

Supplementary Table S4 Regional differential expression of pool 'A' (whole heart) versus pool 'B' (pool of tissues minus heart). Loci were sorted in descending order of expression ratio (Ratio 'A'/'B'). N/A: not available in the Gene database (<http://www.ncbi.nlm.nih.gov/gene>) when the analysis was performed.

Gene name	Expression Value 'A'	Expression Value 'B'	Ratio 'A'/'B'	Chr	Location	Data points 'A'	Data points 'B'	SD as % of Expression Value 'A'	SD as % of Expression Value 'B'
TNNI3	4,648.05	23.33	199.26	chr19	19q13.4	26	568	76.26	207.39
Hs.132459	4,568.36	24.61	185.64	chr18	N/A	2	22	141.30	70.75
Hs.603146	1,745.82	10.13	172.32	chr16	N/A	7	73	263.69	78.91
Hs.599556	1,666.76	10.62	156.91	chr9	N/A	7	73	263.38	87.26
Hs.374521	1,362.16	10.52	129.43	chrX	N/A	7	73	263.11	56.11
TNNT2	3,947.73	37.86	104.27	chr1	1q32	54	933	52.86	803.58
NPPA	6,332.35	61.70	102.64	chr1	1p36.21	18	491	77.72	134.47
Hs.664622	2,503.27	24.73	101.22	chr6	N/A	7	73	263.53	56.26
FLJ40448	1,311.92	13.51	97.12	chr16	16q24.3	14	12	196.94	22.01
MYL7	3,156.84	33.01	95.62	chr7	7p21-p11.2	33	571	48.45	796.89
NPPB	2,023.27	21.23	95.30	chr1	1p36.2	28	620	142.13	80.96
MYH6	5,380.51	61.07	88.10	chr14	14q12	39	546	104.47	551.09
Hs.14451	1,590.55	18.24	87.21	chr2	N/A	7	73	262.28	105.55
Hs.734084	2,806.19	33.96	82.62	chrX	N/A	10	73	59.66	92.09
Hs.122288	706.52	9.09	77.73	chr2	N/A	10	73	312.26	87.07
Hs.573633	1,130.51	14.94	75.66	chrX	N/A	7	73	261.21	66.40
MYBPC3	3,373.62	50.15	67.27	chr11	11p11.2	30	565	81.14	120.70
Hs.541688	1,063.49	16.66	63.85	chr2	N/A	10	73	312.57	133.13
LOC100132735	756.16	12.07	62.64	chr6	6q24.1	18	405	416.82	90.41
Hs.601529	963.57	17.56	54.88	chr1	N/A	7	73	76.10	62.11
EID3	1,602.66	32.71	49.00	chr12	12q23.3	24	411	184.74	203.45
Hs.703113	4,436.02	92.14	48.15	chr6	N/A	1	304	0.00	213.17
Hs.660877	384.30	8.26	46.51	chr6	N/A	15	453	95.76	77.81
Hs.602410	1,057.84	22.78	46.44	chr7	N/A	2	22	35.78	129.94
RYR2	1,213.96	27.08	44.83	chr1	1q43	42	1062	101.70	130.29
Hs.154626	333.88	7.58	44.07	chr7	N/A	5	22	218.22	61.08
HRC	1,667.90	39.17	42.59	chr19	19q13.3	30	597	98.97	230.66
ANKRD1	1,028.22	24.50	41.97	chr10	10q23.31	37	638	129.71	258.51
TECRL	555.22	14.02	39.60	chr4	4q13.1	31	575	105.77	220.78
LINC00114	202.49	5.21	38.84	chr21	21q22.2	16	28	211.77	53.61
Hs.294113	494.95	13.06	37.90	chr3	N/A	7	73	258.08	70.94
Hs.116161	715.76	18.91	37.84	chr2	N/A	10	73	309.63	106.36
CEP19	769.86	20.85	36.92	chr3	3q29	29	754	262.83	82.59
MYL3	4,847.53	133.31	36.36	chr3	3p21.3-p21.2	41	644	79.00	390.21
MYH7	8,725.76	257.80	33.85	chr14	14q12	20	917	63.16	415.23
MYOM2	2,901.44	93.37	31.07	chr8	8p23.3	30	577	77.65	341.06
HSPB3	1,730.93	57.94	29.87	chr5	5q11.2	32	616	93.07	235.69
LOC440704	154.84	5.36	28.88	chr1	1q31.1-q31.2	4	304	64.09	65.72
SRL	2,076.20	77.87	26.66	chr16	16p13.3	6	357	68.62	212.04
Hs.598956	253.26	9.70	26.11	chr15	N/A	7	73	255.59	71.84
CSRP3	3,227.56	133.24	24.22	chr11	11p15.1	32	621	84.93	439.41
POPDC2	1,006.54	43.00	23.41	chr3	3q13.33	42	627	103.95	143.10
Hs.734280	770.70	33.01	23.34	chr16	N/A	8	377	233.51	514.95
ANKRD30B	110.95	4.77	23.28	chr18	18p11.21	15	673	201.45	97.75
Hs.596770	534.74	23.10	23.15	chr8	N/A	8	377	278.57	70.01
HSPB7	2,439.62	106.30	22.95	chr1	1p36.23-p34.3	36	912	88.20	344.97
MYL2	10,216.56	445.59	22.93	chr12	12q24.11	33	570	41.46	378.61
Hs.99308	346.27	15.22	22.75	chr12	N/A	7	73	249.90	77.99
Hs.597820	401.10	17.72	22.63	chr2	N/A	5	51	112.00	77.66
CT60	513.42	23.41	21.93	chr15	15q11.2	15	451	381.36	105.65
Hs.120006	265.96	12.31	21.61	chr7	N/A	7	73	53.77	86.56
ACTC1	5,779.15	268.48	21.53	chr15	15q14	28	532	63.32	260.65
Hs.292419	363.43	17.14	21.21	chr3	N/A	7	73	255.28	73.73
NMRK2	1,143.51	54.67	20.92	chr19	19p13.3	24	453	133.17	227.81
FABP3	1,521.64	74.86	20.33	chr1	1p33-p32	59	1171	114.26	171.33
Hs.666195	387.82	19.25	20.15	chr2	N/A	5	51	220.20	68.01
PRO0628	45.35	2.36	19.19	chr20	20q12	3	2	34.08	24.63
MYO22	877.55	46.04	19.06	chr4	4q26-q27	57	1516	133.93	455.09
TCAP	6,352.89	334.77	18.98	chr17	17q12	20	497	112.52	331.32
Hs.633141	2,043.36	109.67	18.63	chr5	N/A	7	73	257.45	117.47
Hs.430013	799.24	43.23	18.49	chr10	N/A	7	73	250.99	691.28
TNNC1	5,550.97	303.18	18.31	chr3	3p21.1	28	551	52.40	392.05
Hs.664516	773.63	42.33	18.28	chr21	N/A	7	73	258.34	65.20
CRYGC	344.92	20.06	17.20	chr2	2q33.3	30	565	529.89	74.00
Hs.558936	339.77	19.90	17.08	chr1	N/A	7	73	169.90	74.01
PLN	2,633.10	157.70	16.70	chr6	6q22.1	52	1444	134.71	292.36
CASQ2	1,656.52	99.70	16.62	chr1	1p13.1	30	567	106.51	216.46
SLC25A4	2,416.49	146.18	16.53	chr4	4q35	54	1182	127.60	244.97
Hs.600121	265.56	16.38	16.21	chr15	N/A	14	146	362.57	100.65
Hs.380705	402.36	24.87	16.18	chr1	N/A	26	782	481.02	79.50
SRRM4	363.65	22.48	16.17	chr12	12q24.23	33	1122	558.83	90.00
CKMT2	2,607.32	162.74	16.02	chr5	5q13.3	30	568	66.71	294.61
Hs.660491	174.69	10.93	15.99	chr4	N/A	8	377	112.58	170.42
B3GALT2	182.40	11.59	15.74	chr1	1q31	45	1019	225.70	146.67
EPHX3	987.78	63.59	15.53	chr19	19p13.12	21	457	130.11	190.16
Hs.744346	1,600.79	105.16	15.22	chr6	N/A	1	304	0.00	261.23
Hs.65745	309.09	20.57	15.02	chr10	N/A	10	73	297.11	137.74
Hs.666069	382.94	25.84	14.82	chr15	N/A	14	146	359.67	66.41
MYOM1	1,406.86	95.09	14.79	chr18	18p11.31	32	532	136.92	286.21
Hs.133016	252.88	17.25	14.66	chr22	N/A	14	146	343.83	101.20
TRIM63	1,442.54	99.50	14.50	chr1	1p34-p33	18	388	66.34	431.67
Hs.720374	250.20	17.68	14.15	chr7	N/A	8	377	272.40	142.63
MB	8,283.87	586.23	14.13	chr22	22q13.1	39	575	59.23	283.28
LOC100507221	82.03	5.90	13.91	chr16	N/A	4	304	65.85	138.01
FHL2	3,117.64	225.12	13.85	chr2	2q12.2	46	650	84.43	151.18
CCR6	261.00	18.92	13.79	chr6	6q27	35	604	317.78	120.60
SYNPO2L	997.65	72.36	13.79	chr10	10q22.2	29	834	109.98	290.66

Hs.741802	703.67	51.32	13.71	chr12	N/A	1	304	0.00	137.54
PDE3A	519.01	38.30	13.55	chr12	12p12	37	1595	211.81	151.00
S100A1	2,514.01	186.30	13.49	chr1	1q21	37	644	123.94	160.87
Hs.731919	162.90	12.30	13.24	chr8	N/A	5	51	214.31	84.57
C15orf41	421.75	32.18	13.10	chr15	15q14	28	1077	92.99	104.64
MRPL41	1,516.53	116.98	12.96	chr9	9q34.3	36	1853	135.83	192.25
RBPMS2	877.08	67.68	12.96	chr15	15q22.31	23	457	141.22	93.16
MYL4	975.16	75.44	12.93	chr17	17q21-qter	74	2071	97.03	222.40
COX6A2	2,210.61	172.96	12.78	chr16	16p11.12	30	607	82.91	280.88
NRAP	1,131.04	90.00	12.57	chr10	10q24-q26	69	1389	171.99	547.21
COX7A1	4,955.50	396.66	12.49	chr19	19q13.1	29	577	45.18	196.67
ADPRHL1	615.53	49.52	12.43	chr13	13q34	34	672	113.66	111.10
Hs.667717	521.87	42.44	12.30	chr10	N/A	3	326	115.31	250.36
DCX	224.29	18.36	12.22	chrX	Xq22.3-q23	45	1058	605.69	104.06
ALPK2	387.68	31.78	12.20	chr18	18q21.31	34	842	107.04	220.72
CHST6	1,445.30	119.35	12.11	chr16	16q22	22	778	251.58	138.36
CORIN	206.36	17.18	12.01	chr4	4p13-p12	37	1211	182.34	112.14
LOC613126	2,287.15	194.21	11.78	chr7	7q21.2	3	320	86.82	424.61
ISYNA1	590.13	50.62	11.66	chr19	19p13.11	37	1219	318.20	198.87
SMPX	1,392.31	121.38	11.47	chrX	Xp22.1	21	461	59.32	338.64
LOC100132086	78.15	6.83	11.45	chr12	12p11.1	2	16	136.31	158.08
PGAM2	780.20	68.44	11.40	chr7	7p13-p12	23	501	57.94	335.08
F2R	596.25	52.39	11.38	chr5	5q13	41	949	340.23	104.39
NKX2-5	330.66	29.12	11.35	chr5	5q34	30	573	63.78	107.62
NEUROG2	62.38	5.52	11.29	chr4	4q25	24	460	235.63	142.11
PCP4L1	406.22	36.32	11.19	chr1	1q23.3	21	417	439.96	99.21
RBM20	387.87	34.70	11.18	chr10	10q25.2	15	446	159.71	151.57
ARMC7	580.75	52.58	11.04	chr17	17q25.1	30	834	288.65	110.30
NDOR1	635.66	57.67	11.02	chr9	9q34.3	31	1395	149.39	232.56
DES	3,942.70	358.98	10.98	chr2	2q35	33	975	90.51	291.53
SLC35E4	1,036.10	95.32	10.87	chr22	22q12.2	39	803	199.96	529.27
SH3RF2	568.25	52.61	10.80	chr5	5q32	40	1503	231.00	193.54
RELB	623.25	57.78	10.79	chr19	19q13.32	30	566	191.99	100.51
Hs.658679	527.35	49.48	10.66	chr20	N/A	7	73	218.54	84.48
TTN	1,794.79	168.60	10.65	chr2	2q31	81	2416	165.30	568.00
Hs.714925	987.94	95.01	10.40	chr11	N/A	7	73	263.08	560.12
ILDR1	1,103.31	106.42	10.37	chr3	3q13.33	30	822	204.89	559.39
FTHL17	256.89	24.78	10.37	chrX	Xp21	19	384	109.48	236.06
HIST3H3	623.42	61.06	10.21	chr1	1q42	21	465	111.29	429.66
FHOD3	525.62	51.66	10.18	chr18	18q12	35	606	82.32	106.61
Hs.662927	166.67	16.57	10.06	chr13	N/A	7	73	250.77	90.02
Hs.733884	194.20	19.36	10.03	chr16	N/A	14	146	347.11	101.02
CKM	4,813.89	485.14	9.92	chr19	19q13.32	28	554	51.37	342.09
UQCRHL	3,195.52	322.55	9.91	chr1	1p36.21	3	12	12.90	31.12
Hs.356368	353.74	35.95	9.84	chr1	N/A	22	523	364.77	164.64
DLX6-AS1	95.69	9.81	9.76	chr7	7q21.3	7	79	249.38	77.81
Hs.123541	110.46	11.34	9.74	chr12	N/A	2	22	61.58	85.48
PPAPDC3	496.88	51.80	9.59	chr9	9q34.13	19	396	43.14	192.22
Hs.196509	120.88	12.63	9.57	chr2	N/A	7	73	141.23	83.53
Hs.561110	44.19	4.66	9.48	chr1	N/A	19	754	268.03	109.12
Hs.733397	438.93	46.43	9.45	chr3	N/A	7	73	161.11	60.61
ALPK1	974.20	103.76	9.39	chr4	4q25	58	1266	300.62	592.15
CCDC171	124.42	13.29	9.36	chr9	9p22.3	91	2571	490.39	152.08
MAPK4	219.86	23.58	9.33	chr18	18q21.1	39	1308	222.52	450.62
KLHL31	312.56	33.77	9.25	chr6	6p12.1	20	733	199.84	319.61
Hs.708073	509.67	55.82	9.13	chr4	N/A	8	377	90.26	158.66
NACA2	697.84	76.56	9.12	chr17	17q23.2	21	448	94.88	406.73
DNAJC28	119.99	13.16	9.12	chr21	21q22.11	47	596	354.55	91.82
FKBP9L	166.91	18.45	9.05	chr7	7p11.1	16	28	202.90	52.09
Hs.679772	125.44	13.99	8.97	chr18	N/A	2	16	132.66	84.88
Hs.657164	202.43	22.61	8.95	chr11	N/A	3	326	119.99	214.29
Hs.732044	183.89	20.64	8.91	chr9	N/A	7	73	250.67	104.11
TUBA8	309.25	34.72	8.91	chr22	22q11.1	21	463	93.72	193.89
Hs.130077	131.38	14.85	8.85	chrX	N/A	5	22	176.09	64.40
Hs.561954	994.42	112.54	8.84	chr9	N/A	8	377	84.23	198.56
DEFB107B	35.98	4.07	8.83	chr8	8p23.1	4	304	65.08	82.32
CDH2	624.40	70.94	8.80	chr18	18q11.2	44	1105	145.07	135.24
Hs.142505	164.77	19.04	8.65	chr10	N/A	21	405	123.79	56.26
Hs.656166	586.32	68.06	8.61	chr6	N/A	2	608	5.08	58.36
Hs.663514	95.84	11.14	8.60	chr7	N/A	7	73	192.67	80.80
MAP1-AS1	281.35	32.72	8.60	chr17	17q21.31	36	1773	172.66	285.12
Hs.687287	88.95	10.48	8.49	chr3	N/A	2	16	140.79	87.48
Hs.657633	129.82	15.31	8.48	chr3	N/A	8	377	100.70	74.53
CHRNB4	217.07	25.70	8.45	chr15	15q24	25	555	221.82	236.91
ACTA1	4,955.97	589.49	8.41	chr1	1q42.13	32	621	88.28	335.88
PCBP1-AS1	279.70	33.30	8.40	chr2	2p14	39	2610	572.44	97.00
ZNF549	99.32	11.83	8.40	chr19	19q13.43	33	561	247.33	134.60
CLUAP1	503.39	60.50	8.32	chr16	16p13.3	39	919	330.73	66.99
CMYA5	1,557.08	188.55	8.26	chr5	5q14.1	39	852	82.64	339.92
FUT6	693.84	84.53	8.21	chr19	19p13.3	63	3229	426.33	444.20
ACTN2	1,063.62	130.22	8.17	chr1	1q42-q43	43	1807	100.70	382.97
Hs.632500	99.12	12.19	8.13	chr1	N/A	8	377	58.35	64.49
SGCG	279.83	34.43	8.13	chr13	13q12	30	573	81.75	253.08
ACO2	1,363.18	167.78	8.13	chr22	22q13.2	32	925	52.50	149.78
CCL24	405.52	49.98	8.11	chr7	7q11.23	20	462	136.78	388.57
LAIR1	592.19	73.13	8.10	chr19	19q13.4	51	1013	383.59	119.29
Hs.713091	1,466.93	181.65	8.08	chr2	N/A	1	304	0.00	118.36
MFN2	1,078.49	135.61	7.95	chr1	1p36.22	36	1296	61.34	106.79
C3orf43	177.51	22.36	7.94	chr3	3q29	1	304	0.00	215.69
MTCP1	175.95	22.19	7.93	chrX	Xq28	24	456	142.67	130.80
RPL3L	473.40	59.74	7.92	chr16	16p13.3	28	551	76.69	312.38
LOC401164	12.06	1.54	7.85	chr4	4q35.2	3	1	52.74	0.00
UCN	196.05	24.99	7.85	chr2	2p23-p21	33	576	504.24	152.41

Hs.745010	2,605.23	332.81	7.83	chr6	N/A	17	101	137.42	169.33
PXDNL	107.90	13.81	7.81	chr8	8q11.22-q11.2	32	457	89.93	150.92
Hs.62930	163.14	20.93	7.79	chr5	N/A	10	73	294.73	73.78
RLTPR	236.56	30.64	7.72	chr16	16q22.1	27	716	159.58	79.49
Hs.557916	107.49	13.94	7.71	chr11	N/A	8	377	111.39	85.14
Hs.663087	84.63	11.01	7.69	chr14	N/A	15	450	331.98	104.31
C18orf25	147.61	19.20	7.69	chr18	18q21.1	60	1495	495.29	91.99
CCL15	182.27	23.73	7.68	chr17	17q11.2	46	593	562.99	156.90
MS4A8	361.21	47.04	7.68	chr11	11q12.2	47	681	540.29	180.36
Hs.701344	503.64	65.81	7.65	chr6	N/A	1	304	0.00	90.32
PPP1R3C	405.97	53.42	7.60	chr10	10q23-q24	23	460	124.33	150.24
MUC21	20.89	2.75	7.60	chr6	6p21.32	9	1	83.72	0.00
Hs.733374	248.94	32.78	7.59	chr9	N/A	1	304	0.00	296.52
MYL10	428.56	56.64	7.57	chr7	7q22.1	26	872	242.14	109.60
Hs.634585	21.00	2.78	7.56	chr17	N/A	3	1	68.26	0.00
IQSEC2	328.83	43.52	7.56	chrX	Xp11.22	33	819	168.75	151.57
ITPK1-AS1	238.49	31.57	7.55	chr14	14q32.12	5	616	84.43	90.50
NNT	466.37	62.09	7.51	chr5	5p12	58	1772	197.26	158.09
Hs.722430	14.16	1.90	7.47	chr7	N/A	3	1	63.58	0.00
AMELY	211.00	28.33	7.45	chrY	Yp11.2	23	504	244.07	107.71
OTOF	151.90	20.57	7.39	chr2	2p23.1	49	986	218.35	206.14
CLGN	284.74	38.58	7.38	chr4	4q28.3-q31.1	33	575	108.29	275.74
ITGB1BP2	226.80	31.10	7.29	chrX	Xq12-q13.1	28	527	77.93	161.14
HHATL	1,042.92	143.14	7.29	chr3	3p22.1	26	461	173.57	255.50
Hs.693667	192.19	26.48	7.26	chr12	N/A	13	28	177.14	48.75
Hs.447634	24.72	3.43	7.20	chr20	N/A	3	1	50.71	0.00
HRASL55	795.62	111.30	7.15	chr11	11q13.2	36	789	200.74	446.26
FGF3	259.74	36.37	7.14	chr11	11q13	23	492	140.24	358.31
LRRRC39	259.20	36.47	7.11	chr1	1p21.2	48	1012	142.61	250.33
MYLK3	141.45	19.91	7.10	chr16	16q11.2	29	1744	140.73	143.35
KRTAP2-4	206.32	29.18	7.07	chr17	17q21.2	35	813	151.29	290.61
Hs.603516	226.05	32.00	7.06	chr1	N/A	7	73	246.45	95.19
NAALADL2	127.99	18.28	7.00	chr3	3q26.31	53	914	586.71	271.88
FAM134B	475.59	67.95	7.00	chr5	5p15.1	79	2110	196.03	162.40
NDUFA8	1,569.04	226.64	6.92	chr9	9q33.2	21	465	56.86	98.15
SMYD1	326.86	47.30	6.91	chr2	2p11.2	27	760	125.00	255.34
CHL1	384.01	55.58	6.91	chr3	3p26.1	56	1036	487.18	203.62
Hs.21377	100.61	14.57	6.90	chr6	N/A	7	73	238.68	120.02
EIF1AY	407.02	59.01	6.90	chrY	Yq11.223	62	1167	135.14	163.86
MNF1	777.87	112.83	6.89	chr6	6p21.31	20	700	145.76	111.71
NDUFS1	887.52	129.87	6.83	chr2	2q33-q34	51	1543	143.52	141.68
C5orf58	237.47	34.76	6.83	chr5	5q35.1	15	965	107.22	297.30
C1orf170	302.59	44.35	6.82	chr1	1p36.33	29	414	84.14	146.24
ENO3	1,378.30	202.11	6.82	chr17	17pter-p11	32	850	82.53	457.50
Hs.495112	20.40	3.00	6.79	chr14	N/A	3	1	13.61	0.00
SORBS2	656.15	96.74	6.78	chr4	4q35.1	97	2879	155.77	181.33
Hs.720688	531.32	78.38	6.78	chrX	N/A	1	304	0.00	103.25
TRIM55	97.43	14.43	6.75	chr8	8q13.1	31	743	80.73	114.28
KLC3	945.45	140.09	6.75	chr19	19q13	39	1041	244.59	416.21
CYP2J2	381.09	56.67	6.72	chr1	1p31.3-p31.2	39	689	116.60	124.96
HCRT	218.90	32.65	6.71	chr17	17q21	23	504	92.60	102.07
MAPKAPK3	773.52	115.39	6.70	chr3	3p21.3	44	1126	84.17	84.66
GALNT16	317.03	47.39	6.69	chr14	14q24.1	26	1013	134.24	91.18
Hs.635363	78.33	11.73	6.68	chr5	N/A	11	332	58.48	180.79
ETV2	275.77	41.50	6.64	chr19	19q13.12	18	510	193.36	299.25
HAND2	92.84	13.98	6.64	chr4	4q33	28	526	108.88	112.75
SHCBP1	138.78	20.91	6.64	chr16	16q11.2	31	528	292.75	126.98
KRTAP1-3	334.83	50.72	6.60	chr17	17q12-q21	31	786	176.91	507.35
Hs.665412	22.57	3.43	6.59	chr2	N/A	2	16	127.03	119.48
Hs.201488	382.29	58.05	6.59	chr6	N/A	21	405	123.30	157.40
SOX18	195.27	29.70	6.57	chr20	20q13.33	21	468	176.97	104.29
RNF217	238.53	36.30	6.57	chr6	6q22.31	29	532	476.12	132.94
MOP-1	97.29	14.81	6.57	chr4	4q21.22	11	332	69.50	372.04
BCAM	1,378.48	210.16	6.56	chr19	19q13.2	65	1187	241.02	400.28
SLC4A3	400.44	61.07	6.56	chr2	2q36	42	685	68.36	501.63
SLC9A4	35.73	5.47	6.53	chr2	2q12.1	9	1	109.44	0.00
DIRAS1	210.76	32.47	6.49	chr19	19p13.3	27	766	103.17	182.80
ANKRD33	133.72	20.64	6.48	chr12	12q13.13	16	389	151.33	105.19
SLC35G3	69.40	10.71	6.48	chr17	17q12	17	343	194.30	91.18
TXLNB	220.29	34.11	6.46	chr6	6q24.1	16	395	62.98	269.43
LRRRC10	31.51	4.89	6.44	chr12	12q15	6	8	40.35	36.85
SGCA	297.95	46.27	6.44	chr17	17q21	30	574	77.91	293.04
Hs.593994	118.10	18.37	6.43	chr3	N/A	7	73	247.50	63.54
MVD	1,112.90	173.18	6.43	chr16	16q24.3	36	595	270.03	584.72
Hs.504844	68.14	10.61	6.42	chr12	N/A	8	377	239.47	76.01
TAF13	53.38	8.32	6.41	chr1	1p13.3	25	536	158.72	88.93
HSF1	447.00	69.74	6.41	chr8	8q24.3	30	951	74.00	120.24
Hs.731466	429.17	67.14	6.39	chr5	N/A	1	304	0.00	142.66
SLC17A3	231.06	36.25	6.37	chr6	6p21.3	42	694	608.06	178.32
CXXC4	249.20	39.21	6.36	chr4	4q22-q24	46	943	497.89	97.68
NKG7	325.60	51.25	6.35	chr19	19q13.41	30	577	438.72	236.32
Hs.645602	100.90	15.91	6.34	chr1	N/A	4	32	164.24	55.53
SOGA3	96.66	15.27	6.33	chr6	6q22.33	50	1247	599.61	135.80
Hs.667709	271.78	43.12	6.30	chr8	N/A	2	22	33.42	63.21
SLC5A1	231.50	36.73	6.30	chr22	22q12.3	31	874	97.42	153.08
PPP1R3A	127.90	20.37	6.28	chr7	7q31.1	38	985	217.79	349.75
Hs.734008	86.04	13.71	6.28	chr3	N/A	7	73	156.70	112.44
HDAC10	423.36	67.66	6.26	chr22	22q13.31	38	1203	223.25	303.18
KIF1C	481.22	77.16	6.24	chr17	17p13.2	87	1616	185.15	256.06
TMEM239	164.65	26.42	6.23	chr20	20p13	12	648	65.93	139.51
FGF12	219.19	35.23	6.22	chr3	3q28	114	1858	147.06	233.74
Hs.387982	195.50	31.48	6.21	chr1	N/A	28	478	376.59	197.39
ATP2A2	1,625.65	264.31	6.15	chr12	12q24.11	98	2029	140.35	215.58

PKP2	207.00	33.92	6.10	chr12	12p11	42	1020	139.58	149.87
XIRP1	1,021.06	167.94	6.08	chr3	3p22.2	18	391	169.28	379.05
Hs.385861	137.90	22.74	6.07	chr7	N/A	1	304	0.00	66.17
CLICS	472.77	78.38	6.03	chr6	6p12.3	68	2227	115.20	246.64
Hs.655542	1,397.29	231.78	6.03	chr9	N/A	8	377	125.57	324.27
Hs.674599	75.19	12.51	6.01	chr18	N/A	1	304	0.00	90.90
Hs.667599	91.14	15.16	6.01	chr8	N/A	2	22	10.14	128.10
Hs.656715	62.00	10.32	6.01	chr6	N/A	3	11	17.21	35.63
CRYAB	5,890.04	982.86	5.99	chr11	11q22.3-q23.1	42	653	77.77	147.78
Hs.70937	177.62	29.70	5.98	chr6	N/A	5	51	190.57	69.21
TRDN	308.62	51.73	5.97	chr6	6q22.31	56	1358	236.97	379.30
NDUFS7	1,000.44	168.18	5.95	chr19	19p13.3	33	527	73.07	103.58
NACC1	803.84	135.31	5.94	chr19	19p13.2	40	754	204.04	381.73
Hs.604259	46.50	7.84	5.93	chr12	N/A	7	73	214.51	68.96
Hs.101248	75.88	12.80	5.93	chr13	N/A	11	377	280.69	68.29
LATS1	185.54	31.30	5.93	chr6	6q25.1	27	1372	267.37	288.54
ARHGEF15	530.19	89.47	5.93	chr17	17p13.1	38	946	186.25	368.07
HCN2	865.22	146.81	5.89	chr19	19p13.3	34	990	187.07	519.63
NDUFB7	475.45	80.76	5.89	chr19	19p13.12	47	1064	94.34	118.10
NDRG4	1,139.41	193.99	5.87	chr16	16q21-q22.1	39	577	127.32	177.53
RRAD	376.46	64.28	5.86	chr16	16q22	44	1291	63.58	540.43
Hs.667162	138.49	23.66	5.85	chr15	N/A	7	73	246.78	71.65
C18orf54	91.83	15.72	5.84	chr18	18q21.2	50	1744	587.43	106.63
NPAS3	213.22	36.49	5.84	chr14	14q12-q13	72	3292	255.04	294.03
Hs.522029	261.12	44.84	5.82	chr9	N/A	8	377	116.49	213.20
OR2H1	128.15	22.08	5.80	chr6	6p21.32	41	1809	202.08	274.66
RHO	222.95	38.50	5.79	chr3	3q21-q24	61	1148	270.50	400.90
MPC1	987.49	170.95	5.78	chr6	6q27	31	842	93.09	115.37
Hs.604376	201.90	34.98	5.77	chr2	N/A	8	377	155.33	121.89
ATP5O	2,205.50	382.56	5.77	chr21	21q22.11	34	1279	72.59	113.36
Hs.713944	513.05	89.11	5.76	chr2	N/A	1	304	0.00	86.62
Hs.733039	200.95	34.99	5.74	chr11	N/A	8	377	149.35	191.46
PDZD7	677.49	118.00	5.74	chr10	10q24.31	32	529	179.01	434.80
GLTSCR1	873.43	152.26	5.74	chr19	19q13.3	31	482	170.74	345.87
VDAC1	836.84	146.49	5.71	chr5	5q31	70	1184	139.78	182.01
Hs.660390	55.32	9.71	5.70	chr10	N/A	8	377	226.47	64.09
FBXO31	325.93	57.30	5.69	chr16	16q24.2	46	1375	498.32	165.92
TMEM150C	595.57	104.73	5.69	chr4	4q21.22	39	457	352.59	175.34
ASB2	437.10	77.07	5.67	chr14	14q31-q32	20	700	57.60	256.18
UNC45B	210.99	37.21	5.67	chr17	17q12	44	557	90.92	262.93
PLA2G5	216.22	38.14	5.67	chr1	1p36-p34	39	1101	119.14	113.02
SMIM4	282.81	49.88	5.67	chr3	3p21.1	11	344	20.99	119.06
PDLIM5	733.34	129.49	5.66	chr4	4q22	141	4734	178.49	225.07
Hs.707410	469.58	83.06	5.65	chr13	N/A	1	304	0.00	75.89
CYC1	1,790.35	318.70	5.62	chr8	8q24.3	34	668	123.53	85.93
TLE1	512.01	91.71	5.58	chr9	9q21.32	59	2119	210.78	133.78
PSMB9	978.20	175.23	5.58	chr6	6p21.3	33	577	215.89	90.94
Hs.662791	276.36	49.57	5.57	chr1	N/A	15	450	155.32	178.05
CPT1B	394.02	70.69	5.57	chr22	22q13.33	47	1133	80.37	140.15
Hs.658940	657.91	118.83	5.54	chr6	N/A	7	73	88.64	128.58
ETFDH	302.33	54.65	5.53	chr4	4q32-q35	28	924	75.81	102.46
PPP1R12B	580.21	105.20	5.52	chr1	1q32.1	105	2146	220.55	269.85
FABP7	517.80	93.91	5.51	chr6	6q22-q23	47	1482	469.16	326.95
Hs.709438	523.70	95.05	5.51	chr13	N/A	8	377	238.65	208.51
SMCR5	195.59	35.63	5.49	chr17	N/A	11	333	62.40	241.28
ADRB1	132.10	24.12	5.48	chr10	10q25.3	39	1279	191.18	218.21
TMEM175	609.00	111.19	5.48	chr4	4p16.3	26	464	137.29	183.07
GOT1	1,069.71	195.89	5.46	chr10	10q24.1-q25.1	57	706	124.61	159.97
UBOX5	710.41	130.34	5.45	chr20	20p13	51	1014	387.07	571.30
OR10H2	87.25	16.01	5.45	chr19	19p13.1	21	459	116.82	276.86
Hs.43938	36.61	6.73	5.44	chr5	N/A	4	304	73.39	99.55
SPSB4	288.79	53.25	5.42	chr3	3q23	19	384	122.84	176.54
DCAF17	132.62	24.52	5.41	chr2	2q31.1	29	827	461.82	110.55
PRSS36	379.44	70.36	5.39	chr16	16p11.2	16	396	93.86	324.16
LOC154449	13.44	2.50	5.38	chr6	6q27	3	1	38.95	0.00
KCNJ8	300.90	56.00	5.37	chr12	12p11.23	30	577	97.77	89.04
Hs.633014	54.93	10.25	5.36	chr21	N/A	2	16	132.14	45.34
Hs.347302	100.28	18.72	5.36	chr16	N/A	11	335	61.88	133.93
CELF5	161.00	30.06	5.36	chr19	19p13	32	1036	175.06	322.48
TCF15	240.41	44.97	5.35	chr20	20p13	42	642	155.78	255.77
PRND	167.16	31.33	5.34	chr20	20pter-p12	49	888	668.63	350.86
ANKRD9	398.44	74.71	5.33	chr14	14q32.31	28	724	131.18	159.15
MYPN	250.30	47.06	5.32	chr10	10q21.3	45	256	101.39	116.50
Hs.666462	102.66	19.31	5.32	chr7	N/A	7	73	244.50	95.96
PTPLA	231.86	43.65	5.31	chr10	10p14-p13	39	980	133.60	154.40
MYOM3	205.62	38.80	5.30	chr1	1p36.11	46	946	151.46	173.01
Hs.637827	36.58	6.90	5.30	chr12	N/A	4	304	57.54	76.87
MYL12A	4,406.94	832.37	5.29	chr18	18p11.31	36	1366	85.37	174.07
LMOD2	483.66	91.72	5.27	chr7	7q31.32	16	388	83.68	373.54
SLC2A4	100.76	19.17	5.26	chr17	17p13	40	594	111.66	135.19
TBC1D10B	846.43	161.24	5.25	chr16	16p11.2	28	536	131.23	52.19
CRIP2	775.56	148.21	5.23	chr14	14q32.3	37	650	108.52	88.14
Hs.707165	1,446.21	276.56	5.23	chr1	N/A	7	73	102.76	160.09
Hs.593672	156.83	30.00	5.23	chr12	N/A	8	377	114.60	173.34
LOC100506295	456.15	87.47	5.22	chr17	N/A	1	304	0.00	59.97
FBXO40	252.01	48.44	5.20	chr3	3q13.33	32	785	125.27	335.83
FILIP1	189.88	36.54	5.20	chr6	6q14.1	46	1077	77.63	106.04
PDK4	1,529.67	294.70	5.19	chr7	7q21.3	49	1286	140.63	263.55
PDHA1	1,062.44	204.76	5.19	chrX	Xp22.1	44	1690	87.22	130.89
ARL13B	272.41	52.64	5.17	chr3	3q11.1	44	518	610.92	88.45
TENM2	342.91	66.30	5.17	chr5	5q34	25	510	158.20	155.94
Hs.661033	70.24	13.60	5.16	chr1	N/A	2	16	121.38	104.65
Hs.131169	134.12	26.01	5.16	chr5	N/A	7	73	231.53	433.67

CPNE5	281.10	54.61	5.15	chr6	6p21.1	27	442	125.35	124.42
GLI4	306.92	59.63	5.15	chr8	8q24.3	31	1020	157.84	439.01
DTX2	268.36	52.23	5.14	chr7	7q11.23	32	511	263.18	109.45
Hs.638583	74.38	14.55	5.11	chr5	N/A	4	304	22.22	49.65
RAMP1	649.55	127.47	5.10	chr2	2q36-q37.1	29	577	106.74	97.87
Hs.633101	67.79	13.31	5.09	chr17	N/A	8	377	195.75	108.12
Hs.561790	18.85	3.70	5.09	chr8	N/A	4	304	72.44	93.64
SOX11	84.44	16.60	5.09	chr2	2p25	57	1042	321.92	153.10
Hs.612682	145.52	28.74	5.06	chr10	N/A	1	304	0.00	191.16
SMYD2	385.91	76.34	5.05	chr1	1q32.3	53	1442	131.37	109.13
Hs.669093	299.35	59.26	5.05	chr5	N/A	5	51	88.29	83.32
DUX4	694.16	137.54	5.05	chr4	4q35	21	448	107.52	248.95
PXN	815.96	161.70	5.05	chr12	12q24.31	55	1055	208.18	383.87
Hs.554667	37.66	7.48	5.03	chr2	N/A	3	8	49.37	54.06
Hs.714955	332.14	66.45	5.00	chr9	N/A	7	73	162.55	145.72
Hs.103334	88.25	17.70	4.99	chr5	N/A	10	73	285.20	49.51
ART3	221.18	44.47	4.97	chr4	4p15.1-p14	28	548	64.18	207.19
ZNF69	69.45	13.97	4.97	chr19	19p13.2	13	28	159.75	37.30
LDB3	779.22	156.73	4.97	chr10	10q22.3-q23.2	67	2194	155.15	358.24
TMEM182	172.29	34.69	4.97	chr2	2q12.1	39	1399	114.03	201.76
IL1RL1	218.53	44.12	4.95	chr2	2q12	54	1406	408.50	377.28
SDHB	533.48	107.90	4.94	chr1	1p36.1-p35	35	997	122.30	109.95
DUSP27	230.84	46.79	4.93	chr1	1q22-q24	26	458	85.62	235.68
Hs.660985	293.53	59.65	4.92	chr6	N/A	5	51	74.66	44.32
NEBL	390.11	79.48	4.91	chr10	10p12	94	2973	201.83	172.97
Hs.213493	89.32	18.21	4.91	chr15	N/A	11	332	110.18	212.23
DKK3	1,043.27	212.87	4.90	chr11	11p15.2	97	1955	153.76	198.87
TESC	357.56	73.02	4.90	chr12	12q24.22	29	836	90.91	246.52
C18orf12	78.16	16.05	4.87	chr18	18q21.1	16	396	90.33	133.71
COX5A	1,722.05	353.77	4.87	chr15	15q24.1	46	960	93.36	111.36
PTP4A3	460.96	95.26	4.84	chr8	8q24.3	44	997	96.11	142.00
Hs.594230	145.11	30.07	4.83	chr9	N/A	4	370	58.76	159.61
KCNH6	63.56	13.23	4.80	chr17	17q23.3	57	1350	348.04	98.34
ECT2L	22.79	4.74	4.80	chr6	6q24.1	5	16	71.56	25.15
Hs.632024	27.70	5.77	4.80	chr7	N/A	5	16	81.83	31.36
Hs.557382	89.11	18.57	4.80	chr3	N/A	4	304	60.85	69.33
ZFP64	175.60	36.59	4.80	chr20	20q13.2	71	1703	709.47	84.58
ATP5A1	4,044.82	845.58	4.78	chr18	18q21	27	808	74.79	105.29
Hs.151675	539.92	113.21	4.77	chr20	N/A	8	377	103.97	46.95
HIST1H3A	79.90	16.75	4.77	chr6	6p22.1	21	464	93.82	272.50
SLC8A1	102.56	21.52	4.77	chr2	2p23-p22	109	4728	185.01	139.76
MLIP	428.23	89.95	4.76	chr6	6p12.1	25	463	73.87	223.74
LOC100506476	178.68	37.63	4.75	chr14	N/A	21	360	104.58	201.92
AKR1D1	164.10	34.58	4.75	chr7	7q32-q33	36	525	325.23	469.66
HIST1H3C	141.30	29.86	4.73	chr6	6p22.1	21	465	77.81	283.46
SHANK2-AS3	141.11	29.88	4.72	chr11	11q13.4	18	316	122.46	164.87
Hs.592557	175.83	37.35	4.71	chr2	N/A	9	112	245.32	102.42
ERAP1	322.84	68.65	4.70	chr5	5q15	77	2066	264.03	191.91
RBM24	256.14	54.49	4.70	chr6	6p22.3	31	109	99.27	87.27
OR5H1	29.93	6.37	4.70	chr3	3q11.2	18	636	97.34	199.15
FAM127B	419.74	89.42	4.69	chrX	Xq26.3	26	488	90.23	140.77
Hs.665416	68.44	14.60	4.69	chr10	N/A	17	405	112.00	93.88
MRGPRX3	83.59	17.84	4.69	chr11	11p15.1	19	396	199.97	99.61
Hs.58068	41.03	8.76	4.68	chr2	N/A	11	377	135.45	142.63
AARSD1	644.83	137.83	4.68	chr17	17q21.31	4	104	92.30	91.79
WFDC10B	106.76	22.83	4.68	chr20	20q13.12	34	464	173.26	356.54
Hs.137540	29.45	6.30	4.67	chr4	N/A	5	22	64.28	54.05
TPM1	1,778.49	382.68	4.65	chr15	15q22.1	152	3019	182.24	201.06
RCAN2	910.94	196.27	4.64	chr6	6p12.3	46	642	69.11	134.64
HSPB2	476.22	102.62	4.64	chr11	11q22-q23	39	677	71.40	161.66
TTL3	216.76	46.71	4.64	chr3	3p25.3	96	2610	820.79	67.27
Hs.363431	79.99	17.29	4.63	chr14	N/A	11	340	60.18	215.53
FITM1	407.30	88.04	4.63	chr14	14q12	26	457	140.30	149.13
RHBDL1	160.13	34.70	4.61	chr16	16p13.3	23	504	115.53	293.95
Hs.534696	115.09	24.99	4.61	chr12	N/A	7	73	227.73	119.16
INE1	580.66	126.47	4.59	chrX	Xp11.4-p11.3	33	525	176.95	423.44
C8orf49	47.14	10.28	4.58	chr8	8p23.1	4	304	34.09	87.18
RAD51B	104.69	22.85	4.58	chr14	14q23-q24.2	85	1765	815.14	166.20
OXCT1	494.84	108.05	4.58	chr5	5p13.1	46	966	132.34	122.85
Hs.712759	196.96	43.01	4.58	chr3	N/A	5	51	79.44	59.68
Hs.731470	305.53	66.75	4.58	chr13	N/A	15	450	320.45	106.43
LARGE	212.81	46.66	4.56	chr22	22q12.3	64	1614	155.86	288.89
ANKRD2	387.70	85.08	4.56	chr10	10q23	34	498	91.26	465.52
COX17	691.73	151.95	4.55	chr3	3q13.33	41	962	77.85	109.97
EEF1A2	1,463.32	321.62	4.55	chr20	20q13.3	32	614	143.61	202.82
LMOD3	123.96	27.34	4.53	chr3	3p14.1	40	1146	58.28	297.42
LOC100133315	427.24	94.29	4.53	chr11	11q13.4	13	350	233.00	197.38
Hs.712678	3,489.77	771.95	4.52	chr11	N/A	1	304	0.00	106.45
Hs.687783	88.28	19.53	4.52	chr10	N/A	8	377	184.76	193.24
LOC401497	32.31	7.16	4.51	chr9	9p21.1	4	316	51.86	189.03
Hs.126963	55.96	12.41	4.51	chr16	N/A	18	450	271.62	94.67
Hs.574158	1,617.36	359.28	4.50	chr14	N/A	9	28	20.86	44.79
Hs.727864	101.78	22.64	4.50	chr15	N/A	6	355	71.43	114.47
PPARGC1A	198.52	44.44	4.47	chr4	4p15.1	39	870	145.19	258.95
ATP5G1	1,435.98	321.51	4.47	chr17	17q21.32	33	577	93.91	138.51
LIN9	92.12	20.63	4.46	chr1	1q42.12	49	1240	186.86	195.44
LOC642426	16.24	3.64	4.46	chr14	14q11.1	4	304	55.02	120.28
LOC146513	28.35	6.35	4.46	chr16	16q24.1	4	304	60.65	72.36
Hs.606445	328.28	73.56	4.46	chr21	N/A	11	332	79.16	294.44
PAQR9	62.61	14.04	4.46	chr3	3q23	25	709	59.03	141.42
CD36	638.14	143.42	4.45	chr7	7q11.2	90	2392	178.54	289.34
PAM	1,565.17	352.38	4.44	chr5	5q14-q21	77	1588	117.73	115.99
PDCD5	488.86	110.11	4.44	chr19	19q13.11	36	915	156.27	228.07

Hs.740771	52.36	11.80	4.44	chr14	N/A	7	73	237.60	74.94
MAFG-AS1	243.64	54.91	4.44	chr17	17q25.3	3	320	87.45	84.03
THEM5	188.07	42.39	4.44	chr1	1q21.3	24	406	138.32	417.96
Hs.708219	563.31	127.21	4.43	chr6	N/A	8	377	109.38	303.57
CDH13	150.83	34.08	4.43	chr16	16q23.3	45	828	79.71	124.04
MYT1L	63.38	14.39	4.40	chr2	2p25.3	60	1747	653.55	235.65
HIST1H3J	138.35	31.63	4.37	chr6	6p22.1	21	465	98.92	138.35
Hs.545122	96.74	22.21	4.36	chr7	N/A	10	73	264.49	72.64
FIGNL2	27.57	6.34	4.35	chr12	12q13.13	5	52	83.88	36.30
GGT5	310.75	71.50	4.35	chr22	22q11.23	40	605	275.52	132.57
C15orf59	316.82	72.95	4.34	chr15	15q24.1	16	384	81.15	89.85
MFSD3	83.71	19.29	4.34	chr8	8q24.3	20	700	116.00	99.65
C2CD4A	86.53	19.97	4.33	chr15	15q22.2	21	405	117.58	149.84
Hs.664187	128.31	29.75	4.31	chr1	N/A	1	304	0.00	49.20
COX8C	63.35	14.72	4.30	chr14	14q32.12	7	304	116.42	429.91
Hs.517884	25.35	5.89	4.30	chr3	N/A	5	22	65.53	77.67
Hs.662616	36.22	8.42	4.30	chr18	N/A	2	16	126.01	58.35
C17orf96	283.54	65.91	4.30	chr17	17q12	3	320	85.72	171.05
IDH2	825.32	192.20	4.29	chr15	15q26.1	35	997	93.55	162.14
CRYM	529.04	123.39	4.29	chr16	16p12.2	36	577	71.95	121.07
PLA2G16	862.59	201.19	4.29	chr11	11q12.3	34	893	95.10	186.88
DHRS7C	134.13	31.32	4.28	chr17	17p13.1	5	342	46.02	216.44
GATA4	116.52	27.22	4.28	chr8	8p23.1-p22	58	1955	129.49	170.57
PPP2R3B	115.18	26.94	4.28	chrX	Xp22.33; Yp11	30	788	69.27	111.36
SARDH	96.44	22.57	4.27	chr9	9q33-q34	67	2498	267.74	203.72
NEXN	784.87	183.67	4.27	chr1	1p31.1	42	820	94.68	190.43
FLNC	692.40	162.35	4.26	chr7	7q32-q35	33	577	108.20	182.20
SLC6A19	176.27	41.44	4.25	chr5	5p15.33	49	1285	241.94	330.03
Hs.120150	113.29	26.65	4.25	chr12	N/A	10	73	152.78	72.02
ZNF497	55.94	13.20	4.24	chr19	19q13.43	17	688	217.22	103.78
Hs.604224	106.23	25.07	4.24	chr2	N/A	2	22	54.14	131.05
ZNF219	182.41	43.12	4.23	chr14	14q11	41	1478	88.15	120.71
CCDC141	31.68	7.49	4.23	chr2	2q31.2	18	638	73.23	81.41
HOXA3	682.33	161.39	4.23	chr7	7p15.2	41	787	181.78	407.55
EPGN	17.53	4.16	4.21	chr4	4q13.3	13	16	136.04	65.06
LOC401397	475.05	112.92	4.21	chr7	7q31.1	30	433	175.84	204.73
MCMDC2	34.04	8.10	4.20	chr8	8q13.1	26	662	196.68	113.08
CDC14C	25.43	6.07	4.19	chr7	7p12.3	14	332	53.23	145.09
TEAD2	190.72	45.59	4.18	chr19	19q13.3	46	1871	170.73	100.48
NDUFA6	1,066.55	255.05	4.18	chr22	22q13.2	40	1003	65.85	93.89
VEGFB	477.70	114.25	4.18	chr11	11q13	51	655	119.20	108.29
NDUFB10	1,601.60	383.10	4.18	chr16	16p13.3	27	773	127.10	136.28
AIRE	100.15	23.99	4.17	chr21	21q22.3	39	520	292.69	72.54
APOBEC2	464.83	111.53	4.17	chr6	6p21	28	548	68.76	358.41
PEBP4	375.05	90.00	4.17	chr8	8p21.3	17	406	52.32	219.07
HOXD12	20.53	4.93	4.16	chr2	2q31.1	21	453	170.80	72.52
Hs.545469	33.33	8.01	4.16	chr8	N/A	5	22	71.85	69.02
C15orf52	287.60	69.08	4.16	chr15	15q15.1	27	372	79.56	70.47
RTN4RL2	50.69	12.18	4.16	chr11	11q12.1	20	341	104.48	162.65
MRPS12	218.10	52.49	4.16	chr19	19q13.1-q13.2	68	1943	109.37	132.64
FLJ44124	85.42	20.59	4.15	chr7	7p22.3	10	73	149.13	62.23
OGFR	363.66	87.66	4.15	chr20	20q13.3	44	1832	189.83	248.09
LOC100129034	213.18	51.53	4.14	chr9	9q33.3	12	688	153.53	124.95
VHL	574.55	138.92	4.14	chr3	3p25.3	58	1035	446.30	577.03
HIBADH	440.68	106.58	4.13	chr7	7p15.2	28	1077	128.75	135.96
Hs.703493	712.23	172.26	4.13	chr12	N/A	7	73	160.72	106.76
ITLN1	385.56	93.33	4.13	chr1	1q21.3	26	464	96.21	393.39
FAM170B	55.17	13.40	4.12	chr10	10q11.23	4	306	63.00	63.95
C8orf12	34.26	8.33	4.11	chr8	8p23.1	3	322	99.36	56.39
PLCXD3	186.46	45.53	4.10	chr5	5p13.1	29	782	118.50	154.79
Hs.290550	135.05	33.00	4.09	chr7	N/A	11	377	145.94	255.83
LOC100506937	78.41	19.21	4.08	chr7	N/A	10	73	262.60	112.26
DIRC1	268.82	65.90	4.08	chr2	2q33	19	384	120.01	480.01
LOC100652791	68.87	16.91	4.07	chr8	8p23.1	21	360	119.98	219.63
Hs.667406	166.26	40.83	4.07	chr6	N/A	7	73	58.69	103.90
Hs.601697	51.28	12.61	4.07	chr3	N/A	7	73	172.60	75.48
VWC2	134.42	33.26	4.04	chr7	7p12.2	18	80	53.61	80.87
ACAT1	869.25	215.62	4.03	chr11	11q22.3	40	1191	99.79	179.66
MSRB2	579.12	144.15	4.02	chr10	10p12	44	1401	98.86	101.52
Hs.143134	42.36	10.55	4.02	chr1	N/A	4	370	105.28	125.33
Hs.655687	64.27	16.01	4.02	chr5	N/A	14	532	312.42	106.61
LOC101060062	47.00	11.71	4.01	chr16	N/A	4	304	58.83	93.00
NDUFA2	970.41	242.24	4.01	chr5	5q31.2	51	1441	150.17	166.19
SPANXA2-OT1	44.52	11.12	4.00	chrX	Xq27.2	13	348	67.04	162.33
FARSB	409.44	102.32	4.00	chr2	2q36.1	51	1132	310.02	128.82
Hs.307967	53.43	13.39	3.99	chr16	N/A	7	73	232.23	79.72
Hs.610328	87.39	22.01	3.97	chr2	N/A	1	304	0.00	133.11
DMPK	253.67	63.98	3.96	chr19	19q13.3	47	1509	134.18	110.72
Hs.643960	284.73	71.97	3.96	chr10	N/A	8	377	150.60	61.17
COQ10A	567.54	143.98	3.94	chr12	12q13.3	33	542	90.76	109.54
RTN4IP1	88.45	22.44	3.94	chr6	6q21	20	700	62.76	90.34
Hs.595885	212.68	53.96	3.94	chr2	N/A	1	304	0.00	50.69
Hs.731983	460.69	117.08	3.93	chr18	N/A	7	73	127.85	82.45
Hs.671303	311.96	79.29	3.93	chr15	N/A	1	304	0.00	66.80
HMX2	92.66	23.57	3.93	chr10	10q26.13	14	332	82.84	50.24
DBNDD2	1,240.89	315.88	3.93	chr20	20q13.12	32	499	162.43	163.75
NRXN2	219.81	56.11	3.92	chr11	11q13	47	1117	227.00	421.05
ALPP	56.84	14.54	3.91	chr2	2q37	26	879	162.51	117.12
MDH1	2,983.01	764.23	3.90	chr2	2p13.3	40	605	89.26	91.39
HCN4	309.17	79.31	3.90	chr15	15q24.1	32	848	154.16	381.77
BEST4	87.32	22.40	3.90	chr1	1p33-p32.3	19	396	74.26	149.18
EIF1B	1,131.93	290.83	3.89	chr3	3p22.1	31	881	68.57	108.31
CRLS1	364.89	93.78	3.89	chr20	20p13-p12.3	49	1852	122.65	213.19

Hs.573162	37.07	9.54	3.89	chr5	N/A	10	73	225.97	88.34
HADHB	1,868.25	480.69	3.89	chr2	2p23	23	504	55.55	57.33
Hs.539508	27.57	7.09	3.89	chr12	N/A	5	22	78.84	75.21
CDAN1	158.02	40.74	3.88	chr15	15q15.2	30	804	253.91	76.44
ETFB	1,054.43	272.26	3.87	chr19	19q13.3	61	794	76.32	98.85
TSTD2	222.82	57.60	3.87	chr9	9q22.33	60	746	149.33	161.30
PRKAA2	154.02	39.85	3.87	chr1	1p31	75	2062	244.88	189.50
C1orf210	120.01	31.05	3.86	chr1	1p34.2	22	396	226.29	112.07
CBWD6	109.71	28.47	3.85	chr9	9q21.11	13	28	75.20	98.32
KCNA5	99.18	25.77	3.85	chr12	12p13	23	499	145.30	117.74
ECI1	574.98	149.76	3.84	chr16	16p13.3	30	572	67.86	91.57
MFGE8	430.30	112.42	3.83	chr15	15q25	59	1306	227.81	184.88
UMODL1	25.68	6.71	3.83	chr21	21q22.3	23	335	102.67	112.05
COX4I1	2,738.27	716.32	3.82	chr16	16q24.1	53	1400	90.58	80.58
SEZ6L	121.51	31.81	3.82	chr22	22q12.1	78	2624	721.31	97.03
AKAP2	541.40	141.79	3.82	chr9	9q31.3	110	1519	314.11	297.26
CDKN2AIPNL	110.31	28.94	3.81	chr5	5q31.1	43	794	232.72	64.20
Hs.660516	150.14	39.43	3.81	chr5	N/A	8	377	95.97	126.89
FBRSL1	330.16	86.71	3.81	chr12	12q24.33	62	1927	209.68	413.07
LDHD	170.58	44.83	3.80	chr16	16q23.1	29	464	140.12	247.80
GJC1	117.64	30.93	3.80	chr17	17q21.31	52	1280	280.87	87.38
MED13L	530.95	139.94	3.79	chr12	12q24.21	98	2528	246.81	182.11
UQCRC1	1,437.97	380.05	3.78	chr3	3p21.3	35	628	86.22	85.34
GGT6	1,203.80	318.33	3.78	chr17	17p13.2	25	108	139.32	217.99
Hs.730119	61.33	16.27	3.77	chr12	N/A	14	332	76.28	101.79
NDUFB5	1,224.99	326.10	3.76	chr3	3q26.33	30	577	150.35	78.28
SLC16A1	196.95	52.46	3.75	chr1	1p12	46	2141	157.24	115.12
Hs.85989	37.97	10.11	3.75	chr4	N/A	13	28	81.46	63.55
HABP2	225.33	60.04	3.75	chr10	10q25.3	25	543	245.43	257.96
MYO18B	140.82	37.56	3.75	chr22	22q12.1	19	386	61.40	246.05
EPN1	264.27	70.57	3.74	chr19	19q13.42	29	847	195.45	87.29
GABPB2	136.53	36.61	3.73	chr1	1q21.3	40	245	307.90	188.25
FITM2	130.87	35.11	3.73	chr20	20q13.12	31	433	101.98	56.47
TPSG1	503.87	135.22	3.73	chr16	16p13.3	35	616	159.64	429.04
Hs.129581	26.39	7.08	3.73	chr16	N/A	18	450	92.03	91.97
ASB10	102.34	27.47	3.73	chr7	7q36.1	21	1002	185.07	171.52
GPR22	27.46	7.37	3.72	chr7	7q22-q31.1	22	762	96.75	91.86
IFNL3	36.22	9.73	3.72	chr19	19q13.13	17	344	129.59	75.99
Hs.149762	68.64	18.45	3.72	chr2	N/A	16	354	97.28	152.39
Hs.708940	558.65	150.46	3.71	chr3	N/A	5	51	81.25	51.76
CYP27C1	117.30	31.62	3.71	chr2	2q14.3	11	408	196.90	159.17
Hs.632480	1,578.21	425.68	3.71	chr1	N/A	7	73	236.22	121.13
Hs.658732	153.31	41.38	3.71	chr4	N/A	14	146	205.00	90.33
Hs.697535	892.14	240.86	3.70	chr7	N/A	7	73	64.73	223.05
TRABD2B	238.06	64.30	3.70	chr1	1p33	46	1142	164.99	702.56
EGLN3	144.10	38.93	3.70	chr14	14q13.1	50	1056	123.33	98.83
CYCS	1,061.62	287.76	3.69	chr7	7p15.3	60	1424	190.69	159.67
Hs.368399	91.75	24.88	3.69	chr15	N/A	1	304	0.00	165.22
BMP8A	136.88	37.23	3.68	chr1	1p34.3	61	1083	246.68	316.72
HAR1A	75.14	20.44	3.68	chr20	20q13.33	14	333	74.66	113.94
AURKAIP1	593.40	161.52	3.67	chr1	1p36.33	33	2053	101.90	131.20
Hs.505398	19.66	5.35	3.67	chr22	N/A	4	304	57.62	78.86
C16orf3	114.84	31.28	3.67	chr16	16q24.3	23	493	136.61	215.89
Hs.649421	32.53	8.86	3.67	chrX	N/A	2	16	115.20	78.39
HEY2	157.28	42.94	3.66	chr6	6q21	42	945	130.20	95.23
ATP5B	3,459.55	944.44	3.66	chr12	12q13.13	30	607	91.61	67.82
MTUS2	99.55	27.20	3.66	chr13	13q12.3	49	1508	87.89	114.77
Hs.569174	175.65	48.11	3.65	chr12	N/A	12	354	70.86	126.48
ECH1	922.47	252.72	3.65	chr19	19q13.1	52	729	128.95	87.26
GALE	298.11	81.69	3.65	chr1	1p36-p35	38	1185	263.86	112.18
C10orf71	221.85	60.83	3.65	chr10	10q11.23	10	319	85.69	290.77
Hs.662889	64.72	17.77	3.64	chr11	N/A	2	16	128.24	49.27
Hs.706903	148.13	40.71	3.64	chr6	N/A	7	73	228.74	101.01
GATA6	248.27	68.25	3.64	chr18	18q11.1-q11.2	39	891	85.34	183.95
VWF	979.27	269.22	3.64	chr12	12p13.3	66	1126	109.03	150.71
DLGAP3	207.87	57.16	3.64	chr1	1p35.3-p34.1	23	460	115.17	278.20
ATXN7L2	182.32	50.15	3.64	chr1	1p13.3	31	476	210.42	149.38
LOC400464	16.82	4.64	3.63	chr15	15q26.3	14	12	109.24	39.52
FAM155B	136.05	37.52	3.63	chrX	Xq13.1	30	570	54.70	76.55
LOC100506926	40.59	11.20	3.62	chr6	N/A	3	320	155.14	215.85
SNTA1	489.75	135.18	3.62	chr20	20q11.2	47	675	98.04	110.61
ITGA7	595.20	164.41	3.62	chr12	12q13	45	1024	122.98	143.22
IL18BP	147.84	40.87	3.62	chr11	11q13	55	1175	337.86	119.42
C21orf90	82.59	22.84	3.62	chr21	21q22.3	25	720	411.67	69.30
RAX2	614.41	170.11	3.61	chr19	19p13.3	32	528	168.88	420.82
RCOR2	946.93	262.64	3.61	chr11	11q13.1	29	421	138.72	323.58
ICAM2	402.17	111.59	3.60	chr17	17q23.3	27	582	64.80	106.28
Hs.31037	129.72	36.01	3.60	chr17	N/A	29	411	155.06	319.32
EN2	126.54	35.32	3.58	chr7	7q36	37	656	153.80	275.80
MLLT4-AS1	203.78	56.89	3.58	chr6	6q27	24	567	134.48	377.32
Hs.171487	44.45	12.46	3.57	chr18	N/A	8	51	181.19	83.45
Hs.658739	119.49	33.50	3.57	chr8	N/A	7	73	225.42	49.75
NOMO2	557.08	156.59	3.56	chr16	16p12.3	29	913	143.81	160.81
Hs.437857	143.90	40.47	3.56	chr22	N/A	2	608	23.26	100.98
Hs.656957	35.04	9.86	3.55	chr1	N/A	8	377	213.23	91.64
Hs.553493	304.45	85.71	3.55	chr3	N/A	8	377	237.16	100.82
SERP2	83.86	23.65	3.55	chr13	13q14.11	27	1685	89.49	215.82
DNM3	129.96	36.70	3.54	chr1	1q24.3	30	1156	466.66	189.92
CSDC2	184.26	52.05	3.54	chr22	22q13.2	40	589	100.28	143.51
IRGM	13.89	3.93	3.53	chr5	5q33.1	4	304	73.15	85.13
Hs.596026	200.92	56.99	3.53	chr5	N/A	4	304	60.88	61.92
ZNF106	668.51	189.78	3.52	chr15	15q15.1	57	1134	107.69	152.44
LSMEM2	70.04	19.93	3.51	chr3	3p21.31	18	384	82.27	79.79

NMUR1	74.85	21.31	3.51	chr2	2q37.1	21	459	129.50	342.68
Hs.731897	259.07	73.77	3.51	chr13	N/A	18	409	108.89	267.50
NBLA00301	64.82	18.47	3.51	chr4	4q34.1	43	926	94.05	142.53
Hs.666013	109.61	31.24	3.51	chr9	N/A	1	304	0.00	76.16
Hs.660880	120.87	34.45	3.51	chr1	N/A	1	304	0.00	63.52
RNASE10	45.40	12.94	3.51	chr14	14q11.2	5	52	68.38	35.64
ACAA2	434.27	123.78	3.51	chr18	18q21.1	37	1072	118.96	184.53
CLTB	700.78	199.75	3.51	chr5	5q35	67	1989	253.96	145.94
NRARP	48.56	13.85	3.51	chr9	9q34.3	12	12	117.33	43.74
ATP5G3	2,069.38	590.62	3.50	chr2	2q31.1	52	1402	88.91	105.87
Hs.600080	804.90	229.94	3.50	chr12	N/A	8	377	69.33	64.62
CHST7	131.45	37.56	3.50	chrX	Xp11.23	32	599	121.81	88.86
Hs.593827	1,314.40	375.58	3.50	chr6	N/A	7	73	79.36	152.66
PDE4DIP	325.95	93.21	3.50	chr1	1q12	240	5986	246.21	357.87
ISPD	127.20	36.39	3.50	chr7	7p21.2	4	68	105.20	82.42
Hs.729617	172.61	49.39	3.49	chr3	N/A	3	66	52.63	99.26
DFFA	375.53	107.50	3.49	chr1	1p36.3-p36.2	47	909	241.69	63.93
LILRB3	172.10	49.29	3.49	chr19	19q13.4	67	1508	394.03	131.61
Hs.597574	388.90	111.48	3.49	chr2	N/A	1	304	0.00	47.93
PFKM	1,150.20	330.09	3.48	chr12	12q13.3	30	574	50.61	140.14
GABARAPL1	608.63	174.81	3.48	chr12	12p13.2	45	1020	113.08	125.46
WNT4	92.38	26.56	3.48	chr1	1p36.23-p35.1	70	1494	370.89	154.21
FGF8	25.12	7.22	3.48	chr10	10q24	28	543	170.19	144.03
ATP5J	2,254.25	648.88	3.47	chr21	21q21.1	36	575	84.88	77.51
LOC100507477	80.96	23.31	3.47	chr6	N/A	12	681	65.58	110.06
PDE3B	281.30	81.03	3.47	chr11	11p15.1	57	1905	309.75	428.16
MLF1	316.11	91.11	3.47	chr3	3q25.1	69	1577	210.32	484.16
MDH2	988.77	285.20	3.47	chr7	7cen-q22	54	1114	199.04	113.70
GADD45GIP1	146.44	42.25	3.47	chr19	19p13.2	35	1247	93.45	115.94
FAM43B	129.20	37.29	3.46	chr1	1p36.12	26	400	120.77	142.34
ACTRT1	92.85	26.80	3.46	chrX	Xq25	18	83	84.39	94.91
COQ9	533.55	154.01	3.46	chr16	16q21	41	892	127.49	110.22
Hs.745114	109.15	31.51	3.46	chr22	N/A	5	51	137.21	78.28
FAM115C	81.53	23.54	3.46	chr7	7q35	46	985	293.26	64.62
TGFBRAP1	185.08	53.49	3.46	chr2	2q12.1	35	994	477.04	60.15
MLYCD	223.01	64.49	3.46	chr16	16q24	52	712	98.88	82.36
COX5B	2,094.32	606.73	3.45	chr2	2q11.2	54	1949	84.10	89.27
ACADVL	1,948.34	564.55	3.45	chr17	17p13.1	35	577	83.11	85.10
ACOT2	449.35	130.21	3.45	chr14	14q24.3	40	532	78.98	99.70
NDUFS8	785.91	227.88	3.45	chr11	11q13	36	1301	106.21	91.21
ZNF417	34.59	10.04	3.44	chr19	19q13.43	25	345	93.43	100.39
KRT81	133.14	38.65	3.44	chr12	12q13	26	492	147.89	291.32
Hs.569882	504.44	146.68	3.44	chr18	N/A	7	73	67.30	80.74
Hs.659900	18.16	5.28	3.44	chr2	N/A	3	326	97.62	67.30
Hs.540858	24.26	7.06	3.44	chr17	N/A	6	66	71.27	92.83
HSPB6	598.85	174.49	3.43	chr19	19q13.12	45	1016	179.35	232.54
Hs.673413	104.56	30.47	3.43	chrX	N/A	5	51	66.66	119.68
Hs.22973	52.40	15.29	3.43	chr2	N/A	8	377	208.75	120.78
Hs.654950	193.43	56.54	3.42	chr8	N/A	8	377	103.36	185.90
DPYSL4	94.87	27.75	3.42	chr10	10q26	40	1430	133.63	101.06
COX19	161.40	47.24	3.42	chr7	7p22.3	45	991	561.26	86.50
Hs.148649	28.94	8.49	3.41	chr7	N/A	11	377	243.74	75.65
NDUFV1	672.94	198.06	3.40	chr11	11q13	37	954	92.71	93.92
ASB15	39.76	11.71	3.40	chr7	7q31.31	9	356	64.03	119.45
GALNT3	330.34	97.36	3.39	chr2	2q24-q31	52	1110	225.03	374.87
Hs.274878	16.08	4.74	3.39	chr2	N/A	5	608	81.99	71.89
RILPL1	326.37	96.29	3.39	chr12	12q24.31	28	712	119.46	105.60
NDUFA4	3,706.51	1,093.77	3.39	chr7	7p21.3	38	566	53.98	84.04
MMP23B	79.63	23.55	3.38	chr1	1p36.3	66	810	104.57	131.51
HIST1H1C	435.47	128.86	3.38	chr6	6p21.3	30	577	87.36	127.30
PPM1H	113.23	33.51	3.38	chr12	12q14.1	65	1473	666.40	160.10
NDUFS5	2,658.36	787.52	3.38	chr1	1p34.2-p33	30	589	68.43	70.44
MAP7D1	727.89	215.69	3.37	chr1	1p34.3	28	488	74.21	68.94
ACADM	1,099.09	325.84	3.37	chr1	1p31	33	577	182.53	113.66
SPDYE2	822.25	244.17	3.37	chr7	7q22.1	14	105	143.12	117.30
ROBO2	69.27	20.59	3.36	chr3	3p12.3	71	1400	351.65	113.11
CASKIN1	274.96	81.77	3.36	chr16	16p13.3	26	987	138.26	385.93
Hs.573214	20.04	5.96	3.36	chr5	N/A	10	73	108.80	76.40
SRF	204.21	60.89	3.35	chr6	6p21.1	57	1092	151.05	94.53
Hs.509410	1,019.80	304.22	3.35	chr6	N/A	15	450	205.20	297.18
Hs.633088	37.03	11.05	3.35	chr19	N/A	2	16	101.75	54.74
CDH22	217.73	65.04	3.35	chr20	20q13.1	41	892	172.76	94.32
IRX4	98.74	29.50	3.35	chr5	5p15.3	31	482	67.68	113.81
Hs.668281	30.59	9.15	3.34	chr12	N/A	7	73	80.48	50.78
LAMA2	267.20	79.91	3.34	chr6	6q22-q23	53	1888	193.41	217.92
EHD4	191.94	57.41	3.34	chr15	15q11.1	32	1747	102.48	95.48
LOC401321	67.33	20.14	3.34	chr7	7p14.3	13	985	69.21	79.49
Hs.544332	92.58	27.73	3.34	chr6	N/A	7	73	60.35	78.54
FNDC5	204.38	61.25	3.34	chr1	1p35.1	26	1019	109.18	127.36
MGST3	1,646.09	493.37	3.34	chr1	1q23	43	1018	89.55	118.02
Hs.481342	672.01	201.48	3.34	chr4	N/A	10	985	63.64	150.57
FLJ34503	15.52	4.66	3.33	chr6	6q21	14	318	110.12	43.63
AGBL3	78.71	23.64	3.33	chr7	7q33	41	1201	353.30	538.60
CACNA1C	80.59	24.20	3.33	chr12	12p13.3	83	1985	129.26	96.60
LAPTM4B	988.18	296.87	3.33	chr8	8q22.1	64	1822	118.99	103.91
Hs.544325	18.29	5.50	3.33	chr6	N/A	5	22	62.04	53.51
Hs.666637	35.10	10.56	3.32	chr2	N/A	7	73	139.38	87.11
MRPL50	153.15	46.16	3.32	chr9	9q31.1	28	1077	61.20	89.35
LRRC14	135.94	41.06	3.31	chr8	8q24.3	49	1089	201.03	121.68
RHOC	280.63	84.76	3.31	chr1	1p13.1	46	557	94.12	156.96
LPL	1,403.76	424.71	3.31	chr8	8p22	42	1081	79.84	214.32
ADSSL1	347.35	105.13	3.30	chr14	14q32.33	47	917	145.78	334.44
Hs.292860	78.66	23.81	3.30	chr7	N/A	12	636	60.05	99.81

ATP2B1	267.49	81.06	3.30	chr12	12q21.3	55	1529	296.76	86.04
NCKAP5L	159.68	48.42	3.30	chr12	12q13.12	17	696	53.89	82.05
Hs.603449	39.11	11.86	3.30	chr4	N/A	2	22	39.01	69.60
ARHGAP33	241.50	73.29	3.30	chr19	19q13.12	67	1516	185.67	333.57
SLC6A3	89.24	27.10	3.29	chr5	5p15.3	44	721	547.74	78.51
Hs.662581	65.35	19.88	3.29	chr17	N/A	8	377	84.73	138.78
LAMB2	549.52	167.39	3.28	chr3	3p21	30	577	60.51	68.79
Hs.121525	75.10	22.89	3.28	chr14	N/A	14	332	48.76	101.59
Hs.603084	138.78	42.31	3.28	chr1	N/A	1	304	0.00	99.72
LOC400958	32.75	9.99	3.28	chr2	2p14	4	304	62.09	66.49
NDUFB3	982.88	299.99	3.28	chr2	2q31.3	33	574	88.34	86.98
Hs.62909	187.36	57.22	3.27	chr1	N/A	15	450	128.24	58.21
NRTN	39.38	12.05	3.27	chr19	19p13.3	28	555	100.37	174.37
SMARCC2	481.87	147.74	3.26	chr12	12q13.2	79	1532	213.40	133.30
LOC100287877	36.05	11.06	3.26	chr1	1p36.31	4	304	58.43	76.93
MASP1	119.15	36.61	3.25	chr3	3q27-q28	106	2355	211.85	155.18
Hs.591241	289.71	89.07	3.25	chr2	N/A	17	549	216.04	86.38
Hs.598543	150.11	46.24	3.25	chr2	N/A	8	377	126.29	129.46
Hs.666838	15.14	4.67	3.24	chr7	N/A	8	12	19.96	29.66
Hs.665359	204.23	62.95	3.24	chr8	N/A	22	534	176.62	112.11
Hs.575483	19.53	6.02	3.24	chr7	N/A	10	73	67.80	98.82
Hs.655051	80.37	24.81	3.24	chr17	N/A	8	355	45.17	76.60
Hs.563856	107.53	33.24	3.23	chr1	N/A	1	304	0.00	61.40
DOK7	124.52	38.56	3.23	chr4	4p16.3	26	467	102.64	124.15
SCT	43.98	13.63	3.23	chr11	11p15.5	21	465	190.46	110.33
NDUFA7	543.67	168.86	3.22	chr19	19p13.2	30	589	70.02	98.48
Hs.586377	1,755.86	545.41	3.22	chr8	N/A	16	754	64.87	242.45
Hs.715807	762.86	237.08	3.22	chrY	N/A	7	73	188.33	98.00
POMGNT1	155.36	48.28	3.22	chr1	1p34.1	29	1141	108.64	84.76
Hs.659764	122.61	38.13	3.22	chr9	N/A	7	73	167.13	70.25
Hs.706364	53.28	16.62	3.21	chr15	N/A	5	51	88.06	99.86
HIST1H3B	55.85	17.43	3.20	chr6	6p22.1	31	493	136.51	177.21
TYRP1	185.54	57.95	3.20	chr9	9p23	45	762	156.41	361.28
Hs.711015	807.77	252.43	3.20	chrX	N/A	10	73	231.43	132.56
TSPAN9	188.77	59.05	3.20	chr12	12p13.33-p13.1	62	1171	327.61	158.52
Hs.594963	198.70	62.16	3.20	chr3	N/A	1	304	0.00	79.10
Hs.708278	1,345.45	421.03	3.20	chr3	N/A	7	73	54.14	42.80
ZNF713	364.27	114.09	3.19	chr7	7p11.2	17	332	96.80	559.70
Hs.290538	35.03	10.98	3.19	chr14	N/A	10	73	229.87	75.39
Hs.743640	201.11	63.06	3.19	chr8	N/A	3	320	97.15	83.84
CRYBA1	51.86	16.27	3.19	chr17	17q11.2	30	553	244.51	220.90
Hs.721230	32.60	10.23	3.19	chrX	N/A	3	66	139.21	77.84
PPP1R1A	419.67	131.80	3.18	chr12	12q13.2	48	980	97.83	232.09
Hs.666824	219.65	69.03	3.18	chr4	N/A	7	73	73.12	46.45
PRADC1	307.84	96.76	3.18	chr2	2p13.2	23	469	206.27	135.16
Hs.527657	35.49	11.17	3.18	chr1	N/A	4	304	62.78	68.82
VWA7	77.25	24.33	3.17	chr6	6p21.33	21	453	111.58	129.96
Hs.696462	80.69	25.45	3.17	chr3	N/A	3	320	63.94	124.84
CHCHD10	1,436.57	454.20	3.16	chr22	22q11.23	24	405	146.30	114.74
ACTBL2	141.36	44.70	3.16	chr5	5q11.2	15	80	92.41	102.21
CCND2	343.84	108.78	3.16	chr12	12p13	65	1816	211.76	142.75
Hs.714911	303.60	96.15	3.16	chr2	N/A	7	73	185.79	77.81
NDUFA1	2,248.33	712.30	3.16	chrX	Xq24	40	605	55.82	68.97
DTNA	159.36	50.57	3.15	chr18	18q12	122	3768	257.53	209.45
RAB21	389.27	123.56	3.15	chr12	12q21.1	43	968	208.58	369.47
ARHGEF10L	349.19	110.85	3.15	chr1	1p36.13	42	865	155.11	180.74
Hs.669982	41.51	13.18	3.15	chr16	N/A	1	304	0.00	65.86
Hs.713996	105.78	33.60	3.15	chr3	N/A	7	73	247.54	90.41
Hs.196042	18.68	5.94	3.15	chr3	N/A	4	304	78.70	79.51
Hs.123511	37.64	11.96	3.15	chr11	N/A	5	22	80.51	69.46
Hs.612374	352.41	112.10	3.14	chr4	N/A	1	304	0.00	95.57
SYNDIG1	166.44	52.94	3.14	chr20	20p11.21	21	457	53.47	123.28
TGM2	228.43	72.66	3.14	chr20	20q12	63	1902	200.05	165.06
DRD4	1,140.64	363.04	3.14	chr11	11p15.5	33	529	178.81	430.90
NDUFA11	1,189.45	378.73	3.14	chr19	19p13.3	42	1253	211.73	127.77
TOR4A	83.30	26.54	3.14	chr9	9q34.3	33	1088	66.26	111.81
PHLDB2	174.65	55.69	3.14	chr3	3q13.2	86	2271	212.10	193.43
Hs.645882	217.42	69.33	3.14	chr11	N/A	12	493	103.55	77.91
C17orf89	283.94	90.68	3.13	chr17	17q25.3	20	1013	56.11	123.57
DPH6-AS1	25.46	8.13	3.13	chr15	N/A	4	304	58.82	58.68
Hs.571228	18.77	6.00	3.13	chr7	N/A	3	1	32.03	0.00
Hs.664985	33.52	10.71	3.13	chr14	N/A	7	73	130.06	109.86
Hs.710008	120.80	38.61	3.13	chr12	N/A	8	377	68.41	148.16
Hs.577053	64.92	20.75	3.13	chr11	N/A	4	304	41.17	52.94
Hs.544328	1,624.70	519.33	3.13	chr6	N/A	3	66	95.20	102.80
Hs.668249	45.11	14.42	3.13	chr11	N/A	1	304	0.00	61.58
Hs.733818	99.80	31.92	3.13	chr2	N/A	1	304	0.00	49.42
RPH3AL	100.32	32.14	3.12	chr17	17p13.3	37	1219	426.00	106.82
Hs.603636	32.89	10.57	3.11	chr3	N/A	2	22	54.16	69.32
KIAA1024L	17.98	5.78	3.11	chr5	5q23.3	5	16	46.50	64.42
HAND1	198.66	63.82	3.11	chr5	5q33	21	454	135.94	360.34
MOGAT3	42.36	13.61	3.11	chr7	7q22.1	17	336	84.81	78.91
PLAC9	272.94	87.89	3.11	chr10	10q22.3	5	608	81.93	133.86
CARM1	163.62	52.72	3.10	chr19	19p13.2	15	121	152.89	74.55
Hs.554459	217.48	70.07	3.10	chr5	N/A	7	73	146.71	53.30
ECSIT	199.75	64.43	3.10	chr19	19p13.2	28	544	80.57	81.21
SF3A2	286.03	92.28	3.10	chr19	19p13.3	39	1063	166.07	178.38
TRIM54	103.14	33.30	3.10	chr2	2p23.3	41	583	87.59	189.84
CD151	562.71	182.02	3.09	chr11	11p15.5	36	577	189.63	88.93
Hs.353387	35.36	11.45	3.09	chr21	N/A	4	304	38.14	88.08
Hs.596498	84.34	27.32	3.09	chr8	N/A	7	73	220.70	85.22
SCHIP1	396.63	128.49	3.09	chr3	3q25.32-q25.3	39	650	114.55	150.88
OR4D1	161.52	52.33	3.09	chr17	17q23.2	10	672	155.21	200.98

Hs.292142	33.22	10.77	3.09	chr1	N/A	7	73	218.72	76.56
Hs.657243	152.68	49.50	3.08	chr15	N/A	2	22	49.62	125.10
LRRC2	159.16	51.61	3.08	chr3	3p21.31	52	916	108.84	246.44
Hs.596475	62.09	20.16	3.08	chr5	N/A	13	940	70.46	79.32
Hs.599423	137.53	44.65	3.08	chr6	6p24.2	28	1106	381.91	138.44
Hs.601168	61.61	20.01	3.08	chr13	N/A	11	377	115.13	139.08
Hs.587465	33.23	10.80	3.08	chr8	N/A	9	681	104.31	204.20
Hs.666495	35.25	11.46	3.08	chr13	N/A	4	304	58.49	57.90
Hs.599423	36.89	12.00	3.07	chr15	N/A	9	95	178.79	100.44
DAAM1	346.08	112.89	3.07	chr14	14q23.1	78	1969	551.84	125.17
Hs.713084	178.91	58.43	3.06	chr11	N/A	1	304	0.00	105.05
C19orf73	180.20	59.06	3.05	chr19	19q13.33	30	464	169.96	366.37
NDUFA5	399.23	130.92	3.05	chr7	7q31.33	52	1110	129.96	140.69
Hs.571035	16.58	5.44	3.05	chr6	N/A	5	608	71.44	109.85
GPI	1,156.59	379.73	3.05	chr19	19q13.1	30	572	48.67	72.64
CNOT11	456.67	149.99	3.04	chr2	2q11.2	6	329	87.63	40.60
SDHA	766.60	251.83	3.04	chr5	5p15	49	624	70.14	60.60
GAP43	176.64	58.03	3.04	chr3	3q13.1-q13.2	43	1409	592.75	205.60
NSMCE4A	188.91	62.11	3.04	chr10	10q26.13	55	1674	241.90	82.30
TBRG4	251.90	82.86	3.04	chr7	7p13	49	986	182.30	299.51
SAMM50	253.48	83.49	3.04	chr22	22q13.31	33	1593	105.00	102.08
FGF18	63.59	20.96	3.03	chr5	5q34	68	2659	122.57	90.34
TMOD1	363.83	119.91	3.03	chr9	9q22.3	30	1344	135.97	105.56
CEACAM7	122.66	40.47	3.03	chr19	19q13.2	48	1394	493.79	348.11
SCN2A	63.02	20.80	3.03	chr2	2q24.3	49	998	497.16	136.66
Hs.550924	20.21	6.68	3.03	chr17	N/A	4	304	58.70	60.55
CAND2	275.61	91.06	3.03	chr3	3p25.2	29	633	97.27	153.81
Hs.439713	70.25	23.23	3.02	chr19	N/A	11	377	163.05	191.04
Hs.603324	81.05	26.85	3.02	chr12	N/A	7	73	88.28	175.98
BMP8B	117.87	39.08	3.02	chr1	1p35-p32	27	917	316.29	546.48
COX14	670.18	222.59	3.01	chr12	12q13.12	26	469	81.48	73.72
Hs.655976	56.62	18.81	3.01	chr6	N/A	15	389	77.48	81.34
ZNF354C	374.70	124.51	3.01	chr5	5q35	30	769	228.47	307.21
ENDOU	146.27	48.67	3.01	chr12	12q13.1	48	611	615.49	259.84
GLRX5	608.37	202.58	3.00	chr14	14q32.13	28	533	95.86	81.60
Hs.574978	363.18	121.01	3.00	chr3	N/A	8	377	64.17	509.17
C9orf38	48.06	16.05	2.99	chr9	9p24.1	18	456	88.51	92.09
Hs.546323	544.45	181.91	2.99	chr13	N/A	7	73	49.19	55.70
TCF24	12.79	4.28	2.99	chr8	8q13.1	4	304	35.77	88.90
LOC439951	174.05	58.27	2.99	chr10	10p14	14	332	70.47	218.68
FAM195B	483.15	161.88	2.98	chr17	17q25.3	19	392	127.44	148.65
Hs.660246	164.72	55.20	2.98	chr4	N/A	14	146	99.98	107.50
SLC35F4	53.12	17.83	2.98	chr14	14q22.2	13	393	201.19	123.15
IL27	267.88	89.95	2.98	chr16	16p11	21	416	113.86	281.83
ZNF248	195.42	65.68	2.98	chr10	10p11.2	43	944	261.12	111.04
Hs.26920	22.56	7.59	2.97	chr15	N/A	4	304	65.81	65.96
KIRREL3-AS2	49.13	16.54	2.97	chr11	N/A	4	306	30.79	93.74
Hs.675021	41.38	13.93	2.97	chr10	N/A	13	940	73.14	267.29
SIPR1	317.37	106.84	2.97	chr1	1p21	37	650	125.52	111.90
OPLAH	141.76	47.75	2.97	chr8	8q24.3	28	529	76.44	104.96
Hs.590720	14.66	4.94	2.97	chr9	N/A	1	304	0.00	101.09
TIMM8B	877.36	295.69	2.97	chr11	11q23.1-q23.2	29	854	67.75	87.36
Hs.26579	51.78	17.46	2.97	chr10	N/A	14	332	94.24	51.51
Hs.733285	527.02	177.86	2.96	chr1	N/A	7	73	65.60	92.26
ERCC1	270.73	91.45	2.96	chr19	19q13.32	53	1126	96.05	53.95
ZNF675	54.08	18.29	2.96	chr19	19p12	31	488	116.24	155.78
SYDE2	38.36	12.97	2.96	chr1	1p22.3	6	327	20.17	77.37
Hs.145851	31.01	10.49	2.96	chr3	N/A	10	73	181.17	86.12
PCNX14	79.03	26.74	2.96	chr14	14q23.1	53	1834	229.65	237.46
LOC100652824	160.94	54.55	2.95	chr2	2q33.1	27	372	146.95	187.69
IGSF5	46.88	15.90	2.95	chr21	21q22.2	13	398	99.47	62.72
LOC100996549	23.38	7.93	2.95	chr2	N/A	4	304	53.02	60.67
ANP32A-IT1	251.15	85.21	2.95	chr15	15q23	38	507	179.36	491.30
EPHA4	220.38	74.83	2.95	chr2	2q36.1	70	1787	231.60	255.54
KCNK15	44.62	15.17	2.94	chr20	20q13.12	32	795	120.56	148.25
ACTL6B	43.86	14.94	2.94	chr7	7q22	28	917	120.03	135.75
TAAR5	72.36	24.69	2.93	chr6	6q23	21	465	106.84	167.44
Hs.136472	27.22	9.29	2.93	chr6	N/A	7	73	142.05	119.66
EFCAB12	88.25	30.14	2.93	chr3	3q21.3	14	335	65.41	97.96
STX3	208.94	71.50	2.92	chr11	11q12.1	50	1436	173.44	117.76
COL21A1	156.84	53.71	2.92	chr6	6p12.3-p11.2	37	638	173.81	121.04
VSTM2B	23.85	8.17	2.92	chr19	19q12	2	16	123.84	122.93
ODF3L2	155.10	53.12	2.92	chr19	19p13.3	27	372	187.24	74.08
Hs.654703	37.39	12.82	2.92	chr3	N/A	7	73	179.56	60.39
IDH3A	334.53	114.89	2.91	chr15	15q25.1-q25.2	62	1126	155.14	181.08
LINC00304	64.24	22.06	2.91	chr16	16q24.3	12	642	217.00	293.13
SMARCD3	183.51	63.09	2.91	chr7	7q35-q36	39	919	92.35	111.25
MYH7B	77.82	26.77	2.91	chr20	20q11.22	26	839	87.42	205.17
PET112	155.18	53.38	2.91	chr4	4q31.3	29	577	82.92	98.86
ORC6	406.17	139.75	2.91	chr16	16q12	58	656	230.11	324.05
CUL4A	275.16	94.68	2.91	chr13	13q34	73	2134	143.87	140.75
Hs.595793	182.27	62.77	2.90	chr2	N/A	7	73	74.63	79.26
HIST1H3I	43.37	14.95	2.90	chr6	6p22.1	28	554	79.04	115.14
C1orf53	51.13	17.63	2.90	chr1	1q31.3	20	757	92.32	109.87
PTGR2	49.30	17.01	2.90	chr14	14q24.3	32	424	40.86	76.96
ANAPC11	716.74	247.88	2.89	chr17	17q25.3	32	700	117.30	143.76
NUDT8	172.77	59.86	2.89	chr11	11q13.2	17	91	99.95	101.91
Hs.644848	74.64	25.87	2.88	chr8	N/A	7	73	202.91	76.53
Hs.432548	137.45	47.67	2.88	chr10	N/A	8	377	90.08	78.83
TMEM143	165.72	57.49	2.88	chr19	19q13.33	29	830	103.54	132.70
ANKK1	2,231.22	774.04	2.88	chr11	11q23.2	18	80	107.26	180.67
PARP10	289.47	100.48	2.88	chr8	8q24.3	64	1606	220.89	310.34
PHPT1	854.10	296.53	2.88	chr9	9q34.3	42	852	199.29	141.17

DPEP3	77.19	26.82	2.88	chr16	16q22.1	21	465	88.25	177.84
NOP16	215.95	75.09	2.88	chr5	5q35.2	52	1905	220.74	224.01
BREA2	53.32	18.55	2.87	chr8	8q24.3	14	398	70.63	126.47
Hs.708357	463.96	161.70	2.87	chr2	N/A	1	304	0.00	59.34
FGF7	113.20	39.47	2.87	chr15	15q21.2	66	1339	453.81	483.90
PTGDS	4,479.91	1,563.04	2.87	chr9	9q34.2-q34.3	44	1507	59.69	162.64
UQCRC2	1,117.90	390.64	2.86	chr16	16p12	51	1380	156.90	130.85
MSH3	141.25	49.36	2.86	chr5	5q11-q12	63	1112	364.72	56.99
ATPAF1	397.60	138.94	2.86	chr1	1p33-p32.3	52	914	145.55	114.78
LOC150381	446.36	156.11	2.86	chr22	22q13.31	1	304	0.00	47.59
SEPT5	78.57	27.51	2.86	chr22	22q11.21	54	990	205.75	108.02
LOC100289090	112.58	39.44	2.85	chr15	15q15.1	12	636	43.40	115.02
SLC16A12	87.08	30.52	2.85	chr10	10q23.31	46	358	304.03	121.34
Hs.716502	489.20	171.55	2.85	chr10	N/A	14	146	67.63	103.59
HIST1H3F	38.65	13.55	2.85	chr6	6p22.2	25	497	105.67	108.10
DUSP19	35.20	12.35	2.85	chr2	2q32.1	51	1220	289.00	83.91
Hs.714436	682.37	239.34	2.85	chr1	N/A	7	73	61.07	70.78
Hs.655252	65.01	22.81	2.85	chr8	N/A	7	73	151.65	61.41
Hs.539888	28.72	10.08	2.85	chr14	N/A	5	22	69.02	51.63
BZW2	685.88	240.97	2.85	chr7	7p21.1	21	460	59.98	91.79
B3GALNT1	78.58	27.64	2.84	chr3	3q25	51	1250	122.47	97.40
AAMDC	219.04	77.08	2.84	chr11	11q14.1	31	1300	69.04	107.41
FGD1	142.17	50.05	2.84	chrX	Xp11.21	33	537	144.71	56.65
TACO1	143.27	50.44	2.84	chr17	17q23.3	29	842	114.87	84.46
Hs.731614	278.56	98.08	2.84	chr1	N/A	7	73	92.77	251.65
GRIN2D	107.61	37.91	2.84	chr19	19q13.33	31	877	112.43	259.62
Hs.659928	31.37	11.06	2.84	chr5	N/A	23	827	206.09	148.21
NDUFA9	605.46	213.55	2.84	chr12	12p13.3	42	657	93.12	67.24
Hs.348434	22.28	7.86	2.83	chr3	N/A	1	304	0.00	56.27
CHRNA5	55.20	19.48	2.83	chr15	15q24	31	544	173.27	75.16
XCR1	41.21	14.55	2.83	chr3	3p21.3	27	465	97.41	138.14
STBD1	137.71	48.68	2.83	chr4	4q21.1	53	1477	228.87	193.03
Hs.511486	240.24	85.04	2.82	chr7	N/A	15	450	152.68	251.44
ATP5D	628.33	222.45	2.82	chr19	19p13.3	50	1064	84.08	95.45
SLC22A18AS	129.29	45.84	2.82	chr11	11p15.5	30	572	140.47	64.74
Hs.145224	77.16	27.36	2.82	chr4	N/A	1	304	0.00	50.29
Hs.644649	698.25	247.86	2.82	chr12	N/A	5	51	48.98	90.93
DLD	421.17	149.62	2.81	chr7	7q31-q32	47	1049	130.59	103.26
HLA-F-AS1	306.59	108.96	2.81	chr6	6p22.1	26	825	98.14	163.53
CRTC1	514.88	183.21	2.81	chr19	19p13.11	51	1092	243.53	420.28
PLIN2	373.55	133.23	2.80	chr9	9p22.1	45	1070	203.54	196.81
ZNF622	258.76	92.34	2.80	chr5	5p15.1	19	396	67.78	58.49
ATP5G2	1,222.16	436.63	2.80	chr12	12q13.13	43	1036	113.33	130.48
Hs.586443	42.01	15.02	2.80	chr9	N/A	8	377	123.55	109.78
C14orf180	120.32	43.04	2.80	chr14	14q32.33	8	610	72.46	197.40
Hs.568066	166.95	59.90	2.79	chr15	N/A	8	12	10.83	50.88
MIR100HG	436.20	156.52	2.79	chr11	11q24.1	18	405	333.93	113.37
UQCRH	1,838.52	660.61	2.78	chr1	1p34.1	39	544	54.18	54.42
FMN2	98.14	35.29	2.78	chr1	1q43	60	1611	690.16	154.82
LOC100996694	63.70	22.93	2.78	chr4	N/A	8	377	73.52	70.94
C17orf59	96.32	34.67	2.78	chr17	17p13.1	33	1108	90.27	134.75
LOC100129291	39.83	14.34	2.78	chrX	Xq13.1	2	16	113.68	76.57
Hs.7093	24.55	8.85	2.77	chr5	N/A	11	377	233.65	109.44
POLR2F	349.80	126.07	2.77	chr22	22q13.1	33	897	83.01	91.10
Hs.151159	17.00	6.13	2.77	chr10	N/A	5	22	83.55	84.92
LOC100287896	64.65	23.32	2.77	chr11	11q13.4	7	305	109.46	75.20
Hs.732430	255.61	92.38	2.77	chr5	N/A	8	377	95.39	96.91
Hs.666259	27.79	10.05	2.77	chr5	N/A	14	146	240.95	91.61
Hs.543068	27.46	9.93	2.77	chr3	N/A	5	22	71.72	93.66
NDUFB6	467.49	169.26	2.76	chr9	9p21.1	34	881	66.82	96.09
PCDHB13	41.22	14.93	2.76	chr5	5q31	32	787	129.25	127.44
NUCB1	397.78	144.30	2.76	chr19	19q13.33	57	1086	310.16	86.60
GPC1	302.17	109.63	2.76	chr2	2q35-q37	33	975	76.58	124.85
MRPL12	190.13	69.13	2.75	chr17	17q25	31	881	89.20	94.70
PYGB	252.36	91.77	2.75	chr20	20p11.21	39	885	91.18	124.98
PKIA	255.10	92.82	2.75	chr8	8q21.12	46	990	108.05	192.40
Hs.36808	23.72	8.63	2.75	chr21	N/A	10	73	126.71	85.54
FAM69B	77.18	28.09	2.75	chr9	9q34.3	25	1256	88.15	98.08
ILVBL	278.47	101.43	2.75	chr19	19p13.1	41	1019	93.99	62.91
Hs.124514	22.74	8.29	2.74	chr20	N/A	4	304	79.65	77.95
Hs.600692	35.92	13.11	2.74	chr3	N/A	7	73	209.03	70.81
Hs.743228	395.64	144.56	2.74	chr7	N/A	1	304	0.00	120.10
DUSP3	357.87	130.78	2.74	chr17	17q21	71	1681	180.59	147.32
Hs.325015	261.39	95.56	2.74	chr4	N/A	20	405	289.35	210.85
DAND5	51.56	18.85	2.74	chr19	19p13.2	17	336	49.99	46.14
Hs.134626	22.98	8.40	2.74	chr15	N/A	7	73	105.52	76.31
GHITM	1,057.43	386.68	2.73	chr10	10q23.1	39	1335	111.63	64.81
FAM129A	682.53	249.71	2.73	chr1	1q25	63	1154	113.96	145.69
KIAA1737	312.14	114.26	2.73	chr14	14q24.3	22	396	71.54	73.20
FGGY	133.07	48.76	2.73	chr1	1p32.1	58	1129	214.45	199.04
EMILIN2	129.16	47.36	2.73	chr18	18p11.3	28	1121	77.18	139.40
Hs.745180	135.37	49.65	2.73	chr15	N/A	10	139	112.07	535.94
ANO7	132.78	48.79	2.72	chr2	2q37.3	38	665	514.34	128.97
FAM207A	78.49	28.86	2.72	chr21	21q22.3	46	796	85.13	110.46
PRR24	597.87	219.82	2.72	chr19	19q13.32	5	348	120.95	133.34
PPIL1	213.22	78.46	2.72	chr6	6p21.1	26	469	54.85	55.76
Hs.477134	267.05	98.29	2.72	chr3	N/A	8	377	66.06	118.98
Hs.600639	478.18	176.05	2.72	chr13	N/A	7	73	90.87	59.01
ADCY6	307.45	113.26	2.71	chr12	12q12-q13	33	577	152.19	62.33
RPAIN	116.36	42.87	2.71	chr17	17p13.2	56	1966	122.48	120.38
NCLN	56.87	20.95	2.71	chr19	19p13.3	37	997	134.04	170.68
HES4	221.80	81.73	2.71	chr1	1p36.33	19	392	96.46	63.81
PCOLCE2	470.95	173.58	2.71	chr3	3q21-q24	31	550	70.00	201.93

Hs.676055	15.08	5.56	2.71	chr12	N/A	11	339	228.32	76.52
Hs.139006	101.00	37.25	2.71	chr10	N/A	7	73	102.45	73.06
FKTN	102.92	37.97	2.71	chr9	9q31-q33	40	648	288.85	63.36
SIRT5	80.49	29.72	2.71	chr6	6p23	81	2538	138.89	99.27
PPMIK	242.36	89.55	2.71	chr4	4q22.1	96	2111	143.23	121.16
CHPT1	414.76	153.24	2.71	chr12	12q	54	1365	90.58	114.80
CD99L2	246.34	91.14	2.70	chrX	Xq28	53	1555	153.25	230.66
Hs.131038	35.45	13.12	2.70	chr12	N/A	10	73	286.51	110.11
Hs.599742	46.56	17.24	2.70	chrX	N/A	3	66	41.61	84.67
MRPL51	715.22	265.04	2.70	chr12	12p13.3-p13.1	18	648	27.31	69.54
Hs.660389	212.55	78.77	2.70	chr14	N/A	8	377	54.41	143.20
PLA2G4D	62.65	23.22	2.70	chr15	15q15.1	22	385	109.01	161.87
MORC1	15.53	5.76	2.70	chr3	3q13	21	453	78.95	156.41
CCL11	95.93	35.58	2.70	chr17	17q21.1-q21.2	30	569	190.98	140.15
LOC339862	9.83	3.65	2.70	chr3	3p24.3	4	304	72.90	69.79
ARHGAP1	221.60	82.26	2.69	chr11	11p11.2	66	1598	160.39	189.90
C5orf49	1,188.27	441.27	2.69	chr5	5p15.31	15	458	198.60	282.24
Hs.375067	44.94	16.69	2.69	chr1	N/A	11	332	141.52	76.38
DUSP26	310.02	115.17	2.69	chr8	8p12	28	533	89.31	196.09
Hs.143821	124.24	46.17	2.69	chr7	N/A	8	377	109.86	55.34
AKAP6	80.06	29.75	2.69	chr14	14q12	57	1143	284.72	112.61
Hs.66185	204.72	76.08	2.69	chr21	N/A	24	565	244.27	290.85
MYPOP	247.68	92.07	2.69	chr19	19q13.32	34	537	143.91	117.75
FAM129B	578.53	215.10	2.69	chr9	9q34.13	43	798	151.93	152.54
Hs.709827	323.54	120.50	2.68	chr9	N/A	2	39	16.62	43.68
Hs.595507	1,277.72	476.24	2.68	chr1	N/A	7	73	59.06	124.31
FPR2	135.65	50.57	2.68	chr19	19q13.3-q13.4	38	992	502.11	773.22
ROCK2	223.96	83.52	2.68	chr2	2p24	55	1098	335.31	73.92
THOC7	416.74	156.02	2.67	chr3	3p14.1	32	903	122.07	173.08
ATP5I	1,689.88	633.37	2.67	chr4	4p16.3	51	1064	87.96	105.69
LINC00665	58.28	21.85	2.67	chr19	19q13.12	31	1100	73.94	119.24
Hs.731916	68.94	25.86	2.67	chr9	N/A	8	377	249.67	94.59
Hs.664050	74.45	27.93	2.67	chrX	N/A	15	450	209.12	196.00
HEYL	132.81	49.85	2.66	chr1	1p34.3	36	913	166.99	99.80
PRRT1	57.68	21.65	2.66	chr6	6p21.32	14	332	71.91	208.88
PPIAL4A	279.63	105.30	2.66	chr1	1q21.2	42	548	61.40	224.34
MRPS25	263.32	99.20	2.65	chr3	3p25	37	1179	88.79	93.78
Hs.703894	34.40	12.97	2.65	chr12	N/A	1	304	0.00	53.90
ATP5H	1,658.64	626.10	2.65	chr17	17q25	37	888	61.58	97.45
LOC100128682	27.59	10.42	2.65	chr19	19q13.12	2	16	117.97	64.08
TTY3B	14.16	5.35	2.65	chrY	Yq11.223	13	28	221.68	105.85
Hs.656455	83.88	31.68	2.65	chr3	N/A	4	370	158.03	120.24
FANCC	138.68	52.39	2.65	chr9	9q22.3	62	1343	202.46	292.41
HIST2H3C	9.07	3.43	2.65	chr1	1q21.2	6	2	46.74	50.15
Hs.624265	29.56	11.17	2.65	chr3	N/A	5	51	158.88	77.06
ESRRA	239.72	90.72	2.64	chr11	11q13	40	991	94.74	89.07
Hs.732902	112.41	42.57	2.64	chr22	N/A	8	377	48.63	123.16
DGCR6L	99.93	37.85	2.64	chr22	22q11.21	37	629	80.41	149.63
SPATA1	29.11	11.04	2.64	chr1	1p22.3	27	530	112.84	163.79
C17orf76-AS1	249.02	94.47	2.64	chr17	17p11.2	50	1216	176.28	175.08
HYPK	375.73	142.57	2.64	chr15	15q15.3	33	1134	78.48	79.82
Hs.633010	65.95	25.05	2.63	chr1	N/A	8	377	84.07	134.39
UQCR11	1,081.91	411.82	2.63	chr19	19p13.3	55	1055	112.15	107.88
NDUFAB1	1,393.94	530.59	2.63	chr16	16p12.2	37	650	102.02	76.31
C10orf126	12.91	4.91	2.63	chr10	10p12.1	3	322	65.35	99.34
C17orf74	68.54	26.11	2.63	chr17	17p13.1	17	332	106.54	280.52
UBE2M	274.47	104.71	2.62	chr19	19q13.43	34	667	147.26	73.76
UQCRRF51	1,553.63	593.21	2.62	chr19	19q12	42	617	79.60	77.61
RPS12	1,977.82	755.29	2.62	chr6	6q23.2	34	623	108.66	203.43
PACSN3	153.45	58.64	2.62	chr11	11p12-p11.12	21	458	146.45	156.43
RPL10L	258.38	98.75	2.62	chr14	14q21.2	24	522	92.73	173.86
KIF2A	120.36	46.04	2.61	chr5	5q12-q13	58	1833	477.06	164.97
Hs.370287	85.54	32.76	2.61	chr2	N/A	32	937	91.11	213.56
NDUFA3	716.44	274.45	2.61	chr19	19q13.42	31	538	69.47	56.82
Hs.599622	23.46	8.99	2.61	chr10	N/A	7	73	163.94	90.41
Hs.605177	14.63	5.61	2.61	chr6	N/A	13	28	261.71	116.30
ZNF230	52.63	20.20	2.61	chr19	19q13.31	32	1185	213.27	136.24
BLZF1	75.44	28.97	2.60	chr1	1q24	72	1979	169.71	204.51
ATP5C1	1,537.73	590.45	2.60	chr10	10p15.1	50	1888	102.48	78.02
GPR150	177.45	68.15	2.60	chr5	5q15	14	332	115.95	215.11
AK1	352.75	135.74	2.60	chr9	9q34.1	50	1076	110.88	188.54
GYPE	28.20	10.85	2.60	chr4	4q31.1	37	1234	115.27	175.02
ATP1A3	160.30	61.74	2.60	chr19	19q13.31	28	547	133.87	165.56
ZNF787	79.82	30.75	2.60	chr19	19q13.43	32	1168	133.37	112.05
CAND1	268.71	103.60	2.59	chr12	12q14	86	1879	263.42	325.97
Hs.331210	28.31	10.92	2.59	chr18	N/A	4	304	62.17	123.98
KCNK7	82.45	31.80	2.59	chr11	11q13	40	1244	169.20	184.21
Hs.148081	13.78	5.32	2.59	chr21	N/A	10	73	88.67	60.28
FSD2	136.33	52.63	2.59	chr15	15q25.2	26	488	120.54	202.31
PALLD	734.73	283.71	2.59	chr4	4q32.3	69	2054	155.04	163.76
ZNF157	25.49	9.85	2.59	chrX	Xp11.2	23	493	73.15	157.67
ELAC2	150.23	58.08	2.59	chr17	17p11.2	71	1238	112.18	119.39
UBE3A	232.79	90.02	2.59	chr15	15q11.2	113	3276	298.27	116.38
HELZ2	96.41	37.29	2.59	chr20	20q13.33	29	1370	125.25	94.36
ZKSCAN1	365.92	141.55	2.59	chr7	7q22	79	1603	219.04	298.25
SLC25A53	107.06	41.46	2.58	chrX	Xq22.2	17	740	130.35	224.49
TSPAN17	157.83	61.13	2.58	chr5	5q35.3	32	813	166.19	111.71
TCEB1	570.18	221.16	2.58	chr8	8q21.11	47	1086	101.54	128.66
Hs.604302	245.56	95.29	2.58	chr6	N/A	7	73	82.16	50.13
SLC9A3R2	75.52	29.32	2.58	chr16	16p13.3	30	576	103.55	136.64
PPP1R13L	256.93	99.84	2.57	chr19	19q13.32	21	461	53.11	84.36
Hs.128317	534.64	207.87	2.57	chr15	N/A	10	51	111.21	76.85
CCAT1	14.08	5.48	2.57	chr8	N/A	6	48	152.89	84.16

Hs.603807	372.24	144.91	2.57	chr3	N/A	7	73	188.26	79.45
PLEKHM2	179.45	69.88	2.57	chr1	1p36.21	33	571	166.82	63.05
HIST1H1E	47.87	18.64	2.57	chr6	6p21.3	23	503	87.18	100.91
HIST1H2AK	57.65	22.45	2.57	chr6	6p22.1	34	836	117.60	206.34
IGSF23	33.71	13.13	2.57	chr19	19q13.31	2	16	22.12	119.80
NUP62CL	23.75	9.25	2.57	chrX	Xq22.3	22	752	155.76	134.27
Hs.406492	302.92	118.08	2.57	chr7	N/A	12	493	120.65	127.22
Hs.21375	112.91	44.03	2.56	chr10	N/A	4	304	178.03	154.85
Hs.23648	114.02	44.46	2.56	chr5	N/A	19	709	328.83	61.26
Hs.570372	11.61	4.53	2.56	chr20	N/A	2	22	60.74	50.56
Hs.327451	32.95	12.87	2.56	chr6	N/A	4	304	49.26	52.33
PLCL1	94.25	36.81	2.56	chr2	2q33	58	1052	123.80	113.98
NEUROG1	84.40	32.98	2.56	chr5	5q23-q31	21	465	88.55	117.64
DNLZ	124.96	48.86	2.56	chr9	9q34.3	13	393	128.27	57.83
PPFIA4	52.89	20.69	2.56	chr1	1q32.1	27	560	88.97	116.78
Hs.655918	90.21	35.30	2.56	chr4	N/A	1	304	0.00	38.48
KRTAP5-9	74.19	29.04	2.55	chr11	11q13.5	23	504	105.04	340.48
CRHR1	79.13	30.98	2.55	chr17	17q12-q22	53	1460	168.26	137.02
GIPR	62.73	24.56	2.55	chr19	19q13.3	35	559	104.62	161.80
ADCK3	267.42	104.71	2.55	chr1	1q42.13	50	1086	121.90	234.63
DCAF4L1	33.21	13.00	2.55	chr4	4p13	6	357	92.56	255.34
Hs.561570	153.79	60.24	2.55	chr6	N/A	7	73	205.76	67.14
Hs.732696	43.70	17.11	2.55	chr11	N/A	1	304	0.00	45.14
AQP7	148.46	58.16	2.55	chr9	9p13	46	757	119.68	157.60
TACC2	241.90	94.82	2.55	chr10	10q26	76	1735	162.59	148.97
SLC41A1	442.97	173.72	2.55	chr1	1q32.1	36	486	113.48	97.11
YBX3	1,333.83	523.20	2.55	chr12	12p13.1	48	1749	177.32	188.37
Hs.199272	25.18	9.88	2.55	chr8	N/A	4	304	59.60	76.68
PGM5	182.14	71.48	2.55	chr9	9q13	87	1341	213.83	202.55
Hs.744999	698.23	274.05	2.55	chr10	N/A	12	498	85.30	188.18
FRY	146.26	57.42	2.55	chr13	13q13.1	56	1619	132.80	125.34
Hs.602485	25.13	9.87	2.55	chr9	N/A	2	22	97.60	67.78
Hs.623813	15.09	5.93	2.54	chr10	N/A	4	304	60.27	71.45
Hs.723424	173.73	68.35	2.54	chr1	N/A	10	73	94.94	99.68
TRIM49	27.70	10.90	2.54	chr11	11p11.12-q12	21	453	70.37	90.55
ETFA	537.72	211.67	2.54	chr15	15q23-q25	52	729	131.34	95.64
SLC25A23	203.34	80.07	2.54	chr19	19p13.3	42	832	154.86	98.09
PCCA	99.09	39.02	2.54	chr13	13q32	38	1340	76.68	136.99
ST7-AS1	45.08	17.77	2.54	chr7	7q31.2	14	332	34.63	67.30
TDRD1	31.08	12.25	2.54	chr10	10q25.3	27	458	147.40	75.40
TIMM21	273.98	108.08	2.54	chr18	18q22.3	40	801	116.11	83.14
HIST1H3E	95.74	37.78	2.53	chr6	6p22.1	24	804	73.61	91.47
ALPK3	120.71	47.67	2.53	chr15	15q25.2	40	998	193.73	218.11
Hs.596910	40.69	16.07	2.53	chr18	N/A	1	304	0.00	58.01
Hs.523977	22.82	9.01	2.53	chr11	N/A	5	22	65.62	46.59
HSPB8	1,159.25	458.11	2.53	chr12	12q24.23	45	639	116.10	143.41
LINC00290	11.09	4.38	2.53	chr4	4q34.3	1	304	0.00	72.07
Hs.660218	31.08	12.29	2.53	chr20	N/A	11	332	57.98	137.47
SHISA4	243.91	96.47	2.53	chr1	1q32.1	26	466	109.97	194.12
LIX1L	298.35	118.03	2.53	chr1	1q21.1	35	554	399.72	286.59
LOC644554	10.73	4.25	2.53	chr19	19q13.13	3	1	60.69	0.00
CLEC2D	80.38	31.83	2.53	chr12	12p13	94	1696	267.73	199.98
ABLIM1	917.14	363.31	2.52	chr10	10q25	77	1340	129.73	135.77
ULK1	220.42	87.34	2.52	chr12	12q24.3	46	605	112.79	97.70
MAP3K6	107.59	42.65	2.52	chr1	1p36.11	50	1197	121.07	128.12
Hs.561454	18.39	7.29	2.52	chr5	N/A	9	355	131.57	134.27
Hs.43666	111.73	44.30	2.52	chr8	N/A	14	532	116.02	118.55
FLJ31356	28.39	11.26	2.52	chr2	2p23.3	11	343	243.12	74.35
TSPAN12	148.01	58.72	2.52	chr7	7q31.31	52	1325	203.10	218.03
PATE2	36.20	14.37	2.52	chr11	11q24.2	7	304	90.84	41.51
CASP7	215.48	85.56	2.52	chr10	10q25	41	627	226.13	76.56
TMEM259	121.10	48.12	2.52	chr19	19p13.3	78	2543	149.18	142.33
LINC00901	15.76	6.27	2.51	chr3	N/A	6	326	78.91	125.25
DEXI	397.76	158.32	2.51	chr16	16p13.13	40	600	65.68	70.80
PTPN12	156.89	62.46	2.51	chr7	7q11.23	43	1417	150.94	156.19
Hs.687457	18.44	7.34	2.51	chr4	N/A	2	16	93.39	52.93
LINC00671	21.91	8.73	2.51	chr17	17q21.31	15	316	64.05	147.90
Hs.713020	307.18	122.49	2.51	chr5	N/A	10	73	33.57	99.62
MRPL20	314.84	125.59	2.51	chr1	1p36.3-p36.2	40	1224	63.14	128.92
GPT	120.49	48.08	2.51	chr8	8q24.3	28	547	98.99	130.66
LOC100128922	19.51	7.79	2.51	chr1	1p33	14	333	73.30	82.60
Hs.554368	12.24	4.89	2.50	chr1	N/A	4	44	54.68	68.82
A4GALT	95.13	38.00	2.50	chr22	22q13.2	21	453	124.94	55.01
NDUFB9	2,823.72	1,128.00	2.50	chr8	8q13.3	31	475	57.07	72.91
POLR2L	723.36	289.11	2.50	chr11	11p15	55	1070	92.28	108.44
Hs.655795	13.89	5.55	2.50	chr12	N/A	1	304	0.00	90.05
MGC42157	30.55	12.22	2.50	chr4	4p14	14	334	60.73	287.69
SELK	1,018.03	407.09	2.50	chr3	3p21.31	38	594	164.15	128.35
LRRC49	152.59	61.10	2.50	chr15	15q23	31	596	51.59	208.61
Hs.559124	27.71	11.11	2.49	chr1	N/A	4	304	54.85	55.69
MDFIC	234.85	94.16	2.49	chr7	7q31.1-q31.2	66	1817	419.10	209.17
Hs.732605	85.02	34.09	2.49	chr2	N/A	7	73	227.03	60.22
BGN	466.29	187.14	2.49	chrX	Xq28	40	1414	191.61	169.60
Hs.543977	43.27	17.37	2.49	chr5	N/A	10	73	141.61	253.01
GRSF1	249.04	100.03	2.49	chr4	4q13	45	1837	119.01	98.83
RDH14	232.69	93.47	2.49	chr2	2p24.2	28	533	136.38	48.18
ZNRD1-AS1	41.22	16.57	2.49	chr6	6p22.1	33	2585	232.35	256.05
Hs.669096	40.54	16.31	2.49	chr3	N/A	1	304	0.00	89.77
TANC1	190.36	76.61	2.48	chr2	2q24.2	30	1027	74.38	116.70
NDUFB2	867.68	349.28	2.48	chr7	7q34	58	1436	119.69	109.13
WDR60	74.21	29.90	2.48	chr7	7q36.3	30	1141	88.41	99.08
Hs.442723	49.60	20.00	2.48	chr2	N/A	17	146	288.63	74.20
BNIP3	498.82	201.15	2.48	chr10	10q26.3	31	1002	121.56	108.48

POLR2B	685.20	276.58	2.48	chr4	4q12	39	1258	171.94	145.42
TM7SF2	254.46	102.75	2.48	chr11	11q13	40	605	82.40	118.36
JPH2	96.94	39.17	2.48	chr20	20q13.12	63	1289	136.86	234.14
Hs.740867	13.86	5.60	2.47	chr2	N/A	1	304	0.00	68.19
Hs.658671	119.34	48.24	2.47	chr8	N/A	1	304	0.00	115.70
Hs.654357	131.29	53.07	2.47	chr8	N/A	1	304	0.00	229.19
Hs.705842	339.70	137.34	2.47	chr2	N/A	7	73	87.96	70.15
ZSWIM4	58.15	23.53	2.47	chr19	19p13.13	9	362	86.46	134.58
KBTBD12	73.74	29.86	2.47	chr3	3q21.3	22	348	91.02	172.98
DLGAP1-AS1	191.15	77.40	2.47	chr18	18p11.31	29	827	221.52	164.36
PTTG2	31.81	12.88	2.47	chr4	4p12	23	502	103.07	183.27
RTN2	259.38	105.08	2.47	chr19	19q13.32	41	1009	496.60	214.10
GPD1L	510.84	206.99	2.47	chr3	3p22.3	40	600	119.89	95.66
Hs.526761	17.53	7.11	2.47	chr3	N/A	1	304	0.00	67.12
KLHL32	67.23	27.28	2.46	chr6	6q16.1	26	556	244.51	173.07
EDARADD	86.88	35.25	2.46	chr1	1q42.3	25	354	109.76	136.84
MRPL35	165.21	67.16	2.46	chr2	2p11.2	63	1270	79.85	79.07
SSU72	328.89	133.84	2.46	chr1	1p36.33	41	1461	135.52	147.08
Hs.519776	63.79	25.97	2.46	chr6	N/A	5	22	75.45	72.69
VMO1	38.51	15.68	2.46	chr17	17p13.2	27	769	228.21	94.40
C22orf43	67.96	27.69	2.45	chr22	22q11.2	29	826	135.90	144.58
Hs.733141	90.76	37.00	2.45	chr13	N/A	5	608	60.11	90.54
C14orf2	1,273.45	519.39	2.45	chr14	14q32.33	35	997	119.59	99.67
GTF2F2	103.38	42.17	2.45	chr13	13q14	48	619	68.52	96.65
DLG2	68.75	28.05	2.45	chr11	11q14.1	75	1064	563.81	127.47
SLC12A9	162.76	66.51	2.45	chr7	7q22	40	1174	135.34	120.01
Hs.58423	13.02	5.32	2.45	chr7	N/A	4	304	54.50	75.56
DECR1	462.20	188.91	2.45	chr8	8q21.3	73	948	132.84	120.05
Hs.705571	534.00	218.32	2.45	chr18	N/A	7	73	24.50	109.87
ANK3	229.39	93.79	2.45	chr10	10q21	106	2417	189.02	136.73
HSPB1	3,298.51	1,349.64	2.44	chr7	7q11.23	46	572	45.18	116.38
Hs.570028	30.13	12.33	2.44	chr19	N/A	4	304	51.17	58.16
PRDX5	1,256.77	514.95	2.44	chr11	11q13	50	874	105.12	118.20
Hs.630993	81.97	33.59	2.44	chr7	N/A	8	377	171.25	47.54
PPFIA2	53.59	21.97	2.44	chr12	12q21.31	44	1301	420.73	146.17
SRPX2	114.64	47.03	2.44	chrX	Xq21.33-q23	30	574	165.43	131.23
COL8A1	48.99	20.11	2.44	chr3	3q12.3	56	1081	112.30	398.48
RRAS	319.19	131.11	2.43	chr19	19q13.3-qter	42	643	82.70	86.70
C22orf39	391.00	160.61	2.43	chr22	22q11.21	31	747	181.82	326.68
ICT1	206.41	84.80	2.43	chr17	17q25.1	20	504	58.96	83.55
COX7B	1,781.98	732.66	2.43	chrX	Xq21.1	29	577	101.83	93.76
PAR5	554.12	227.83	2.43	chr15	15q11-q13	24	560	174.51	313.51
TIAF1	370.77	152.46	2.43	chr17	17q11.2	11	437	117.03	78.67
STK40	173.41	71.31	2.43	chr1	1p34.3	46	970	153.88	175.84
C21orf33	534.32	219.74	2.43	chr21	21q22.3	55	1160	79.46	111.27
MRAS	223.12	91.76	2.43	chr3	3q22.3	52	1054	72.53	132.29
Hs.660511	94.13	38.72	2.43	chr1	N/A	15	450	308.43	140.79
MRPS9	284.01	116.88	2.43	chr2	2q12.1	31	490	89.48	74.48
Hs.137598	41.26	16.98	2.43	chr9	N/A	5	22	48.54	119.96
KRTAP9-9	16.52	6.80	2.43	chr17	17q21.2	18	454	71.98	395.50
Hs.659181	64.36	26.50	2.43	chr10	N/A	8	377	83.26	176.03
TUFM	636.15	262.11	2.43	chr16	16p11.2	24	808	55.66	91.61
HYAL1	158.15	65.16	2.43	chr3	3p21.3-p21.2	51	644	152.22	172.58
Hs.666770	26.19	10.79	2.43	chr6	N/A	8	377	54.84	85.87
LCE3E	413.75	170.53	2.43	chr1	1q21.3	16	28	110.31	84.39
Hs.385516	17.77	7.33	2.43	chr10	N/A	4	304	59.96	62.66
UQC	149.36	61.63	2.42	chr20	20q11.22	46	1169	106.29	70.13
PECAM1	410.80	169.56	2.42	chr17	17q23.3	46	1697	148.59	181.19
LOC100506154	21.83	9.01	2.42	chr4	N/A	11	377	97.32	122.92
Hs.561824	14.81	6.12	2.42	chr8	N/A	1	304	0.00	97.23
GP1BB	85.64	35.38	2.42	chr22	22q11.21	22	946	66.62	122.50
Hs.151173	9.61	3.97	2.42	chr7	N/A	2	22	96.47	81.18
LINC00692	17.14	7.09	2.42	chr3	3p24.2	4	630	73.09	115.96
BRI3	787.23	325.54	2.42	chr7	7q21.3	24	773	92.84	132.90
CXCR7	243.02	100.50	2.42	chr2	2q37.3	35	1174	98.86	173.81
WDR18	125.76	52.03	2.42	chr19	19p13.3	30	560	116.47	102.59
LOC100127886	22.03	9.12	2.42	chr20	20q12	20	505	76.90	113.60
ECI2	498.52	206.33	2.42	chr6	6p24.3	34	538	90.88	99.84
MRS2	84.14	34.83	2.42	chr6	6p22.3-p22.1	49	2364	118.77	93.18
CEACAM20	78.51	32.51	2.42	chr19	19q13.31	18	80	108.30	73.57
CXCL5	31.12	12.89	2.41	chr4	4q13.3	46	1367	166.23	287.68
SLC25A12	241.93	100.32	2.41	chr2	2q24	50	1073	149.93	103.96
Hs.659429	55.21	22.90	2.41	chr5	N/A	7	73	218.65	75.41
SLC16A8	64.68	26.86	2.41	chr22	22q12.3-q13.2	21	465	86.84	80.57
PTPRD	105.12	43.66	2.41	chr9	9p23-p24.3	95	2299	386.57	278.22
APOO	254.74	105.85	2.41	chrX	Xp22.11	24	526	66.22	70.09
Hs.658163	41.92	17.42	2.41	chr2	N/A	2	16	121.17	58.67
NKX2-8	66.74	27.75	2.41	chr14	14q13.3	25	544	164.91	135.66
FAM196A	12.92	5.38	2.40	chr10	10q26.2	17	332	152.02	120.93
VAPB	206.13	85.74	2.40	chr20	20q13.33	63	1637	542.63	85.60
ANP32D	21.69	9.02	2.40	chr12	12q13.11	21	465	99.34	102.19
Hs.594545	32.63	13.58	2.40	chr2	N/A	17	89	59.81	102.03
HADH	433.35	180.33	2.40	chr4	4q22-q26	57	1530	137.55	89.25
ECHDC3	304.27	126.75	2.40	chr10	10p14	34	554	92.18	116.47
MPP3	145.16	60.48	2.40	chr17	17q21.31	47	674	83.37	81.35
TMEM127	225.94	94.21	2.40	chr2	2q11.2	70	1112	147.55	67.21
OR2M4	43.89	18.31	2.40	chr1	1q44	10	660	174.50	196.14
FAM110D	82.67	34.50	2.40	chr1	1p36.11	34	486	129.35	71.39
MTFR1L	287.78	120.24	2.39	chr1	1p36.11	21	417	114.84	109.81
Hs.594693	22.00	9.20	2.39	chr16	N/A	7	73	193.07	120.93
LOC728485	104.95	43.89	2.39	chr19	19q13.12	19	709	196.49	285.57
C7orf50	175.18	73.26	2.39	chr7	7p22.3	57	1246	192.89	104.01
GPR85	25.81	10.80	2.39	chr7	7q31	39	932	444.30	112.69

Hs.728901	331.62	138.86	2.39	chr2	N/A	7	73	103.12	57.87
Hs.731443	373.19	156.32	2.39	chr8	N/A	8	377	84.37	73.44
ARHGAP23	125.09	52.41	2.39	chr17	17q12	37	1390	185.47	111.36
PDHB	559.90	234.76	2.38	chr3	3p21.1-p14.2	28	924	107.88	77.33
PTMS	244.38	102.50	2.38	chr12	12p13	35	997	107.76	387.21
Hs.659573	376.29	157.97	2.38	chr8	N/A	8	377	113.33	127.84
DNAJA4	245.32	103.06	2.38	chr15	15q25.1	51	1495	159.54	111.86
Hs.124007	221.58	93.10	2.38	chr11	N/A	10	28	56.86	104.67
ADRA1D	38.85	16.32	2.38	chr20	20p13	44	1097	138.39	121.69
LOC93463	13.39	5.63	2.38	chr2	2q37.3	14	332	253.41	112.08
POLR2M	230.73	96.99	2.38	chr15	15q21.3	112	1929	234.88	90.35
SPATA25	41.74	17.56	2.38	chr20	20q13.12	19	396	167.10	95.76
Hs.600554	23.08	9.71	2.38	chr2	N/A	7	73	217.34	58.26
CST9	23.18	9.76	2.38	chr20	20p11.21	17	332	131.47	69.61
SYCE1L	115.21	48.54	2.37	chr16	16q23.1	16	764	113.32	274.01
Hs.721243	16.91	7.13	2.37	chr11	N/A	4	304	62.58	80.19
Hs.651081	39.19	16.52	2.37	chr2	N/A	2	16	95.30	34.95
PPP1R14C	268.28	113.14	2.37	chr6	6q24.1-q25.3	35	587	82.07	177.17
Hs.702887	135.31	57.08	2.37	chr7	N/A	3	66	83.55	64.46
DPPA3	12.22	5.15	2.37	chr12	12p13.31	20	332	96.81	79.71
PDLIM3	413.07	174.32	2.37	chr4	4q35	63	1516	115.41	309.75
MGC45922	122.21	51.57	2.37	chr19	19q13.33	17	341	82.48	109.70
NPY4R	38.60	16.29	2.37	chr10	10q11.2	23	492	105.02	64.55
ID12-AS1	78.53	33.16	2.37	chr10	10p15.3	18	453	59.50	68.83
KRT83	61.14	25.82	2.37	chr12	12q13	23	504	212.37	134.18
SPATA17	72.54	30.63	2.37	chr1	1q41	37	789	229.11	267.93
HS2ST1	202.00	85.32	2.37	chr1	1p22.3	104	2527	477.50	562.08
SPHKAP	114.44	48.34	2.37	chr2	2q36	25	114	64.33	99.77
DNAH3	145.14	61.35	2.37	chr16	16p12.3	74	2380	231.05	324.40
CREBBP	151.10	63.87	2.37	chr16	16p13.3	117	2243	853.56	188.86
IFNA8	13.21	5.58	2.37	chr9	9p22	26	492	174.49	93.32
Hs.595524	708.90	299.78	2.36	chr9	N/A	13	797	73.13	76.04
LOC100130964	15.58	6.59	2.36	chr8	8p11.22	3	320	127.75	81.67
IRF2	191.87	81.25	2.36	chr4	4q34.1-q35.1	60	729	295.32	96.98
ZNF883	20.97	8.88	2.36	chr9	9q32	1	306	0.00	92.31
Hs.703099	175.10	74.21	2.36	chr16	N/A	15	450	128.48	180.96
BCO2	108.58	46.04	2.36	chr11	11q23.1	29	418	67.12	87.96
Hs.666679	16.22	6.88	2.36	chrX	N/A	1	304	0.00	60.97
THAP7-AS1	89.38	37.91	2.36	chr22	22q11.21	32	737	231.69	183.64
CERS6	163.49	69.38	2.36	chr2	2q24.3	68	1847	151.78	105.04
ATP5SL	243.54	103.37	2.36	chr19	19q13.2	43	981	114.86	59.02
Hs.709646	23.24	9.87	2.36	chr7	N/A	3	326	118.29	178.60
E1F3CL	429.33	182.32	2.35	chr16	16p11.2	10	73	78.46	159.45
Hs.434909	13.01	5.53	2.35	chr21	N/A	4	304	61.43	71.81
CMC4	164.98	70.09	2.35	chrX	Xq28	25	1254	65.54	66.74
LOC286083	21.17	9.00	2.35	chr8	8p23.3	4	304	69.71	59.00
Hs.675244	26.13	11.11	2.35	chr19	N/A	2	16	112.15	35.03
ATP5I2	1,008.15	428.57	2.35	chr7	7q22.1	60	1106	101.73	113.56
PPP2R1A	529.36	225.18	2.35	chr19	19q13.41	50	658	118.79	64.80
Hs.128570	33.49	14.25	2.35	chr2	N/A	5	22	60.97	84.36
COPST7A	427.54	181.95	2.35	chr12	12p13.31	37	650	151.99	107.89
YAF2	72.44	30.83	2.35	chr12	12q12	53	1066	112.04	91.45
PARVB	119.80	51.02	2.35	chr22	22q13.2-q13.3	58	2290	109.63	93.09
MTOR	101.11	43.08	2.35	chr1	1p36.2	39	1083	170.52	247.38
TMEM204	193.09	82.31	2.35	chr16	16p13.3	30	1138	100.35	93.34
SLC20A2	144.98	61.81	2.35	chr8	8p11.21	25	541	71.39	85.08
ZNF578	37.75	16.10	2.34	chr19	19q13.41	25	709	169.48	104.25
LOC100130152	449.26	191.61	2.34	chr20	20q13.33	10	28	54.17	59.98
Hs.650210	12.06	5.14	2.34	chr5	N/A	5	16	65.21	34.77
LINC00593	30.62	13.06	2.34	chr15	15q23	12	637	61.18	67.04
PRDM7	29.26	12.48	2.34	chr16	16q24.3	17	332	91.27	284.34
MZT2A	1,737.54	741.46	2.34	chr2	2q21.1	15	493	110.78	154.38
NAT9	192.43	82.15	2.34	chr17	17q25.1	30	565	185.57	60.95
PCBD1	301.67	128.81	2.34	chr10	10q22	36	577	52.18	93.26
Hs.657635	49.20	21.01	2.34	chr8	N/A	1	304	0.00	52.54
HIST1H1D	57.49	24.56	2.34	chr6	6p21.3	23	493	98.87	110.24
CA4	140.16	59.90	2.34	chr17	17q23	33	972	98.99	141.34
ANAPC10	108.73	46.46	2.34	chr4	4q31	45	1027	319.38	106.72
UBE2QL1	95.49	40.81	2.34	chr5	5p15.31	26	457	222.73	478.42
Hs.560418	18.16	7.76	2.34	chr16	N/A	10	73	100.53	65.31
MPC2	507.82	217.20	2.34	chr1	1q24	26	819	58.58	126.83
Hs.733292	56.81	24.31	2.34	chr3	N/A	4	304	54.08	47.32
ADAM9	242.14	103.60	2.34	chr8	8p11.22	42	1213	206.35	261.17
MRPL34	423.61	181.31	2.34	chr19	19p13.1	36	539	55.15	66.54
NUDT4	231.75	99.34	2.33	chr12	12q21	114	3173	144.82	152.56
PSMD7	262.79	112.70	2.33	chr16	16q22.3	27	1235	88.80	107.07
IMMT	294.60	126.35	2.33	chr2	2	46	960	89.83	80.93
MXRA7	229.78	98.56	2.33	chr17	17q25.1	72	972	190.00	123.03
ZNF681	50.00	21.45	2.33	chr19	19p12	35	791	135.37	132.44
Hs.58089	15.38	6.60	2.33	chr5	N/A	11	377	82.20	120.32
Hs.516951	38.38	16.47	2.33	chr20	N/A	10	411	153.98	215.80
WIPI1	172.45	74.08	2.33	chr17	17q24.2	35	992	81.58	87.06
Hs.561629	31.27	13.44	2.33	chr6	N/A	8	377	209.20	61.23
GALK1	66.16	28.46	2.32	chr17	17q24	31	881	174.48	180.41
LDHB	2,307.43	993.51	2.32	chr12	12p12.2-p12.1	40	1048	79.02	73.71
LINC00691	31.61	13.61	2.32	chr3	3p24.2	9	329	24.64	69.60
KLHL7	120.82	52.06	2.32	chr7	7p15.3	81	1562	158.41	115.40
SPATA2L	157.38	67.81	2.32	chr16	16q24.3	35	612	135.75	154.52
Hs.127718	62.87	27.09	2.32	chr12	N/A	18	405	72.14	95.08
MRPL15	380.14	163.85	2.32	chr8	8q11.2-q13	28	533	51.06	67.42
CABP7	66.41	28.64	2.32	chr22	22q12.2	20	688	253.77	210.44
SNRNP25	291.78	125.82	2.32	chr16	16p13.3	28	533	72.06	62.06
COX8A	2,184.39	941.99	2.32	chr11	11q12-q13	28	555	45.27	57.17

LOC100129455	35.40	15.27	2.32	chr2	2q31.1	11	332	52.22	94.35
KIF2C	158.12	68.20	2.32	chr1	1p34.1	32	995	193.90	128.75
PDK2	185.70	80.17	2.32	chr17	17q21.33	37	1031	66.64	99.15
GUCA1C	25.40	10.98	2.31	chr3	3q13.1	19	940	84.62	94.54
LRPAP1	260.07	112.47	2.31	chr4	4p16.3	76	1427	147.79	123.83
UQCRCB	1,583.74	685.24	2.31	chr8	8q22	57	1950	168.94	146.97
TFB2M	91.02	39.41	2.31	chr1	1q44	34	1444	70.38	132.97
FAM195A	417.22	180.68	2.31	chr16	16p13.3	22	716	119.22	117.10
RASIP1	122.51	53.07	2.31	chr19	19q13.33	34	844	100.01	124.48
ITIH5	171.61	74.35	2.31	chr10	10p14	100	1105	490.37	111.43
Hs.107418	221.33	95.90	2.31	chr5	N/A	6	355	200.95	44.65
PIGL	159.51	69.14	2.31	chr17	17p12-p11.2	47	666	260.49	131.33
CD4	234.51	101.66	2.31	chr12	12p13.31	46	1138	188.82	268.64
SUCLG1	713.36	309.35	2.31	chr2	2p11.2	29	842	79.32	116.68
Hs.155579	16.49	7.16	2.30	chr4	N/A	4	304	89.92	60.20
FEM1A	183.99	79.88	2.30	chr19	19p13.3	56	1179	160.56	140.68
Hs.660050	21.66	9.41	2.30	chr14	N/A	1	304	0.00	98.35
Hs.669747	14.66	6.37	2.30	chr19	N/A	4	304	86.47	85.18
KRT39	9.89	4.30	2.30	chr17	17q21.2	11	52	86.54	38.01
NID1	330.53	143.72	2.30	chr1	1q43	36	1296	264.86	271.87
Hs.386267	41.34	17.98	2.30	chr1	N/A	8	377	140.47	231.60
POLR3H	160.12	69.69	2.30	chr22	22q13.2	56	1230	199.34	86.06
LOC100130990	41.06	17.87	2.30	chr5	5q11.2	2	16	101.89	47.67
DAPK3	91.74	39.93	2.30	chr19	19p13.3	36	1301	73.27	141.66
ZNF169	185.14	80.62	2.30	chr9	9q22.32	37	1180	172.90	169.64
AOC2	76.03	33.11	2.30	chr17	17q21	36	577	246.58	66.79
STOML2	353.62	154.07	2.30	chr9	9p13.1	28	555	104.12	67.52
Hs.573373	36.76	16.02	2.29	chr7	N/A	5	609	73.72	71.59
Hs.593276	130.74	57.00	2.29	chr3	N/A	13	428	278.85	431.12
C2orf71	34.58	15.08	2.29	chr2	2p23.2	4	304	61.42	63.93
Hs.610280	98.41	42.91	2.29	chr9	N/A	8	377	71.66	139.14
ASIP	46.67	20.35	2.29	chr20	20q11.2-q12	44	723	175.94	158.55
Hs.598667	183.59	80.09	2.29	chrX	N/A	7	73	49.27	61.90
Hs.265194	15.41	6.73	2.29	chr6	N/A	4	304	126.62	67.56
Hs.651482	11.41	4.99	2.29	chr8	N/A	5	22	63.51	126.67
XYLT2	86.56	37.92	2.28	chr17	17q21.33	22	761	92.17	127.36
DCUN1D2	96.33	42.25	2.28	chr13	13q34	41	556	102.03	69.55
NDUFV3	290.36	127.41	2.28	chr21	21q22.3	48	777	92.99	112.90
Hs.702967	247.58	108.70	2.28	chr1	N/A	7	73	115.44	56.85
VPS18	207.11	90.97	2.28	chr15	15q14-q15	27	773	118.52	168.51
CLDN14	45.82	20.13	2.28	chr21	21q22.3	29	504	145.74	99.89
NDUFS3	725.02	318.66	2.28	chr11	11p11.11	29	577	69.42	59.76
TMEM17	57.32	25.20	2.27	chr2	2p15	37	839	273.85	84.32
ZBTB47	199.43	87.71	2.27	chr3	3p22.1	40	1157	69.26	141.12
NDUFA13	690.49	303.71	2.27	chr19	19p13.2	46	783	80.94	89.32
PLEKHA8	62.96	27.71	2.27	chr7	7p21-p11.2	44	2115	303.04	108.82
PLEKHH1	320.04	140.85	2.27	chr14	14q24.1	42	868	333.68	216.25
TBC1D7	82.41	36.28	2.27	chr6	6p24.1	32	794	78.41	89.77
Hs.660321	617.71	271.92	2.27	chr11	N/A	6	729	52.67	85.51
LRIG1	159.77	70.38	2.27	chr3	3p14	54	1697	138.00	150.84
PAMR1	222.81	98.19	2.27	chr11	11p13	40	672	282.37	128.35
Hs.730090	26.69	11.77	2.27	chr1	N/A	1	304	0.00	54.48
Hs.597575	778.13	343.22	2.27	chr12	N/A	7	73	55.53	97.16
LOC100128644	77.86	34.36	2.27	chr3	3p25.1	11	332	56.66	127.13
Hs.732311	20.09	8.87	2.26	chr5	N/A	4	304	60.80	54.11
Hs.675340	26.30	11.62	2.26	chr4	N/A	1	304	0.00	166.80
LOC100128843	42.78	18.90	2.26	chr12	12q24.33	9	328	33.43	81.04
Hs.594546	21.55	9.52	2.26	chr11	N/A	8	377	139.44	97.27
HTRA3	132.05	58.39	2.26	chr4	4p16.1	52	850	147.36	104.91
DYNC111	119.66	52.92	2.26	chr7	7q21.3-q22.1	68	1269	272.34	174.67
Hs.715694	56.30	24.91	2.26	chr2	N/A	11	1298	153.89	98.68
LRRFIP2	192.30	85.10	2.26	chr3	3p22.2	76	2183	136.33	102.67
SHISA3	47.18	20.89	2.26	chr4	4p13	17	335	40.88	144.66
GALNTL6	33.21	14.71	2.26	chr4	4q34.1	6	356	91.21	64.26
OOEP	56.57	25.07	2.26	chr6	6q13	14	332	85.53	80.79
Hs.745058	85.82	38.03	2.26	chr20	N/A	8	377	140.51	81.97
POLM	89.89	39.83	2.26	chr7	7p13	38	566	162.84	95.52
COX6B1	1,460.05	647.05	2.26	chr19	19q13.1	40	662	90.41	90.85
ZNF682	33.65	14.92	2.26	chr19	19p12	45	810	207.21	100.36
LINC00284	19.04	8.44	2.26	chr13	13q14.11	4	304	77.39	77.40
OAZ1	2,597.55	1,151.53	2.26	chr19	19p13.3	71	1597	80.71	98.30
SCN5A	56.90	25.23	2.26	chr3	3p21	39	520	130.95	60.90
RGS13	51.87	23.00	2.26	chr1	1q31.2	51	1336	262.22	402.70
Hs.694195	90.95	40.34	2.25	chr19	N/A	1	304	0.00	81.41
HES7	339.71	150.67	2.25	chr17	17p13.1	17	333	166.01	301.37
FAM19A1	43.66	19.37	2.25	chr3	3p14.1	24	410	368.64	141.22
Hs.655249	193.55	85.89	2.25	chr15	N/A	36	1439	94.88	92.98
IRX5	99.16	44.05	2.25	chr16	16q12.2	45	636	96.49	162.38
ZBTB45	110.30	49.02	2.25	chr19	19q13.43	27	768	64.11	101.07
UPK2	42.93	19.08	2.25	chr11	11q23	33	532	114.28	115.06
DNAJC24	50.19	22.32	2.25	chr11	11p13	36	855	111.12	98.13
Hs.677851	305.87	136.09	2.25	chr5	N/A	1	304	0.00	48.51
BCKDK	181.42	80.73	2.25	chr16	16p11.2	39	605	163.83	66.35
Hs.148435	15.28	6.80	2.25	chr4	N/A	6	66	85.44	61.43
Hs.603347	135.60	60.39	2.25	chr16	N/A	7	73	156.02	96.77
Hs.656701	19.45	8.67	2.24	chr10	N/A	8	377	74.25	173.92
CMC2	362.70	161.62	2.24	chr16	16q23.2	28	533	99.15	57.93
C1QTNF1	184.29	82.13	2.24	chr17	17q25.3	45	868	251.65	85.45
Hs.551771	13.58	6.05	2.24	chr6	N/A	4	304	78.62	78.72
Hs.709854	362.20	161.52	2.24	chr1	N/A	7	73	57.13	61.29
ZFP14	70.13	31.28	2.24	chr19	19q13.12	26	464	197.97	158.42
USP9Y	94.24	42.03	2.24	chrY	Yq11.2	31	876	266.99	172.15
CPVL	198.14	88.38	2.24	chr7	7p15.1	43	604	133.05	110.49

Hs.715331	54.41	24.27	2.24	chrX	N/A	2	22	25.92	59.47
Hs.655691	111.05	49.55	2.24	chr17	N/A	17	1058	299.61	82.75
NPBWR2	22.98	10.25	2.24	chr20	20q13.3	21	465	83.89	176.61
GTPBP6	235.51	105.12	2.24	chrX	Xp22.33; Yp11	40	605	129.72	78.96
HSDL2	154.71	69.07	2.24	chr9	9q32	48	1744	137.07	122.38
GOT2	759.61	339.18	2.24	chr16	16q21	55	684	113.87	100.74
Hs.741642	151.42	67.62	2.24	chr12	N/A	12	493	103.20	83.16
HOMER3	135.27	60.43	2.24	chr19	19p13.11	40	1415	96.88	144.43
Hs.677744	18.29	8.17	2.24	chr3	N/A	11	332	39.96	77.55
SYBU	358.73	160.41	2.24	chr8	8q23.2	35	606	241.89	126.24
CTAG1A	31.87	14.25	2.24	chrX	Xq28	51	1444	140.29	147.34
CPNE4	97.55	43.64	2.24	chr3	3q22.1	36	838	105.59	207.33
Hs.668093	49.63	22.21	2.23	chr3	N/A	1	304	0.00	50.36
CCDC106	54.36	24.32	2.23	chr19	19q13.42	30	572	172.52	147.95
SCN8A	44.44	19.89	2.23	chr12	12q13	63	2202	311.83	219.16
HBA1	4,879.88	2,183.82	2.23	chr16	16p13.3	33	2177	61.09	115.19
Hs.560186	14.37	6.43	2.23	chr13	N/A	15	450	71.89	114.18
Hs.665313	54.21	24.29	2.23	chrX	N/A	7	73	220.68	70.48
Hs.594267	105.98	47.51	2.23	chr1	N/A	21	405	387.59	134.07
CLASP1	105.36	47.23	2.23	chr2	2q14.2-q14.3	42	647	118.11	97.93
LOC100131650	23.94	10.74	2.23	chr17	17q21.31	2	16	98.67	32.23
ATP2B3	40.01	17.94	2.23	chrX	Xq28	64	1815	525.32	175.66
KIAA1875	39.05	17.52	2.23	chr8	8q24.3	27	360	96.76	160.04
MAB21L2	77.79	34.90	2.23	chr4	4q31	36	946	166.01	272.23
RNF7	337.14	151.27	2.23	chr3	3q22-q24	34	1732	116.32	92.26
Hs.596603	69.02	30.99	2.23	chr14	N/A	7	73	210.54	64.87
UBE2B	371.09	166.66	2.23	chr5	5q31.1	80	2954	159.03	113.06
ZNF76	200.39	90.02	2.23	chr6	6p21.31	37	639	181.38	135.12
Hs.539721	29.43	13.23	2.23	chr13	N/A	5	22	69.69	69.08
Hs.732133	53.44	24.02	2.23	chr20	N/A	8	377	223.31	1,263.99
RNF150	180.02	80.90	2.23	chr4	4q31.21	27	561	152.54	82.02
NDUFAF3	518.73	233.20	2.22	chr3	3p21.31	42	572	133.03	174.88
AANAT	43.65	19.63	2.22	chr17	17q25	33	606	112.23	165.83
ZNF225	24.17	10.87	2.22	chr19	19q13.2	21	463	67.98	92.07
GP9	88.04	39.62	2.22	chr3	3q21.3	30	577	116.07	129.03
DGCR6	365.47	164.57	2.22	chr22	22q11	26	504	94.57	73.03
Hs.713344	230.73	104.02	2.22	chr19	N/A	7	73	79.91	57.44
LOC727941	14.37	6.48	2.22	chr1	1p13.3	2	16	29.21	109.88
GBAS	473.18	213.34	2.22	chr7	7p12	28	555	107.99	120.90
CRLF1	83.58	37.69	2.22	chr19	19p12	32	614	119.52	123.73
OLIG3	27.25	12.29	2.22	chr6	6q23.3	19	384	81.10	319.87
LINC00520	523.46	236.15	2.22	chr14	14q22.3	1	316	0.00	77.22
ZNF358	144.55	65.23	2.22	chr19	19p13.2	29	825	107.52	73.30
SORBS1	422.83	190.81	2.22	chr10	10q23.33	92	1880	192.15	241.90
Hs.39557	22.99	10.38	2.21	chr16	N/A	11	332	47.89	111.16
C19orf71	24.37	11.01	2.21	chr19	19p13.3	9	89	222.77	92.21
Hs.602871	15.63	7.06	2.21	chr16	N/A	7	73	165.46	65.59
UBAC1	295.67	133.63	2.21	chr9	9q34.3	28	555	99.25	86.99
TAAR8	34.49	15.59	2.21	chr6	6q23.2	19	384	78.97	88.61
IL18	96.11	43.47	2.21	chr11	11q22.2-q22.3	48	721	293.35	161.12
NEURL2	60.14	27.21	2.21	chr20	20q13.12	15	90	44.94	104.57
Hs.659309	34.69	15.70	2.21	chr6	N/A	3	66	154.88	82.75
FBLN2	212.22	96.08	2.21	chr3	3p25.1	38	628	122.50	128.57
ARHGAP5	186.45	84.42	2.21	chr14	14q12	53	2044	125.07	105.33
CRELD1	172.46	78.12	2.21	chr3	3p25.3	39	572	98.15	57.68
Hs.123307	19.63	8.89	2.21	chr2	N/A	11	332	206.86	117.64
C19orf47	92.74	42.03	2.21	chr19	19q13.2	24	773	101.35	100.09
MCEE	184.85	83.78	2.21	chr2	2p13.3	26	469	108.32	67.41
Hs.156773	13.95	6.32	2.21	chr13	N/A	10	73	108.53	89.10
HECW1-IT1	9.39	4.26	2.21	chr7	7p14.1	4	304	74.66	89.15
LOC100128288	48.32	21.92	2.20	chr17	17p13.1	21	361	69.87	173.16
TRPT1	291.57	132.29	2.20	chr11	11q13.1	29	469	119.41	64.03
C14orf159	276.69	125.56	2.20	chr14	14q32.11	39	865	115.84	72.30
XPNPEP3	88.19	40.03	2.20	chr22	22q13.2	71	1935	324.26	87.85
DRAXIN	45.07	20.46	2.20	chr1	1p36.22	31	1029	218.89	139.96
CDC37	301.91	137.06	2.20	chr19	19p13.2	35	628	185.76	67.74
COQ6	152.86	69.47	2.20	chr14	14q24.3	34	532	120.85	70.92
Hs.356270	2,414.45	1,097.31	2.20	chr11	N/A	7	73	117.10	113.99
PHOX2A	170.72	77.60	2.20	chr11	11q13.2	21	453	131.94	250.93
LOC100131138	135.48	61.61	2.20	chr12	12q24.11	13	353	55.25	391.43
Hs.112740	15.25	6.94	2.20	chr4	N/A	8	377	108.03	205.66
Hs.656886	64.28	29.25	2.20	chr13	N/A	1	304	0.00	170.71
ACTA2	1,648.79	750.52	2.20	chr10	10q23.3	43	1374	105.51	196.76
MRPS18C	164.40	74.86	2.20	chr4	4q21.23	33	1141	77.38	134.68
Hs.666896	11.00	5.01	2.20	chr14	N/A	8	377	74.64	128.97
SPEG	103.88	47.31	2.20	chr2	2q35	40	1227	108.01	101.46
C21orf58	43.52	19.82	2.20	chr21	21q22.3	41	1886	146.52	119.95
Hs.708521	1,270.77	579.10	2.19	chr11	N/A	7	73	63.88	104.47
LRTM1	60.67	27.65	2.19	chr3	3p14.3	40	1016	461.62	122.83
Hs.713683	92.34	42.12	2.19	chr10	N/A	8	377	82.21	140.93
Hs.656771	38.08	17.37	2.19	chr16	N/A	8	377	81.35	145.95
Hs.653020	294.49	134.34	2.19	chr3	N/A	2	16	14.06	31.34
HIST1H2BO	31.29	14.28	2.19	chr6	6p22.1	21	460	89.89	185.09
GFRA4	37.38	17.06	2.19	chr20	20p13-p12	25	764	79.05	150.29
MTIF3	350.34	159.92	2.19	chr13	13q12.2	27	773	95.84	215.35
PRDM11	79.67	36.38	2.19	chr11	11p11	84	1626	456.49	336.00
XPR1	131.79	60.21	2.19	chr1	1q25.1	72	1016	153.64	81.94
NDUFC1	834.97	381.46	2.19	chr4	4q31.1	33	903	70.45	106.71
CNTN2	118.13	53.98	2.19	chr1	1q32.1	57	1002	314.58	202.34
Hs.659000	265.24	121.21	2.19	chr1	N/A	18	405	49.98	47.28
Hs.668067	24.50	11.20	2.19	chr2	N/A	3	66	72.71	104.88
Hs.677406	225.92	103.31	2.19	chr1	N/A	1	304	0.00	55.14
IGFBP7	1,771.42	810.43	2.19	chr4	4q12	47	1794	104.74	144.56

Hs.593514	125.94	57.63	2.19	chr10	N/A	22	523	154.96	74.25
Hs.736002	47.91	21.93	2.18	chr15	N/A	4	304	53.24	48.44
PGM1	1,003.73	459.52	2.18	chr1	1p31	30	577	91.40	129.53
Hs.703361	87.55	40.08	2.18	chr6	N/A	7	73	68.36	78.20
CAP2	252.86	115.82	2.18	chr6	6p22.3	49	1231	101.50	189.83
SLC2A4RG	139.91	64.10	2.18	chr20	20q13.33	58	1579	114.47	113.25
LINC00441	43.08	19.74	2.18	chr13	13q14.2	5	608	66.10	89.19
MRPS22	261.15	119.69	2.18	chr3	3q23	24	1372	76.65	66.23
MRPL19	140.67	64.52	2.18	chr2	2p11.1-q11.2	53	1399	89.15	149.98
MZT2B	806.79	370.04	2.18	chr2	2q21.1	61	1015	126.54	96.13
USP13	252.20	115.69	2.18	chr3	3q26.2-q26.3	53	1404	103.75	172.15
TIAM1	159.35	73.10	2.18	chr21	21q22.11	59	1182	610.06	124.96
SUPT20H	265.58	121.92	2.18	chr13	13q13.3	67	2663	330.55	308.83
MGAM	145.81	66.94	2.18	chr7	7q34	53	711	335.83	254.44
LOC10096416	17.29	7.94	2.18	chr13	N/A	4	304	61.30	58.92
Hs.713720	406.20	186.62	2.18	chr8	N/A	7	73	82.92	114.30
TMLHE	48.88	22.47	2.18	chrX	Xq28	62	1259	95.82	87.70
PDZD2	135.44	62.25	2.18	chr5	5p13.3	60	1537	142.46	155.21
PLGRKT	147.48	67.80	2.18	chr9	9p24.1	28	533	103.76	57.08
GPR25	25.31	11.64	2.18	chr1	1q32.1	21	465	68.47	128.46
KRTAP2-1	30.10	13.84	2.17	chr17	17q12-q21	17	343	74.22	183.58
MUSTN1	50.02	23.01	2.17	chr3	3p21.1	63	843	207.09	227.77
Hs.658943	106.95	49.26	2.17	chr6	N/A	7	73	197.81	134.40
Hs.596753	82.17	37.85	2.17	chr3	N/A	8	377	44.51	197.23
BPESC1	8.42	3.88	2.17	chr3	3q23	17	481	94.37	116.99
TMEM159	245.88	113.31	2.17	chr16	16p12	43	594	66.25	95.47
COX10	205.35	94.71	2.17	chr17	17p12	37	650	145.48	70.36
SLC1A3	199.62	92.10	2.17	chr5	5p13	50	1021	154.63	229.09
KRTAP5-8	142.61	65.80	2.17	chr11	11q13.4	18	464	100.81	148.61
Hs.666294	19.85	9.16	2.17	chr13	N/A	11	332	45.58	128.15
Hs.549268	71.18	32.88	2.17	chr12	N/A	7	73	228.82	147.81
AVEN	125.21	57.84	2.16	chr15	15q13.1	31	604	71.67	70.57
Hs.129193	51.95	24.00	2.16	chr10	N/A	17	472	175.40	251.74
PPP2CA	451.30	208.57	2.16	chr5	5q31.1	51	994	110.87	114.37
ABLM3	201.29	93.03	2.16	chr5	5q32	43	666	107.20	123.44
CFL2	454.59	210.21	2.16	chr14	14q12	62	1324	150.44	147.81
USP2	96.90	44.82	2.16	chr11	11q23.3	65	1731	193.03	173.21
ENDOG	133.91	62.00	2.16	chr9	9q34.1	23	504	51.29	120.19
MLH3	118.75	54.99	2.16	chr14	14q24.3	58	1570	493.26	60.99
NENF	172.01	79.66	2.16	chr1	1q32.3	57	2716	146.41	124.07
NUDT16L1	187.69	86.99	2.16	chr16	16p13.3	36	497	174.86	90.06
LINC00619	10.15	4.70	2.16	chr10	10q11.21	14	332	121.59	92.29
Hs.659124	2,909.22	1,349.09	2.16	chr17	N/A	7	73	91.06	93.17
HBG1	284.07	131.76	2.16	chr11	11p15.5	43	737	214.40	397.75
C5AR2	40.85	18.95	2.16	chr19	19q13.33	18	464	91.53	242.44
AIFM1	169.02	78.42	2.16	chrX	Xq26.1	56	723	117.70	77.71
TMEM238	20.46	9.49	2.15	chr19	19q13.42	9	324	26.80	118.71
Hs.655031	18.78	8.72	2.15	chr14	N/A	8	377	93.95	106.33
NDUFB4	1,154.19	535.79	2.15	chr3	3q13.33	32	842	99.49	108.62
Hs.714523	17.40	8.08	2.15	chr10	N/A	8	377	74.12	148.08
C20orf26	48.28	22.43	2.15	chr20	20p11.23	52	1674	134.79	189.65
TMEM67	35.95	16.71	2.15	chr8	8q22.1	35	2282	87.86	166.70
Hs.669187	27.79	12.92	2.15	chr14	N/A	1	304	0.00	73.62
NPSR1	21.10	9.81	2.15	chr7	7p14.3	22	28	147.33	48.38
EXOSC1	89.48	41.60	2.15	chr10	10q24	29	1073	104.08	115.98
Hs.667244	409.47	190.37	2.15	chr6	N/A	7	73	59.81	80.77
Hs.98013	36.13	16.80	2.15	chr2	N/A	10	73	146.63	131.49
SPIRE1	111.97	52.06	2.15	chr18	18p11.21	35	1334	199.15	92.52
POPDC3	103.22	48.00	2.15	chr6	6q21	35	594	73.23	190.98
RGS5	544.16	253.09	2.15	chr1	1q23.1	81	2637	172.48	193.53
DDO	37.73	17.56	2.15	chr6	6q21	41	992	112.46	82.86
BHLHE23	48.13	22.41	2.15	chr20	20q13.33	16	332	56.36	231.26
FABP4	1,034.32	481.94	2.15	chr8	8q21	60	1102	118.34	260.77
Hs.667741	21.20	9.88	2.15	chr12	N/A	6	652	95.78	79.83
C19orf70	398.80	185.93	2.14	chr19	19p13.3	26	469	141.00	65.80
PDE6H	22.71	10.59	2.14	chr12	12p13	28	547	162.79	259.90
DGKH	99.49	46.39	2.14	chr13	13q14.11	39	486	136.58	151.63
Hs.124421	21.61	10.08	2.14	chr5	N/A	5	22	73.44	70.34
Hs.141883	34.80	16.24	2.14	chr10	N/A	10	73	101.44	83.34
Hs.656084	42.18	19.68	2.14	chr9	N/A	17	146	172.57	65.26
Hs.656093	2,161.33	1,009.16	2.14	chr19	N/A	15	450	207.33	249.61
Hs.662048	45.29	21.15	2.14	chr1	N/A	1	314	0.00	46.65
Hs.733380	38.00	17.76	2.14	chr4	N/A	1	304	0.00	61.48
Hs.713747	413.32	193.17	2.14	chr1	N/A	5	425	22.98	37.48
TOX2	124.13	58.03	2.14	chr20	20q13.12	23	469	117.88	208.09
Hs.710429	59.23	27.70	2.14	chr7	N/A	11	377	102.08	98.19
FH	264.38	123.63	2.14	chr1	1q42.1	57	1904	135.89	121.47
HIST1H2BL	50.43	23.59	2.14	chr6	6p22.1	30	577	91.80	153.91
Hs.603076	33.83	15.83	2.14	chr15	N/A	3	66	119.84	77.44
JUND	1,170.15	547.59	2.14	chr19	19p13.2	62	1900	136.99	156.21
BCKDHA	251.65	117.84	2.14	chr19	19q13.1-q13.2	37	647	101.42	71.17
C10orf76	102.34	47.92	2.14	chr10	10q24.32	66	1408	138.64	85.12
ADAM7	24.00	11.25	2.13	chr8	8p21.2	39	1285	142.56	104.12
ZNF674	15.50	7.27	2.13	chrX	Xp11.3	17	487	111.48	202.07
Hs.676054	22.84	10.72	2.13	chr20	N/A	11	333	226.72	60.41
ANK1	164.72	77.31	2.13	chr8	8p11.1	94	3152	162.32	273.25
NOL3	141.30	66.37	2.13	chr16	16q22.1	47	1739	89.41	78.98
ATPIF1	625.42	293.85	2.13	chr1	1p35.3	37	1219	65.46	97.77
LILRB1	103.02	48.41	2.13	chr19	19q13.4	33	959	280.40	444.46
Hs.434234	22.99	10.81	2.13	chr4	N/A	1	304	0.00	48.51
Hs.563432	48.77	22.94	2.13	chr7	N/A	1	304	0.00	47.22
Hs.733735	23.58	11.09	2.13	chr6	N/A	7	73	192.86	78.88
Hs.674047	44.60	20.99	2.12	chr2	N/A	1	304	0.00	76.37

ZNF131	191.38	90.14	2.12	chr5	5p12	41	1673	265.69	115.35
POLA2	198.68	93.59	2.12	chr11	11q13.1	31	880	187.54	242.09
H2AFV	411.71	194.10	2.12	chr7	7p13	73	2068	178.71	82.99
Hs.619929	457.15	215.70	2.12	chr3	N/A	8	12	14.26	31.23
KCNIP2	93.34	44.05	2.12	chr10	10q24	43	1400	198.17	243.58
VEZT	180.20	85.05	2.12	chr12	12q22	48	1591	232.15	122.07
SERPINB6	418.47	197.54	2.12	chr6	6p25	56	1545	172.10	254.87
Hs.633789	19.96	9.42	2.12	chr1	N/A	4	370	98.10	153.84
Hs.75724	229.97	108.58	2.12	chr3	N/A	1	304	0.00	35.46
LCE1A	553.56	261.38	2.12	chr1	1q21.3	15	44	89.01	51.73
PRLHR	34.71	16.39	2.12	chr10	10q26.13	17	344	187.12	124.44
UQCQRQ	1,841.50	869.59	2.12	chr5	5q31.1	47	678	95.33	71.72
SH3BGR	154.75	73.11	2.12	chr21	21q22.3	32	616	90.77	215.50
TBX5	50.54	23.88	2.12	chr12	12q24.1	57	1699	96.05	148.26
ALKBH5	400.74	189.36	2.12	chr17	17p11.2	49	1437	215.92	143.50
QRFPR	11.96	5.65	2.12	chr4	4q27	23	332	73.95	55.03
Hs.519180	23.99	11.35	2.11	chr5	N/A	1	304	0.00	73.18
PDPN	54.56	25.81	2.11	chr1	1p36.21	70	1947	126.62	116.56
C8orf37	66.78	31.61	2.11	chr8	8q22.1	35	478	264.97	53.97
Hs.146629	15.96	7.56	2.11	chr16	N/A	3	66	111.23	88.76
MRPL38	135.96	64.37	2.11	chr17	17q25.3	37	1105	121.26	105.95
OR11A1	32.49	15.39	2.11	chr6	6p22.2-p21.31	24	454	100.10	295.87
MBOAT7	196.95	93.33	2.11	chr19	19q13.4	71	1689	334.19	231.11
RNF44	380.40	180.30	2.11	chr5	5q35.2	27	572	160.60	79.32
FOXG1	50.59	23.98	2.11	chr14	14q13	56	1173	378.87	191.05
PKN2	312.99	148.42	2.11	chr1	1p22.2	87	1990	248.77	348.52
COX7C	1,979.56	938.87	2.11	chr5	5q14	50	1433	87.64	80.17
FAM186A	17.03	8.08	2.11	chr12	12q13.12	3	327	55.21	92.65
EMC7	321.66	152.75	2.11	chr15	15q14	22	764	82.09	87.95
HIGD1B	65.62	31.16	2.11	chr17	17q21.31	21	461	71.92	109.49
BTNL2	28.62	13.60	2.11	chr6	6p21.3	21	465	115.64	64.42
LOC100505851	17.84	8.48	2.10	chr19	N/A	12	636	43.74	91.05
TIE1	94.04	44.71	2.10	chr1	1p34-p33	31	881	212.36	187.24
ICA1	84.94	40.38	2.10	chr7	7p22	84	2421	91.35	99.55
Hs.659116	28.25	13.43	2.10	chr5	N/A	7	73	107.31	162.67
ITFG3	334.67	159.14	2.10	chr16	16p13.3	26	469	69.63	80.99
MRPS27	275.51	131.13	2.10	chr5	5q13.2	33	572	108.90	66.93
Hs.501239	207.63	98.83	2.10	chr10	N/A	8	377	47.74	63.78
WFS1	258.82	123.19	2.10	chr4	4p16.1	31	881	119.32	76.89
OPCML	74.81	35.61	2.10	chr11	11q25	57	1129	594.65	272.97
NDUFB8	907.92	432.55	2.10	chr10	10q24.31	47	1490	126.94	74.89
IL12RB2	30.32	14.45	2.10	chr1	1p31.3-p31.2	30	577	196.72	92.05
NDUFB11	603.93	287.81	2.10	chrX	Xp11.23	31	540	86.97	66.82
METAP2	217.68	103.77	2.10	chr12	12q22	59	1905	145.23	172.57
PTPN21	93.23	44.47	2.10	chr14	14q31.3	72	2356	301.35	235.77
MRPL22	275.61	131.48	2.10	chr5	5q33.2	31	533	70.51	102.60
GSTO1	765.16	365.04	2.10	chr10	10q25.1	51	982	68.51	74.58
Hs.224794	62.42	29.81	2.09	chr5	N/A	14	332	109.18	79.24
Hs.130085	20.17	9.63	2.09	chr7	N/A	6	66	65.70	85.89
Hs.670757	17.98	8.59	2.09	chr1	N/A	1	304	0.00	56.97
KCNJ4	51.90	24.80	2.09	chr22	22q13.1	41	990	137.02	203.09
Hs.197683	8.08	3.86	2.09	chr7	N/A	1	304	0.00	79.06
CEP170	201.66	96.37	2.09	chr1	1q44	110	1746	513.55	135.28
CISD1	603.10	288.33	2.09	chr10	10q21.1	40	622	105.04	135.69
MOK	113.72	54.41	2.09	chr14	14q32	49	748	381.48	79.37
LOC100996419	20.86	9.98	2.09	chr5	N/A	5	608	58.22	90.62
Hs.664079	19.64	9.40	2.09	chr8	N/A	7	73	105.85	102.21
CDH9	22.89	10.96	2.09	chr5	5p14	18	453	69.26	80.35
ARIH2	159.96	76.59	2.09	chr3	3p21	93	2197	104.51	82.85
ZNF254	99.04	47.42	2.09	chr19	19p12	58	1241	153.86	115.96
Hs.707043	68.04	32.59	2.09	chr5	N/A	8	12	6.88	64.88
FBXL15	120.92	57.95	2.09	chr10	10q24.32	25	527	63.58	95.04
ROMO1	642.23	307.81	2.09	chr20	20q11.22	24	447	90.39	64.21
OR4C46	17.88	8.57	2.09	chr11	11p11.12	13	28	58.51	77.69
Hs.634874	17.17	8.23	2.09	chr3	N/A	6	355	86.61	154.41
LINC00483	19.98	9.58	2.09	chr17	17q21.33	30	476	101.47	201.38
Hs.681773	77.87	37.34	2.09	chr11	N/A	1	304	0.00	40.29
PPP4C	408.88	196.09	2.09	chr16	16p11.2	27	577	160.87	127.63
HIST1H2AD	74.09	35.54	2.08	chr6	6p21.3	23	493	107.81	138.10
Hs.145710	21.92	10.52	2.08	chr5	N/A	11	377	108.35	73.98
Hs.737108	149.85	71.91	2.08	chr13	N/A	7	73	80.55	55.95
HAGH	303.86	145.84	2.08	chr16	16p13.3	33	577	101.68	77.24
CSNK2A3	80.02	38.44	2.08	chr11	11p15.3	6	12	16.25	13.33
Hs.631515	223.34	107.32	2.08	chr4	N/A	7	73	53.83	113.95
GTF3A	642.16	308.64	2.08	chr13	13q12.3-q13.1	21	1216	81.41	61.57
C8orf47	28.88	13.89	2.08	chr8	8q22.2	23	682	47.76	139.70
Hs.318773	73.41	35.33	2.08	chr1	N/A	1	304	0.00	45.60
Hs.556108	131.88	63.50	2.08	chr17	N/A	8	377	75.36	136.85
Hs.174330	119.68	57.66	2.08	chr12	N/A	8	377	85.68	58.58
Hs.658556	8.67	4.18	2.08	chr12	N/A	1	304	0.00	85.91
THOP1	134.82	64.97	2.08	chr19	19p13.3	30	577	111.12	168.49
SLC27A6	51.86	25.01	2.07	chr5	5q23.3	24	454	50.64	111.80
MEP1A	47.86	23.08	2.07	chr6	6p12-p11	40	593	272.17	374.70
FOXO1	27.38	13.21	2.07	chr15	15q22	24	460	79.72	210.76
FBXO17	134.46	64.85	2.07	chr19	19q13.2	48	516	194.88	144.84
NTMT1	198.05	95.53	2.07	chr9	9q34.11	25	722	123.99	126.32
PLCL2	80.86	39.03	2.07	chr3	3p24.3	50	1440	83.03	106.03
TNNI3K	67.59	32.62	2.07	chr1	1p31.1	71	1198	122.84	113.32
Hs.740803	300.64	145.11	2.07	chr2	N/A	14	146	116.14	93.71
BCAR1	110.53	53.35	2.07	chr16	16q23.1	45	991	112.74	121.12
Hs.551943	33.41	16.13	2.07	chr15	N/A	4	305	48.35	61.98
PDHX	270.59	130.73	2.07	chr11	11p13	37	650	96.00	62.80
GYS1	289.04	139.66	2.07	chr19	19q13.3	30	577	83.44	109.54

NES	211.78	102.35	2.07	chr1	1q23.1	43	983	108.32	186.50
Hs.657055	42.12	20.37	2.07	chr4	N/A	10	139	154.31	77.92
Hs.342412	15.76	7.62	2.07	chr13	N/A	4	305	72.38	59.01
CHADL	90.67	43.88	2.07	chr22	22q13.2	20	457	83.41	107.58
PALMD	185.83	89.97	2.07	chr1	1p22-p21	64	1453	129.87	164.02
Hs.98462	21.36	10.35	2.06	chr3	N/A	5	22	68.40	63.59
BST1	66.18	32.10	2.06	chr4	4p15	51	795	425.70	126.67
UBR3	143.88	69.80	2.06	chr2	2q31.1	62	1355	152.74	142.86
POLRMT	112.57	54.63	2.06	chr19	19p13.3	53	1414	120.30	122.00
MEF2B	141.59	68.74	2.06	chr19	19p13.11	14	83	73.21	109.11
Hs.604377	27.79	13.50	2.06	chr7	N/A	8	377	184.72	86.25
LOC729737	50.15	24.37	2.06	chr1	1p36.33	19	36	28.50	61.63
SLC25A3	1,946.19	946.08	2.06	chr12	12q23	49	617	105.88	71.12
COP55	430.37	209.33	2.06	chr8	8q13.1	37	680	72.11	65.81
PDAP1	202.06	98.33	2.05	chr7	7q22.1	49	1103	164.96	120.48
Hs.663787	38.32	18.65	2.05	chr17	N/A	1	304	0.00	94.72
TUBA3D	488.06	237.72	2.05	chr2	2q21.1	48	577	192.03	324.68
Hs.720279	164.29	80.04	2.05	chr7	N/A	16	389	325.83	55.54
TSFM	121.65	59.29	2.05	chr12	12q14.1	42	1451	87.55	109.23
DUSP28	135.58	66.10	2.05	chr2	2q37.3	13	429	105.63	76.44
PTPRM	195.60	95.37	2.05	chr18	18p11.2	17	1628	146.68	111.20
Hs.713001	471.67	230.03	2.05	chr17	N/A	7	73	152.17	200.38
Hs.672788	14.47	7.06	2.05	chr17	N/A	1	304	0.00	85.05
IL31	5.74	2.80	2.05	chr12	12q24.31	13	28	130.15	72.14
STXBP6	72.51	35.38	2.05	chr14	14q12	72	1762	91.66	111.04
Hs.566749	1,051.89	513.59	2.05	chr9	N/A	5	51	52.98	79.91
NOLA	40.63	19.84	2.05	chr18	18q12	54	1051	558.23	145.21
Hs.537037	263.61	128.74	2.05	chrX	N/A	7	73	134.71	72.11
CMAS	121.58	59.40	2.05	chr12	12p12.1	35	908	98.65	110.24
Hs.718653	67.13	32.81	2.05	chr17	N/A	8	377	102.39	56.81
Hs.444475	234.74	114.84	2.04	chr15	N/A	13	399	156.47	356.24
PROP1	86.84	42.49	2.04	chr5	5q35.3	23	493	115.16	153.81
BB55	92.94	45.49	2.04	chr2	2q31.1	59	592	197.53	247.94
GSTP1	1,451.66	710.63	2.04	chr11	11q13	57	833	69.38	86.86
Hs.513403	18.41	9.01	2.04	chr16	N/A	6	355	70.58	75.79
Hs.550811	85.33	41.79	2.04	chr1	N/A	11	377	163.49	51.82
C10orf71-AS1	39.38	19.29	2.04	chr10	N/A	14	320	28.49	149.15
Hs.130653	21.46	10.51	2.04	chr7	N/A	6	66	101.86	138.57
DNAJB5	113.04	55.40	2.04	chr9	9p13.3	51	1064	100.32	130.94
REXO1L1	14.45	7.09	2.04	chr8	8q21.2	14	332	201.69	71.96
Hs.611451	1,203.98	590.70	2.04	chr5	N/A	7	73	89.53	99.57
ADCY5	62.44	30.63	2.04	chr3	3q21.1	36	849	187.02	90.33
ZNF775	67.90	33.33	2.04	chr7	7q36.1	36	1041	140.00	100.66
CACNA1E	37.57	18.46	2.04	chr1	1q25.3	61	2171	122.80	415.53
NAV2	119.91	58.92	2.04	chr11	11p15.1	170	2519	896.41	186.81
Hs.473255	54.84	26.96	2.03	chr20	N/A	4	304	40.92	61.26
Hs.567530	104.12	51.19	2.03	chr7	N/A	27	1086	162.50	146.29
FHL1	1,661.58	817.52	2.03	chrX	Xq26	52	2320	122.19	169.68
ZAK	307.95	151.60	2.03	chr2	2q24.2	82	2412	177.24	185.95
Hs.524830	21.98	10.82	2.03	chr12	N/A	5	22	73.02	69.33
Hs.116134	30.17	14.86	2.03	chr7	N/A	7	73	194.64	96.00
Hs.712786	302.25	148.87	2.03	chr13	N/A	7	73	107.81	203.48
Hs.308202	16.08	7.92	2.03	chr5	N/A	4	304	62.97	46.19
Hs.85862	90.98	44.83	2.03	chr4	N/A	7	73	117.18	126.83
BCL2L13	118.93	58.60	2.03	chr22	22q11.1	66	1951	166.92	84.28
PSMC3	272.22	134.16	2.03	chr11	11p11.2	41	701	96.15	103.43
Hs.662827	362.83	178.85	2.03	chr11	N/A	7	73	152.66	94.89
PRKAG2	96.21	47.43	2.03	chr7	7q36.1	104	2276	124.63	89.02
CUL2	133.10	65.61	2.03	chr10	10p11.21	35	996	196.69	128.29
SDHD	629.52	310.59	2.03	chr11	11q23	75	1109	274.65	239.22
Hs.715765	162.67	80.28	2.03	chr3	N/A	11	377	114.59	319.53
GCM1	40.22	19.85	2.03	chr6	6p12.1	40	594	134.41	701.33
LOC100509195	37.60	18.56	2.03	chr1	N/A	6	355	117.29	64.28
Hs.114180	72.73	35.90	2.03	chr20	N/A	8	377	145.30	835.57
Hs.667322	12.87	6.36	2.03	chr12	N/A	1	304	0.00	94.51
Hs.14032	22.31	11.02	2.02	chr14	N/A	4	304	51.90	66.02
ASAH1	412.37	203.70	2.02	chr8	8p22	68	1925	142.39	122.58
CADM2	45.55	22.50	2.02	chr3	3p12.1	46	1882	382.91	124.47
TAS2R9	29.00	14.35	2.02	chr12	12p13	21	453	88.62	82.97
PTGFRN	225.56	111.69	2.02	chr1	1p13.1	37	844	120.73	106.47
C9orf89	128.02	63.41	2.02	chr9	9q22.31	20	700	70.74	109.14
EIF3K	1,025.26	507.83	2.02	chr19	19q13.2	51	1754	43.64	73.86
SLC25A11	282.27	139.90	2.02	chr17	17p13.3	32	975	99.18	97.65
Hs.729233	52.33	25.94	2.02	chr1	N/A	11	332	56.61	75.68
CLPP	212.22	105.20	2.02	chr19	19p13.3	30	577	77.26	78.11
CDH5	164.46	81.55	2.02	chr16	16q22.1	42	701	117.38	115.68
Hs.538116	12.80	6.35	2.02	chr1	N/A	5	22	57.71	62.67
LOC284757	62.63	31.08	2.02	chr20	20q13.33	5	608	48.79	92.45
BOP1	113.21	56.19	2.01	chr8	8q24.3	20	489	81.39	66.54
LOC100130920	52.80	26.22	2.01	chr10	10p15.1	12	44	60.44	62.07
Hs.733741	76.80	38.15	2.01	chr3	N/A	1	304	0.00	38.54
KCNQ1	99.57	49.49	2.01	chr11	11p15.5	51	1077	158.60	118.51
POLE4	146.52	72.83	2.01	chr2	2p12	38	1105	113.67	82.18
PRAMEF3	18.22	9.06	2.01	chr1	1p36.21	10	28	199.06	58.25
Hs.149492	27.17	13.51	2.01	chr2	N/A	2	22	32.56	77.16
SLC4A10	22.54	11.21	2.01	chr2	2q24.2	38	559	355.25	89.39
NT5C	81.96	40.79	2.01	chr17	17q25.1	24	417	86.19	62.20
Hs.577039	16.50	8.22	2.01	chr11	N/A	4	304	76.74	50.59
RNF115	260.24	129.61	2.01	chr1	1q21.1	47	673	153.48	67.59
DDX1	670.71	334.13	2.01	chr2	2p24	30	577	84.70	89.17
ATP5F1	1,469.83	732.37	2.01	chr1	1p13.2	38	611	86.33	68.50
PRMT7	66.98	33.38	2.01	chr16	16q22.1	37	561	90.70	154.09
SLC25A34	129.03	64.30	2.01	chr1	1p36.21	12	712	117.43	123.83

JDP2	212.27	105.80	2.01	chr14	14q24.3	39	865	249.89	159.59
SDK2	81.58	40.70	2.00	chr17	17q25.1	63	1972	218.43	129.07
FLJ26850	28.84	14.39	2.00	chr19	19q13.33	14	332	64.71	105.60
TIMM50	107.50	53.66	2.00	chr19	19q13.2	31	890	80.30	83.97
Hs.665226	77.36	38.64	2.00	chr9	N/A	1	304	0.00	82.33
Hs.718832	115.57	57.76	2.00	chr19	N/A	5	51	171.44	160.82
TOM1L2	153.62	76.77	2.00	chr17	17p11.2	63	1422	151.36	110.41
HAX1	437.11	218.52	2.00	chr1	1q21.3	37	881	90.47	89.49
Hs.462035	325.89	162.94	2.00	chr17	N/A	7	73	59.70	65.65
KLF2	405.97	203.02	2.00	chr19	19p13.11	47	1247	121.14	154.34
Hs.586834	57.35	28.68	2.00	chr14	N/A	17	101	68.78	85.21
Hs.581009	206.47	103.27	2.00	chr22	N/A	10	28	24.25	42.94
FAM210A	83.36	41.70	2.00	chr18	18p11.21	59	1324	83.99	97.95
TAS1R1	42.29	21.17	2.00	chr1	1p36.23	35	779	143.75	119.49
LMO7	156.25	78.23	2.00	chr13	13q22.2	73	1861	129.53	216.81
Hs.672024	106.81	53.49	2.00	chr3	N/A	5	421	142.91	48.54
RABEP1	116.02	58.13	2.00	chr17	17p13.2	95	1991	194.70	175.88
Hs.51649	23.80	11.93	2.00	chr9	N/A	14	532	222.50	80.72
C3orf18	115.50	57.90	1.99	chr3	3p21.3	28	538	69.67	82.63
Hs.398159	23.27	11.68	1.99	chr1	N/A	5	608	65.01	58.48
PDE6C	12.32	6.18	1.99	chr10	10q24	33	565	253.22	217.73
ZNF330	181.42	91.11	1.99	chr4	4q31.21	47	1126	88.45	79.75
CHST13	58.57	29.42	1.99	chr3	3q21.3	32	783	127.93	127.83
SP11	86.30	43.35	1.99	chr11	11p11.2	47	723	167.38	123.43
ZNF780B	32.84	16.50	1.99	chr19	19q13.2	31	1433	150.65	96.38
Hs.551126	20.51	10.30	1.99	chr8	N/A	4	304	54.28	85.33
MSLNL	20.66	10.38	1.99	chr16	16p13.3	17	132	57.22	125.55
IL17RE	52.03	26.15	1.99	chr3	3p25.3	32	845	188.22	147.09
Hs.653972	12.91	6.49	1.99	chr13	N/A	4	308	50.32	81.47
Hs.44380	82.59	41.51	1.99	chr4	N/A	14	443	119.18	190.67
ZCWPW2	18.41	9.25	1.99	chr3	3p24.1	4	304	78.81	108.25
EID2B	54.26	27.28	1.99	chr19	19q13.2	29	461	149.57	77.81
VASH1	76.62	38.53	1.99	chr14	14q24.3	51	1889	107.85	104.08
LOC339260	26.77	13.46	1.99	chr17	17p11.2	25	1584	118.98	126.80
CAMK2B	141.80	71.33	1.99	chr7	7p14.3-p14.1	77	2379	164.01	127.08
MTA1	211.85	106.57	1.99	chr14	14q32.3	59	1131	107.87	99.24
CCDC124	73.04	36.76	1.99	chr19	19p13.11	27	773	64.75	93.76
IGL	223.52	112.50	1.99	chr22	22q11.2	14	1475	220.87	483.69
PPP1R16A	203.52	102.44	1.99	chr8	8q24.3	36	494	110.13	86.45
ZNF663	11.58	5.83	1.99	chr20	20q13.12	6	320	49.02	56.69
Hs.686993	12.69	6.39	1.99	chr19	N/A	1	304	0.00	58.14
IDUA	91.62	46.15	1.99	chr4	4p16.3	47	1873	252.21	219.03
PDCD7	170.10	85.70	1.98	chr15	15q22.31	40	801	228.32	78.94
LOC400548	23.59	11.89	1.98	chr16	16q24.1	1	304	0.00	50.85
Hs.596034	168.10	84.72	1.98	chr20	N/A	7	73	100.14	65.56
Hs.647561	77.15	38.91	1.98	chr14	N/A	8	377	88.15	433.85
SQSTM1	377.59	190.44	1.98	chr5	5q35	71	2255	159.18	166.96
Hs.649202	590.51	297.83	1.98	chr6	N/A	7	73	45.51	106.68
IL11RA	126.22	63.66	1.98	chr9	9p13	65	1371	146.51	70.00
Hs.595054	47.02	23.72	1.98	chr12	N/A	3	326	70.09	114.44
LOC100505738	55.22	27.86	1.98	chr5	N/A	16	754	153.16	91.36
EXOC3L2	387.36	195.50	1.98	chr19	19q13.32	16	384	86.57	89.18
PDGFB	86.37	43.61	1.98	chr22	22q13.1	72	2045	152.67	131.96
Hs.350952	56.01	28.28	1.98	chrX	N/A	14	344	39.50	41.81
CLIC6	115.58	58.38	1.98	chr21	21q22.12	20	698	103.34	140.43
MALSU1	233.56	117.98	1.98	chr7	7p15.3	47	1903	149.12	151.89
RPUSD2	68.09	34.40	1.98	chr15	15q13.3	30	572	107.13	87.07
NUAK1	255.29	128.97	1.98	chr12	12q23.3	47	718	93.68	108.13
WEE1	161.92	81.81	1.98	chr11	11p15.3-p15.1	37	1024	134.86	119.19
Hs.570849	7.48	3.78	1.98	chr4	N/A	10	28	135.72	74.83
C6orf106	145.68	73.65	1.98	chr6	6p21.31	62	1463	131.93	117.75
Hs.458516	32.67	16.52	1.98	chr8	N/A	1	304	0.00	47.60
SLCO5A1	23.48	11.89	1.97	chr8	8q13.3	21	453	114.38	77.98
SYNM	462.50	234.37	1.97	chr15	15q26.3	38	1019	99.29	214.09
CHRNA3	70.07	35.52	1.97	chr15	15q24	46	1407	549.86	141.66
FKBP3	263.59	133.60	1.97	chr14	14q21.2	26	1073	81.92	140.83
ST8SIA2	24.54	12.44	1.97	chr15	15q26	53	1004	91.03	101.39
SIPA1L2	181.20	91.94	1.97	chr1	1q42.2	39	1254	87.80	93.26
SLC13A1	88.23	44.77	1.97	chr7	7q31.32	74	1266	306.04	357.35
ADRA1B	31.77	16.12	1.97	chr5	5q33.3	46	668	223.00	181.01
LOC100128364	204.52	103.80	1.97	chr7	7p13	10	28	53.14	86.65
DNM2	97.85	49.67	1.97	chr19	19p13.2	37	1279	85.59	109.46
ZNF688	68.29	34.68	1.97	chr16	16p11.2	50	2041	168.19	120.55
ACSS2	384.63	195.34	1.97	chr20	20q11.22	48	497	186.02	78.37
LOC339622	9.71	4.93	1.97	chr21	21q21.1-q21.2	1	304	0.00	86.92
Hs.683165	375.60	190.86	1.97	chr7	N/A	10	28	52.90	91.76
CRY2	167.15	84.95	1.97	chr11	11p11.2	50	628	117.21	74.50
LOC100268168	17.86	9.08	1.97	chr5	5q35.1	3	326	66.97	71.09
HCRTR1	22.53	11.45	1.97	chr1	1p33	29	573	101.73	136.75
RBP3	63.01	32.05	1.97	chr10	10q11.2	22	576	130.97	137.06
NDUFS6	580.14	295.04	1.97	chr5	5p15.33	30	577	87.42	68.02
Hs.348532	9.59	4.88	1.97	chr16	N/A	13	28	130.21	141.17
Hs.604172	12.81	6.51	1.97	chr4	N/A	2	22	84.19	85.36
Hs.745193	174.65	88.89	1.96	chr17	N/A	7	73	38.22	95.44
FOXD4	25.75	13.11	1.96	chr9	9p24.3	32	780	92.31	119.37
Hs.713907	87.02	44.32	1.96	chr20	N/A	9	355	101.85	186.70
Hs.729126	37.05	18.88	1.96	chr5	N/A	7	73	174.10	58.11
LRSAM1	56.15	28.61	1.96	chr9	9q33.3	37	865	150.05	164.37
MTMR14	173.43	88.38	1.96	chr3	3p26	45	866	100.75	68.31
GPSM1	208.63	106.36	1.96	chr9	9q34.3	39	801	137.59	112.06
PRKCDBP	209.55	106.84	1.96	chr11	11p15.4	38	561	101.79	96.06
Hs.667990	19.42	9.90	1.96	chr5	N/A	2	16	118.53	157.10
SLC25A45	68.52	34.96	1.96	chr11	11q13.1	55	850	303.79	89.74

CLEC14A	193.54	98.81	1.96	chr14	14q21.1	29	394	81.80	89.60
Hs.93963	21.52	10.99	1.96	chr6	N/A	4	304	43.67	55.50
MAGEA10	54.46	27.82	1.96	chrX	Xq28	45	1064	311.12	219.24
Hs.633212	38.99	19.92	1.96	chr2	N/A	11	377	71.57	98.04
FLG-AS1	36.19	18.49	1.96	chr1	1q21.3	8	377	141.97	100.21
Hs.708005	239.77	122.52	1.96	chr16	N/A	19	528	88.74	118.19
Hs.680127	32.17	16.44	1.96	chr15	N/A	1	304	0.00	53.87
BVES	94.03	48.07	1.96	chr6	6q21	50	875	156.55	129.03
Hs.660170	14.70	7.51	1.96	chr14	N/A	8	377	152.44	85.73
REXO2	328.21	167.85	1.96	chr11	11q23.2	48	1546	116.04	146.64
SETMAR	80.02	40.93	1.96	chr3	3p26.1	43	1162	191.35	125.91
MIPEP	89.73	45.90	1.95	chr13	13q12	33	975	116.93	73.86
IL10	28.66	14.67	1.95	chr1	1q31-q32	48	705	223.41	70.47
Hs.714923	22.50	11.52	1.95	chr16	N/A	1	304	0.00	70.68
C14orf23	47.69	24.41	1.95	chr14	14q12	9	360	168.91	76.70
PROKR2	75.03	38.42	1.95	chr20	20p12.3	24	798	227.84	142.69
ACSS1	132.03	67.61	1.95	chr20	20p11.23-p11.	61	1282	140.91	102.91
Hs.709493	128.29	65.71	1.95	chr16	N/A	12	681	147.37	37.58
ISCU	1,403.53	719.31	1.95	chr12	12q24.1	33	572	54.62	57.61
Hs.665965	26.60	13.64	1.95	chr12	N/A	22	523	182.55	138.00
HOMER1	108.61	55.70	1.95	chr5	5q14.2	47	1079	114.40	100.74
C1QB	329.15	168.81	1.95	chr17	17p13.3	28	924	63.60	59.30
SLC44A4	95.54	49.02	1.95	chr6	6p21.3	45	863	340.52	184.97
Hs.664835	29.74	15.26	1.95	chr12	N/A	8	377	164.65	82.46
Hs.732112	7.11	3.65	1.95	chr8	N/A	4	304	46.59	90.67
MRPL37	320.13	164.37	1.95	chr1	1p32.1	35	594	107.24	95.28
PPP1R3F	74.35	38.18	1.95	chrX	Xp11.23	68	1217	142.06	84.47
Hs.732611	106.48	54.69	1.95	chr3	N/A	8	377	94.67	57.69
NUDT1	60.47	31.07	1.95	chr7	7p22	33	577	74.26	109.60
NDUFAF1	178.70	91.83	1.95	chr15	15q11.2-q21.3	32	611	74.91	65.64
YIPF4	82.58	42.45	1.95	chr2	2p22.3	50	1170	99.31	106.22
CGB5	75.64	38.89	1.94	chr19	19q13.32	15	20	145.98	66.86
ASCL1	102.27	52.59	1.94	chr12	12q23.2	124	3062	350.27	306.41
LOC100505573	122.42	62.96	1.94	chr15	N/A	19	709	55.99	79.50
SPRY1	236.02	121.41	1.94	chr4	4q28.1	37	876	179.63	98.04
ASB11	21.32	10.97	1.94	chrX	Xp22.31	25	385	102.70	142.40
TEK	114.72	59.04	1.94	chr9	9p21	40	1036	104.05	105.48
TLL2	24.93	12.84	1.94	chr10	10q23-q24	60	1506	88.54	94.76
Hs.513883	256.92	132.36	1.94	chr17	N/A	7	73	77.84	74.47
Hs.708673	13.31	6.86	1.94	chr1	N/A	4	304	41.52	84.76
Hs.603086	29.52	15.22	1.94	chr2	N/A	14	146	69.89	73.46
CCDC108	63.00	32.47	1.94	chr2	2q35	54	1087	146.51	358.59
VAMP5	114.20	58.88	1.94	chr2	2p11.2	37	1024	101.58	161.68
Hs.658036	21.35	11.01	1.94	chr16	N/A	1	304	0.00	56.39
GNS	164.00	84.62	1.94	chr12	12q14	58	1334	283.07	131.55
PEX12	155.25	80.13	1.94	chr17	17q12	41	591	148.71	160.68
TIMM13	144.28	74.48	1.94	chr19	19p13.3	33	946	105.69	122.06
Hs.732794	28.15	14.53	1.94	chr9	N/A	3	66	111.46	74.55
UBXN1	264.13	136.46	1.94	chr11	11q12.3	37	952	94.49	110.93
SIGLEC16	40.66	21.01	1.94	chr19	19q13.33	4	304	58.16	169.69
SDHC	349.57	180.66	1.93	chr1	1q23.3	44	1716	95.65	73.88
Hs.658510	36.22	18.72	1.93	chrX	N/A	8	377	50.23	150.81
COA4	223.33	115.44	1.93	chr11	11q13.4	28	533	87.81	77.46
Hs.125337	10.68	5.52	1.93	chr12	N/A	10	73	65.57	73.27
CACNA1C-IT3	17.37	8.98	1.93	chr12	N/A	7	73	170.68	102.43
Hs.679409	74.92	38.76	1.93	chr17	N/A	25	488	103.27	155.72
CPT2	148.41	76.81	1.93	chr1	1p32	40	1031	85.42	99.07
KRT84	19.13	9.91	1.93	chr12	12q13	11	430	109.75	254.60
NFE2L1	980.53	507.58	1.93	chr17	17q21.3	78	1515	102.06	131.77
Hs.569176	7.07	3.66	1.93	chr12	N/A	10	28	86.81	63.60
HIST1H2AM	46.01	23.83	1.93	chr6	6p22.1	40	605	115.80	292.28
OXT	43.48	22.53	1.93	chr20	20p13	23	497	89.51	98.74
PPP3CC	69.95	36.31	1.93	chr8	8p21.3	52	2301	98.10	101.82
ALDOA	1,740.65	903.73	1.93	chr16	16p11.2	59	1380	106.55	119.71
NDUFV2	523.85	272.03	1.93	chr18	18p11.22	42	730	104.90	98.02
Hs.60556	12.97	6.73	1.93	chr3	N/A	9	355	90.87	87.73
NFRKB	128.19	66.63	1.92	chr11	11q24-q25	43	1335	303.93	203.68
Hs.666441	177.97	92.56	1.92	chr3	N/A	7	73	30.63	56.43
HTR2A	51.51	26.79	1.92	chr13	13q14-q21	47	1444	233.42	113.30
SLC16A5	78.26	40.71	1.92	chr17	17q25.1	47	1492	128.00	74.93
Hs.646532	26.93	14.01	1.92	chr15	N/A	24	560	188.67	99.42
THRA	114.81	59.73	1.92	chr17	17q11.2	85	2538	129.97	216.57
Hs.224012	191.16	99.49	1.92	chr20	N/A	13	428	101.81	123.40
PAM16	185.41	96.51	1.92	chr16	16p13.3	25	533	97.83	48.68
SLC29A1	179.65	93.52	1.92	chr6	6p21.1	55	1143	95.25	79.89
Hs.569800	64.75	33.70	1.92	chr17	N/A	1	304	0.00	57.39
NXP2	34.49	17.95	1.92	chr2	2q22.1	38	1157	252.53	76.25
PIN1	194.56	101.33	1.92	chr19	19p13	37	650	120.98	79.34
C21orf54	10.74	5.59	1.92	chr21	21q22.11	10	28	204.33	137.10
KIAA0101	148.73	77.50	1.92	chr15	15q22.31	68	1120	411.21	159.55
ISOC1	298.87	155.76	1.92	chr5	5q22.1-q33.3	28	533	62.14	68.67
STRIP2	32.66	17.02	1.92	chr7	7q32.1	43	793	73.69	127.13
FCRLB	95.01	49.54	1.92	chr1	1q23.3	36	562	138.18	295.95
TFG	303.80	158.51	1.92	chr3	3q12.2	61	1684	128.17	148.91
Hs.745090	35.62	18.59	1.92	chr12	N/A	7	73	78.31	74.87
PP1F	335.12	174.95	1.92	chr10	10q22-q23	67	1185	78.65	114.99
LINC00707	14.37	7.51	1.91	chr10	N/A	10	28	224.96	80.97
CAV2	281.53	147.09	1.91	chr7	7q31.1	72	1630	152.67	153.61
ZNF579	382.00	199.62	1.91	chr19	19q13.42	24	447	105.49	154.99
PTDSS2	112.67	58.91	1.91	chr11	11p15.5	21	457	70.91	117.78
PLA2G4C	114.38	59.82	1.91	chr19	19q13.3	39	887	103.16	125.09
GLOD5	25.27	13.22	1.91	chrX	Xp11.23	5	608	63.45	114.64
LOC152578	12.81	6.70	1.91	chr4	4q12	4	304	84.69	46.94

VLDLR	122.26	63.97	1.91	chr9	9p24	31	555	88.87	105.49
Hs.160363	10.03	5.25	1.91	chr8	N/A	4	304	69.37	72.98
MRPL21	296.04	154.93	1.91	chr11	11q13.3	30	417	83.83	61.29
Hs.551982	6.96	3.64	1.91	chr18	N/A	1	304	0.00	91.29
MEDAG	220.68	115.58	1.91	chr13	13q12.3	38	1103	461.34	259.05
SLC16A13	39.95	20.93	1.91	chr17	17p13.1	16	28	119.38	77.25
HOXA-AS4	27.93	14.64	1.91	chr7	N/A	8	377	90.44	145.74
RBFOX1	156.61	82.13	1.91	chr16	16p13.3	66	1317	135.18	162.34
LRIT1	26.45	13.87	1.91	chr10	10q23	23	489	108.46	145.83
SLC2A12	86.37	45.31	1.91	chr6	6q23.2	36	793	138.61	138.58
ACE2	60.77	31.88	1.91	chrX	Xp22	33	950	168.69	219.13
Hs.713786	95.21	49.95	1.91	chr12	N/A	1	304	0.00	109.75
OPN1SW	23.03	12.09	1.90	chr7	7q32.1	23	494	85.35	78.49
PSMD8	501.95	263.67	1.90	chr19	19q13.2	35	684	98.68	84.37
Hs.545069	46.51	24.44	1.90	chr7	N/A	10	73	81.32	392.51
ADAMTS7	62.76	32.98	1.90	chr15	15q24.2	64	1423	161.94	160.35
P4HA2	143.09	75.23	1.90	chr5	5q31	53	994	86.31	106.30
ATP10B	159.20	83.76	1.90	chr5	5q34	35	942	126.84	105.22
LOC253573	11.38	5.99	1.90	chr3	3q27.3	6	326	83.21	90.52
MOCS1	58.51	30.81	1.90	chr6	6p21.3	50	1302	143.50	74.08
RNH1	460.56	242.50	1.90	chr11	11p15.5	54	940	103.16	102.33
MRPL33	714.41	376.32	1.90	chr2	2p21	56	808	106.39	116.86
Hs.659023	15.96	8.41	1.90	chr2	N/A	8	377	98.17	159.75
LOC100129917	28.57	15.07	1.90	chr4	4p16.3	11	333	225.96	72.00
NBPF3	116.55	61.49	1.90	chr1	1p36.12	64	798	109.61	155.91
Hs.655080	26.52	13.99	1.90	chr3	N/A	1	304	0.00	57.03
MRPS11	112.08	59.16	1.89	chr15	15q25	58	1048	115.24	85.38
IL17A	18.86	9.95	1.89	chr6	6p12	28	913	105.80	160.62
BSG	309.54	163.49	1.89	chr19	19p13.3	67	779	158.91	104.06
Hs.661277	19.70	10.40	1.89	chr9	N/A	8	377	175.79	91.44
FLJ11235	35.33	18.66	1.89	chr5	5q22.2	35	555	95.64	122.73
TTY14	53.24	28.18	1.89	chrY	Yq11.222	36	485	83.51	108.23
C5orf50	30.93	16.37	1.89	chr5	5q35.1	2	16	117.57	122.07
DGKG	48.13	25.49	1.89	chr3	3q27.2-q27.3	33	908	90.23	113.27
DCTN2	231.37	122.55	1.89	chr12	12q13.3	51	1716	120.85	131.23
THBS4	293.19	155.31	1.89	chr5	5q13	30	577	75.77	211.74
USP39	144.82	76.72	1.89	chr2	2p11.2	28	538	82.02	98.66
HSH2D	31.03	16.44	1.89	chr19	19p13.12	19	384	97.36	120.28
Hs.587819	28.47	15.10	1.89	chr15	N/A	11	332	48.03	66.56
Hs.700855	51.58	27.35	1.89	chr2	N/A	8	377	85.13	123.81
LOC100288911	65.04	34.50	1.89	chr2	2p22.3	10	632	41.45	97.77
CISD3	198.65	105.43	1.88	chr17	17q12	29	1566	83.31	85.35
CCL7	44.97	23.88	1.88	chr17	17q11.2-q12	30	565	260.70	129.75
GJA3	22.23	11.81	1.88	chr13	13q12.11	49	931	134.64	87.35
MRPS2	145.21	77.18	1.88	chr9	9q34	28	520	65.44	66.36
RNF103	302.94	161.12	1.88	chr2	2p11.2	36	932	93.31	96.88
Hs.667093	37.06	19.72	1.88	chr15	N/A	7	73	199.45	52.05
LSM1	367.97	195.79	1.88	chr8	8p11.2	29	577	107.17	52.73
LMCD1	235.90	125.54	1.88	chr3	3p26-p24	36	915	186.51	159.89
Hs.655069	19.62	10.44	1.88	chr13	N/A	8	377	121.74	89.31
TP11	945.55	503.31	1.88	chr12	12p13	57	1537	115.03	110.64
TMEM134	138.06	73.54	1.88	chr11	11q13.2	33	1141	67.52	122.45
MED4	183.84	97.93	1.88	chr13	13q14.2	26	854	101.40	147.53
Hs.127935	28.28	15.07	1.88	chr22	N/A	5	22	60.82	61.56
Hs.660503	30.62	16.31	1.88	chr2	N/A	8	377	58.25	67.43
MKRN2	90.51	48.24	1.88	chr3	3p25	34	1245	118.28	86.40
LOC100996251	34.11	18.18	1.88	chr1	N/A	1	304	0.00	62.00
MDGA2	24.63	13.13	1.88	chr14	14q21.3	24	811	255.88	167.85
CDK5R2	52.61	28.05	1.88	chr2	2q35	54	748	127.71	140.52
CD58	73.30	39.09	1.88	chr1	1p13	60	2330	115.30	102.75
MRPS7	254.93	135.99	1.87	chr17	17q25	28	538	68.86	54.51
LOC100506083	22.58	12.05	1.87	chr16	N/A	8	383	107.95	121.43
LOC441052	110.31	58.87	1.87	chr4	4q34.1	21	416	233.56	204.18
FBXO32	216.37	115.49	1.87	chr8	8q24.13	83	1968	120.84	215.29
LAMA4	166.27	88.75	1.87	chr6	6q21	78	2372	141.18	258.56
TSR3	77.92	41.60	1.87	chr16	16p13.3	50	1876	85.79	103.57
Hs.99418	143.61	76.68	1.87	chr1	N/A	7	73	68.65	85.50
Hs.388653	265.63	141.88	1.87	chr2	N/A	17	146	85.98	51.60
DIRC2	113.73	60.76	1.87	chr3	3q21.1	23	766	89.22	87.47
Hs.594784	46.33	24.77	1.87	chr15	N/A	25	478	146.53	140.05
RAB7A	255.55	136.66	1.87	chr3	3q21.3	67	2380	203.57	138.64
Hs.656087	10.49	5.61	1.87	chr8	N/A	8	377	114.18	141.93
Hs.741439	74.31	39.77	1.87	chr12	N/A	12	124	94.38	116.07
SNHG10	26.36	14.11	1.87	chr14	14q32.13	16	940	66.22	87.39
C9orf62	100.92	54.02	1.87	chr9	9q34.3	14	344	89.85	219.42
UBE2D1	77.76	41.62	1.87	chr10	10q21.1	64	1608	133.87	163.33
NTSDC4	22.39	11.99	1.87	chr2	2q13	8	976	112.19	161.06
Hs.657764	155.23	83.13	1.87	chr3	N/A	8	377	111.09	67.71
POLR21	461.76	247.39	1.87	chr19	19q12	30	594	89.19	75.99
TAS2R10	19.30	10.34	1.87	chr12	12p13	21	453	65.91	73.25
CS	612.45	328.25	1.87	chr12	12q13.2	62	842	181.65	95.45
Hs.508885	16.55	8.88	1.86	chr14	N/A	3	12	53.68	29.19
BCAT2	120.13	64.47	1.86	chr19	19q13	45	1022	101.35	70.68
Hs.126118	10.84	5.82	1.86	chr11	N/A	1	304	0.00	73.64
Hs.662387	47.13	25.31	1.86	chr18	N/A	11	332	93.45	97.19
Hs.596912	32.97	17.71	1.86	chr10	N/A	8	12	11.50	35.28
KIAA0355	208.26	111.95	1.86	chr19	19q13.11	34	645	334.95	82.89
SSBP2	117.81	63.35	1.86	chr5	5q14.1	61	1824	301.70	111.42
PRDX6	1,080.89	581.78	1.86	chr1	1q25.1	32	997	66.27	68.47
ALKBH7	248.21	133.62	1.86	chr19	19p13.3	39	1409	204.02	266.51
Hs.737877	12.89	6.94	1.86	chr20	N/A	1	304	0.00	76.20
Hs.659021	112.51	60.58	1.86	chr3	N/A	1	304	0.00	74.60
NDUFAF5	101.40	54.61	1.86	chr20	20p12.1	43	1209	103.82	79.87

Hs.736914	9.95	5.36	1.86	chr12	N/A	1	304	0.00	85.91
MRPS23	142.02	76.52	1.86	chr17	17q22-q23	26	469	41.35	56.57
LINC00602	15.54	8.37	1.86	chr6	6q27	2	16	88.28	56.98
SCN3A	35.40	19.08	1.86	chr2	2q24	45	857	221.03	138.03
ZNF479	30.88	16.65	1.85	chr7	7p11.2	17	700	69.39	83.56
CDKN2D	76.83	41.44	1.85	chr19	19p13	40	1036	94.05	201.40
Hs.729104	118.17	63.73	1.85	chr9	N/A	1	304	0.00	100.01
SLMAP	225.89	121.86	1.85	chr3	3p21.2-p14.3	65	1093	140.39	195.01
MRPL39	170.25	91.84	1.85	chr21	21q21.3	39	910	80.38	127.21
Hs.720206	39.46	21.29	1.85	chr8	N/A	8	377	233.41	143.83
CLVS2	62.38	33.66	1.85	chr6	6q22.31	9	360	158.14	163.07
TFDP1	100.49	54.24	1.85	chr13	13q34	53	1016	168.99	135.93
PDE1C	41.46	22.38	1.85	chr7	7p14.3	51	1712	93.72	78.57
LAGE3	136.06	73.45	1.85	chrX	Xq28	37	1036	80.08	102.75
DDX51	54.84	29.61	1.85	chr12	12q24.33	53	1404	205.25	92.94
TMEM141	324.75	175.33	1.85	chr9	9q34.3	24	436	178.63	139.25
BAI3	61.43	33.17	1.85	chr6	6q12	50	1178	350.97	484.69
FLJ32790	21.04	11.37	1.85	chr16	16p13.13	11	332	222.91	50.75
KRBA1	114.12	61.66	1.85	chr7	7q36	24	417	66.66	77.92
KALRN	90.13	48.72	1.85	chr3	3q21.2	89	2515	269.77	221.04
IP6K3	73.57	39.77	1.85	chr6	6p21.31	24	411	146.20	154.22
PPP1R12C	99.79	53.96	1.85	chr19	19q13.42	28	1077	80.62	99.75
LOC100996658	16.26	8.79	1.85	chr20	N/A	13	28	222.52	116.79
PSMA5	300.95	162.79	1.85	chr1	1p13	38	954	107.86	175.71
Hs.434806	7.96	4.31	1.85	chr2	N/A	1	304	0.00	88.70
QPRT	132.20	71.55	1.85	chr16	16p11.2	38	583	63.06	155.37
RGS9BP	26.64	14.42	1.85	chr19	19q13.11	14	332	89.13	91.95
TXNRD1	268.89	145.74	1.85	chr12	12q23-q24.1	34	881	140.08	134.34
MRPL10	210.51	114.12	1.84	chr17	17q21.32	32	424	137.78	53.72
CCDC130	154.42	83.75	1.84	chr19	19p13.2	30	572	104.99	65.00
GPN3	469.94	254.93	1.84	chr12	12q24.11	28	538	221.14	261.81
MRPL23	178.24	96.74	1.84	chr11	11p15.5	31	881	86.51	82.61
Hs.537532	319.40	173.36	1.84	chr9	N/A	7	73	121.85	134.30
Hs.648960	122.36	66.41	1.84	chrX	N/A	1	304	0.00	40.72
Hs.668149	33.22	18.03	1.84	chr6	N/A	1	304	0.00	60.60
LOC388692	74.23	40.30	1.84	chr1	1q21.2	22	1313	110.70	117.63
LOC400654	13.45	7.30	1.84	chr18	18q22.1	4	304	66.74	80.00
Hs.659225	15.62	8.48	1.84	chr7	N/A	7	659	101.52	163.45
Hs.655786	20.70	11.25	1.84	chrX	N/A	11	332	204.62	63.77
NEK7	370.92	201.51	1.84	chr1	1q31.3	52	689	271.28	100.42
C10orf91	23.38	12.70	1.84	chr10	10q26.3	20	336	86.92	70.06
Hs.479853	20.70	11.25	1.84	chr4	N/A	24	539	149.68	190.58
Hs.146439	29.32	15.94	1.84	chr1	N/A	3	66	47.13	122.36
STEAP1B	44.23	24.05	1.84	chr7	7p15.3	8	420	63.05	54.50
ERAP2	75.81	41.23	1.84	chr5	5q15	54	1876	277.80	169.04
MAP2K7	154.59	84.08	1.84	chr19	19p13.3-p13.2	59	2121	224.49	229.78
Hs.666110	53.05	28.86	1.84	chr7	N/A	9	95	233.03	106.27
PLIN4	333.69	181.63	1.84	chr19	19p13.3	30	500	181.12	340.36
Hs.385604	18.15	9.88	1.84	chr20	N/A	4	304	76.48	67.23
Hs.734342	87.52	47.65	1.84	chr17	N/A	3	66	47.11	38.65
Hs.660937	31.91	17.38	1.84	chr11	N/A	1	304	0.00	170.38
AKAP1	314.39	171.25	1.84	chr17	17q22	50	1871	100.23	109.06
Hs.101120	12.07	6.57	1.84	chr18	N/A	15	450	189.05	120.10
CCDC88A	66.40	36.18	1.84	chr2	2p16.1	188	2677	684.60	192.92
PLA2G15	78.17	42.60	1.83	chr16	16q22.1	30	566	88.04	67.22
ISCA2	238.09	129.80	1.83	chr14	14q24.3	26	469	85.33	64.62
SLC16A7	119.90	65.37	1.83	chr12	12q13	50	1626	240.83	179.19
Hs.676268	23.03	12.56	1.83	chr3	N/A	1	304	0.00	55.63
GPX6	33.43	18.24	1.83	chr6	6p22.1	16	38	148.05	114.48
Hs.733882	327.48	178.68	1.83	chr6	N/A	1	304	0.00	102.45
NRP1	70.69	38.58	1.83	chr10	10p12	88	1941	113.57	152.74
KCNK1	98.87	53.97	1.83	chr1	1q42-q43	48	1619	72.49	136.11
LOC728145	10.93	5.96	1.83	chr5	5q35.1	3	1	86.22	0.00
Hs.159437	91.71	50.07	1.83	chr1	N/A	22	523	99.41	155.26
Hs.607775	77.39	42.25	1.83	chr2	N/A	1	304	0.00	69.10
PTGES2	128.24	70.04	1.83	chr9	9q34.11	31	531	162.21	77.43
NOL6	82.23	44.91	1.83	chr9	9p13.3	44	1485	131.03	73.65
Hs.603978	15.81	8.64	1.83	chr5	N/A	3	66	48.65	79.07
Hs.661108	6.62	3.62	1.83	chr12	N/A	17	487	183.13	87.69
FAM216B	255.97	139.98	1.83	chr13	13q14.11	30	530	211.83	293.94
NTN1	55.71	30.49	1.83	chr17	17p13-p12	39	1156	115.22	100.13
TMEM126A	313.21	171.48	1.83	chr11	11q14.1	33	542	105.52	62.62
BNIP2	170.84	93.53	1.83	chr15	15q22.2	33	604	101.05	115.47
GNL2	135.19	74.02	1.83	chr1	1p34.3	30	577	124.95	127.09
PHYH	319.88	175.20	1.83	chr10	10p13	50	723	110.44	156.88
ALDOC	514.99	282.15	1.83	chr17	17cen-q12	35	626	108.13	182.34
NCRNA00185	38.76	21.25	1.82	chrY	Yq11.222	31	476	60.98	100.17
MARCH9	85.83	47.05	1.82	chr12	12q14.1	34	846	134.68	69.33
ATP5L	1,310.47	718.75	1.82	chr11	11q23.3	53	1832	92.36	70.44
FANCB	16.61	9.11	1.82	chrX	Xp22.2	25	1308	66.31	110.01
CA14	78.23	42.91	1.82	chr1	1q21	28	536	63.41	97.64
DLX3	58.15	31.91	1.82	chr17	17q21	30	428	134.61	109.52
Hs.701122	42.41	23.27	1.82	chr11	N/A	11	332	35.91	87.98
AGAP8	87.87	48.22	1.82	chr10	10q11.23	4	32	135.84	43.65
LOC400768	13.92	7.65	1.82	chr1	1p13.3	4	304	55.27	67.79
TTY21B	7.38	4.05	1.82	chrY	Yp11.2	16	28	128.95	105.37
Hs.163813	21.54	11.83	1.82	chr1	N/A	11	377	151.26	202.35
TRUB1	77.41	42.52	1.82	chr10	10q25.3	54	1849	179.57	159.20
YWHAH	301.63	165.73	1.82	chr22	22q12.3	50	1272	146.43	217.67
Hs.635231	33.88	18.62	1.82	chr14	N/A	1	304	0.00	59.67
HIGD2A	462.89	254.40	1.82	chr5	5q35.2	31	943	110.45	101.02
ESAM	192.62	105.87	1.82	chr11	11q24.2	36	495	119.15	148.66
JMJD8	326.39	179.42	1.82	chr16	16p13.3	19	384	167.15	77.58

PSPH	82.71	45.48	1.82	chr7	7p11.2	65	1157	136.15	257.85
TMEM178B	62.85	34.56	1.82	chr7	7q34	27	1086	119.17	86.57
LINC00669	20.05	11.03	1.82	chr18	18q12.2-q12.3	16	420	68.71	125.10
Hs.661187	66.28	36.45	1.82	chr4	N/A	4	304	23.09	56.43
PARP1	366.29	201.52	1.82	chr1	1q41-q42	50	760	78.44	54.76
Hs.729040	9.46	5.20	1.82	chr2	N/A	1	304	0.00	82.92
PPARGC1B	60.53	33.31	1.82	chr5	5q32	39	1328	91.72	91.03
Hs.646051	146.18	80.44	1.82	chr13	N/A	1	304	0.00	79.83
LOC389607	238.80	131.41	1.82	chr8	8p23.3	11	12	64.36	19.49
ZNF850	34.15	18.80	1.82	chr19	19q13.12	21	360	85.83	83.34
LOC100506368	46.32	25.49	1.82	chr11	N/A	4	304	18.45	50.54
PEX7	110.85	61.01	1.82	chr6	6q23.3	35	997	99.25	211.28
PSMB6	637.17	350.76	1.82	chr17	17p13	38	586	76.01	61.79
Hs.385576	7.62	4.19	1.82	chr10	N/A	4	304	56.98	48.50
Hs.713712	329.32	181.37	1.82	chr13	N/A	10	73	82.77	70.97
LARP6	225.23	124.12	1.81	chr15	15q23	32	837	86.67	91.03
CCL1	23.73	13.08	1.81	chr17	17q12	30	565	239.69	95.28
LOC100507388	6.21	3.43	1.81	chr4	N/A	13	28	90.67	70.57
ZNF708	53.41	29.47	1.81	chr19	19p12	50	451	154.23	98.40
Hs.658252	34.06	18.80	1.81	chr12	N/A	1	304	0.00	57.51
VTI1B	262.02	144.70	1.81	chr14	14q24.1	40	1201	79.80	88.23
Hs.670767	51.15	28.25	1.81	chr9	N/A	1	304	0.00	66.90
STX11	31.07	17.16	1.81	chr6	6q24.2	54	1115	245.31	102.29
PPP2R5A	167.14	92.42	1.81	chr1	1q32.2-q32.3	64	1178	150.34	113.67
DDX54	91.62	50.67	1.81	chr12	12q24.13	42	1770	99.80	101.06
Hs.131463	6.12	3.39	1.81	chr6	N/A	3	326	45.88	81.33
Hs.573865	18.50	10.24	1.81	chr10	N/A	6	66	80.87	115.04
Hs.708488	100.80	55.80	1.81	chr14	N/A	1	304	0.00	137.63
SLC35E2	46.72	25.87	1.81	chr1	1p36.33	31	149	68.45	78.14
TBX18	27.28	15.11	1.81	chr6	6q14-q15	27	1348	126.38	131.09
Hs.675349	25.38	14.06	1.81	chr2	N/A	10	28	36.70	57.78
Hs.114914	49.89	27.65	1.80	chr8	N/A	1	304	0.00	55.34
MYL12B	2,125.16	1,177.92	1.80	chr18	18p11.31	40	593	93.37	77.95
LINC00210	17.06	9.46	1.80	chr1	1q41	1	304	0.00	66.52
LIN7A	43.01	23.85	1.80	chr12	12q21	38	950	110.98	259.69
Hs.585281	82.32	45.66	1.80	chr22	N/A	20	101	108.62	146.23
Hs.567754	13.22	7.33	1.80	chr5	N/A	4	370	134.55	88.58
KCNH2	129.16	71.66	1.80	chr7	7q36.1	91	1324	114.29	126.04
AGPAT9	153.80	85.35	1.80	chr4	4q21.23	29	469	70.71	154.63
Hs.652882	8.79	4.88	1.80	chr8	N/A	1	304	0.00	84.73
ORSV1	32.00	17.76	1.80	chr6	6p22.1	24	812	69.10	132.90
MPL	26.11	14.49	1.80	chr1	1p34	48	1423	75.76	140.43
ACOT11	58.96	32.73	1.80	chr1	1p32.3	63	1655	134.84	80.37
PGK1	539.69	299.83	1.80	chrX	Xq13.3	120	2627	139.37	112.66
NREP	250.80	139.34	1.80	chr5	5q22.1	55	1093	307.98	96.56
MMP17	79.62	44.25	1.80	chr12	12q24.3	43	638	123.32	147.01
SLC30A3	118.04	65.60	1.80	chr2	2p23.3	30	567	95.43	135.96
GOPC	121.83	67.71	1.80	chr6	6q21	38	1656	237.90	85.88
HOXD13	20.48	11.38	1.80	chr2	2q31.1	28	924	98.70	113.89
ADCY3	141.02	78.39	1.80	chr2	2p23.3	28	912	123.61	64.96
ZNF430	121.06	67.32	1.80	chr19	19p12	34	792	173.02	85.18
CLYBL	65.27	36.30	1.80	chr13	13q32	37	1032	136.01	95.65
NR2F6	101.14	56.26	1.80	chr19	19p13.1	67	1752	118.54	121.07
SAMD4A	116.72	64.93	1.80	chr14	14q22.2	75	2155	126.17	222.03
WAS	283.76	157.85	1.80	chrX	Xp11.4-p11.21	37	1024	157.70	165.25
FSD1L	38.91	21.64	1.80	chr9	9q31	35	1385	346.80	101.58
DCST2	33.02	18.37	1.80	chr1	1q22	20	344	103.84	79.79
Hs.667320	42.55	23.68	1.80	chr7	N/A	1	304	0.00	57.97
TMEM183B	268.05	149.21	1.80	chr3	3q25.1	5	16	61.05	21.12
GPR133	68.50	38.15	1.80	chr12	12q24.33	29	488	89.49	84.75
Hs.650028	5.91	3.29	1.80	chr5	N/A	3	3	23.54	32.17
Hs.715113	1,164.53	649.15	1.79	chr9	N/A	1	304	0.00	77.39
Hs.731123	1,250.73	697.27	1.79	chr1	N/A	7	73	203.24	110.62
Hs.385813	15.79	8.81	1.79	chr21	N/A	4	304	46.41	79.21
Hs.62772	35.00	19.54	1.79	chr4	N/A	11	377	116.10	162.42
BOLA3	327.73	182.96	1.79	chr2	2p13.1	41	435	95.85	51.87
FOXD3	27.75	15.49	1.79	chr1	1p31.3	30	1140	105.11	158.60
LINC00551	6.87	3.84	1.79	chr13	13q33.3	1	304	0.00	94.40
MYCN	44.75	25.00	1.79	chr2	2p24.3	72	2179	221.42	143.99
Hs.612029	39.74	22.20	1.79	chr11	N/A	5	420	65.42	83.46
PRDM13	15.57	8.70	1.79	chr6	6q16.2	21	464	56.78	66.16
TCEB2	654.33	365.68	1.79	chr16	16p12.3	53	1076	98.19	109.41
FBN2	39.54	22.11	1.79	chr5	5q23-q31	69	1498	166.32	117.99
Hs.695168	26.95	15.08	1.79	chr1	N/A	5	382	96.74	140.86
Hs.654669	13.15	7.36	1.79	chr6	N/A	2	16	72.70	50.42
ZNF283	34.50	19.30	1.79	chr19	19q13.31	51	596	108.57	122.61
C20orf181	78.52	43.95	1.79	chr20	20q13.33	27	717	114.61	101.52
Hs.596724	21.49	12.03	1.79	chr15	N/A	4	370	113.34	161.19
Hs.669819	102.21	57.22	1.79	chr12	N/A	1	304	0.00	38.83
RPL18A	1,696.97	950.23	1.79	chr19	19p13	45	972	121.08	120.36
IDH3B	339.78	190.41	1.78	chr20	20p13	68	1529	123.47	64.89
PPY	40.07	22.46	1.78	chr17	17q21	28	555	104.45	188.97
FOXL1	26.12	14.64	1.78	chr16	16q24	22	752	100.48	98.49
LOC645249	12.10	6.79	1.78	chr7	7q36.3	11	333	164.62	106.91
Hs.663907	42.87	24.07	1.78	chr7	N/A	21	219	317.12	84.78
LOC100131180	28.57	16.04	1.78	chr9	9p21.1	1	304	0.00	59.40
ELOVL2	52.77	29.63	1.78	chr6	6p24.2	30	962	430.48	117.38
DLAT	101.68	57.10	1.78	chr11	11q23.1	55	1044	87.09	104.87
PSMB4	617.06	346.52	1.78	chr1	1q21	36	1318	51.67	73.28
Hs.733409	40.27	22.63	1.78	chr6	N/A	1	304	0.00	65.59
Hs.734286	38.28	21.51	1.78	chr4	N/A	1	304	0.00	52.55
Hs.734318	58.65	32.96	1.78	chr12	N/A	3	66	15.79	65.02
Hs.149679	24.81	13.94	1.78	chr1	N/A	6	66	92.01	122.68

LOC100287290	57.14	32.12	1.78	chr3	3q25.32	10	399	98.41	160.26
Hs.103142	51.59	29.01	1.78	chr5	N/A	8	377	190.43	152.29
FAM127A	772.46	434.32	1.78	chrX	Xq26	49	669	87.86	69.84
CCDC61	41.32	23.23	1.78	chr19	19q13.32	15	1001	70.17	105.94
NEGR1-IT1	28.96	16.29	1.78	chr1	1p31.1	1	304	0.00	51.16
Hs.699375	27.73	15.60	1.78	chr3	N/A	8	377	59.83	93.23
Hs.667795	19.95	11.23	1.78	chr7	N/A	16	754	132.71	86.48
MYH8	29.02	16.34	1.78	chr17	17p13.1	42	1063	258.72	132.26
GRID1-AS1	16.36	9.22	1.78	chr10	N/A	4	308	67.55	75.55
SIX5	64.37	36.25	1.78	chr19	19q13.32	26	1134	119.70	99.38
Hs.547735	11.06	6.23	1.78	chr6	N/A	11	377	74.19	107.74
NDUFS4	334.38	188.35	1.78	chr5	5q11.1	41	909	103.45	103.45
Hs.677245	23.99	13.52	1.77	chr15	N/A	11	332	47.96	47.94
Hs.600066	105.94	59.72	1.77	chr18	N/A	22	664	74.25	88.09
MRPL46	213.95	120.64	1.77	chr15	15q25.3	51	606	76.02	68.54
SLC27A1	186.02	104.93	1.77	chr19	19p13.11	38	537	79.57	83.94
C21orf88	38.68	21.82	1.77	chr21	21q22.2	28	675	104.85	205.85
BAD	104.85	59.14	1.77	chr11	11q13.1	44	1353	83.15	68.03
Hs.660777	735.14	414.72	1.77	chr2	N/A	14	146	46.70	85.18
LOC401134	11.14	6.28	1.77	chr4	4q13.1	5	674	115.21	92.11
Hs.730743	35.76	20.18	1.77	chr11	N/A	2	16	110.00	23.23
Hs.657955	46.68	26.35	1.77	chr4	N/A	8	377	78.45	139.08
FLJ37644	38.00	21.45	1.77	chr17	17q24.3	22	721	69.73	123.28
Hs.688020	27.26	15.39	1.77	chr3	N/A	2	608	61.57	93.10
MRPL52	173.85	98.18	1.77	chr14	14q11.2	39	896	226.22	170.26
Hs.16360	47.25	26.69	1.77	chrX	N/A	10	73	194.12	75.06
PPFIBP1	119.43	67.54	1.77	chr12	12p12.1	99	2361	111.95	112.07
Hs.290805	8.14	4.61	1.77	chr21	N/A	4	304	31.28	84.62
ZNF492	35.58	20.13	1.77	chr19	19p12	43	520	107.73	131.58
Hs.127857	15.89	8.99	1.77	chr1	N/A	5	22	103.62	76.23
ABR	193.96	109.77	1.77	chr17	17p13.3	55	1143	122.67	123.11
KLHL23	53.06	30.04	1.77	chr2	2q31.1	60	1478	329.37	147.59
Hs.673146	257.32	145.77	1.77	chr8	N/A	7	73	112.54	87.72
Hs.666569	52.98	30.02	1.76	chr9	N/A	7	95	74.72	124.70
SEMA3E	21.38	12.12	1.76	chr7	7q21.11	36	528	248.73	154.85
Hs.570828	26.95	15.27	1.76	chr4	N/A	11	377	94.30	72.21
P4HA1	186.14	105.50	1.76	chr10	10q21.3-q23.1	43	972	188.25	126.59
IF16	338.58	191.92	1.76	chr1	1p35	52	717	192.57	151.95
CTLA4	40.93	23.20	1.76	chr2	2q33	45	1817	377.25	106.53
Hs.596981	90.73	51.45	1.76	chr1	N/A	7	73	112.75	72.92
Hs.127934	16.97	9.63	1.76	chr3	N/A	5	22	100.86	115.59
Hs.126895	29.03	16.47	1.76	chr11	N/A	1	304	0.00	64.52
NOS3	49.15	27.91	1.76	chr7	7q36	57	826	104.12	119.64
CAMTA1	257.78	146.36	1.76	chr1	1p36.31-p36.2	96	2304	231.84	131.47
Hs.566023	12.29	6.98	1.76	chr4	N/A	5	608	82.74	70.93
HELLS	46.34	26.32	1.76	chr10	10q24.2	47	1275	212.84	164.52
ITGB1	374.62	212.83	1.76	chr10	10p11.2	140	3580	156.87	200.57
TMEM120A	218.10	123.98	1.76	chr7	7q11.23	33	542	189.92	112.55
NUDT14	61.90	35.20	1.76	chr14	14q32.33	44	873	104.14	108.67
Hs.523316	77.95	44.33	1.76	chr10	N/A	7	73	180.07	165.96
Hs.551137	44.87	25.53	1.76	chr9	N/A	10	73	126.43	52.33
MRPL55	118.51	67.44	1.76	chr1	1q42.13	59	966	96.18	96.42
PSMA3	283.42	161.32	1.76	chr14	14q23	47	1309	111.06	138.53
Hs.657925	48.99	27.89	1.76	chr2	N/A	7	73	103.52	74.69
Hs.326718	13.61	7.75	1.76	chr13	N/A	4	304	56.44	83.43
COX7A2	1,573.84	896.54	1.76	chr6	6q12	37	650	59.39	90.10
ANOS	90.82	51.74	1.76	chr11	11p14.3	38	648	123.15	155.77
RUNX1T1	88.31	50.31	1.76	chr8	8q22	120	3366	265.24	163.92
Hs.663640	70.29	40.05	1.76	chr5	N/A	16	168	139.80	201.29
Hs.59774	31.79	18.12	1.75	chr10	N/A	3	66	52.53	112.49
KCNT2	234.94	133.93	1.75	chr1	1q31.3	45	702	239.79	321.92
NDUFA10	192.53	109.78	1.75	chr2	2q37.3	87	1849	154.98	139.43
PPP2R2D	68.46	39.04	1.75	chr10	10q26.3	35	837	101.80	68.63
Hs.667028	24.95	14.23	1.75	chr12	N/A	2	608	72.22	68.55
Hs.614849	8.36	4.77	1.75	chr8	N/A	1	304	0.00	80.55
PFKFB2	76.12	43.46	1.75	chr1	1q31	69	1813	82.64	104.49
REPIN1	176.92	101.01	1.75	chr7	7q36.1	46	1175	112.34	126.06
Hs.287720	17.37	9.92	1.75	chr2	N/A	4	304	82.58	45.79
Hs.598387	200.80	114.69	1.75	chr8	N/A	7	73	168.88	78.01
DAZAP2	574.02	327.87	1.75	chr12	12q12	42	2025	113.92	104.13
Hs.544498	38.48	21.99	1.75	chr6	N/A	7	73	183.54	75.16
Hs.667217	12.51	7.15	1.75	chr16	N/A	1	304	0.00	68.26
TBX4	22.64	12.94	1.75	chr17	17q21-q22	28	533	240.31	72.58
LOC100127983	89.57	51.20	1.75	chr8	8q21.3	15	729	82.02	143.56
SIK1	225.84	129.13	1.75	chr21	21q22.3	46	540	105.70	161.49
RPL26L1	354.29	202.78	1.75	chr5	5q35.1	54	606	109.66	188.39
ITPRIP	242.04	138.58	1.75	chr10	10q25.1	27	772	93.98	281.95
RFPL1	11.09	6.35	1.75	chr22	22q12.2	20	499	164.01	128.18
CECR5	244.84	140.18	1.75	chr22	N/A	31	533	87.19	49.89
Hs.639354	15.26	8.74	1.75	chr18	N/A	1	305	0.00	65.24
GDPGP1	21.94	12.57	1.75	chr15	15q26.1	5	52	69.10	44.54
GUCD1	278.83	159.79	1.74	chr22	22q11.2	48	577	129.92	97.31
PIGY	238.34	136.66	1.74	chr4	4q22.1	18	404	94.16	130.18
ATP6V1D	261.85	150.17	1.74	chr14	14q23-q24.2	34	1660	119.26	100.17
SFXN4	101.24	58.09	1.74	chr10	10q26.11	60	1458	119.05	77.00
SOD2	340.33	195.32	1.74	chr6	6q25.3	89	2298	425.08	292.03
Hs.375809	15.22	8.74	1.74	chr14	N/A	11	332	50.93	69.54
Hs.732811	80.21	46.05	1.74	chr10	N/A	7	73	71.62	94.71
RARS	202.66	116.36	1.74	chr5	5q35.1	44	723	105.85	90.60
Hs.190092	39.38	22.61	1.74	chr1	N/A	6	66	47.66	117.88
RNF5	174.90	100.45	1.74	chr6	6p21.3	65	1098	66.62	115.87
PAGR1	151.36	86.93	1.74	chr16	16p11.2	34	792	136.25	134.86
KCNJ2-AS1	25.98	14.93	1.74	chr17	17q24.3	21	405	52.54	143.93

NPPC	17.02	9.79	1.74	chr2	2q24-qter	23	477	101.43	80.34
TBX5-AS1	22.89	13.17	1.74	chr12	12q24.21	31	1345	81.19	101.41
MYRF1	17.83	10.26	1.74	chr12	12q15	17	333	71.83	92.46
VDAC3	616.62	354.65	1.74	chr8	8p11.2	53	1445	117.07	116.84
OR4D2	55.05	31.68	1.74	chr17	17q22	22	384	93.70	94.31
HIST1H2AG	27.89	16.05	1.74	chr6	6p22.1	40	598	149.47	459.97
TMEM91	80.43	46.28	1.74	chr19	19q13.2	4	316	55.30	65.12
PLEKHO1	168.15	96.91	1.74	chr1	1q21.2	28	532	124.95	111.13
LOC100996310	11.67	6.72	1.74	chr3	N/A	11	332	152.86	102.41
Hs.569397	24.88	14.35	1.73	chr14	N/A	1	304	0.00	46.40
CORO6	160.49	92.58	1.73	chr17	17q11.2	28	519	106.68	172.27
EBP	163.73	94.47	1.73	chrX	Xp11.23-p11.2	41	1733	83.16	132.35
RINL	24.98	14.42	1.73	chr19	19q13.2	8	52	104.33	70.11
SRR	76.34	44.08	1.73	chr17	17p13	41	1639	143.42	89.82
Hs.595504	46.76	27.01	1.73	chr2	N/A	8	377	118.40	126.66
Hs.714498	112.83	65.17	1.73	chr2	N/A	7	73	90.25	106.30
NLRX1	141.50	81.75	1.73	chr11	11q23.3	25	764	54.18	75.53
LOC100506498	11.48	6.63	1.73	chr14	N/A	1	304	0.00	67.22
Hs.154614	8.69	5.02	1.73	chr9	N/A	2	22	29.63	98.81
HBB	3,272.88	1,891.74	1.73	chr11	11p15.5	71	1971	110.41	128.73
Hs.707232	8.02	4.64	1.73	chr12	N/A	1	304	0.00	78.47
JAZF1-AS1	10.20	5.89	1.73	chr7	7p15.1	4	304	70.78	85.56
Hs.606496	34.05	19.69	1.73	chr1	N/A	1	304	0.00	101.57
ORAI1	640.54	370.51	1.73	chr12	12q24.31	45	585	184.58	259.42
CCDC177	58.79	34.01	1.73	chr14	14q24.1	31	485	99.96	83.57
Hs.545333	10.78	6.24	1.73	chr8	N/A	6	66	65.95	56.12
LOC338817	35.47	20.53	1.73	chr12	12p13.2	4	304	68.45	39.51
LCTL	16.14	9.34	1.73	chr15	15q22.31	9	356	55.84	118.26
DRAP1	284.96	164.94	1.73	chr11	11q13.3	47	678	96.04	67.87
Hs.553018	18.45	10.68	1.73	chr2	N/A	4	304	62.73	173.54
FGD6	47.96	27.77	1.73	chr12	12q22	53	1551	189.58	214.35
DEFB114	8.12	4.70	1.73	chr6	6p12.3	17	332	168.86	104.57
AP1S2	200.29	116.01	1.73	chrX	Xp22.2	82	1992	133.41	121.41
MCAT	144.30	83.60	1.73	chr22	22q13.31	50	685	164.05	238.64
MTX2	205.47	119.08	1.73	chr2	2q31.1	41	628	90.56	71.63
Hs.664741	20.64	11.96	1.72	chr7	N/A	3	66	39.52	61.38
C7orf55	223.18	129.41	1.72	chr7	7q34	30	770	116.62	86.86
DMRTC2	50.96	29.55	1.72	chr19	19q13.2	26	469	202.10	220.53
C18orf42	15.06	8.73	1.72	chr18	18p11.31	4	304	94.08	75.25
SPRY2	212.79	123.43	1.72	chr13	13q31.1	30	577	96.53	88.87
UBE3C	75.13	43.61	1.72	chr7	7q36.3	60	1910	152.90	122.35
TWF2	143.48	83.30	1.72	chr3	3p21.1	30	565	105.30	83.06
Hs.121410	11.09	6.44	1.72	chr3	N/A	4	304	60.48	178.58
ST3GAL6	66.00	38.32	1.72	chr3	3q12.1	158	1852	75.21	153.03
FFAR1	25.49	14.80	1.72	chr19	19q13.1	18	642	85.66	145.05
SEPT4	108.00	62.73	1.72	chr17	17q22	58	1143	187.74	303.13
MEF2A	70.91	41.20	1.72	chr15	15q26	67	1548	140.75	74.96
CKB	620.07	360.31	1.72	chr14	14q32	45	673	54.95	146.26
ZC3H3	60.33	35.06	1.72	chr8	8q24.3	24	791	148.40	92.70
CSNK1E	175.43	101.98	1.72	chr22	22q13.1	83	2162	140.00	144.26
CKAP5	209.48	121.78	1.72	chr11	11p11.2	44	904	351.74	71.53
FLJ22184	153.57	89.30	1.72	chr19	19p13.2	20	448	134.01	310.02
Hs.176083	14.92	8.68	1.72	chr4	N/A	18	405	57.24	220.06
NUDT16	84.49	49.14	1.72	chr3	3q22.1	46	1482	60.99	73.41
Hs.258941	48.50	28.21	1.72	chr2	N/A	1	304	0.00	41.68
KLF9	181.69	105.71	1.72	chr9	9q13	48	1794	124.32	141.12
COL4A6	75.34	43.84	1.72	chrX	Xq22	63	1680	196.93	249.76
LOC100132167	128.81	74.96	1.72	chr9	9p12	31	400	75.62	85.05
OTX2	45.03	26.20	1.72	chr14	14q22.3	32	761	307.18	286.66
Hs.592759	61.28	35.68	1.72	chr5	N/A	11	377	53.08	88.16
ZNF165	124.45	72.47	1.72	chr6	6p21.3	30	565	211.31	268.75
EFNB1	87.69	51.08	1.72	chrX	Xq12	39	694	111.43	142.11
A3GALT2	7.78	4.53	1.72	chr1	1p35.1	8	16	52.98	43.97
Hs.650822	14.58	8.50	1.72	chr18	N/A	8	377	100.27	109.08
C11orf57	85.73	49.97	1.72	chr11	11q23.1	61	2288	162.38	92.74
RTCA	89.52	52.21	1.71	chr1	1p21.2	49	1329	79.60	105.00
LINC00337	15.13	8.82	1.71	chr1	1p36.31	17	340	244.82	72.45
ADAM23	73.88	43.10	1.71	chr2	2q33	31	874	78.84	92.58
ZNF653	51.42	30.01	1.71	chr19	19p13.2	27	761	246.44	126.25
ATAD3C	65.75	38.37	1.71	chr1	1p36.33	17	340	60.04	132.55
Hs.669903	14.97	8.74	1.71	chr18	N/A	1	304	0.00	56.11
Hs.407279	14.49	8.46	1.71	chr14	N/A	18	405	85.73	116.33
Hs.435132	56.23	32.83	1.71	chr4	N/A	1	304	0.00	61.10
Hs.719922	92.16	53.81	1.71	chr5	N/A	8	377	71.68	139.00
Hs.732602	24.35	14.22	1.71	chr13	N/A	8	377	70.23	113.36
Hs.663341	21.72	12.69	1.71	chr4	N/A	7	73	180.49	77.38
Hs.735929	57.53	33.61	1.71	chr7	N/A	1	304	0.00	48.37
Hs.584756	45.00	26.29	1.71	chr1	N/A	10	371	193.56	66.59
Hs.575887	17.93	10.47	1.71	chr1	N/A	10	73	149.29	85.71
EID1	535.06	312.68	1.71	chr15	15q21.1	42	1037	68.42	76.17
Hs.599655	25.11	14.68	1.71	chr2	N/A	11	332	160.04	98.75
DNABJ9	243.08	142.08	1.71	chr7	14q24.2-q24.3	26	1228	88.80	109.50
TULP4	186.15	108.81	1.71	chr6	6q25-q26	63	1134	274.39	375.44
LOC284889	204.15	119.33	1.71	chr22	22q11.23	13	371	178.52	272.68
Hs.385720	28.51	16.67	1.71	chr1	N/A	4	304	30.38	51.69
CARD9	51.91	30.35	1.71	chr9	9q34.3	39	537	108.64	104.11
PTPN20B	25.76	15.06	1.71	chr10	10q11.22	32	495	139.04	92.05
MRPS26	183.97	107.66	1.71	chr20	20p13	35	785	80.19	111.07
GOLGA8I	56.24	32.92	1.71	chr15	15q11.2	11	332	50.66	86.50
Hs.713163	102.17	59.80	1.71	chr2	N/A	1	304	0.00	71.01
TMEM205	496.29	290.53	1.71	chr19	19p13.2	23	469	79.76	90.27
Hs.630744	7.75	4.54	1.71	chr3	N/A	10	28	21.46	63.74
Hs.607327	11.49	6.73	1.71	chr9	N/A	10	28	182.13	99.46

PRR16	31.23	18.29	1.71	chr5	5q23.1	39	873	95.78	92.78
Hs.734567	5.68	3.33	1.71	chr12	N/A	1	304	0.00	88.78
Hs.661835	53.77	31.51	1.71	chr9	N/A	4	304	58.17	48.02
MPV17L2	100.77	59.07	1.71	chr19	19p13.11	19	395	63.95	56.77
C19orf52	83.93	49.21	1.71	chr19	19p13.2	19	395	70.67	103.52
Hs.571223	23.62	13.85	1.71	chr7	N/A	7	370	66.04	58.01
HSF2	81.29	47.66	1.71	chr6	6q22.31	61	1210	92.88	118.40
MED20	79.09	46.38	1.71	chr6	6p21.1	35	999	147.25	65.23
GJA4	92.93	54.51	1.70	chr1	1p35.1	35	991	67.14	84.22
RNF219-AS1	5.93	3.48	1.70	chr13	N/A	3	2	19.08	27.80
LOC100129858	26.60	15.61	1.70	chr4	4q31.1	29	738	156.61	113.28
TMEM88	78.62	46.14	1.70	chr17	17p13.1	24	417	90.76	68.98
SCYL1	133.43	78.31	1.70	chr11	11q13	52	935	139.81	137.00
Hs.417262	27.05	15.88	1.70	chr8	N/A	6	326	73.59	50.98
LOC440905	39.55	23.23	1.70	chr2	2q21.1	34	340	133.60	185.76
Hs.125959	15.17	8.91	1.70	chr10	N/A	5	22	80.71	56.08
RAB2A	339.45	199.40	1.70	chr8	8q12.1	115	3137	164.79	155.59
Hs.744397	91.94	54.02	1.70	chr12	N/A	1	304	0.00	38.10
Hs.598790	35.16	20.66	1.70	chr10	N/A	1	304	0.00	56.27
ALX1	28.78	16.91	1.70	chr12	12q21.31	30	573	218.96	71.08
OSTM1-AS1	48.40	28.44	1.70	chr6	6q21	8	378	70.29	185.38
FLOT2	213.47	125.50	1.70	chr17	17q11-q12	52	1101	172.32	108.52
TCEB3	210.26	123.64	1.70	chr1	1p36.1	53	2170	296.17	287.27
Hs.127911	18.69	10.99	1.70	chr1	N/A	5	22	55.84	78.52
MRPS18B	273.40	160.80	1.70	chr6	6p21.3	45	1065	71.23	65.33
PCGF5	125.86	74.02	1.70	chr10	10q23.32	80	2040	266.08	118.33
C1orf148	59.89	35.23	1.70	chr1	1q42.13	8	377	142.03	166.35
C3orf35	23.33	13.72	1.70	chr3	3p22.2	43	433	130.42	180.90
PODXL	241.17	141.88	1.70	chr7	7q32-q33	29	504	74.82	88.08
CYB5B	117.74	69.27	1.70	chr16	16q22.1	53	1790	223.13	235.74
Hs.627759	33.61	19.78	1.70	chr19	N/A	1	304	0.00	50.34
LOC643401	6.64	3.91	1.70	chr5	5p14.1	20	332	62.95	83.74
Hs.561791	9.72	5.72	1.70	chr8	N/A	10	73	78.06	83.46
Hs.656868	88.93	52.37	1.70	chr19	N/A	8	377	133.64	62.88
Hs.672971	29.21	17.20	1.70	chr10	N/A	1	304	0.00	63.95
Hs.595701	50.53	29.76	1.70	chr7	N/A	7	73	230.84	64.53
Hs.668251	9.24	5.44	1.70	chr2	N/A	9	681	120.57	87.53
DHRX	134.80	79.42	1.70	chrX	Xp22.33; Yp11	70	1703	123.95	84.40
LRF8	76.26	44.94	1.70	chr1	1p34	71	1474	528.15	152.29
Hs.472056	267.78	157.79	1.70	chr6	N/A	10	73	74.17	84.54
GALR3	132.09	77.84	1.70	chr22	22q13.1	28	538	121.25	170.75
Hs.545887	23.62	13.92	1.70	chr9	N/A	10	73	79.60	79.07
CREBZF	81.73	48.17	1.70	chr11	11q14	71	3431	188.75	134.64
FAM58A	169.06	99.67	1.70	chrX	Xq28	41	549	45.14	51.80
Hs.124515	15.64	9.22	1.70	chr6	N/A	1	304	0.00	71.96
MAOB	263.14	155.18	1.70	chrX	Xp11.23	42	1213	71.90	175.23
GAL3ST3	42.99	25.36	1.70	chr11	11q13.1	30	773	132.91	223.61
HIST1H2BM	30.24	17.84	1.70	chr6	6p22.1	23	503	54.80	131.86
DPF3	55.90	32.98	1.69	chr14	14q24.2	70	1741	94.48	101.21
Hs.132261	22.63	13.35	1.69	chr9	N/A	5	22	73.13	69.82
MSX1	99.45	58.69	1.69	chr4	4p16.2	53	1000	131.66	135.66
Hs.554452	6.04	3.56	1.69	chr4	N/A	13	28	89.16	91.49
PRDM8	24.78	14.63	1.69	chr4	4q21	26	862	98.82	118.37
POLDIP2	295.39	174.52	1.69	chr17	17q11.2	32	849	54.21	63.75
Hs.741940	11.47	6.78	1.69	chr14	N/A	1	304	0.00	69.53
Hs.655554	15.87	9.38	1.69	chr16	N/A	7	73	44.12	53.52
OR2B11	16.07	9.50	1.69	chr1	1q44	8	52	58.78	64.08
TMEM71	74.42	44.02	1.69	chr8	8q24.22	26	461	144.57	223.50
CDK2AP2	208.68	123.45	1.69	chr11	11q13	30	577	132.51	116.17
Hs.732614	253.37	149.91	1.69	chr12	N/A	3	326	140.41	538.52
HIST1H2AE	44.24	26.17	1.69	chr6	6p22.1	30	575	92.10	103.73
ZNF438	124.20	73.50	1.69	chr10	10p11.23	27	761	152.91	139.37
RNF14	128.88	76.27	1.69	chr5	5q23.3-q31.1	86	1531	132.82	104.01
NUDT6	54.29	32.13	1.69	chr4	4q26	38	830	70.73	72.85
ST8SIA5	26.75	15.84	1.69	chr18	18q21.1	40	598	110.26	98.59
LAMTOR5	574.93	340.60	1.69	chr1	1p13.3	40	1049	86.54	54.41
Hs.540351	18.77	11.12	1.69	chr15	N/A	10	73	182.34	79.30
LOC100506091	21.83	12.94	1.69	chr6	N/A	10	73	94.09	72.97
Hs.633537	49.36	29.28	1.69	chr3	N/A	8	377	145.74	67.23
OXA1L	566.30	335.89	1.69	chr14	14q11.2	37	650	102.83	100.02
C20orf141	81.85	48.55	1.69	chr20	20p13	29	424	113.39	131.07
TUBB6	426.64	253.07	1.69	chr18	18p11.21	53	685	111.55	103.12
RNF41	67.84	40.25	1.69	chr12	12q13.13	46	1324	94.07	72.77
HIST1H2BJ	18.45	10.95	1.69	chr6	6p22.1	30	544	74.40	116.82
Hs.662601	7.33	4.35	1.69	chr4	N/A	1	304	0.00	56.49
Hs.723551	10.14	6.02	1.68	chr21	N/A	1	304	0.00	73.77
ZNF100	42.50	25.24	1.68	chr19	19p12	36	441	111.88	124.81
Hs.678286	8.03	4.77	1.68	chr1	N/A	2	16	61.49	62.54
Hs.434752	9.06	5.38	1.68	chr15	N/A	1	304	0.00	86.26
Hs.191814	26.04	15.48	1.68	chr3	N/A	1	304	0.00	52.39
Hs.732028	187.53	111.45	1.68	chr7	N/A	14	146	120.31	72.16
SIL1	135.11	80.33	1.68	chr5	5q31	34	537	103.91	93.46
LINC00334	32.33	19.22	1.68	chr21	21q22.3	20	1014	102.94	92.30
UQCRI0	785.36	467.12	1.68	chr22	22q12.2	52	943	118.65	103.87
EPAS1	495.43	294.68	1.68	chr2	2p21-p16	78	1682	179.59	213.44
FYCO1	213.12	126.78	1.68	chr3	3p21.31	36	915	88.06	120.12
HSPA12B	73.37	43.65	1.68	chr20	20p13	25	709	76.17	92.26
EMC3	244.79	145.67	1.68	chr3	3p25.3	40	986	97.91	148.13
Hs.343482	14.64	8.71	1.68	chr10	N/A	13	28	220.19	106.94
KRTAP10-12	18.45	10.98	1.68	chr21	21q22.3	7	304	92.87	71.38
MAOA	335.04	199.51	1.68	chrX	Xp11.3	47	1490	134.93	171.14
Hs.658981	103.06	61.38	1.68	chr19	N/A	1	304	0.00	34.45
Hs.444745	44.87	26.73	1.68	chr18	N/A	8	377	100.22	104.80

CYB5R3	1,126.43	671.09	1.68	chr22	22q13.2	65	943	125.57	92.43
MAPKAPK2	105.80	63.03	1.68	chr1	1q32	64	1161	98.86	106.01
ALPL	60.15	35.84	1.68	chr1	1p36.12	39	887	156.60	123.15
ALPPL2	72.44	43.16	1.68	chr2	2q37	38	936	139.86	98.59
FAM20C	80.60	48.03	1.68	chr7	7p22.3	32	1056	91.68	117.29
VWA2	246.85	147.20	1.68	chr10	10q25.3	11	52	148.81	47.51
GAD1	38.57	23.00	1.68	chr2	2q31	69	1465	537.77	270.35
FIBCD1	37.07	22.11	1.68	chr9	9q34.12	22	752	104.02	117.41
Hs.435979	53.84	32.13	1.68	chr18	N/A	1	304	0.00	43.03
COPS3	260.29	155.33	1.68	chr17	17p11.2	30	577	72.05	65.96
Hs.170719	12.79	7.64	1.67	chr9	N/A	4	304	75.65	78.67
LINC00558	8.04	4.80	1.67	chr13	13q14.3	1	304	0.00	82.86
SAP30	68.57	40.96	1.67	chr4	4q34.1	56	1988	96.30	106.27
NDUFAF4	114.13	68.19	1.67	chr6	6q16.1	39	910	82.54	57.98
UROD	239.73	143.25	1.67	chr1	1p34	40	1417	83.62	112.58
ENG	146.16	87.37	1.67	chr9	9q34.11	36	1299	130.45	147.86
RGS12	62.08	37.12	1.67	chr4	4p16.3	120	4157	334.01	121.71
PATE1	23.01	13.76	1.67	chr11	11q24.2	25	722	120.76	143.61
Hs.672032	19.02	11.38	1.67	chrX	N/A	1	304	0.00	61.33
VCPPI1	42.19	25.23	1.67	chr8	8q13	29	826	132.46	139.05
Hs.561654	47.40	28.35	1.67	chr7	N/A	11	377	65.25	143.01
C6	166.88	99.81	1.67	chr5	5p13	30	573	59.33	240.26
Hs.602232	18.31	10.95	1.67	chr16	N/A	17	101	131.31	69.70
Hs.595081	27.71	16.58	1.67	chr5	N/A	10	28	50.40	96.70
CDRT7	12.30	7.36	1.67	chr17	17p12	3	66	92.29	86.54
HSD17B4	344.34	206.07	1.67	chr5	5q21	31	893	91.05	125.96
TMEM151A	51.75	30.98	1.67	chr11	11q13.2	35	466	170.36	125.97
Hs.309753	470.13	281.43	1.67	chr7	N/A	7	73	101.94	129.58
C10orf55	13.03	7.80	1.67	chr10	10q22.2	11	378	45.53	121.74
LOC92249	72.67	43.53	1.67	chrX	Xq11.1	24	974	88.89	123.09
DYNC1I2	303.87	182.02	1.67	chr2	2q31.1	70	1500	331.90	135.60
RARS2	85.34	51.13	1.67	chr6	6q16.1	29	1789	77.46	128.66
BAG2	80.82	48.44	1.67	chr6	6p12.1-p11.2	21	807	58.05	98.08
CAV3	90.64	54.33	1.67	chr3	3p25	43	595	72.03	132.32
ZDHHC4	104.23	62.48	1.67	chr7	7p22.1	29	837	87.86	85.05
Hs.656402	47.55	28.50	1.67	chr10	N/A	8	377	191.90	62.77
EPN2-AS1	19.82	11.88	1.67	chr17	N/A	1	304	0.00	66.33
FOXS1	55.21	33.11	1.67	chr20	20q11.21	19	395	60.02	76.39
ZNF256	45.65	27.38	1.67	chr19	19q13.43	19	396	63.73	51.78
CLEC3B	559.11	335.29	1.67	chr3	3p22-p21.3	30	577	85.50	136.93
ACOT1	290.09	174.00	1.67	chr14	14q24.3	18	89	81.85	90.05
DAP3	266.38	159.91	1.67	chr1	1q22	27	565	86.40	69.14
SGTA	147.49	88.54	1.67	chr19	19p13	38	575	121.87	88.74
PNPLA4	82.88	49.76	1.67	chrX	Xp22.3	45	1020	84.05	86.53
PRDX2	431.63	259.24	1.66	chr19	19p13.2	76	1944	112.52	124.77
DCAF13	82.09	49.32	1.66	chr8	8q22.3	41	1476	147.61	134.28
COX6C	1,929.75	1,159.47	1.66	chr8	8q22.2	37	650	73.42	62.58
Hs.406952	18.91	11.37	1.66	chr2	N/A	1	304	0.00	58.74
KISS1R	46.24	27.79	1.66	chr19	19p13.3	17	332	78.76	110.00
Hs.143995	137.72	82.76	1.66	chr4	N/A	1	304	0.00	33.33
ZNF730	60.54	36.39	1.66	chr19	19p12	25	113	61.17	77.68
NIPSNAP3B	51.56	31.00	1.66	chr9	9q31.1	39	850	82.62	114.96
HBQ1	31.74	19.09	1.66	chr16	16p13.3	21	457	98.68	167.56
RBM12B-AS1	10.19	6.13	1.66	chr8	8q22.1	15	449	69.24	96.84
ZDHHC11	134.81	81.10	1.66	chr5	5p15.33	45	1103	108.79	99.75
Hs.147846	17.55	10.56	1.66	chr3	N/A	5	22	63.67	64.96
Hs.596385	410.32	246.88	1.66	chr2	N/A	8	377	210.25	174.97
SLC38A1	198.32	119.34	1.66	chr12	12q13.11	64	1758	129.21	131.54
Hs.603455	66.24	39.86	1.66	chr9	N/A	3	66	161.69	72.71
EFTUD2	183.61	110.50	1.66	chr17	17q21.31	32	824	75.28	92.96
Hs.508287	10.97	6.60	1.66	chr5	N/A	13	28	154.55	84.83
ADAM21	42.12	25.37	1.66	chr14	14q24.1	24	805	77.34	97.77
Hs.658355	66.55	40.08	1.66	chr2	N/A	17	466	170.47	190.97
Hs.664492	16.44	9.91	1.66	chr5	N/A	4	370	56.45	78.59
PHRF1	99.82	60.17	1.66	chr11	11p15.5	35	749	110.51	144.57
OGDH	417.28	251.54	1.66	chr7	7p14-p13	58	1241	186.92	301.88
TTYT4C	6.17	3.72	1.66	chrY	Yq11.223	13	28	42.20	42.28
Hs.478064	15.08	9.09	1.66	chr3	N/A	20	1013	84.26	131.08
Hs.587424	28.75	17.34	1.66	chr7	N/A	1	304	0.00	75.24
Hs.665919	107.30	64.75	1.66	chr5	N/A	1	304	0.00	79.14
TCERG1	163.59	98.75	1.66	chr5	5q31	45	1258	219.04	137.16
WARS	319.00	192.59	1.66	chr14	14q32.31	38	997	140.14	149.38
LOC100507054	21.48	12.97	1.66	chr4	N/A	4	304	36.70	84.59
LARP7	152.98	92.36	1.66	chr4	4q25	51	1032	128.19	108.28
NFU1	221.67	133.86	1.66	chr2	2p15-p13	28	533	61.88	59.02
Hs.713347	355.27	214.57	1.66	chr17	N/A	8	377	101.93	70.75
TIMP4	111.49	67.35	1.66	chr3	3p25	37	650	136.42	277.60
TIMM17A	139.09	84.03	1.66	chr1	1q32.1	49	1915	118.16	114.18
AGER	95.19	57.52	1.66	chr6	6p21.3	43	1073	244.00	329.62
LINC00705	76.08	45.97	1.66	chr10	10p15.1	1	304	0.00	50.56
Hs.662845	59.87	36.18	1.65	chr4	N/A	1	304	0.00	41.71
Hs.547620	318.17	192.53	1.65	chr3	N/A	25	478	198.38	268.04
CLDN4	233.78	141.51	1.65	chr7	7q11.23	56	1190	575.06	320.81
Hs.665664	60.37	36.54	1.65	chr8	N/A	1	304	0.00	96.25
CSNK1A1L	88.47	53.56	1.65	chr13	13q13.3	19	40	69.02	45.85
TRIM10	50.28	30.44	1.65	chr6	6p21.3	98	2103	234.63	186.03
GP5	19.03	11.52	1.65	chr3	3q29	38	975	72.73	124.12
PTRF	479.40	290.33	1.65	chr17	17q21.2	57	1489	137.94	138.95
Hs.736254	10.12	6.13	1.65	chr20	N/A	1	304	0.00	56.01
Hs.215801	14.75	8.94	1.65	chr12	N/A	8	377	97.18	84.34
Hs.113912	247.42	149.98	1.65	chr4	N/A	7	73	62.94	67.55
MYO1C	462.20	280.22	1.65	chr17	17p13.3	58	1381	174.79	73.89
SMG7-AS1	20.77	12.60	1.65	chr1	1q25.3	56	1154	148.93	124.56

DEFB108B	11.88	7.21	1.65	chr11	11q13.4	14	377	81.80	63.17
Hs.700728	42.56	25.83	1.65	chr2	N/A	10	73	216.91	60.61
LINC00630	12.01	7.29	1.65	chrX	Xq22.1	2	608	0.59	74.94
PPP2R3A	116.64	70.83	1.65	chr3	3q22.1	90	1717	125.08	128.09
PAX4	40.71	24.72	1.65	chr7	7q32	40	991	84.58	200.08
Hs.638929	33.06	20.09	1.65	chr1	N/A	1	304	0.00	42.50
FHIT	190.45	115.71	1.65	chr3	3p14.2	73	921	223.94	405.12
DOK4	81.43	49.48	1.65	chr16	16q21	58	1452	179.19	173.51
COQ2	71.29	43.31	1.65	chr4	4q21.23	43	926	158.16	89.25
LOC100507217	174.43	106.01	1.65	chr15	N/A	29	737	159.99	304.03
Hs.600138	268.59	163.26	1.65	chr1	N/A	7	73	81.18	66.46
OR5L2	43.95	26.72	1.64	chr11	11q11	23	691	106.57	52.25
Hs.705996	1,497.78	910.56	1.64	chr20	N/A	10	73	54.06	126.34
NAALADL2-AS3	9.12	5.55	1.64	chr3	3q26.3	6	326	69.83	118.80
CDC42EP5	418.91	254.80	1.64	chr19	19q13.42	17	344	125.81	229.58
ABHD16B	18.30	11.13	1.64	chr20	20q13.33	19	384	71.32	92.37
WBP2	391.42	238.23	1.64	chr17	17q25	40	600	222.66	210.87
Hs.574781	26.65	16.22	1.64	chr2	N/A	18	405	214.44	157.50
PET100	425.52	259.02	1.64	chr19	19p13.2	8	377	50.88	48.64
NHLH2	56.36	34.31	1.64	chr1	1p12-p11	40	1034	228.70	429.47
ERVV-1	22.11	13.46	1.64	chr19	19q13.41	30	430	98.38	74.19
COPS6	309.66	188.55	1.64	chr7	7q22.1	35	997	59.37	50.46
Hs.633708	71.23	43.37	1.64	chr19	N/A	1	304	0.00	38.61
Hs.662351	55.05	33.53	1.64	chr7	N/A	8	377	73.05	80.00
Hs.514368	558.76	340.54	1.64	chr17	N/A	8	377	109.04	55.61
LINC00493	570.49	347.74	1.64	chr20	20p11.23	6	367	56.26	82.05
ZNF234	32.01	19.52	1.64	chr19	19q13.31	25	764	68.11	94.40
NCOR2	141.15	86.10	1.64	chr12	12q24	87	2527	151.21	164.32
PRNP	846.42	516.40	1.64	chr20	20p13	66	1108	168.84	194.90
Hs.540405	27.35	16.69	1.64	chr15	N/A	8	51	88.12	80.12
LOC100133106	5.39	3.29	1.64	chr5	5q35.1	10	28	139.19	78.87
FXN	60.38	36.85	1.64	chr9	9q21.11	36	918	92.91	84.23
ACN9	69.80	42.60	1.64	chr7	7q21.3	31	533	82.64	108.53
DCBLD2	77.04	47.03	1.64	chr3	3	96	2323	129.63	106.12
VRK2	205.57	125.53	1.64	chr2	2p16.1	30	589	222.00	130.27
MARCH3	58.54	35.75	1.64	chr5	5q23.2	89	1349	176.43	100.51
LOC100507498	11.43	6.98	1.64	chr12	N/A	11	377	106.09	137.42
Hs.656193	27.27	16.65	1.64	chr16	N/A	4	304	47.97	74.10
CNNM4	87.67	53.56	1.64	chr2	2q11	35	601	77.16	71.47
PPP2R4	245.92	150.27	1.64	chr9	9q34	51	1456	113.42	133.83
Hs.515976	13.06	7.98	1.64	chr2	N/A	5	608	96.44	69.22
C17orf77	11.05	6.75	1.64	chr17	17q25.1	17	332	58.39	91.86
Hs.40024	15.36	9.39	1.64	chr17	N/A	10	73	91.25	72.16
KGFLP2	69.00	42.18	1.64	chr9	9p12	21	405	76.26	97.46
Hs.554330	11.29	6.90	1.64	chr8	N/A	10	28	47.27	74.27
Hs.668357	349.07	213.54	1.63	chr12	N/A	7	73	38.70	59.23
MRPL28	163.06	99.76	1.63	chr16	16p13.3	32	616	56.15	51.65
TOMM40L	98.25	60.11	1.63	chr1	1q23.3	26	469	63.16	94.48
SP100	111.42	68.18	1.63	chr2	2q37.1	107	2523	166.39	170.44
LHFPL5	17.52	10.72	1.63	chr6	6p21.31	19	395	46.77	67.41
Hs.531728	15.75	9.64	1.63	chr18	N/A	4	304	107.68	50.00
ANKHD1-EIF4EI	116.43	71.28	1.63	chr5	5q31.3	2	39	8.31	52.52
EEF1D	896.43	548.96	1.63	chr8	8q24.3	128	2104	98.00	118.54
RNASEH2C	195.33	119.64	1.63	chr11	11q13.1	37	789	74.87	73.90
ANKLE1	26.74	16.38	1.63	chr19	19p13.11	24	437	162.07	148.12
LOC150568	24.52	15.02	1.63	chr2	2q12.1	10	397	126.75	139.34
MMGT1	229.23	140.43	1.63	chrX	Xq26.3	29	458	128.96	54.65
LSM10	211.29	129.49	1.63	chr1	1p34.3	26	469	148.93	66.84
PRKD1	63.59	38.98	1.63	chr14	14q11	42	1070	396.70	149.21
Hs.733947	19.32	11.84	1.63	chr22	N/A	8	383	193.68	71.97
TUSC3	111.91	68.61	1.63	chr8	8p22	80	2350	134.66	174.68
Hs.557234	21.40	13.12	1.63	chr14	N/A	5	22	87.38	87.86
Hs.561600	15.91	9.76	1.63	chr6	N/A	1	304	0.00	58.21
CD34	190.88	117.07	1.63	chr1	1q32	61	716	152.59	74.52
HNRNPUL2	99.79	61.21	1.63	chr11	11q12.3	63	1298	122.43	102.52
GJD4	23.42	14.37	1.63	chr10	10p11.21	29	424	190.00	79.23
Hs.599720	20.28	12.44	1.63	chr21	N/A	8	377	153.89	133.71
Hs.594846	104.34	64.04	1.63	chr4	N/A	19	754	77.54	99.19
FXVD1	371.82	228.22	1.63	chr19	19q13.1	44	604	122.00	112.89
Hs.574152	20.97	12.87	1.63	chr14	N/A	7	73	108.72	116.37
EFNB3	74.82	45.96	1.63	chr17	17p13.1	45	1025	126.85	77.04
NUBP1	134.23	82.47	1.63	chr16	16p13.13	30	576	68.20	60.96
LOC100506016	8.61	5.29	1.63	chr13	N/A	4	304	14.15	62.50
Hs.712768	2,331.33	1,432.66	1.63	chr15	N/A	8	51	56.78	83.85
CDR2L	100.13	61.54	1.63	chr17	17q25.1	25	538	123.84	93.45
FBXO18	173.27	106.53	1.63	chr10	10p15.1	30	773	157.17	119.11
Hs.677124	47.26	29.06	1.63	chr20	N/A	1	304	0.00	47.38
Hs.28723	8.52	5.24	1.63	chr11	N/A	8	377	100.20	133.52
TIMMDC1	614.04	377.77	1.63	chr3	3q13.33	26	469	57.35	64.03
LTA	30.06	18.51	1.62	chr6	6p21.3	34	656	174.10	103.24
LOC100996551	54.01	33.28	1.62	chr2	N/A	1	304	0.00	39.06
Hs.567355	71.02	43.75	1.62	chr22	N/A	1	304	0.00	47.63
Hs.633182	29.93	18.44	1.62	chr19	N/A	9	681	68.46	95.02
IMPG2	18.32	11.29	1.62	chr3	3q12.2-q12.3	30	809	75.30	92.46
Hs.594872	25.18	15.52	1.62	chr3	N/A	5	420	66.18	53.45
Hs.665246	45.74	28.20	1.62	chr8	N/A	14	146	79.51	83.50
Hs.731440	139.59	86.07	1.62	chr5	N/A	31	633	221.25	107.86
MVP	222.44	137.17	1.62	chr16	16p11.2	33	577	86.53	81.90
NTN4	210.55	129.86	1.62	chr12	12q22	29	465	108.65	169.14
Hs.570820	17.21	10.61	1.62	chr4	N/A	1	307	0.00	115.91
Hs.549841	19.79	12.21	1.62	chr11	N/A	1	304	0.00	59.52
Hs.112611	21.73	13.40	1.62	chr12	N/A	10	73	113.07	87.90
GSPT2	131.51	81.14	1.62	chrX	Xp11.22	35	606	120.58	91.82

DCUN1D5	115.74	71.41	1.62	chr11	11q22.3	51	1223	124.62	86.00
SDSL	52.81	32.59	1.62	chr12	12q24.13	28	521	101.74	216.83
ZNF208	18.26	11.27	1.62	chr19	19p12	40	1174	104.34	161.34
APOLD1	214.72	132.53	1.62	chr12	12p13.1	27	532	96.56	148.56
FAM74A3	25.45	15.71	1.62	chr9	9p13.1	4	32	157.00	87.59
Hs.735239	8.63	5.33	1.62	chr14	N/A	10	28	28.39	82.04
SCARF1	69.96	43.20	1.62	chr17	17p13.3	32	839	245.93	86.48
Hs.436357	7.23	4.46	1.62	chr3	N/A	1	304	0.00	81.83
Hs.659366	12.04	7.44	1.62	chr1	N/A	3	66	50.90	102.08
FAM47C	31.96	19.75	1.62	chrX	Xp21.1	17	332	57.22	134.53
Hs.637022	15.94	9.85	1.62	chr5	N/A	1	304	0.00	63.83
RHOQ	259.16	160.20	1.62	chr2	2p21	83	1893	209.44	143.02
Hs.666740	8.27	5.11	1.62	chr20	N/A	3	326	72.30	66.66
SPECC1	53.17	32.89	1.62	chr17	17p11.2	81	1127	586.28	327.01
Hs.732808	21.28	13.17	1.62	chr10	N/A	3	66	79.20	72.29
LOC101059937	16.48	10.20	1.62	chr3	N/A	2	22	110.17	98.44
PSMD6	253.53	156.91	1.62	chr3	3p14.1	35	1180	78.36	136.14
SLC39A14	203.52	125.96	1.62	chr8	8p21.3	55	1224	114.55	215.68
CNTD1	108.65	67.25	1.62	chr17	17q21.31	28	480	180.31	167.56
SLC12A7	253.51	156.94	1.62	chr5	5p15	62	740	145.75	95.36
KLHL21	155.21	96.11	1.61	chr1	1p36.31	47	673	86.08	97.60
Hs.733847	31.33	19.40	1.61	chr3	N/A	7	73	158.49	85.70
SCO1	95.29	59.01	1.61	chr17	17p13.1	36	497	135.93	48.06
KCNG2	13.87	8.59	1.61	chr18	18q23	24	465	103.30	88.94
Hs.660103	31.29	19.38	1.61	chr5	N/A	15	559	116.29	103.99
LOC90246	29.98	18.57	1.61	chr3	3q21.3	19	713	88.96	72.44
CCMZL	132.42	82.05	1.61	chr20	20q11.2	26	468	229.94	214.64
LOC100507377	13.53	8.39	1.61	chr12	N/A	10	28	228.97	90.46
Hs.587290	36.30	22.50	1.61	chr5	N/A	25	478	106.22	101.79
PTCD1	73.07	45.30	1.61	chr7	7q22.1	27	1172	92.15	86.91
GUK1	295.76	183.39	1.61	chr1	1q32-q41	39	1057	80.75	104.81
DPF2	187.91	116.53	1.61	chr11	11q13	23	504	67.32	58.57
HMOX2	167.70	104.02	1.61	chr16	16p13.3	51	1098	102.61	81.20
Hs.692635	6.19	3.84	1.61	chr1	N/A	2	16	46.90	60.91
NCEH1	112.83	70.00	1.61	chr3	3q26.31	43	615	79.37	142.10
Hs.594530	38.44	23.85	1.61	chr5	N/A	4	304	29.54	111.31
C11orf74	119.66	74.28	1.61	chr11	11p12	14	344	30.90	79.72
MUC3A	81.60	50.67	1.61	chr7	7q22	77	2599	139.26	109.33
ST3GAL1	137.20	85.19	1.61	chr8	8q24.22	67	1370	83.02	108.31
AURKB	59.60	37.01	1.61	chr17	17p13.1	41	1010	163.01	109.88
HIST2H4A	23.31	14.48	1.61	chr1	1q21.2	16	440	38.67	88.81
Hs.457403	44.94	27.92	1.61	chr5	N/A	8	377	136.86	71.31
Hs.714388	536.29	333.16	1.61	chr11	N/A	1	304	0.00	73.04
TTC4	79.50	49.39	1.61	chr1	1p32.3	18	460	173.58	51.70
Hs.729536	114.78	71.31	1.61	chr3	N/A	15	450	64.63	187.52
GSTT1	118.76	73.79	1.61	chr22	22q11.23	57	1094	116.50	124.93
APC	63.54	39.49	1.61	chr5	5q21-q22	103	2714	366.63	114.13
RGCC	295.05	183.37	1.61	chr13	13q14.11	52	1293	139.44	226.11
Hs.660100	42.83	26.62	1.61	chr8	N/A	1	304	0.00	49.51
ARPC1A	336.22	209.01	1.61	chr7	7q22.1	37	650	111.76	75.04
Hs.608830	621.73	386.54	1.61	chr8	N/A	7	73	75.04	71.03
PIGT	343.12	213.36	1.61	chr20	20q12-q13.12	49	898	87.00	78.43
UBE2I	156.21	97.18	1.61	chr16	16p13.3	70	2551	129.94	135.08
SIRT4	28.64	17.82	1.61	chr12	12q	33	958	70.23	82.30
Hs.708341	243.31	151.39	1.61	chr6	N/A	7	73	148.80	96.75
IAPP	22.38	13.92	1.61	chr12	12p12.1	23	492	86.01	298.01
LOC100507630	17.70	11.01	1.61	chr2	N/A	15	448	230.89	69.46
Hs.734070	29.38	18.29	1.61	chr18	N/A	2	608	46.48	61.09
HGC6.3	33.80	21.04	1.61	chr6	6q27	20	487	62.10	84.14
ZNF428	88.98	55.39	1.61	chr19	19q13.31	32	599	213.84	96.31
ZNF223	42.77	26.62	1.61	chr19	19q13.2	30	489	72.94	81.64
PRKAR1A	800.49	498.45	1.61	chr17	17q23-q24	94	1725	162.88	118.09
COMMD2	90.83	56.59	1.61	chr3	3q25.1	27	773	288.16	86.35
Hs.731903	55.65	34.67	1.61	chr1	N/A	1	305	0.00	54.21
PTDSS1	399.99	249.23	1.60	chr8	8q22	55	691	94.74	52.58
Hs.604292	988.55	615.97	1.60	chr13	N/A	7	73	39.01	76.03
Hs.382856	8.66	5.39	1.60	chr1	N/A	1	304	0.00	78.78
LOC100130100	47.62	29.68	1.60	chr2	2q13	2	39	8.69	62.83
LOC100506999	11.35	7.08	1.60	chr14	N/A	8	377	150.11	134.70
N6AMT1	35.13	21.90	1.60	chr21	21q21.3	26	1072	71.54	84.49
Hs.605642	6.68	4.16	1.60	chr18	N/A	1	304	0.00	86.56
USP49	20.78	12.96	1.60	chr6	6p21	31	1389	232.71	91.71
NPEPL1	100.41	62.63	1.60	chr20	20q13.32	49	1694	79.97	88.17
LOC100130815	12.83	8.00	1.60	chr14	14q32.2	14	332	60.65	56.81
Hs.385789	18.59	11.60	1.60	chr5	N/A	4	304	50.94	63.10
LOC100130938	45.59	28.45	1.60	chr18	18q21.33	10	393	67.31	48.30
CDK18	87.50	54.61	1.60	chr1	1q31-q32	43	649	111.45	173.27
SSTR5	31.04	19.37	1.60	chr16	16p13.3	23	504	167.08	174.76
GPRIN3	14.40	8.99	1.60	chr4	4q22.1	15	636	65.51	93.45
Hs.436493	27.60	17.23	1.60	chr3	N/A	11	332	48.83	96.72
CCDC69	139.30	86.99	1.60	chr5	5q33.1	58	1376	153.33	140.53
PARP3	69.51	43.41	1.60	chr3	3p21.31-p21.1	39	527	163.29	49.73
PLAC4	39.22	24.49	1.60	chr21	21q22.2	52	1282	172.92	116.86
HCFC1R1	178.37	111.41	1.60	chr16	16p13.3	36	953	101.55	92.66
Hs.16426	149.09	93.13	1.60	chr7	N/A	5	51	111.82	340.94
DPH1	166.00	103.77	1.60	chr17	17p13.3	53	1089	166.49	139.13
CBLN2	135.22	84.53	1.60	chr18	18q22.3	26	461	266.88	140.67
IGFL3	16.05	10.04	1.60	chr19	19q13.32	9	66	57.24	96.56
FASTK	208.42	130.31	1.60	chr7	7q35	57	1432	98.16	82.72
EBNA1BP2	154.62	96.69	1.60	chr1	1p35-p33	30	577	122.99	106.35
TADA1	45.80	28.65	1.60	chr1	1q24.1	29	469	68.71	127.42
LOC392288	24.94	15.61	1.60	chr9	9p22.1	4	68	130.92	125.00
TNRC6B	146.65	91.78	1.60	chr22	22q13.1	139	2836	664.05	122.85

DCAF4L2	18.25	11.42	1.60	chr8	8q21.3	20	693	144.50	185.06
LRPPRC	215.92	135.14	1.60	chr2	2p21	55	1784	164.12	96.46
Hs.585586	24.86	15.56	1.60	chr12	N/A	10	28	15.77	67.35
MRPS36	236.13	147.81	1.60	chr5	5q13.2	51	761	119.40	91.28
TST	316.57	198.22	1.60	chr22	22q13.1	40	605	119.22	157.23
ST7-AS2	13.63	8.54	1.60	chr7	7q31.2	15	681	180.51	91.37
CYB5R1	307.14	192.44	1.60	chr1	1q32.1	41	909	102.59	134.20
TMEM203	256.92	160.98	1.60	chr9	9q34.3	29	469	90.07	72.85
DOHH	73.24	45.90	1.60	chr19	19p13.3	42	1454	167.14	128.69
Hs.596334	30.46	19.10	1.60	chr7	N/A	8	377	95.25	108.09
OMP	12.28	7.70	1.59	chr11	11q13.5	21	453	76.42	72.96
Hs.661868	12.26	7.69	1.59	chr6	N/A	7	73	129.33	64.62
Hs.592572	80.06	50.23	1.59	chr3	N/A	23	1013	135.31	99.56
HIST1H3D	40.51	25.42	1.59	chr6	6p22.1	40	605	117.76	116.76
APEH	130.80	82.08	1.59	chr3	3p21.31	57	924	91.84	95.80
CTSL1	533.38	334.82	1.59	chr9	9q21.33	36	577	93.48	93.67
SPATA31E1	19.61	12.31	1.59	chr9	9q22.1	28	675	78.47	115.01
FASTKD5	126.96	79.73	1.59	chr20	20p13	26	516	54.25	48.31
TIMM22	118.80	74.61	1.59	chr17	17p13	22	769	95.22	49.32
PSMB7	356.90	224.14	1.59	chr9	9q34.11-q34.1	53	1094	128.91	97.47
STRBP	94.53	59.37	1.59	chr9	9q33.3	48	1689	233.18	141.60
Hs.132645	45.98	28.89	1.59	chr14	N/A	12	50	67.86	80.98
CDX2	43.35	27.23	1.59	chr13	13q12.3	46	750	222.85	137.22
DYRK1B	50.53	31.75	1.59	chr19	19q13.2	38	997	121.40	104.61
UNG	159.84	100.46	1.59	chr12	12q23-q24.1	51	664	190.03	75.36
Hs.653479	278.60	175.11	1.59	chr6	N/A	7	73	226.03	105.15
ABCF2	101.84	64.01	1.59	chr7	7q36	69	1928	182.59	146.73
PF4V1	12.04	7.57	1.59	chr4	4q12-q21	23	502	90.02	122.54
HTR3E	37.50	23.58	1.59	chr3	3q27.1	13	28	66.01	87.20
KXD1	126.16	79.35	1.59	chr19	19p13.11	51	1380	116.71	108.27
DCAKD	52.04	32.73	1.59	chr17	17q21.31	56	1357	217.83	101.13
HNRNPM	222.91	140.24	1.59	chr19	19p13.3-p13.2	57	2619	138.18	114.00
DMAP1	63.33	39.85	1.59	chr1	1p34	37	462	98.98	106.69
LTBR	123.16	77.50	1.59	chr12	12p13	50	1280	297.13	170.57
MAEA	336.09	211.53	1.59	chr4	4p16.3	60	706	155.27	83.27
IL26	8.12	5.11	1.59	chr12	12q15	21	453	76.34	112.26
SV2B	77.75	48.94	1.59	chr15	15q26.1	53	1416	256.69	213.53
MAP4K2	41.88	26.36	1.59	chr11	11q13	47	685	131.59	128.12
Hs.21572	83.73	52.71	1.59	chr7	N/A	7	73	80.29	139.29
Hs.561040	14.82	9.33	1.59	chr21	N/A	3	66	33.20	92.47
MCRS1	130.51	82.20	1.59	chr12	12q13.12	42	713	147.38	193.16
TMEM165	191.73	120.77	1.59	chr4	4q12	59	1994	260.43	141.47
COMMD3	264.15	166.44	1.59	chr10	10p12.2	35	630	97.57	57.80
Hs.666191	17.27	10.88	1.59	chr6	N/A	1	304	0.00	67.25
Hs.724181	142.00	89.48	1.59	chr4	N/A	1	304	0.00	44.24
ARAF	156.75	98.79	1.59	chrX	Xp11.4-p11.2	47	1054	118.62	94.60
FAM177A1	266.15	167.79	1.59	chr14	14q13.2	71	680	166.65	130.21
DCTN4	194.90	122.89	1.59	chr5	5q31-q32	30	1146	131.64	132.33
SLC26A9	91.80	57.89	1.59	chr1	1q32.1	27	441	174.54	225.32
Hs.732913	18.01	11.36	1.59	chr16	N/A	2	39	16.74	93.29
Hs.600851	23.17	14.61	1.59	chr11	N/A	14	146	216.07	92.21
MINOS1	504.91	318.54	1.59	chr1	1p36.13	39	855	118.15	101.14
Hs.710732	44.87	28.31	1.58	chr19	N/A	5	420	49.85	65.04
OR6N1	42.97	27.13	1.58	chr1	1q23.1	16	28	64.32	100.68
ZNF117	62.45	39.44	1.58	chr7	7q11.21	64	1841	149.24	103.54
PNPT1	138.07	87.19	1.58	chr2	2p15	47	705	233.48	75.94
CARS2	91.47	57.79	1.58	chr13	13q34	41	1777	153.23	137.72
ASB16-AS1	54.91	34.69	1.58	chr17	17q21.31	17	341	69.79	61.92
LRRC3	18.39	11.62	1.58	chr21	21q22.3	21	461	94.36	66.88
C20orf203	406.61	257.00	1.58	chr20	20q11.21	25	709	183.30	299.10
CITED4	125.56	79.36	1.58	chr1	1p35-p34	45	614	124.90	130.54
GRIA2	57.44	36.31	1.58	chr4	4q32.1	74	1568	623.39	310.09
Hs.608001	72.27	45.70	1.58	chr7	N/A	1	304	0.00	139.82
NUDC	231.12	146.16	1.58	chr1	1p35-p34	38	1395	139.46	78.03
ST6GALNAC5	41.64	26.34	1.58	chr1	1p31.1	30	1142	319.23	71.15
ZNF709	42.25	26.73	1.58	chr19	19p13.2	39	1785	109.16	83.22
Hs.665951	15.07	9.53	1.58	chr7	N/A	1	304	0.00	75.49
XRCC4	29.14	18.45	1.58	chr5	5q14.2	53	1899	122.27	255.92
Hs.644972	268.52	170.04	1.58	chr5	N/A	11	377	134.21	55.38
Hs.657431	19.00	12.03	1.58	chr5	N/A	8	377	176.28	135.14
Hs.719197	35.63	22.57	1.58	chr2	N/A	7	73	207.21	65.89
GCSAML-AS1	20.57	13.03	1.58	chr1	1q44	8	377	122.36	113.04
Hs.536920	8.35	5.29	1.58	chr5	N/A	1	304	0.00	84.11
KIAA0408	18.19	11.52	1.58	chr6	6q22.33	5	39	54.08	36.49
IL4	13.09	8.29	1.58	chr5	5q31.1	56	1144	125.29	94.91
KIF22	75.28	47.71	1.58	chr16	16p11.2	32	985	126.39	76.10
PRDM9	11.15	7.07	1.58	chr5	5p14	44	510	174.33	62.47
Hs.373571	15.80	10.02	1.58	chr19	N/A	21	405	37.00	76.72
CCL2	727.27	461.41	1.58	chr17	17q11.2-q12	67	886	337.30	291.25
ATN1	191.05	121.23	1.58	chr12	12p13.31	66	1861	190.71	325.66
KREMEN1	57.60	36.57	1.58	chr22	22q12.1	51	1725	105.88	93.86
SGIP1	41.28	26.21	1.58	chr1	1p31.3	55	723	221.69	101.07
Hs.673610	15.06	9.56	1.58	chr3	N/A	11	333	175.89	60.76
LOC401463	11.54	7.33	1.57	chr8	8q12.3	4	304	34.88	75.44
LINC00051	10.41	6.61	1.57	chr8	8q24.3	4	313	35.13	53.88
EMC8	111.79	71.00	1.57	chr16	16q24	31	1450	55.43	83.59
STS	90.69	57.61	1.57	chrX	Xp22.32	60	1924	213.96	274.59
EIF1	2,093.60	1,330.01	1.57	chr17	17q21.2	71	3060	75.27	105.47
OR10A2	31.06	19.73	1.57	chr11	11p15.4	16	28	111.04	119.26
Hs.501423	34.95	22.21	1.57	chr19	N/A	7	73	158.78	119.30
Hs.680150	6.78	4.31	1.57	chr11	N/A	2	608	56.37	81.11
Hs.434316	20.31	12.91	1.57	chr5	N/A	4	304	37.16	88.41
Hs.24990	81.89	52.05	1.57	chr3	N/A	5	51	70.77	53.42

ZNF155	17.36	11.04	1.57	chr19	19q13.2-q13.3	27	465	53.35	88.73
CCNI	1,211.76	770.88	1.57	chr4	4q21.1	24	803	99.99	90.72
TMEM74B	74.12	47.16	1.57	chr20	20p13	21	460	60.45	69.10
COA1	77.11	49.08	1.57	chr7	7p13	61	2179	153.09	103.90
Hs.705584	516.97	329.11	1.57	chr11	N/A	7	73	78.80	109.94
ABCB7	118.21	75.26	1.57	chrX	Xq13.3	42	701	117.69	115.85
Hs.571520	82.32	52.42	1.57	chr8	N/A	7	73	52.00	65.56
PTRH1	61.10	38.91	1.57	chr9	9q34.11	24	773	56.57	83.75
GNG7	86.94	55.37	1.57	chr19	19p13.3	61	1764	95.39	142.32
PCDP1	83.62	53.29	1.57	chr2	2q14.2	33	1439	226.28	214.34
Hs.98037	9.28	5.92	1.57	chr12	N/A	1	304	0.00	76.99
RILP	194.37	123.92	1.57	chr17	17p13.3	36	497	93.64	78.39
LOC100507250	21.04	13.41	1.57	chr12	N/A	3	326	80.53	108.72
Hs.148448	15.74	10.04	1.57	chr4	N/A	4	304	41.13	50.32
STARD7	562.87	359.02	1.57	chr2	2q11.2	43	680	106.73	54.51
CCDC85B	76.64	48.88	1.57	chr11	11q12.1	42	1456	95.27	110.44
Hs.542758	12.90	8.23	1.57	chr22	N/A	10	73	50.18	74.57
LINC00161	11.58	7.39	1.57	chr21	21q21.3	10	625	172.05	71.86
TIMM23	197.47	125.98	1.57	chr10	10q11.23	80	2006	128.53	100.47
Hs.571263	13.44	8.57	1.57	chr7	N/A	10	28	32.86	63.65
EXTL3	84.59	53.97	1.57	chr8	8p21	43	1003	85.26	73.76
ANKRD20A1	18.66	11.91	1.57	chr9	9q13	22	430	127.62	203.10
Hs.662641	13.55	8.65	1.57	chr3	N/A	3	66	58.49	155.20
HIGD1A	581.17	370.95	1.57	chr3	3p22.1	40	792	86.57	110.16
Hs.121415	14.80	9.45	1.57	chr8	N/A	5	22	44.12	47.67
Hs.555172	15.46	9.87	1.57	chr19	N/A	10	73	78.96	89.26
HIST1H2BB	17.61	11.25	1.57	chr6	6p21.3	21	463	79.84	122.08
KIAA0319	29.93	19.12	1.57	chr6	6p22.3-p22.2	49	704	299.28	128.62
PNPLA7	35.01	22.36	1.57	chr9	9q34.3	34	794	132.46	88.63
GPS1	136.61	87.28	1.57	chr17	17q25.3	34	538	148.71	55.83
Hs.608501	19.50	12.46	1.57	chr18	N/A	2	608	104.69	87.78
Hs.663529	25.74	16.45	1.57	chr5	N/A	1	304	0.00	89.10
DRD3	14.47	9.25	1.56	chr3	3q13.3	39	952	118.80	128.85
ZC3HC1	141.26	90.28	1.56	chr7	7q32.2	19	396	131.61	50.63
Hs.602431	185.28	118.42	1.56	chr12	N/A	7	73	88.02	89.70
Hs.705969	78.26	50.03	1.56	chr3	N/A	1	304	0.00	96.18
RNF6	118.66	75.85	1.56	chr13	13q12.2	73	1554	201.49	366.10
CSF2RA	27.04	17.29	1.56	chrX	Xp22.32 and Y	69	1915	199.91	85.40
Hs.436205	9.64	6.16	1.56	chr3	N/A	4	304	58.98	74.33
Hs.596114	17.20	11.00	1.56	chr7	N/A	3	66	70.15	53.17
Hs.555184	23.75	15.19	1.56	chr16	N/A	5	22	78.59	71.92
PALM	207.50	132.72	1.56	chr19	19p13.3	36	577	91.13	94.80
Hs.663724	20.80	13.30	1.56	chr7	N/A	2	608	100.17	73.30
Hs.586159	7.14	4.57	1.56	chr4	N/A	1	315	0.00	90.57
OR2J2	13.67	8.74	1.56	chr6	6p22.2-p21.31	31	916	74.31	74.53
NR2E1	15.97	10.22	1.56	chr6	6q21	26	496	138.72	102.37
TSSC4	74.27	47.53	1.56	chr11	11p15.5	28	538	108.54	98.72
NDUFA12	763.56	488.77	1.56	chr12	12q22	26	499	64.69	61.01
NEK6	90.66	58.05	1.56	chr9	9q33.3-q34.11	29	1381	244.89	174.91
NOTCH4	78.33	50.18	1.56	chr6	6p21.3	48	970	144.18	89.52
LRRC20	112.55	72.11	1.56	chr10	10q22.1	37	488	97.14	131.23
Hs.658692	10.49	6.72	1.56	chr13	N/A	1	304	0.00	70.04
DHX35	39.09	25.05	1.56	chr20	20q11.22-q12	37	1214	93.49	85.16
Hs.599486	202.86	130.01	1.56	chr3	N/A	7	73	232.76	138.64
ENPP7	133.17	85.39	1.56	chr17	17q25.3	27	417	235.61	185.73
P2RY2	41.85	26.84	1.56	chr11	11q13.5-q14.1	39	572	88.53	121.78
TNFRSF12A	147.49	94.58	1.56	chr16	16p13.3	35	608	86.52	157.24
KCNE1	24.53	15.73	1.56	chr21	21q22.12	41	905	65.74	99.63
GABRR3	12.81	8.22	1.56	chr3	3q11.2	6	320	144.62	73.07
TMEM164	157.55	101.11	1.56	chrX	Xq22.3	35	1175	71.30	69.71
DMC1	32.81	21.06	1.56	chr22	22q13.1	41	940	220.63	107.08
EFNA2	26.15	16.79	1.56	chr19	19p13.3	47	1248	122.97	152.70
Hs.742206	57.98	37.22	1.56	chr3	N/A	8	377	86.99	239.08
CMC1	134.62	86.43	1.56	chr3	3p24.1	33	542	63.31	60.16
Hs.280461	87.04	55.89	1.56	chr4	N/A	17	146	267.89	226.23
FCF1	36.80	23.64	1.56	chr14	14q24.3	36	949	81.00	140.63
IMP3	277.81	178.51	1.56	chr15	15q24	28	533	97.70	50.69
NUDT22	189.59	121.84	1.56	chr11	11q13.1	19	384	80.02	54.63
EMX1	40.00	25.71	1.56	chr2	2p13.2	49	1161	119.81	164.88
LOC645355	18.81	12.09	1.56	chr18	18p11.31	7	371	89.06	63.69
Hs.670871	29.51	18.98	1.55	chr1	N/A	1	304	0.00	37.03
MRPS15	255.04	164.11	1.55	chr1	1p34.3	31	1450	104.90	180.82
TIA1	178.43	114.82	1.55	chr2	2p13	109	3243	280.81	172.03
Hs.250821	11.04	7.10	1.55	chr19	N/A	3	326	74.29	104.55
SLC26A1	22.09	14.22	1.55	chr4	4p16.3	64	855	141.48	183.28
MAGEA11	15.98	10.29	1.55	chrX	Xq28	37	545	110.34	188.61
NCBP1	49.11	31.63	1.55	chr9	9q34.1	48	1148	131.77	114.48
Hs.133031	29.49	18.99	1.55	chr1	N/A	17	146	130.76	154.88
PGAM5	29.72	19.15	1.55	chr12	12q24.33	51	878	140.10	130.53
MAPRE3	62.62	40.35	1.55	chr2	2p23.3-p23.1	62	1933	126.89	132.78
LOC285972	18.76	12.09	1.55	chr7	7q36.1	8	377	158.03	109.14
LOC100131053	15.21	9.80	1.55	chr1	1p36.13	14	332	97.14	116.94
CXCL1	314.36	202.70	1.55	chr4	4q21	37	648	378.35	360.34
Hs.160572	34.52	22.26	1.55	chr10	N/A	4	304	46.74	70.02
SETD6	118.25	76.25	1.55	chr16	16q21	36	919	116.27	133.57
GMPR	177.57	114.53	1.55	chr6	6p23	30	567	118.73	126.32
Hs.684728	15.83	10.21	1.55	chr13	N/A	1	304	0.00	73.89
C1QL1	113.26	73.06	1.55	chr17	17q21	37	1027	257.79	272.47
Hs.180171	90.29	58.25	1.55	chr7	N/A	8	377	96.23	115.57
Hs.87384	15.75	10.16	1.55	chr5	N/A	11	377	120.35	150.01
RWDD1	294.35	189.92	1.55	chr6	6q13-q22.33	32	837	98.43	95.61
Hs.661546	35.43	22.87	1.55	chr1	N/A	8	377	168.09	127.00
Hs.511979	78.32	50.56	1.55	chr7	N/A	18	405	102.08	256.51

MTSS1L	69.67	44.97	1.55	chr16	16q22.1	47	1205	142.15	166.85
CTPS1	144.63	93.39	1.55	chr1	1p34.1	41	723	170.58	160.37
GOLIM4	59.46	38.40	1.55	chr3	3q26.2	43	1043	90.80	116.52
Hs.560731	27.56	17.80	1.55	chr4	N/A	1	304	0.00	54.79
THBS1	134.20	86.73	1.55	chr15	15q15	109	3227	318.57	273.49
CD63	2,238.57	1,446.85	1.55	chr12	12q12-q13	32	532	72.44	50.10
LOC729911	9.80	6.34	1.55	chr15	15q25.1	10	28	201.55	81.48
C5orf24	136.16	88.02	1.55	chr5	5q31.1	57	2214	213.98	140.95
Hs.610427	14.56	9.41	1.55	chr2	N/A	1	304	0.00	66.36
C3orf33	18.17	11.75	1.55	chr3	3q25.31	19	388	62.66	101.71
Hs.46693	9.57	6.19	1.55	chr8	N/A	7	370	76.05	87.12
Hs.733666	134.56	87.06	1.55	chr2	N/A	7	73	94.64	51.99
NUP62	99.23	64.21	1.55	chr19	19q13.33	39	1301	128.17	90.20
ARSB	23.09	14.94	1.55	chr5	5q14.1	52	1566	108.09	84.63
MYH14	115.37	74.65	1.55	chr19	19q13.33	52	2384	165.44	130.11
SNRPC	247.05	159.89	1.55	chr6	6p21.31	46	709	95.19	87.05
MRPL44	65.73	42.55	1.54	chr2	2q36.1	25	764	60.11	54.07
ATPAF2	52.05	33.70	1.54	chr17	17p11.2	45	1090	78.23	55.39
LOC100507506	30.78	19.94	1.54	chr6	N/A	1	304	0.00	45.07
Hs.661309	112.30	72.75	1.54	chr12	N/A	14	146	93.70	84.06
C1QB	273.91	177.45	1.54	chr1	1p36.12	39	605	141.93	144.23
NCAM1	108.41	70.24	1.54	chr11	11q23.1	86	3059	188.95	178.46
NOL7	223.16	144.59	1.54	chr6	6p23	55	1978	121.93	90.37
MAGEB6	9.58	6.21	1.54	chrX	Xp21.3	22	384	93.03	94.91
POMP	515.44	333.99	1.54	chr13	13q12.3	39	910	104.62	105.46
OR6B1	19.56	12.68	1.54	chr7	7q35	4	304	75.23	52.04
Hs.512284	39.74	25.75	1.54	chr15	N/A	1	304	0.00	51.33
LPAR5	46.80	30.33	1.54	chr12	12p13.31	18	648	125.85	82.46
SPATA31C2	9.93	6.43	1.54	chr9	9q22.1	21	471	99.12	131.08
Hs.594912	31.81	20.62	1.54	chr3	N/A	2	16	79.57	35.90
LBX1	187.70	121.68	1.54	chr10	10q24	36	521	216.65	422.25
CRYBB3	29.75	19.30	1.54	chr22	22q11.23	33	532	114.70	128.84
ATP6V1E1	540.77	350.75	1.54	chr22	22q11.1	38	628	116.14	146.86
Hs.601787	97.15	63.02	1.54	chr9	N/A	1	304	0.00	45.63
CACNA1I	81.62	52.96	1.54	chr22	22q13.1	54	1404	213.06	215.15
IFRD2	187.95	121.96	1.54	chr3	3p21.3	30	574	89.43	58.98
ST6GALNAC4	50.41	32.71	1.54	chr9	9q34	41	1562	80.04	75.04
C3orf67	24.31	15.78	1.54	chr3	3p14.2	20	407	172.65	119.65
Hs.658802	38.65	25.09	1.54	chr5	N/A	9	681	147.33	78.56
RAB15	124.00	80.51	1.54	chr14	14q23.3	28	921	107.57	89.02
Hs.663273	165.96	107.77	1.54	chr6	N/A	7	73	141.70	116.60
Hs.731592	70.49	45.78	1.54	chrX	N/A	1	304	0.00	39.38
Hs.287168	52.32	33.98	1.54	chr7	N/A	11	332	198.24	133.20
GMNC	29.83	19.38	1.54	chr3	3q28	4	305	60.44	56.00
GPN2	77.50	50.36	1.54	chr1	1p36.11	31	533	97.39	48.47
FAM66C	20.79	13.51	1.54	chr12	12p13.31	13	1019	165.76	91.67
Hs.577350	9.73	6.32	1.54	chr11	N/A	6	66	54.89	95.08
C6orf136	163.84	106.48	1.54	chr6	6p21.33	27	767	138.52	63.73
Hs.659210	10.96	7.12	1.54	chr11	N/A	8	377	67.36	175.86
THAP11	111.26	72.32	1.54	chr16	16q22.1	31	876	125.46	91.84
Hs.660002	15.81	10.28	1.54	chr18	N/A	8	377	79.23	75.05
RCAN1	154.34	100.34	1.54	chr21	21q22.12	48	1468	142.40	238.34
WDR6	244.84	159.24	1.54	chr3	3p21.31	32	825	75.76	112.06
Hs.595602	105.03	68.31	1.54	chr4	N/A	8	377	174.94	83.51
Hs.131041	28.77	18.71	1.54	chr19	N/A	4	304	56.09	48.83
RPS27L	508.73	330.94	1.54	chr15	15q22.2	33	1146	86.22	136.33
Hs.552357	21.64	14.08	1.54	chr12	N/A	10	73	118.59	93.05
C16orf45	134.37	87.41	1.54	chr16	16p13.11	40	971	74.22	99.87
Hs.722057	70.60	45.97	1.54	chr1	N/A	11	12	134.62	7.64
KCNK18	6.66	4.33	1.54	chr10	10q25.3	16	28	84.09	33.35
Hs.658218	61.70	40.18	1.54	chr2	N/A	8	377	74.31	50.58
TMEM256	274.20	178.60	1.54	chr17	17p13.1	17	332	89.44	35.66
SMAD7	139.73	91.02	1.54	chr18	18q21.1	33	577	146.09	137.12
NRDE2	26.88	17.51	1.53	chr14	14q32.11	47	1242	165.73	78.90
POTEF	740.58	482.55	1.53	chr2	2q21.1	5	16	133.38	83.31
TAS2R8	9.97	6.51	1.53	chr12	12p13	24	453	77.08	91.01
LOC79999	43.32	28.26	1.53	chr17	17p11.2	25	482	118.58	117.87
SYNGR2	496.85	324.10	1.53	chr17	17q25.3	38	583	108.82	77.24
TBCD	65.12	42.48	1.53	chr17	17q25.3	73	2446	124.15	114.62
Hs.666994	15.13	9.87	1.53	chr15	N/A	7	73	154.52	73.18
Hs.732607	17.27	11.26	1.53	chr2	N/A	3	66	78.57	72.72
LRP3	119.04	77.67	1.53	chr19	19q13.11	40	984	129.37	549.32
BAG1	263.32	171.82	1.53	chr9	9p12	38	1323	80.60	80.32
ANKH	128.43	83.81	1.53	chr5	5p15.1	99	2847	158.77	170.20
LINC00616	9.19	6.00	1.53	chr4	4q28.3	3	326	96.11	223.09
FSCN1	109.80	71.66	1.53	chr7	7p22	42	1015	178.78	138.14
ATAD1	260.31	169.97	1.53	chr10	10q23.31	41	549	146.07	92.58
COPS4	183.98	120.18	1.53	chr4	4q21.22	46	943	99.30	98.88
Hs.655814	64.88	42.38	1.53	chr1	N/A	1	304	0.00	45.45
Hs.632854	23.23	15.18	1.53	chr12	N/A	8	377	120.56	93.53
CYGB	133.97	87.54	1.53	chr17	17q25	28	1071	172.63	91.67
NEXN-AS1	10.70	6.99	1.53	chr1	1p31.1	14	332	92.35	99.34
KLHDC8B	257.64	168.48	1.53	chr3	3p21.31	36	497	153.23	131.85
Hs.633186	49.21	32.18	1.53	chr1	N/A	8	377	85.11	90.69
TCTE3	30.27	19.80	1.53	chr6	6q27	46	1456	154.07	196.19
ZNF442	17.41	11.39	1.53	chr19	19p13.2	21	460	78.17	73.90
SEPW1	1,605.71	1,051.10	1.53	chr19	19q13.3	31	881	74.33	90.09
Hs.120893	23.30	15.25	1.53	chr1	N/A	4	304	61.21	53.11
C9orf3	211.62	138.55	1.53	chr9	9q22.32	58	1075	109.19	109.53
Hs.677250	28.81	18.86	1.53	chr2	N/A	2	608	102.98	101.70
LRRC32	126.36	82.75	1.53	chr11	11q13.5-q14	35	628	59.91	99.68
OBSCN	117.34	76.87	1.53	chr1	1q42.13	59	1415	117.84	418.71
SETD9	53.90	35.31	1.53	chr5	5q11.2	29	794	128.72	173.82

Hs.660198	23.13	15.16	1.53	chrX	N/A	1	304	0.00	53.55
AKT2	70.20	46.00	1.53	chr19	19q13.1-q13.2	96	2622	216.24	142.77
ALS2CR11	21.27	13.94	1.53	chr2	2q33.1	30	1973	195.76	264.46
MIDN	96.03	62.95	1.53	chr19	19p13.3	31	1032	186.33	162.55
Hs.677047	62.79	41.16	1.53	chr3	N/A	10	840	142.26	95.95
LOC100131581	107.58	70.53	1.53	chr8	8p23.1	19	344	84.45	124.01
Hs.597193	33.27	21.81	1.53	chr22	N/A	7	73	124.51	137.38
DNAJC8	212.70	139.46	1.53	chr1	1p35.3	65	1524	138.13	248.17
GGN	44.81	29.39	1.52	chr19	19q13.2	29	795	153.25	270.32
Hs.708609	116.39	76.34	1.52	chr1	N/A	2	608	1.06	73.36
HSPE1	390.52	256.15	1.52	chr2	2q33.1	36	577	90.93	93.56
Hs.112910	18.76	12.31	1.52	chr10	N/A	7	73	135.15	135.89
Hs.658786	69.35	45.50	1.52	chr2	N/A	15	450	191.30	104.17
C17orf70	69.60	45.66	1.52	chr17	17q25.3	39	1236	99.20	76.33
HSPA9	295.05	193.63	1.52	chr5	5q31.1	41	1340	95.96	86.53
Hs.673964	34.01	22.32	1.52	chr19	N/A	1	304	0.00	45.24
Hs.603286	120.91	79.37	1.52	chr2	N/A	7	73	55.49	89.43
Hs.145573	9.96	6.54	1.52	chr2	N/A	18	450	92.85	72.44
Hs.201339	29.23	19.19	1.52	chr2	N/A	1	304	0.00	50.38
Hs.714993	177.39	116.47	1.52	chr7	N/A	11	377	44.47	89.18
HFE2	99.60	65.45	1.52	chr1	1q21.1	32	461	80.25	240.21
EFCAB2	44.40	29.18	1.52	chr1	1q44	64	1354	185.30	131.90
Hs.436899	23.87	15.70	1.52	chr19	N/A	11	332	35.20	71.24
Hs.560110	24.65	16.21	1.52	chr12	N/A	10	73	224.27	248.52
NSG1	155.71	102.38	1.52	chr4	4p16.3	43	1433	248.60	160.07
Hs.565075	10.03	6.59	1.52	chr17	N/A	5	16	65.95	51.60
Hs.657846	16.23	10.68	1.52	chr3	N/A	6	355	45.81	77.85
LOC100506377	9.06	5.96	1.52	chr3	N/A	4	304	81.93	81.07
MGP	1,434.51	943.52	1.52	chr12	12p12.3	41	961	138.23	175.30
Hs.128463	26.24	17.26	1.52	chr6	N/A	6	66	65.85	97.88
PARL	191.81	126.19	1.52	chr3	3q27.1	52	938	109.75	81.65
DHRS12	83.30	54.81	1.52	chr13	13q14.3	52	1397	184.83	198.70
ANXA11	392.58	258.34	1.52	chr10	10q23	60	1114	155.18	104.63
AK3	483.21	317.98	1.52	chr9	9p24.1	17	700	129.12	78.42
Hs.732502	23.88	15.71	1.52	chr3	N/A	8	377	93.47	67.28
Hs.732367	18.49	12.17	1.52	chr13	N/A	1	304	0.00	65.07
PTGES3L-AARSI	82.49	54.29	1.52	chr17	17q	46	938	109.84	81.92
Hs.667493	20.72	13.64	1.52	chr12	N/A	1	304	0.00	52.15
VDAC2	696.82	458.74	1.52	chr10	10q22	47	690	61.98	61.54
LOC100130452	13.24	8.72	1.52	chr2	2q33.1	3	326	83.15	74.70
Hs.657126	26.36	17.36	1.52	chr7	N/A	8	377	72.02	137.28
OR1J4	38.79	25.55	1.52	chr9	9q34.11	10	661	105.67	173.81
SRPX	357.90	235.77	1.52	chrX	Xp21.1	30	577	101.36	114.49
LOC285095	28.48	18.77	1.52	chr2	2q37.3	9	355	131.89	189.87
IRGC	26.89	17.72	1.52	chr19	19q13.31	30	572	97.13	174.73
Hs.680516	69.75	45.97	1.52	chr14	N/A	2	16	50.59	14.32
FSHR	14.83	9.77	1.52	chr2	2p21-p16	28	533	66.32	83.07
PIGF	214.64	141.50	1.52	chr2	2p21-p16	58	1487	188.32	75.37
LIPJ	15.05	9.92	1.52	chr10	10q23.31	13	1016	79.92	134.83
EML1	95.34	62.86	1.52	chr14	14q32	40	997	104.58	153.45
Hs.547608	10.22	6.74	1.52	chr3	N/A	4	304	54.57	71.39
NCSTN	224.94	148.33	1.52	chr1	1q22-q23	31	888	88.65	141.82
Hs.705992	87.83	57.92	1.52	chr18	N/A	11	12	112.58	14.18
CTNBP1	129.66	85.50	1.52	chr1	1p36.22	42	689	120.73	86.18
SDF2L1	235.91	155.58	1.52	chr22	22q11.21	28	538	125.14	159.78
ELTD1	124.33	82.01	1.52	chr1	1p33-p32	31	662	137.58	178.11
ZNF99	16.67	10.99	1.52	chr19	19p12	21	720	122.71	162.64
RABGGTB	261.80	172.72	1.52	chr1	1p31	59	1600	139.96	137.65
Hs.744365	49.71	32.79	1.52	chr2	N/A	7	73	149.20	76.84
ARL2	276.42	182.38	1.52	chr11	11q13	35	640	133.59	64.71
ANKRD50	74.65	49.25	1.52	chr4	4q28.1	48	1300	309.99	107.07
FBXW7	127.25	83.97	1.52	chr4	4q31.3	55	938	114.78	80.76
Hs.733671	96.69	63.82	1.52	chr1	N/A	7	73	84.36	72.99
LOC646168	12.05	7.95	1.51	chr3	3q26.1	10	696	77.55	111.94
LINC00921	57.94	38.25	1.51	chr16	16p13.3	11	377	63.42	179.95
MTA2	28.66	18.92	1.51	chr11	11q12-q13.1	21	460	71.28	80.47
POLR3GL	214.33	141.53	1.51	chr1	1q21.1	33	542	93.35	68.05
Hs.658188	31.83	21.02	1.51	chr1	N/A	1	304	0.00	50.67
NDUFB2-AS1	35.61	23.52	1.51	chr7	7q34	24	476	95.57	97.33
LYPLAL1	165.31	109.19	1.51	chr1	1q41	30	773	68.47	68.28
RERE	112.63	74.42	1.51	chr1	1p36.23	74	2322	225.58	158.63
Hs.660438	14.53	9.60	1.51	chr7	N/A	6	355	88.63	106.11
Hs.708576	127.96	84.59	1.51	chr14	N/A	5	420	87.59	81.27
FAM50B	107.88	71.32	1.51	chr6	6p25.2	28	555	72.13	44.20
GCNT4	25.35	16.76	1.51	chr5	5q12	18	454	185.67	57.57
LINC00708	11.65	7.71	1.51	chr10	10p14	4	304	55.54	68.90
Hs.661504	7.35	4.86	1.51	chr13	N/A	1	304	0.00	77.51
Hs.572904	16.92	11.20	1.51	chr22	N/A	7	73	120.90	131.07
Hs.683797	45.27	29.96	1.51	chr11	N/A	10	28	53.57	89.95
IGFBPL1	50.34	33.32	1.51	chr9	9p13.1	36	485	403.35	170.90
Hs.253646	43.20	28.59	1.51	chr19	N/A	1	304	0.00	66.82
GPR4	43.59	28.85	1.51	chr19	19q13.3	45	1023	113.54	68.21
Hs.522291	62.46	41.35	1.51	chr9	N/A	1	304	0.00	53.00
NUDT3	140.30	92.89	1.51	chr6	6p21.2	64	1748	114.26	92.23
Hs.568544	22.50	14.91	1.51	chr1	N/A	3	66	52.73	78.33
HTATSF1	184.36	122.17	1.51	chrX	Xq26.3	38	1026	87.70	156.22
PPID	156.68	103.85	1.51	chr4	4q31.3	58	1441	119.29	85.49
Hs.695133	241.90	160.35	1.51	chr21	N/A	7	73	82.81	64.14
Hs.118769	38.54	25.55	1.51	chr2	N/A	1	304	0.00	94.41
Hs.653197	11.57	7.67	1.51	chr17	N/A	1	304	0.00	90.51
PSMD4	338.17	224.22	1.51	chr1	1q21.3	54	1792	79.94	80.34
Hs.680129	16.96	11.25	1.51	chr13	N/A	1	304	0.00	62.32
Hs.100912	45.89	30.43	1.51	chr4	N/A	8	377	65.49	84.47

OPTN	302.71	200.73	1.51	chr10	10p13	46	1148	93.77	89.02
MPRIP	228.85	151.75	1.51	chr17	17p11.2	84	3191	122.75	120.21
TMOD2	63.50	42.11	1.51	chr15	15q21.2	29	838	398.24	158.40
IL9R	38.78	25.72	1.51	chrX	Xq28 and Yq1	27	960	87.52	53.55
Hs.658143	11.05	7.33	1.51	chr1	N/A	9	681	103.55	88.92
Hs.720723	15.01	9.96	1.51	chr13	N/A	6	343	38.61	69.18
NDUFS2	444.49	295.03	1.51	chr1	1q23	35	628	103.59	78.85
SGCD	68.09	45.20	1.51	chr5	5q33-q34	112	2918	136.04	136.67
Hs.551847	67.85	45.04	1.51	chr1	N/A	4	304	43.57	87.04
LOC100507560	183.82	122.08	1.51	chr12	N/A	15	450	129.58	223.09
LOC100505776	6.74	4.47	1.51	chr18	N/A	1	304	0.00	88.60
CHCHD4	178.98	118.88	1.51	chr3	3p25.1	19	396	70.38	47.20
UROS	99.45	66.06	1.51	chr10	10q25.2-q26.3	51	962	156.92	78.13
Hs.562454	10.37	6.89	1.51	chr12	N/A	1	304	0.00	77.56
CDH4	38.80	25.78	1.50	chr20	20q13.3	60	1666	486.43	88.82
HTR3D	15.54	10.33	1.50	chr3	3q27.1	16	28	64.86	72.69
RPL35A	1,206.10	801.72	1.50	chr3	3q29	35	1998	95.71	133.22
DMD	103.34	68.70	1.50	chrX	Xp21.2	132	2017	240.28	198.73
KCTD3	130.06	86.49	1.50	chr1	1q41	31	538	163.68	96.22
RBPMS	164.95	109.71	1.50	chr8	8p12	107	2938	136.33	149.07
TRNT1	47.50	31.59	1.50	chr3	3p25.1	49	1203	403.37	76.88
BMP5	56.51	37.59	1.50	chr6	6p12.1	37	1026	200.19	232.77
ATPIA4	30.53	20.31	1.50	chr1	1q23.2	44	1048	106.15	104.49
PFKP	339.71	226.03	1.50	chr10	10p15.3-p15.2	37	649	78.52	112.87
HBZ	68.19	45.37	1.50	chr16	16p13.3	42	679	234.57	809.06
Hs.670914	21.70	14.44	1.50	chr4	N/A	1	304	0.00	70.97
EPYC	27.97	18.62	1.50	chr12	12q21	35	616	132.51	129.87
ERAL1	138.62	92.25	1.50	chr17	17q11.2	30	572	108.98	45.26
Hs.604083	157.03	104.53	1.50	chr8	N/A	7	73	103.76	51.99
Hs.607939	30.62	20.38	1.50	chr17	N/A	1	304	0.00	53.54
Hs.604132	18.88	12.57	1.50	chr2	N/A	2	22	50.37	67.58
DDT	263.45	175.44	1.50	chr22	22q11.23	48	818	87.00	175.68
VCAN	246.17	163.96	1.50	chr5	5q14.3	82	2627	234.69	180.44
GOLGA3	143.24	95.41	1.50	chr12	12q24.33	41	1235	132.52	67.27
Hs.586760	63.56	42.34	1.50	chr12	N/A	8	377	59.52	70.85
COQ3	182.39	121.54	1.50	chr6	6q16.2	26	842	115.96	201.60
RABGAP1L	94.07	62.70	1.50	chr1	1q24	143	2426	136.18	111.68
SLC35B1	219.76	146.50	1.50	chr17	17q21.33	37	650	102.02	58.69
MRPS24	666.17	444.25	1.50	chr7	7p14	24	417	69.43	57.24
Hs.107410	87.65	58.45	1.50	chr6	N/A	1	304	0.00	46.74
IL5	15.75	10.50	1.50	chr5	5q31.1	26	492	197.63	78.64
CABP5	20.78	13.87	1.50	chr19	19q13.33	26	508	96.47	85.36
TMED5	108.08	72.11	1.50	chr1	1pter-q31.3	84	2816	236.60	211.20
Hs.540179	19.87	13.26	1.50	chr15	N/A	5	22	68.64	65.36
LCE1F	31.87	21.27	1.50	chr1	1q21.3	13	16	65.65	19.47
HADHA	341.75	228.06	1.50	chr2	2p23	61	1580	171.42	104.95
VSX1	23.79	15.87	1.50	chr20	20p11.21	33	1365	112.09	197.26
AES	412.44	275.27	1.50	chr19	19p13.3	51	587	92.18	80.49
LINC00263	41.53	27.72	1.50	chr10	10q24.31	11	344	31.99	86.01
Hs.536953	15.03	10.03	1.50	chr9	N/A	1	304	0.00	52.98
ADAM10	59.61	39.80	1.50	chr15	15q22	43	1114	208.02	186.65
CECR7	57.98	38.72	1.50	chr22	22q11.1	11	425	97.53	112.48
ARL3	127.25	84.98	1.50	chr10	10q23.3	60	1492	128.15	124.84
FCN3	183.22	122.42	1.50	chr1	1p36.11	33	574	132.21	305.83
MYO18A	185.03	123.63	1.50	chr17	17q11.2	28	140	118.84	91.37
Hs.677099	14.22	9.50	1.50	chr9	N/A	20	868	77.46	87.35
NAPRT1	92.17	61.59	1.50	chr8	8q24.3	37	801	109.68	142.52
LOC100506489	8.82	5.89	1.50	chr7	N/A	9	392	57.23	102.06
Hs.594641	229.77	153.61	1.50	chr15	N/A	7	73	72.45	161.40
Hs.636285	11.22	7.50	1.50	chr5	N/A	1	304	0.00	79.52
WBP4	94.63	63.29	1.50	chr13	13q14.11	57	1516	102.78	93.78
IFNA1	10.60	7.09	1.49	chr9	9p22	13	471	62.93	89.54
CDC37L1	85.73	57.38	1.49	chr9	9p24.1	29	835	81.87	83.82
Hs.673171	18.20	12.18	1.49	chr14	N/A	11	332	53.46	118.03
RGS11	34.27	22.94	1.49	chr16	16p13.3	49	1332	105.12	93.26
Hs.657696	66.62	44.60	1.49	chr3	N/A	4	304	18.56	45.10
OPA1	110.07	73.69	1.49	chr3	3q28-q29	79	2036	173.43	88.85
Hs.520684	16.77	11.23	1.49	chr1	N/A	6	912	82.06	61.46
GPR50	21.83	14.62	1.49	chrX	Xq28	23	493	90.17	102.82
FBXL17	91.44	61.25	1.49	chr5	5q21.3	66	1383	193.37	152.75
HERC3	48.39	32.42	1.49	chr4	4q21	51	937	214.89	120.32
CDC42EP3	135.68	90.91	1.49	chr2	2p21	75	1923	116.51	98.54
KIAA1211	43.08	28.87	1.49	chr4	4q12	61	1195	412.82	240.80
ZNF524	75.61	50.67	1.49	chr19	19q13.42	17	344	47.13	62.20
Hs.708503	65.80	44.10	1.49	chr3	N/A	1	304	0.00	54.58
Hs.503453	840.91	563.60	1.49	chr11	N/A	12	124	229.36	153.07
Hs.388742	107.77	72.25	1.49	chr9	N/A	26	599	73.91	70.89
Hs.657041	22.96	15.39	1.49	chr21	N/A	7	73	86.70	133.91
ITGB1BP1	140.53	94.25	1.49	chr2	2p25.2	46	1391	81.97	116.59
Hs.557386	7.06	4.74	1.49	chr4	N/A	1	304	0.00	88.59
Hs.147198	9.83	6.59	1.49	chr1	N/A	10	73	81.72	105.27
SNRPN	207.11	138.96	1.49	chr15	15q11.2	198	6098	171.99	219.87
FAM170A	22.02	14.78	1.49	chr5	5q23.1	14	332	69.79	104.28
RPLP1	4,328.46	2,906.33	1.49	chr15	15q22	42	875	65.52	90.99
UBE2O	78.71	52.85	1.49	chr17	17q25.1	41	917	78.09	95.66
EFEMP2	185.39	124.50	1.49	chr11	11q13.1	35	997	92.06	66.78
SURF1	207.63	139.45	1.49	chr9	9q34.2	35	997	64.23	100.11
OTOP1	9.81	6.59	1.49	chr4	4p16.3	16	32	61.51	39.98
Hs.585851	14.58	9.80	1.49	chr18	N/A	2	22	92.51	59.66
ITGB5	159.92	107.43	1.49	chr3	3q21.2	66	1569	145.79	108.53
DNM1L	176.81	118.79	1.49	chr12	12p11.21	72	1416	180.90	116.70
C2CD4B	33.89	22.78	1.49	chr15	15q22.2	35	737	116.53	116.96
RTP1	17.15	11.52	1.49	chr3	3q27.3	30	720	88.68	98.05

Hs.568549	43.61	29.31	1.49	chr1	N/A	6	66	126.25	102.04
LOC100506731	11.13	7.48	1.49	chr14	N/A	4	304	85.70	68.56
LOC255167	56.38	37.90	1.49	chr5	5p15.31	1	304	0.00	80.62
FLT1	64.12	43.11	1.49	chr13	13q12	95	2639	228.17	128.23
C16orf46	94.07	63.25	1.49	chr16	16q23.2	27	763	305.05	203.58
Hs.659504	22.43	15.08	1.49	chr4	N/A	7	73	112.30	75.74
Hs.196119	12.95	8.71	1.49	chr4	N/A	1	304	0.00	149.44
CACNA1B	33.01	22.20	1.49	chr9	9q34	46	904	80.82	121.45
LONP1	200.01	134.54	1.49	chr19	19p13.2	28	533	76.99	65.28
LOC100506054	30.75	20.68	1.49	chr2	2p25	11	340	222.10	48.00
MUSK	17.70	11.90	1.49	chr9	9q31.3-q32	48	1356	105.60	84.68
HCG4	27.94	18.80	1.49	chr6	6p21.3	33	589	136.75	164.61
Hs.550803	91.65	61.68	1.49	chr1	N/A	8	377	102.84	99.52
Hs.611647	52.36	35.23	1.49	chr7	N/A	3	912	128.94	77.77
Hs.144731	14.56	9.80	1.49	chr10	N/A	2	22	41.57	75.19
Hs.607849	51.49	34.65	1.49	chr6	N/A	10	73	120.92	59.76
Hs.596854	36.16	24.34	1.49	chr1	N/A	3	66	49.23	66.68
LZTS2	187.82	126.41	1.49	chr10	10q24	46	1482	80.88	85.50
Hs.656306	71.89	48.39	1.49	chr8	N/A	1	304	0.00	42.60
SPTB	70.65	47.56	1.49	chr14	14q23-q24.2	89	1682	177.54	184.83
AIMP2	267.29	179.94	1.49	chr7	7p22	35	997	62.42	69.06
FLJ44896	50.24	33.82	1.49	chr5	5p15.33	10	393	149.02	107.85
SHC3	54.47	36.67	1.49	chr9	9q22.1	63	1427	243.57	143.89
B4GALT1	75.34	50.76	1.48	chr9	9p13	95	2801	164.36	145.47
ANKRD66	11.77	7.93	1.48	chr6	6p12.3	10	32	43.94	86.44
ZNF668	24.86	16.76	1.48	chr16	16p11.2	36	902	99.68	152.61
ZNF672	114.69	77.33	1.48	chr1	1q44	46	995	121.77	73.36
Hs.434799	12.97	8.75	1.48	chr4	N/A	4	304	92.48	44.46
SETD3	166.64	112.36	1.48	chr14	14q32.2	47	1275	148.63	108.93
Hs.674617	48.01	32.38	1.48	chr1	N/A	1	304	0.00	36.76
CACNB2	45.98	31.01	1.48	chr10	10p12	92	2554	102.99	135.75
SMIM2	18.28	12.33	1.48	chr13	13q14.11	23	1194	67.12	70.74
NTPCR	126.34	85.23	1.48	chr1	1q42.2	20	703	115.29	49.84
Hs.681787	70.12	47.31	1.48	chr16	N/A	2	16	107.15	23.84
RNF165	35.51	23.96	1.48	chr18	18q21.1	17	1099	106.97	117.58
GAPDH	3,729.65	2,518.10	1.48	chr12	12p13	81	2245	78.88	72.53
AKTIP	207.18	139.90	1.48	chr16	16q12.2	70	1042	124.22	88.50
Hs.633921	16.75	11.31	1.48	chr7	N/A	11	377	49.24	146.64
TRDMT1	35.24	23.80	1.48	chr10	10p15.1	61	999	495.62	171.98
Hs.600713	20.17	13.63	1.48	chr6	N/A	7	73	63.27	75.26
NDUFB1	853.75	576.65	1.48	chr14	14q32.12	35	628	77.08	58.90
Hs.129462	11.12	7.51	1.48	chr1	N/A	11	377	96.68	113.12
EMC6	214.74	145.10	1.48	chr17	17p13.2	34	533	86.52	61.79
RCN1	216.68	146.42	1.48	chr11	11p13	51	982	173.34	124.49
CRYGA	24.64	16.65	1.48	chr2	2q34	30	577	63.97	84.17
Hs.601156	23.87	16.14	1.48	chr17	N/A	3	66	68.41	65.51
Hs.610994	25.51	17.25	1.48	chr19	N/A	1	304	0.00	45.84
ZNF134	311.02	210.29	1.48	chr19	19q13.4	54	744	292.74	339.56
Hs.595170	272.24	184.12	1.48	chr11	N/A	7	73	55.65	38.53
ANP32C	15.56	10.52	1.48	chr4	4q32.3	24	477	69.18	128.63
ZNF366	50.00	33.83	1.48	chr5	5q13.2	19	384	167.79	185.13
Hs.667887	12.68	8.58	1.48	chr1	N/A	7	73	52.07	112.54
Hs.132293	24.18	16.37	1.48	chr9	N/A	5	22	67.69	76.14
Hs.385770	13.87	9.39	1.48	chr2	N/A	4	304	83.45	72.39
CLIC4	219.43	148.58	1.48	chr1	1p36.11	101	1850	155.27	160.67
LINC00313	23.99	16.24	1.48	chr21	21q22.3	25	649	109.41	94.77
TPM2	706.20	478.33	1.48	chr9	9p13	60	1469	106.41	249.49
OR10A4	25.11	17.01	1.48	chr11	11p15.4	16	384	100.05	136.26
MAGEB4	10.64	7.21	1.48	chrX	Xp21.3	28	912	221.82	94.11
SMTN	215.33	145.93	1.48	chr22	22q12.2	49	1383	99.82	145.09
Hs.544888	19.46	13.19	1.48	chr6	N/A	3	66	99.22	80.96
MRPL24	281.45	190.82	1.47	chr1	1q23.1	31	533	81.44	47.70
LOC100506469	93.98	63.74	1.47	chr19	N/A	6	724	60.56	82.56
C3orf52	29.53	20.03	1.47	chr3	3q13.2	38	561	90.09	108.05
PFDN6	143.25	97.17	1.47	chr6	6p21.3	44	1678	137.86	149.51
TIMM8A	28.84	19.56	1.47	chrX	Xq22.1	41	940	67.43	79.71
Hs.254117	19.88	13.49	1.47	chr4	N/A	50	1446	228.91	122.41
DNAJA3	310.19	210.50	1.47	chr16	16p13.3	31	881	99.75	178.20
TRAP1	174.53	118.45	1.47	chr16	16p13.3	31	881	83.11	95.47
Hs.554075	14.18	9.63	1.47	chr11	N/A	4	304	71.83	62.77
SGCB	140.50	95.37	1.47	chr4	4q12	68	1897	109.02	118.25
HSP90B1	799.78	542.92	1.47	chr12	12q24.2-q24.3	68	1905	200.94	190.01
Hs.660167	68.86	46.75	1.47	chr12	N/A	1	304	0.00	95.72
SSTR3	45.34	30.79	1.47	chr22	22q13.1	24	808	94.74	81.86
FLJ13224	10.42	7.07	1.47	chr12	12p11.21	21	448	108.36	69.98
REV1	175.85	119.43	1.47	chr2	2q11.1-q11.2	62	1692	193.26	126.48
ANGPTL4	88.07	59.82	1.47	chr19	19p13.3	42	910	161.53	113.79
WISP2	148.38	100.79	1.47	chr20	20q13.12	35	627	91.22	167.60
Hs.362343	19.58	13.30	1.47	chr1	N/A	11	377	63.92	95.85
NYX	41.71	28.34	1.47	chrX	Xp11.4	22	758	100.59	92.05
PSEN2	69.59	47.29	1.47	chr1	1q31-q42	77	1619	88.05	80.87
Hs.663107	60.60	41.18	1.47	chr2	N/A	1	304	0.00	61.27
RAB4A	145.20	98.68	1.47	chr1	1q42-q43	108	1913	93.58	86.53
LOC285577	30.10	20.45	1.47	chr5	5p15.33	4	304	62.33	41.84
Hs.710748	12.71	8.64	1.47	chr2	N/A	2	16	97.12	42.05
LOC100130071	23.84	16.21	1.47	chr1	1p36.31	10	28	232.33	64.47
Hs.635268	361.08	245.64	1.47	chr1	N/A	7	73	129.69	112.62
OCM2	25.88	17.61	1.47	chr7	7q21.2	21	454	78.12	101.82
PMPCA	129.16	87.90	1.47	chr9	9q34.3	37	645	115.24	66.38
Hs.214174	74.97	51.03	1.47	chr7	N/A	13	399	143.89	155.39
ZNF772	20.67	14.07	1.47	chr19	19q13.43	13	28	136.82	44.21
GDE1	217.30	147.97	1.47	chr16	16p12-p11.2	45	1027	74.19	62.83
PAFAH1B2	118.16	80.46	1.47	chr11	11q23	62	1123	182.66	249.18

TRAPPC2L	129.51	88.21	1.47	chr16	16q24.3	43	1180	123.27	118.89
OTUD1	170.38	116.05	1.47	chr10	10p12.2	38	1105	94.89	247.26
Hs.196575	25.86	17.61	1.47	chr2	N/A	1	304	0.00	68.34
STAG3L2	121.53	82.79	1.47	chr7	7q11.23	6	320	55.05	52.72
EPHB1	42.25	28.78	1.47	chr3	3q21-q23	78	1731	299.33	104.86
LIMS2	237.39	161.75	1.47	chr2	2q14.3	21	460	50.02	69.67
CD79B	43.98	29.97	1.47	chr17	17q23	38	1176	119.88	180.52
DEFB104B	15.13	10.31	1.47	chr8	8p23.1	5	16	145.07	84.91
ATP6V1C1	96.58	65.84	1.47	chr8	8q22.3	71	1961	167.59	86.85
SRRM3	56.49	38.51	1.47	chr7	7q11.23	34	753	138.34	123.77
DVL1	209.74	143.01	1.47	chr1	1p36	45	532	133.31	110.68
POU1F1	21.60	14.73	1.47	chr3	3p11	27	547	95.08	197.17
SOX3	82.29	56.11	1.47	chrX	Xq27.1	56	976	168.88	390.92
ABCC9	29.45	20.08	1.47	chr12	12p12.1	82	2291	214.65	95.24
MIB2	51.42	35.07	1.47	chr1	1p36.33	48	1767	93.95	90.74
DDA1	66.52	45.37	1.47	chr19	19p13.11	53	1011	231.63	85.72
ACOT8	74.17	50.60	1.47	chr20	20q13.12	31	892	132.25	67.09
CDC34	142.69	97.37	1.47	chr19	19p13.3	51	957	66.33	88.46
LOC158376	74.22	50.67	1.46	chr9	9p13.3	5	52	46.27	58.28
Hs.434335	19.32	13.19	1.46	chr18	N/A	4	304	37.40	54.30
LIN7B	78.79	53.79	1.46	chr19	19q13.3	29	849	68.68	82.23
Hs.549667	15.87	10.83	1.46	chr6	N/A	3	2	49.95	9.52
Hs.654884	52.39	35.78	1.46	chr7	N/A	8	377	80.01	51.29
Hs.721152	42.32	28.90	1.46	chr3	N/A	3	326	31.47	87.07
AK2	150.46	102.77	1.46	chr1	1p34	96	2443	130.89	83.66
OGFOD3	80.14	54.74	1.46	chr17	17q25.3	67	1429	80.54	73.69
FRRS1	15.11	10.32	1.46	chr1	1p21.2	20	398	101.04	111.09
Hs.673431	78.24	53.47	1.46	chr3	N/A	1	304	0.00	75.41
FBXW5	271.76	185.73	1.46	chr9	9q34.3	28	408	115.03	103.93
COQ10B	137.36	93.88	1.46	chr2	2q33.1	36	865	175.58	89.77
Hs.731732	281.12	192.14	1.46	chr19	N/A	7	73	79.66	75.16
AKIP1	100.69	68.82	1.46	chr11	11p15.3	59	865	121.01	62.80
DACT3-AS1	37.86	25.88	1.46	chr19	N/A	1	304	0.00	40.54
LOC100128035	5.84	3.99	1.46	chr3	3q13.2	9	28	85.13	36.43
GPER	48.12	32.90	1.46	chr7	7p22.3	39	975	87.67	122.75
Hs.31632	19.10	13.06	1.46	chr5	N/A	8	51	94.72	68.87
Hs.59554	11.05	7.56	1.46	chr6	N/A	4	370	66.98	103.76
Hs.711300	520.49	356.10	1.46	chr2	N/A	7	73	40.68	81.99
PCNP	371.74	254.35	1.46	chr3	3q12.3	27	1146	101.69	118.87
Hs.476604	62.65	42.87	1.46	chr3	N/A	29	596	145.03	192.46
MOS	39.29	26.89	1.46	chr8	8q11	23	492	85.98	84.87
RP9	126.67	86.70	1.46	chr7	7p14.3	61	1376	123.86	68.77
NEDD8	472.06	323.10	1.46	chr14	14q12	62	661	119.87	68.39
MAP1LC3B2	321.10	219.81	1.46	chr12	12q24.22	5	425	71.60	47.46
FGF14-AS2	39.52	27.06	1.46	chr13	13q33.1	19	718	80.81	73.65
HOXD3	16.49	11.30	1.46	chr2	2q31.1	33	1333	128.42	91.45
MAT2A	300.90	206.18	1.46	chr2	2p11.2	45	1411	109.66	115.25
MLNR	12.96	8.88	1.46	chr13	13q14-q21	21	453	70.15	73.63
Hs.658628	48.79	33.43	1.46	chrX	N/A	1	304	0.00	40.04
GBP4	46.72	32.02	1.46	chr1	1p22.2	32	776	78.04	80.85
DNAJC13	89.45	61.32	1.46	chr3	3q22.1	34	1232	105.92	124.65
STRN	65.67	45.03	1.46	chr2	2p22.2	90	3817	211.61	82.34
NPVF	11.50	7.89	1.46	chr7	7p21-p15	28	526	90.91	79.64
Hs.658211	17.43	11.95	1.46	chr1	N/A	8	377	119.97	325.13
Hs.596967	19.32	13.25	1.46	chr16	N/A	1	304	0.00	79.99
Hs.667885	42.86	29.40	1.46	chr2	N/A	7	73	66.37	79.23
LRP12	30.27	20.77	1.46	chr8	8q22.2	41	1338	88.01	89.96
P2RX3	18.00	12.35	1.46	chr11	11q12	31	520	85.56	91.35
Hs.147406	12.43	8.53	1.46	chr19	N/A	6	66	50.50	73.76
SLC44A2	248.11	170.39	1.46	chr19	19p13.1	44	872	196.22	92.09
CD300LD	6.43	4.42	1.46	chr17	17q25.1	10	28	178.05	117.68
GIMAP8	72.99	50.14	1.46	chr7	7q36.1	30	717	57.52	128.47
TAS2R46	8.67	5.96	1.46	chr12	12p13.2	16	28	103.33	77.85
MTRF1	31.45	21.61	1.46	chr13	13q14.1-q14.3	40	1184	123.15	145.90
Hs.603285	10.91	7.49	1.46	chr8	N/A	2	22	14.69	93.61
GCNT2	53.09	36.47	1.46	chr6	6p24.2	42	922	195.03	224.65
Hs.720063	91.37	62.79	1.46	chr14	N/A	7	73	212.37	78.21
KCNJ15	76.21	52.38	1.45	chr21	21q22.2	49	1372	525.60	146.76
BRSK2	26.31	18.09	1.45	chr11	11p15.5	44	915	81.79	92.48
Hs.603787	16.18	11.13	1.45	chr2	N/A	2	22	57.98	145.59
Hs.657833	22.30	15.34	1.45	chr6	N/A	6	355	42.73	84.37
Hs.667417	18.16	12.49	1.45	chr6	N/A	3	66	35.15	55.75
TMEM177	54.16	37.25	1.45	chr2	2q14.2	29	837	64.39	71.91
Hs.370611	28.55	19.64	1.45	chr5	N/A	15	50	49.06	76.98
FUT9	23.59	16.22	1.45	chr6	6q16	78	1533	562.00	313.49
KPNA4	180.35	124.05	1.45	chr3	3q25.33	84	2190	197.21	167.82
Hs.665295	40.52	27.90	1.45	chr14	N/A	20	870	149.00	202.46
Hs.462257	116.05	79.93	1.45	chr17	N/A	11	377	68.02	147.77
MARCH2	100.51	69.23	1.45	chr19	19p13.2	49	600	118.83	76.31
RARA	65.31	44.99	1.45	chr17	17q21	68	2210	109.96	132.76
DSCR3	76.25	52.54	1.45	chr21	21q22.2	55	1053	135.07	96.22
Hs.709557	117.65	81.07	1.45	chr16	N/A	8	377	91.76	85.55
BAG3	478.26	329.59	1.45	chr10	10q25.2-q26.2	38	566	93.73	101.92
SSUH2	34.37	23.69	1.45	chr3	3p26.1	28	549	68.54	85.43
ACAT2	153.42	105.75	1.45	chr6	6q25.3	61	1447	271.02	149.06
KRTAP4-12	29.15	20.10	1.45	chr17	17q12-q21	21	424	79.12	104.07
NUTF2	197.04	135.88	1.45	chr16	16q22.1	48	996	158.33	68.77
RPS4Y2	255.66	176.30	1.45	chrY	Yq11.223	16	34	63.16	108.78
PSMC1	610.62	421.08	1.45	chr14	14q32.11	43	560	63.22	48.55
BRE	134.66	92.87	1.45	chr2	2p23.2	60	1563	102.32	77.17
DDX28	43.78	30.19	1.45	chr16	16q22.1	68	2090	98.86	99.20
GRIN2C	62.16	42.87	1.45	chr17	17q25	48	1377	372.03	299.01
Hs.444235	7.71	5.32	1.45	chr6	N/A	1	304	0.00	69.10

ENY2	174.95	120.70	1.45	chr8	8q23.1	47	1254	102.73	97.92
CTNNA1	274.92	189.72	1.45	chr5	5q31.2	112	3472	155.34	125.48
EDDM3B	7.70	5.31	1.45	chr14	14q11.2	38	556	87.49	119.98
Hs.45091	22.45	15.50	1.45	chrX	N/A	4	370	81.03	94.49
C11orf21	52.12	35.98	1.45	chr11	11p15.5	26	790	68.93	144.89
WDR38	52.61	36.32	1.45	chr9	9q33.3	23	854	207.50	251.86
SDPR	115.77	79.94	1.45	chr2	2q32-q33	29	842	62.51	123.13
HDGFRP3	111.26	76.83	1.45	chr15	15q25.2	67	2756	172.39	132.84
PAGE2B	8.75	6.04	1.45	chrX	Xp11.21	14	332	147.89	328.64
Hs.721212	97.95	67.65	1.45	chr5	N/A	7	73	65.07	93.36
EMG1	153.18	105.79	1.45	chr12	12p13.3	38	578	76.92	47.15
Hs.347034	34.71	23.98	1.45	chr10	N/A	13	28	130.36	51.65
MYO3B	12.84	8.87	1.45	chr2	2q31.1-q31.2	34	1020	140.92	135.13
FAM13A-AS1	182.58	126.12	1.45	chr4	4q22.1	18	405	137.96	231.69
CALU	165.47	114.31	1.45	chr7	7q32.1	40	2383	115.13	78.30
RFXANK	99.67	68.87	1.45	chr19	19p12	36	577	67.92	69.41
LOC100507521	13.26	9.16	1.45	chr11	N/A	13	28	150.66	85.88
Hs.129244	30.09	20.80	1.45	chr20	N/A	10	73	158.68	107.99
AQP1	562.88	389.26	1.45	chr7	7p14	48	1025	76.26	131.43
OR56B1	17.09	11.82	1.45	chr11	11p15.4	16	28	65.47	83.70
TRIM67	16.36	11.32	1.45	chr1	1q42.2	13	73	121.03	83.21
FAM118B	67.88	46.96	1.45	chr11	11q24.2	28	1089	201.33	78.36
Hs.595920	44.23	30.60	1.45	chr11	N/A	8	377	169.34	75.08
TNC	152.06	105.22	1.45	chr9	9q33	65	1143	303.57	249.82
DNAJA2	157.17	108.77	1.45	chr16	16q12.1	45	1057	118.55	70.39
MED10	119.78	82.91	1.44	chr5	5p15.31	43	570	83.34	62.11
IL6	256.54	177.59	1.44	chr7	7p21	48	718	561.57	422.95
COL23A1	64.91	44.94	1.44	chr5	5q35.3	24	417	57.24	130.26
SLIRP	492.04	340.68	1.44	chr14	14q24.3	21	460	87.30	46.46
LOC283177	57.07	39.51	1.44	chr11	11q25	12	636	51.63	75.94
RAPSN	17.11	11.85	1.44	chr11	11p11.2	33	565	98.85	158.97
KAZALD1	43.00	29.78	1.44	chr10	10q24.31	30	928	117.74	67.81
Hs.581202	21.42	14.84	1.44	chr3	N/A	7	73	138.70	50.87
Hs.659065	243.61	168.81	1.44	chr7	N/A	14	146	118.37	60.60
Hs.190668	38.29	26.54	1.44	chr12	N/A	1	304	0.00	36.74
GGNBP2	189.46	131.35	1.44	chr17	17q12	49	1479	133.47	119.11
Hs.241431	60.12	41.68	1.44	chr16	N/A	7	73	80.62	102.78
Hs.145137	10.03	6.95	1.44	chr2	N/A	3	326	62.86	76.34
GBE1	249.33	172.88	1.44	chr3	3p12.3	33	584	83.34	91.35
COG5	136.49	94.64	1.44	chr7	7q31	47	1352	172.53	99.48
HMGCS2	203.16	140.88	1.44	chr1	1p13-p12	32	900	208.85	394.75
YEATS4	52.41	36.35	1.44	chr12	12q13-q15	28	537	78.89	111.44
Hs.171965	35.47	24.60	1.44	chr18	N/A	8	377	61.57	85.25
TEX41	17.78	12.34	1.44	chr2	2q22.3	4	304	27.54	73.99
LAMTOR2	180.74	125.37	1.44	chr1	1q22	38	561	45.83	59.70
LOC100507425	78.00	54.11	1.44	chr17	N/A	1	304	0.00	46.68
CENPB	120.44	83.56	1.44	chr20	20p13	40	600	215.68	59.52
SLC39A1	145.00	100.62	1.44	chr1	1q21	28	526	113.29	99.60
ARHGEF12	61.85	42.92	1.44	chr11	11q23.3	88	4765	172.02	189.39
Hs.196134	16.24	11.27	1.44	chrX	N/A	4	304	78.46	64.62
COMMD7	206.03	143.02	1.44	chr20	20q11.21	37	801	142.32	107.19
Hs.533222	105.48	73.23	1.44	chr5	N/A	35	942	281.90	63.85
Hs.638111	45.20	31.38	1.44	chr18	N/A	1	304	0.00	42.12
ENO1-AS1	21.58	14.98	1.44	chr1	1p36.2	14	332	115.38	142.91
Hs.371279	11.49	7.98	1.44	chr12	N/A	1	304	0.00	56.34
RAF1	270.71	188.09	1.44	chr3	3p25	81	1407	128.40	110.69
Hs.555931	29.95	20.81	1.44	chrX	N/A	8	377	63.73	90.23
Hs.603142	53.98	37.53	1.44	chr18	N/A	7	73	69.65	66.76
SLC39A13	152.72	106.20	1.44	chr11	11p11.2	28	825	98.15	74.83
C12orf36	40.20	27.96	1.44	chr12	12p13.1	13	29	73.55	90.89
CTNNA3	22.13	15.39	1.44	chr10	10q22.2	37	837	75.87	111.68
SNAPC3	70.84	49.28	1.44	chr9	9p22.3	77	1619	128.91	77.56
RNF126	103.24	71.83	1.44	chr19	19p13.3	39	1294	74.29	87.77
TAF12	89.22	62.08	1.44	chr1	1p35.3	32	616	65.84	122.08
Hs.596132	86.50	60.19	1.44	chr5	N/A	7	73	65.25	91.33
Hs.674504	22.47	15.64	1.44	chr2	N/A	1	304	0.00	47.68
MOCS2	155.47	108.22	1.44	chr5	5q11	34	538	126.29	146.36
VWA1	58.79	40.92	1.44	chr1	1p36.33	72	1986	215.37	118.18
COL6A5	13.30	9.26	1.44	chr3	3q22.1	29	693	99.73	83.18
ELL	50.17	34.94	1.44	chr19	19p13.1	68	1485	123.24	88.48
Hs.667942	20.29	14.14	1.44	chr16	N/A	3	66	76.43	118.95
Hs.131465	13.81	9.62	1.44	chr5	N/A	10	73	102.07	98.88
Hs.148762	15.54	10.83	1.44	chr5	N/A	5	22	74.93	63.26
SUOX	138.49	96.49	1.44	chr12	12q13.2	45	895	116.80	80.05
CCDC85C	63.15	44.01	1.44	chr14	14q32.31	36	792	110.14	68.60
ADAMTSL2	49.12	34.24	1.43	chr9	9q34.2	30	560	140.08	179.89
FLJ35816	6.96	4.85	1.43	chr4	4p16.3	7	304	44.24	63.38
CCDC23	86.56	60.36	1.43	chr1	1p34.2	18	648	102.86	93.67
Hs.25345	10.05	7.01	1.43	chr6	N/A	15	450	66.54	203.21
CENPV	81.98	57.18	1.43	chr17	17p11.2	21	1004	136.77	122.54
FILIP1L	200.77	140.05	1.43	chr3	3q12.1	43	1238	230.54	237.73
Hs.538396	14.25	9.94	1.43	chr10	N/A	10	73	105.78	128.02
LOC100505828	167.26	116.69	1.43	chr1	N/A	1	304	0.00	109.57
PHACTR1	63.32	44.18	1.43	chr6	6p24.1	56	1214	156.22	162.57
EZR	289.78	202.23	1.43	chr6	6q25.3	85	2043	156.25	188.09
Hs.655861	18.76	13.10	1.43	chr9	N/A	8	377	52.14	120.95
TTC33	56.62	39.53	1.43	chr5	5p13.1	44	915	157.11	123.54
Hs.661112	43.99	30.72	1.43	chr12	N/A	14	146	114.31	103.57
GBX2	16.98	11.86	1.43	chr2	2q37.2	30	576	141.01	82.07
C11orf83	102.58	71.65	1.43	chr11	11q12.3	18	405	92.93	73.61
Hs.49132	16.32	11.40	1.43	chr14	N/A	20	101	58.53	79.75
IFNL2	31.92	22.30	1.43	chr19	19q13.13	17	346	53.99	72.22
SLC44A1	238.08	166.35	1.43	chr9	9q31.2	68	2048	251.10	139.71

CD300LG	81.40	56.90	1.43	chr17	17q21.31	39	1050	149.72	229.35
LIMCH1	244.23	170.72	1.43	chr4	4p13	72	1951	159.41	150.99
DOCK3	50.42	35.26	1.43	chr3	3p21.2	42	657	92.17	237.90
C15orf54	11.03	7.71	1.43	chr15	15q14	7	304	38.94	56.31
Hs.238964	35.58	24.89	1.43	chr2	N/A	1	304	0.00	136.53
IL12A	27.17	19.01	1.43	chr3	3q25.33	30	569	143.16	119.94
MAP1LC3A	206.19	144.27	1.43	chr20	20q11.22	34	1077	201.92	78.74
Hs.203027	10.87	7.61	1.43	chr3	N/A	3	66	51.69	80.45
RRP8	59.26	41.49	1.43	chr11	11p15.4	37	1014	88.46	93.48
Hs.732673	38.38	26.88	1.43	chr2	N/A	1	304	0.00	47.16
RAD51C	116.61	81.66	1.43	chr17	17q25.1	56	1121	231.92	183.05
Hs.561095	20.13	14.10	1.43	chr3	N/A	4	304	48.86	51.07
Hs.627200	33.34	23.35	1.43	chr18	N/A	2	22	138.63	128.84
Hs.734426	45.40	31.79	1.43	chr20	N/A	1	304	0.00	58.89
Hs.675739	24.59	17.22	1.43	chr11	N/A	1	304	0.00	91.91
HCG25	26.08	18.26	1.43	chr6	6p21	2	16	74.19	26.50
ZSCAN10	40.06	28.06	1.43	chr16	16p13.3	18	648	66.41	227.28
Hs.732254	58.41	40.92	1.43	chr1	N/A	1	304	0.00	71.79
KRTAP12-1	14.80	10.37	1.43	chr21	21q22.3	13	36	74.74	54.10
LAMC1	321.47	225.23	1.43	chr1	1q31	57	1157	167.25	137.24
UCKL1	104.84	73.45	1.43	chr20	20q13.33	30	1158	113.86	95.03
Hs.702118	3,733.58	2,615.86	1.43	chr6	N/A	7	73	110.12	102.54
LOC389791	41.16	28.84	1.43	chr9	9q34.11	13	29	63.48	86.42
Hs.161239	8.12	5.69	1.43	chr9	N/A	10	28	146.93	57.80
MRPL13	146.97	103.00	1.43	chr8	8q22.1-q22.3	28	533	66.76	95.25
Hs.460642	51.25	35.93	1.43	chr16	N/A	20	1013	371.38	81.88
Hs.675449	25.34	17.77	1.43	chr3	N/A	1	308	0.00	45.23
OR10A6	34.35	24.08	1.43	chr11	11p15.4	5	52	107.09	82.92
Hs.377120	90.91	63.74	1.43	chr9	N/A	7	73	223.93	576.39
CD163	146.97	103.05	1.43	chr12	12p13.3	48	1456	109.91	188.89
SLC6A8	180.36	126.48	1.43	chrX	Xq28	63	2216	95.58	305.97
Hs.672575	13.39	9.39	1.43	chr5	N/A	1	304	0.00	65.47
TPR	254.88	178.81	1.43	chr1	1q25	96	2410	137.43	162.47
Hs.635622	38.83	27.24	1.43	chr6	N/A	1	304	0.00	49.81
COA3	325.47	228.38	1.43	chr17	17q21	35	792	79.42	87.85
SLC25A30	19.13	13.43	1.43	chr13	13q14.13	22	451	106.33	81.78
TMEM105	101.50	71.23	1.42	chr17	17q25.3	17	344	158.47	82.70
IKZF1	76.12	53.43	1.42	chr7	7p13-p11.1	88	3619	328.88	278.31
COMTD1	138.48	97.21	1.42	chr10	10q22.2	24	447	73.68	96.11
Hs.666783	32.49	22.81	1.42	chr6	N/A	1	304	0.00	46.21
FAM212B	62.32	43.76	1.42	chr1	1p13.2	47	1518	101.95	95.29
TAF10	224.67	157.79	1.42	chr11	11p15.3	32	1197	106.97	138.06
Hs.614842	9.43	6.62	1.42	chr15	N/A	10	16	29.51	31.63
PPM1N	35.66	25.04	1.42	chr19	19q13.32	25	717	96.63	102.50
HCFC1	90.63	63.66	1.42	chrX	Xq28	45	1426	189.37	97.89
Hs.680106	11.75	8.26	1.42	chr5	N/A	3	66	66.46	129.36
Hs.147566	20.94	14.71	1.42	chr9	N/A	5	22	71.42	78.64
MRPS18A	140.65	98.84	1.42	chr6	6p21.3	31	931	71.02	73.12
Hs.562320	13.12	9.22	1.42	chr11	N/A	4	304	76.47	79.63
GHSR	111.93	78.67	1.42	chr3	3q26.31	40	1215	149.54	457.03
TAX1BP3	377.39	265.30	1.42	chr17	17p13	28	924	96.43	99.47
CTSZ	73.57	51.72	1.42	chr20	20q13.32	44	1109	81.18	102.60
Hs.683386	11.64	8.18	1.42	chr5	N/A	1	304	0.00	57.76
Hs.433029	15.06	10.59	1.42	chr3	N/A	4	304	31.52	75.15
ESYT2	139.65	98.21	1.42	chr7	7q36.3	76	2382	172.47	125.40
EXO5	33.05	23.24	1.42	chr1	1p34.2	32	837	96.19	119.10
Hs.650491	23.93	16.83	1.42	chr9	N/A	1	304	0.00	47.97
CCL20	101.19	71.17	1.42	chr2	2q36.3	29	576	472.09	537.31
Hs.148257	25.71	18.08	1.42	chr11	N/A	5	22	61.72	57.16
CAPZA2	211.97	149.10	1.42	chr7	7q31.2-q31.3	46	1328	178.75	97.39
CSPG4	46.40	32.64	1.42	chr15	15q24.2	40	1031	77.57	104.15
Hs.730964	52.70	37.08	1.42	chr20	N/A	1	304	0.00	99.45
CEP57L1	19.09	13.43	1.42	chr6	6q21	42	1407	105.48	98.78
FARS2	75.79	53.34	1.42	chr6	6p25.1	42	1469	89.45	100.37
Hs.665683	23.51	16.55	1.42	chr1	N/A	1	304	0.00	84.48
A2M	1,116.17	785.58	1.42	chr12	12p13.31	29	842	45.62	165.63
PVRL3	104.79	73.76	1.42	chr3	3q13	75	837	333.52	207.26
NTSDC2	100.06	70.44	1.42	chr3	3p21.1	28	531	93.75	99.85
LOC100505876	82.77	58.27	1.42	chr2	2p22	27	1098	188.63	99.15
Hs.667349	7.31	5.15	1.42	chr14	N/A	1	304	0.00	82.37
TMEM14B	365.19	257.15	1.42	chr6	6p25.1-p23	24	828	55.56	57.91
Hs.713826	214.62	151.14	1.42	chr17	N/A	7	73	51.46	73.36
GALP	9.94	7.00	1.42	chr19	19q13.43	19	385	86.81	120.74
MIR22HG	156.79	110.46	1.42	chr17	17p13.3	33	527	75.08	83.58
HSPG2	217.77	153.44	1.42	chr1	1p36.1-p34	40	1036	154.51	137.02
Hs.570757	20.32	14.32	1.42	chr4	N/A	1	304	0.00	53.70
POU6F2	14.86	10.47	1.42	chr7	7p14.1	39	709	96.10	117.75
Hs.667227	29.52	20.80	1.42	chr6	N/A	3	66	121.14	58.96
SF3B5	464.12	327.17	1.42	chr6	6q24.2	28	533	61.27	45.54
DNAJC15	204.07	143.90	1.42	chr13	13q14.1	41	966	104.97	123.66
FFAR4	24.17	17.04	1.42	chr10	10q23.33	36	494	122.05	239.30
ASB1	77.81	54.88	1.42	chr2	2q37	70	1904	102.38	156.51
WNT6	96.82	68.31	1.42	chr2	2q35	58	1807	189.39	238.34
Hs.591351	14.08	9.94	1.42	chr6	N/A	7	73	54.35	147.32
LINC00347	28.97	20.45	1.42	chr13	13q21.33	21	405	176.01	263.24
Hs.529769	11.14	7.87	1.42	chr5	N/A	2	22	64.71	133.33
Hs.149067	9.61	6.78	1.42	chr2	N/A	2	22	4.99	41.90
LRP5	55.83	39.43	1.42	chr11	11q13.4	41	950	198.22	98.28
KIAA0141	90.90	64.20	1.42	chr5	5q31.3	61	1772	86.33	78.19
MGC27382	7.50	5.30	1.42	chr1	1p31.1	14	332	55.37	85.46
KU-MEL-3	19.70	13.91	1.42	chr6	6p25.3-p24.1	9	66	99.17	91.64
MRPL14	246.21	173.94	1.42	chr6	6p21.3	26	475	66.88	75.76
Hs.535913	14.77	10.43	1.42	chr8	N/A	7	73	194.26	88.74

LOC100506190	34.79	24.58	1.42	chr9	N/A	46	706	109.83	98.57
TATDN3	64.06	45.26	1.42	chr1	1q32.3	41	919	95.42	67.19
FRS3	74.46	52.62	1.42	chr6	6p21.1	28	534	57.11	46.66
CEMP1	51.41	36.35	1.41	chr16	16p13.3	19	752	82.86	104.72
LOC100507266	15.06	10.65	1.41	chr4	N/A	14	332	69.56	62.42
SLC25A20	188.37	133.21	1.41	chr3	3p21.31	36	577	87.98	64.77
PACSI	49.33	34.89	1.41	chr11	11q13.1-q13.2	42	655	103.07	111.81
SVIL	227.07	160.63	1.41	chr10	10p11.2	79	1755	196.83	213.62
Hs.562002	18.47	13.07	1.41	chrX	N/A	1	304	0.00	113.97
Hs.542622	11.32	8.01	1.41	chr21	N/A	10	73	91.35	61.82
RAMP2	86.87	61.47	1.41	chr17	17q12-q21.1	42	695	152.33	116.59
TMEM121	34.44	24.37	1.41	chr14	14q32.33	22	755	79.47	140.00
CCT7	390.45	276.28	1.41	chr2	2p13.2	38	611	80.27	60.22
CDC45	27.78	19.66	1.41	chr22	22q11.21	28	545	164.83	145.58
ZNHIT1	222.36	157.38	1.41	chr7	7q22.1	28	555	60.06	71.18
Hs.151158	7.04	4.99	1.41	chr14	N/A	5	22	33.59	79.32
MPI	72.56	51.38	1.41	chr15	15q22-qter	40	976	74.86	82.59
TMEM132B	47.07	33.33	1.41	chr12	12q24.31	40	917	368.82	130.46
Hs.595635	358.05	253.57	1.41	chr10	N/A	7	73	82.96	86.18
RTFDC1	215.62	152.72	1.41	chr20	20q13.31	34	1400	118.81	59.71
Hs.461807	12.75	9.03	1.41	chr17	N/A	3	320	80.07	82.57
RHBDF1	113.83	80.63	1.41	chr16	16p13.3	34	947	124.23	102.18
HRASL52	36.84	26.09	1.41	chr11	11q12.3	41	1324	101.80	74.58
Hs.740536	113.37	80.33	1.41	chr14	N/A	7	73	70.68	121.48
Hs.131259	26.71	18.93	1.41	chr2	N/A	10	73	85.78	74.23
LOC100289361	43.19	30.61	1.41	chr3	3q23	11	332	51.93	57.98
Hs.127874	15.28	10.83	1.41	chr5	N/A	5	22	80.37	53.03
RAD51	28.69	20.35	1.41	chr15	15q15.1	39	971	125.99	155.48
NNAT	167.48	118.81	1.41	chr20	20q11.2-q12	33	567	439.32	311.34
ARMC9	175.45	124.55	1.41	chr2	2q37.1	77	1985	579.66	564.89
KLHL8	46.34	32.89	1.41	chr4	4q22.1	44	518	96.96	115.15
TOP2A	94.02	66.75	1.41	chr17	17q21-q22	59	1572	229.03	276.43
ZNF382	15.08	10.71	1.41	chr19	19q13.12	20	691	56.21	88.37
GNG13	41.18	29.24	1.41	chr16	16p13.3	21	465	85.08	446.58
ZNF625	39.06	27.74	1.41	chr19	19p13.2	38	704	43.99	71.10
Hs.606113	21.34	15.15	1.41	chr10	N/A	12	493	77.60	82.46
PRSS45	22.66	16.10	1.41	chr3	3p21.31	5	22	44.51	74.35
ADRA2C	78.90	56.06	1.41	chr4	4p16	31	555	87.33	143.72
Hs.656963	7.18	5.11	1.41	chr4	N/A	1	304	0.00	81.82
Hs.178393	112.39	79.87	1.41	chr17	N/A	15	450	97.98	135.47
Hs.192342	35.18	25.01	1.41	chr3	N/A	1	304	0.00	55.44
C7orf43	87.65	62.31	1.41	chr7	7q22.1	21	460	61.83	79.61
ERBB2	124.58	88.58	1.41	chr17	17q12	110	1849	107.97	139.78
MLLT11	381.93	271.56	1.41	chr1	1q21	30	580	148.33	201.80
Hs.498025	49.41	35.13	1.41	chr1	N/A	11	377	57.90	102.80
Hs.670198	11.47	8.16	1.41	chr15	N/A	1	304	0.00	54.21
C1C	262.46	186.65	1.41	chr19	19q13.2	31	624	164.06	136.47
Hs.658563	16.99	12.09	1.41	chr4	N/A	7	73	65.35	75.57
SLC2A8	71.97	51.20	1.41	chr9	9q33.3	56	971	98.71	167.79
Hs.657088	36.07	25.67	1.41	chr10	N/A	8	377	116.88	83.41
KLHL30	26.48	18.84	1.41	chr2	2q37.3	18	80	155.51	76.36
NINJ1	156.34	111.27	1.41	chr9	9q22	30	577	68.74	64.60
Hs.564587	24.08	17.14	1.40	chr13	N/A	3	66	55.48	74.24
MMP15	50.54	35.98	1.40	chr16	16q13	41	909	80.22	118.80
LOC100652772	76.54	54.49	1.40	chr5	N/A	8	377	98.31	66.77
KLHL34	45.91	32.69	1.40	chrX	Xp22.12	27	761	88.35	185.63
NUBPL	50.54	35.99	1.40	chr14	14q12	33	540	134.24	71.74
C4orf47	28.63	20.39	1.40	chr4	4q35.1	7	624	174.28	131.17
GSPT1	175.29	124.84	1.40	chr16	16p13.1	82	2406	149.09	121.85
Hs.657793	57.39	40.87	1.40	chr22	N/A	7	73	50.95	98.67
TMEM170B	54.62	38.91	1.40	chr6	6p24.2	10	393	147.28	99.14
USP9X	278.31	198.27	1.40	chrX	Xp11.4	67	1941	248.03	129.03
Hs.680109	11.40	8.12	1.40	chr3	N/A	11	332	42.79	86.18
ST6GAL2	29.05	20.70	1.40	chr2	2q11.2-q12.1	35	740	462.56	255.76
CNEPIR1	147.43	105.06	1.40	chr16	16q12.1	37	445	212.24	60.72
HMGCS1	146.64	104.50	1.40	chr5	5p14-p13	74	1335	537.94	129.19
TAX1BP1	346.43	246.88	1.40	chr7	7p15	73	1748	178.67	105.37
Hs.245092	28.43	20.27	1.40	chr16	N/A	1	304	0.00	77.27
Hs.657248	10.13	7.22	1.40	chr14	N/A	1	304	0.00	77.55
Hs.590848	20.18	14.39	1.40	chrX	N/A	1	304	0.00	50.43
NLRP8	59.60	42.51	1.40	chr19	19q13.43	17	332	184.82	50.03
DMP1	11.58	8.26	1.40	chr4	4q21	38	988	118.70	205.10
Hs.404304	17.70	12.63	1.40	chr2	N/A	1	330	0.00	74.12
TUBA3C	519.83	370.96	1.40	chr13	13q11	32	611	137.65	217.90
CREM	86.11	61.45	1.40	chr10	10p11.21	108	2793	229.98	259.88
TBCE	98.66	70.41	1.40	chr1	1q42.3	45	1070	66.28	85.61
Hs.714857	29.23	20.86	1.40	chr10	N/A	1	304	0.00	96.35
Hs.733648	31.64	22.59	1.40	chr13	N/A	8	377	60.79	101.46
MRPL48	258.65	184.65	1.40	chr11	11q13.4	37	658	134.61	153.90
Hs.634973	10.34	7.39	1.40	chr4	N/A	8	377	73.75	120.90
RFX3	29.66	21.18	1.40	chr9	9p24.2	87	1359	311.80	106.83
DHRS4	178.07	127.22	1.40	chr14	14q11.2	30	590	126.82	79.05
SDHAF1	131.73	94.13	1.40	chr19	19q13.12	18	867	91.29	64.31
TOP3B	71.20	50.88	1.40	chr22	22q11.22	48	805	336.05	322.15
UBB	2,944.03	2,104.34	1.40	chr17	17p12-p11.2	56	1004	78.92	96.31
UBE2F	124.58	89.05	1.40	chr2	2q37.3	53	1585	111.24	62.87
KIAA1279	147.01	105.09	1.40	chr10	10q22.1	40	645	126.58	67.20
Hs.729510	66.10	47.25	1.40	chrX	N/A	1	304	0.00	40.41
GPAT2	48.57	34.72	1.40	chr2	2q11.1	30	360	76.04	91.05
POP7	162.19	115.96	1.40	chr7	7q22	30	577	90.27	81.06
Hs.385753	9.54	6.82	1.40	chr10	N/A	1	304	0.00	75.75
LIPE	170.60	121.99	1.40	chr19	19q13.2	39	684	111.54	186.22
SEMA3B	84.81	60.65	1.40	chr3	3p21.3	41	952	112.12	191.88

PSMA1	592.33	423.67	1.40	chr11	11p15.1	61	1504	123.45	111.10
Hs.659224	94.47	67.60	1.40	chr15	N/A	15	450	221.27	407.91
ZFYVE19	97.39	69.69	1.40	chr15	15q15.1	35	594	169.37	97.97
TMEM217	27.66	19.79	1.40	chr6	6p21.2	37	435	125.60	144.77
Hs.713733	220.33	157.69	1.40	chr8	N/A	7	73	120.04	87.76
PCDHB11	21.88	15.66	1.40	chr5	5q31	26	493	88.08	119.91
CCSER2	118.52	84.86	1.40	chr10	10q23.1	61	1819	101.10	148.98
CPEB4	172.51	123.53	1.40	chr5	5q21	72	1722	115.54	112.67
AFAP1L1	73.17	52.40	1.40	chr5	5q32	46	915	123.74	111.57
Hs.460617	220.09	157.61	1.40	chr16	N/A	5	425	39.77	44.43
Hs.597465	36.79	26.35	1.40	chr7	N/A	7	73	83.67	69.64
FAM96B	447.74	320.70	1.40	chr16	16q22.1	28	533	52.49	47.63
Hs.595139	10.62	7.61	1.40	chr2	N/A	1	304	0.00	78.90
LOC158434	14.30	10.24	1.40	chr9	9q22.33	1	304	0.00	91.32
XIRP2	189.89	136.07	1.40	chr2	2q24.3	53	481	147.15	432.18
KLHL3	73.95	52.99	1.40	chr5	5q31	37	842	127.14	110.61
Hs.664107	19.52	13.99	1.40	chr2	N/A	7	73	118.18	72.00
NECAB1	35.18	25.22	1.40	chr8	8q21.3	41	543	194.01	200.05
GATA3-AS1	15.36	11.01	1.40	chr10	10p14	5	608	81.41	107.02
Hs.663256	37.37	26.79	1.39	chr1	N/A	1	304	0.00	38.44
GNPAT	276.05	197.89	1.39	chr1	1q42	29	577	102.71	67.49
RAC3	46.28	33.18	1.39	chr17	17q25.3	33	565	183.11	158.15
SYT4	108.32	77.68	1.39	chr18	18q12.3	33	535	463.71	228.72
ZBTB17	70.66	50.67	1.39	chr1	1p36.13	35	997	73.07	72.40
Hs.594199	59.89	42.95	1.39	chr6	N/A	8	377	120.47	350.24
Hs.659398	10.11	7.25	1.39	chr15	N/A	5	674	65.52	92.38
PTBP2	98.48	70.62	1.39	chr1	1p21.3	55	1038	442.52	120.32
MED24	74.03	53.09	1.39	chr17	17q21.1	40	1031	85.73	86.47
MGC39545	8.32	5.97	1.39	chr11	11q24.2	17	347	93.29	78.53
Hs.673552	40.70	29.21	1.39	chr14	N/A	1	304	0.00	51.35
C6orf164	19.78	14.20	1.39	chr6	6q15-q16.1	12	409	75.32	131.18
Hs.710657	27.11	19.46	1.39	chr2	N/A	2	22	27.03	90.96
COL19A1	19.24	13.82	1.39	chr6	6q12-q13	28	543	145.24	106.01
Hs.674465	23.18	16.64	1.39	chr5	N/A	1	304	0.00	47.02
TMEM185A	71.73	51.51	1.39	chrX	Xq28	71	1200	125.20	91.32
Hs.552684	9.74	7.00	1.39	chr13	N/A	4	304	42.79	78.01
C2orf15	8.76	6.29	1.39	chr2	2q11.2	17	343	76.74	104.87
Hs.112662	29.38	21.11	1.39	chr10	N/A	10	73	133.85	99.69
Hs.674246	20.57	14.78	1.39	chr4	N/A	1	304	0.00	63.65
PWP2	57.41	41.26	1.39	chr21	21q22.3	32	1186	132.53	81.38
IRX3	343.98	247.23	1.39	chr16	16q12.2	50	641	178.11	164.26
Hs.743587	198.26	142.52	1.39	chr18	N/A	7	73	104.61	75.05
OR10A5	35.64	25.62	1.39	chr11	11p15.4	14	332	70.07	59.49
Hs.128352	14.30	10.28	1.39	chr19	N/A	18	405	131.77	85.51
MAPK9	125.81	90.46	1.39	chr5	5q35	62	1547	183.50	90.07
FAM173A	87.10	62.63	1.39	chr16	16p13.3	24	472	62.43	60.70
PLTP	364.82	262.33	1.39	chr20	20q13.12	38	628	171.45	118.46
TYSND1	49.90	35.88	1.39	chr10	10q22.1	35	1363	250.72	78.19
PALM3	52.65	37.86	1.39	chr19	19p13.12	10	393	239.21	125.67
Hs.665285	16.13	11.60	1.39	chr2	N/A	7	73	197.68	57.82
PLEKHF1	100.76	72.47	1.39	chr19	19q12	48	589	100.25	80.40
PDZRN3	103.56	74.50	1.39	chr3	3p13	53	892	137.49	146.14
Hs.504187	129.78	93.36	1.39	chr11	N/A	8	377	176.91	135.63
MAGEB1	15.59	11.21	1.39	chrX	Xp21.3	29	503	93.29	96.26
KISS1	19.57	14.08	1.39	chr1	1q32	27	573	67.76	116.03
SH3GLB1	349.19	251.31	1.39	chr1	1p22	68	1716	98.81	114.72
GLP2R	14.65	10.54	1.39	chr17	17p13.3	31	482	83.83	77.11
PPP1R13B	79.99	57.58	1.39	chr14	14q32.33	44	718	213.41	70.15
TMEM160	78.70	56.65	1.39	chr19	19q13.32	28	533	81.90	66.79
CBY1	117.58	84.65	1.39	chr22	22q12	37	864	136.17	94.65
Hs.536154	20.50	14.76	1.39	chr10	N/A	8	377	65.88	131.47
RIMKLA	36.32	26.16	1.39	chr1	1p34.2	34	1401	82.07	109.98
Hs.386207	8.29	5.97	1.39	chr4	N/A	5	22	46.70	78.53
SOBP	66.39	47.83	1.39	chr6	6q21	51	2798	87.49	149.76
Hs.205742	25.56	18.42	1.39	chr8	N/A	8	377	108.55	92.17
PRUNE	93.62	67.47	1.39	chr1	1q21	60	1856	160.48	94.72
Hs.597821	328.81	236.98	1.39	chr7	N/A	14	146	174.18	248.01
RAB40B	107.49	77.47	1.39	chr17	17q25.3	54	1194	161.43	130.23
Hs.135536	18.01	12.98	1.39	chrX	N/A	10	73	76.96	167.31
GFI1B	43.31	31.21	1.39	chr9	9q34.13	39	867	111.13	212.90
MPV17	113.15	81.56	1.39	chr2	2p23.3	38	591	77.20	60.65
Hs.499297	82.17	59.24	1.39	chr10	N/A	14	146	192.36	131.73
MAPRE2	172.71	124.55	1.39	chr18	18q12.1	69	1642	127.40	137.33
C11orf40	9.07	6.54	1.39	chr11	11p15.5	17	333	58.66	93.82
TPTE2	9.43	6.80	1.39	chr13	13q12.11	22	29	155.60	90.05
OR5111	54.14	39.07	1.39	chr11	11p15.4	9	356	191.50	44.33
OR5J2	19.72	14.23	1.39	chr11	11q11	10	660	158.71	150.82
RHOBTB2	52.19	37.66	1.39	chr8	8p21.3	31	886	91.31	91.31
Hs.656663	14.89	10.75	1.39	chr2	N/A	24	560	102.93	80.31
ACO1	179.62	129.67	1.39	chr9	9p21.1	61	824	152.95	97.79
IK	202.73	146.37	1.39	chr5	5q31.3	72	1196	67.12	141.17
RNMT	87.44	63.14	1.38	chr18	18p11.21	45	1034	201.71	101.58
C7orf73	161.75	116.83	1.38	chr7	7q33	28	1755	122.95	134.15
TAS2R43	14.45	10.44	1.38	chr12	12p13.2	16	28	85.34	38.62
Hs.594438	71.44	51.61	1.38	chr11	N/A	7	73	107.02	131.30
STX8	161.38	116.59	1.38	chr17	17p12	38	984	155.52	135.56
STAU2-AS1	44.84	32.40	1.38	chr8	8q21.11	1	304	0.00	45.59
WNT2B	34.26	24.77	1.38	chr1	1p13	31	921	155.04	52.95
TRIM8	162.76	117.66	1.38	chr10	10q24.3	42	1868	136.00	115.42
Hs.664643	11.40	8.24	1.38	chr13	N/A	7	73	146.29	69.87
Hs.494321	33.85	24.47	1.38	chr9	N/A	18	405	161.06	202.79
Hs.660513	131.42	95.03	1.38	chr3	N/A	1	304	0.00	292.18
MRPS33	240.75	174.13	1.38	chr7	7q34	41	672	83.83	76.96

Hs.105635	825.00	596.86	1.38	chr6	N/A	7	73	56.34	63.13
OPN1MW	19.51	14.11	1.38	chrX	Xq28	21	453	76.87	113.11
THOC5	65.09	47.10	1.38	chr22	22q12.2	48	1013	145.04	92.75
Hs.659450	11.04	7.99	1.38	chr16	N/A	2	22	19.20	78.78
ARHGAP8	66.04	47.80	1.38	chr22	22q13.31	43	1314	266.78	141.68
NRK	36.97	26.76	1.38	chrX	Xq22.3	38	955	319.53	291.00
COQ5	196.83	142.52	1.38	chr12	12q24.31	23	469	93.98	68.20
Hs.98588	22.57	16.35	1.38	chr12	N/A	21	405	110.62	135.88
Hs.102923	12.16	8.81	1.38	chr10	N/A	7	73	57.47	65.58
Hs.657074	57.28	41.51	1.38	chr7	N/A	24	539	144.25	150.67
Hs.732685	11,683.91	8,468.30	1.38	chr11	N/A	1	304	0.00	38.16
TSPAN10	107.66	78.05	1.38	chr17	17q25.3	29	417	81.98	176.37
SLC25A42	39.49	28.64	1.38	chr19	19p13.11	68	1816	192.04	133.29
WSB2	347.41	251.90	1.38	chr12	12q24.23	40	643	242.88	90.27
CFD	985.40	714.62	1.38	chr19	19p13.3	39	685	80.29	161.35
SSNA1	164.75	119.49	1.38	chr9	9q34.3	42	657	118.27	60.08
NPBWR1	30.36	22.02	1.38	chr8	8p22-q21.13	17	344	81.54	109.81
Hs.667847	23.14	16.79	1.38	chr8	N/A	3	66	118.76	88.16
ZNF501	23.64	17.16	1.38	chr3	3p21.31	34	467	178.73	94.61
TMEM187	71.12	51.62	1.38	chrX	Xq28	30	576	95.52	68.24
Hs.635113	30.50	22.14	1.38	chr12	N/A	3	66	139.37	120.04
Hs.570393	12.08	8.77	1.38	chr20	N/A	3	66	124.33	85.15
FASTKD2	63.03	45.77	1.38	chr2	2q33.3	47	1346	79.94	71.88
IGSF9B	48.04	34.88	1.38	chr11	11q25	19	1007	129.96	120.74
Hs.674410	57.92	42.06	1.38	chr1	N/A	1	304	0.00	54.99
GAMT	151.16	109.78	1.38	chr19	19p13.3	51	1225	106.70	138.47
NAG20	12.21	8.87	1.38	chr7	7q33	10	28	43.38	58.16
C5orf28	82.69	60.09	1.38	chr5	5p12	32	834	210.04	159.44
TNR	44.09	32.04	1.38	chr1	1q24	24	796	115.17	83.20
OR4F4	8.04	5.85	1.38	chr15	15q26.3	16	28	42.48	41.16
GABRE	105.76	76.87	1.38	chrX	Xq28	43	650	108.67	108.86
Hs.132545	12.38	9.00	1.38	chr17	N/A	24	219	120.70	99.10
SACS	96.89	70.46	1.38	chr13	13q12	55	724	428.23	194.12
GPX3	1,554.29	1,130.42	1.37	chr5	5q23	42	1070	91.35	146.05
GCOM1	20.40	14.84	1.37	chr15	15q21.3	14	52	93.48	105.81
Hs.744460	64.05	46.59	1.37	chr9	N/A	1	304	0.00	158.51
Hs.554271	6.05	4.40	1.37	chr4	N/A	1	304	0.00	85.16
Hs.659412	192.48	140.02	1.37	chr1	N/A	1	304	0.00	71.10
PRICKLE3	30.24	22.00	1.37	chrX	Xp11.23	30	566	202.68	75.14
Hs.570211	31.76	23.11	1.37	chr2	N/A	1	304	0.00	62.20
MAPKAPK5	55.84	40.62	1.37	chr12	12q24.13	44	1110	80.41	68.46
KIAA2022	43.13	31.38	1.37	chrX	Xq13.3	48	1166	353.73	268.33
Hs.128068	15.02	10.93	1.37	chr13	N/A	6	66	53.28	108.55
Hs.667657	41.78	30.41	1.37	chr2	N/A	3	66	55.49	155.45
SHROOM4	47.07	34.26	1.37	chrX	Xp11.22	30	769	168.89	128.44
Hs.369398	20.49	14.92	1.37	chr15	N/A	15	636	72.63	62.74
Hs.657814	13.32	9.70	1.37	chr19	N/A	3	320	52.53	76.75
Hs.660960	42.71	31.09	1.37	chr12	N/A	8	377	65.35	95.53
PEX2	137.18	99.87	1.37	chr8	8q21.1	61	1455	150.08	260.50
MSRA	114.71	83.51	1.37	chr8	8p23.1	46	973	105.87	138.41
Hs.659234	62.01	45.15	1.37	chr11	N/A	3	66	160.44	55.14
PCBP1	1,146.29	834.64	1.37	chr2	2p13-p12	39	605	114.79	108.58
Hs.562070	19.48	14.18	1.37	chrX	N/A	4	304	58.49	45.38
URM1	116.83	85.09	1.37	chr9	9q34.11	58	1005	144.28	83.15
PXMP2	157.92	115.03	1.37	chr12	12q24.33	44	572	108.77	115.94
Hs.536125	15.96	11.63	1.37	chr1	N/A	8	51	86.19	97.31
Hs.657085	23.33	17.00	1.37	chr7	N/A	7	370	42.43	85.47
MCM8	37.36	27.22	1.37	chr20	20p12.3	43	800	232.95	67.56
Hs.436053	6.24	4.54	1.37	chr7	N/A	14	332	105.28	78.60
Hs.659214	19.69	14.35	1.37	chr8	N/A	3	66	65.75	87.95
MRPS28	185.27	135.03	1.37	chr8	8q21.1-q21.2	35	606	82.29	103.99
LOC645188	10.21	7.44	1.37	chrX	Xq27.2	1	304	0.00	86.00
PGRMC2	180.66	131.68	1.37	chr4	4q26	60	1110	120.59	76.79
OR6B3	35.86	26.14	1.37	chr2	2q37.3	8	52	58.74	96.39
DSG4	9.30	6.78	1.37	chr18	18q12.1	17	332	52.19	64.20
Hs.596942	64.34	46.93	1.37	chr2	N/A	7	73	46.38	117.86
CCDC28B	42.07	30.68	1.37	chr1	1p36.11-p34.2	43	1025	86.75	126.45
FAM63B	35.50	25.89	1.37	chr15	15q21.3	40	997	73.21	112.07
NUDT7	39.64	28.91	1.37	chr16	16q23.1	13	1160	188.30	93.55
Hs.128287	12.80	9.33	1.37	chr18	N/A	8	22	63.79	56.93
Hs.355225	29.58	21.58	1.37	chr6	N/A	1	304	0.00	43.16
AKR7A2	259.38	189.22	1.37	chr1	1p36.13	35	1021	82.91	56.27
Hs.664744	20.03	14.61	1.37	chr2	N/A	4	370	25.71	53.03
Hs.306598	8.63	6.30	1.37	chr2	N/A	1	304	0.00	77.54
PCCB	142.91	104.27	1.37	chr3	3q21-q22	57	704	144.01	68.32
A2M-AS1	67.01	48.90	1.37	chr12	12p13.31	1	304	0.00	47.79
LOC286177	9.22	6.73	1.37	chr8	8q12.1	4	305	56.17	83.88
SERF1B	81.87	59.74	1.37	chr5	5q13.2	44	566	80.15	94.77
Hs.649388	24.64	17.98	1.37	chr14	N/A	7	73	69.12	118.74
C16orf87	37.48	27.35	1.37	chr16	16q11.2	27	761	71.75	100.57
HIST1H2AI	39.89	29.12	1.37	chr6	6p22.1	8	437	67.83	82.87
Hs.535775	36.24	26.46	1.37	chr5	N/A	15	450	118.87	175.36
Hs.597612	206.89	151.16	1.37	chr9	N/A	7	73	157.97	53.70
Hs.666388	30.96	22.63	1.37	chr3	N/A	2	22	19.09	58.76
RBFA	83.38	60.95	1.37	chr18	18q23	21	764	42.61	64.57
NOX3	6.26	4.57	1.37	chr6	6q25.3	21	453	76.66	58.88
Hs.307606	14.99	10.96	1.37	chr5	N/A	5	22	26.26	94.71
Hs.733524	76.62	56.02	1.37	chr5	N/A	1	304	0.00	45.43
ENTPD3-AS1	18.85	13.79	1.37	chr3	3p21.33	10	399	71.07	146.06
Hs.709488	58.91	43.09	1.37	chr16	N/A	8	377	92.89	74.45
MRPL17	111.01	81.21	1.37	chr11	11p15.5-p15.4	28	550	123.00	51.67
VWA8-AS1	9.34	6.84	1.37	chr13	N/A	7	633	60.99	96.71
EDDM3A	14.49	10.61	1.37	chr14	14q11.2	35	1383	123.79	124.25

ZNF658	48.64	35.60	1.37	chr9	9p13.1	43	465	121.15	131.24
SAP30L	61.85	45.26	1.37	chr5	5q33.2	50	1242	72.48	107.11
TMEM136	64.96	47.55	1.37	chr11	11q23.3	35	1146	89.55	118.00
TSPO2	51.17	37.46	1.37	chr6	6p21.1	17	532	156.50	162.08
PICALM	190.41	139.39	1.37	chr11	11q14	96	2584	263.58	213.87
FFAR2	19.59	14.34	1.37	chr19	19q13.1	21	453	87.95	117.02
PSMB1	659.94	483.22	1.37	chr6	6q27	50	1445	77.57	86.72
FRMD3	94.63	69.32	1.37	chr9	9q21.32	43	1136	126.79	111.43
Hs.733718	15.78	11.56	1.36	chr5	N/A	1	304	0.00	75.45
CNN1	515.53	377.70	1.36	chr19	19p13.2-p13.1	30	573	157.34	185.70
CD59	695.91	509.88	1.36	chr11	11p13	106	2639	183.55	161.76
C7orf61	50.78	37.21	1.36	chr7	7q22.1	17	343	104.23	93.36
Hs.560324	9.62	7.05	1.36	chr15	N/A	4	304	51.18	71.13
Hs.663909	47.53	34.84	1.36	chr20	N/A	14	146	119.82	102.14
DNAJB6	194.57	142.61	1.36	chr7	7q36.3	84	1625	148.65	83.98
MYH9	591.52	433.56	1.36	chr22	22q13.1	50	674	136.40	135.36
Hs.443420	62.80	46.03	1.36	chr5	N/A	8	377	41.65	133.41
Hs.658352	28.69	21.03	1.36	chr6	N/A	1	304	0.00	73.47
C22orf15	34.63	25.39	1.36	chr22	22q11.23	28	678	77.85	105.09
AP2S1	371.52	272.47	1.36	chr19	19q13.2-q13.3	43	1417	153.22	63.04
TBC1D3B	14.55	10.67	1.36	chr17	17q12	11	16	78.29	87.83
Hs.7415	18.37	13.48	1.36	chr13	N/A	4	304	50.27	48.60
WDR62	41.24	30.26	1.36	chr19	19q13.12	45	1196	141.48	130.05
C3orf79	10.87	7.97	1.36	chr3	3q25.2	8	377	73.26	87.88
SNX22	191.07	140.21	1.36	chr15	15q22.31	26	1092	192.70	310.89
Hs.572345	27.43	20.14	1.36	chr15	N/A	8	377	158.17	57.45
LOC284788	18.13	13.31	1.36	chr20	20p11.21	4	304	65.26	65.67
AS3MT	78.08	57.31	1.36	chr10	10q24.32	19	384	39.20	98.04
ULBP3	10.25	7.53	1.36	chr6	6q25	17	335	60.86	71.28
VEGFC	68.93	50.62	1.36	chr4	4q34.3	40	630	102.04	122.82
SUCLA2	204.66	150.33	1.36	chr13	13q12.2-q13.3	43	605	103.92	122.31
NLRP3	12.76	9.38	1.36	chr1	1q44	39	1339	88.19	96.81
NDRG2	387.48	284.61	1.36	chr14	14q11.2	58	1496	132.04	187.95
CDK9	77.82	57.17	1.36	chr9	9q34.1	68	1468	118.01	108.15
NME4	273.21	200.75	1.36	chr16	16p13.3	30	589	100.58	73.18
TMEM38B	86.95	63.90	1.36	chr9	9q31.2	57	1324	101.36	129.47
FLJ10038	40.44	29.72	1.36	chr15	15q21.2	36	1634	103.25	107.73
GLRB	41.75	30.69	1.36	chr4	4q31.3	50	1446	108.47	118.06
Hs.662373	31.45	23.12	1.36	chr14	N/A	1	304	0.00	61.47
Hs.481068	24.20	17.79	1.36	chr4	N/A	18	405	132.50	109.07
GTPBP4	126.75	93.19	1.36	chr10	10p15-p14	33	958	92.70	67.37
Hs.668045	9.57	7.04	1.36	chr17	N/A	2	22	6.38	74.31
MIER2	60.02	44.14	1.36	chr19	19p13.3	48	1401	112.93	78.22
SERP1	197.12	144.96	1.36	chr8	8p11.21	58	1829	111.51	199.26
LYRM5	145.97	107.36	1.36	chr12	12p12.1	15	636	122.40	113.56
Hs.661720	5.02	3.69	1.36	chr3	N/A	2	16	55.14	40.73
WFDC9	29.55	21.74	1.36	chr20	20q13.12	18	636	92.92	61.19
Hs.649971	10.78	7.93	1.36	chr9	N/A	12	328	104.99	169.85
Hs.539639	11.41	8.40	1.36	chr13	N/A	10	73	77.59	126.78
TICAM2	87.06	64.07	1.36	chr5	5q23.1	67	1388	237.11	96.39
Hs.714386	485.84	357.56	1.36	chr4	N/A	7	73	70.15	72.24
Hs.386790	14.71	10.82	1.36	chr7	N/A	7	73	37.22	64.72
LINC00615	7.72	5.68	1.36	chr12	12q21.33	15	317	120.25	79.05
HOXB1	43.41	31.96	1.36	chr17	17q21.3	23	504	151.34	89.80
Hs.667061	26.55	19.55	1.36	chr14	N/A	10	332	44.50	85.40
PINK1	300.12	221.00	1.36	chr1	1p36	51	1177	86.34	86.26
Hs.407480	13.37	9.85	1.36	chr4	N/A	1	304	0.00	55.87
GRPEL1	127.84	94.16	1.36	chr4	4p16	59	1178	147.35	66.67
Hs.713858	209.09	154.01	1.36	chr12	N/A	5	51	62.13	50.86
SPRYD7	58.26	42.92	1.36	chr13	13q14	49	630	90.57	71.41
Hs.61596	7.75	5.71	1.36	chr10	N/A	4	304	30.77	82.08
Hs.130439	12.70	9.36	1.36	chr4	N/A	7	73	63.44	79.79
Hs.552421	10.67	7.87	1.36	chr17	N/A	6	66	60.26	72.52
LNX1-AS2	12.27	9.05	1.36	chr4	N/A	13	73	59.21	64.86
HEATR5B	96.45	71.13	1.36	chr2	2p22.2	41	950	134.07	83.34
CCT8	298.25	220.02	1.36	chr21	21q22.11	66	1177	268.29	133.53
CCDC102A	49.69	36.67	1.36	chr16	16q21	19	400	72.12	80.27
MIA2	20.08	14.83	1.35	chr14	14q13.2	38	789	288.63	114.65
AVPR2	22.98	16.97	1.35	chrX	Xq28	37	935	67.95	78.61
MAGEB18	5.98	4.41	1.35	chrX	Xp21.3	17	332	95.43	99.44
Hs.590590	151.31	111.76	1.35	chr8	N/A	7	73	46.92	106.11
ZNF736	14.22	10.51	1.35	chr7	7q11.21	1	306	0.00	74.56
DCTN6	269.48	199.12	1.35	chr8	8p12-p11	43	605	211.72	105.18
Hs.633940	390.50	288.54	1.35	chr19	N/A	7	73	134.95	182.55
RPUSD1	114.94	84.94	1.35	chr16	16p13.3	26	465	129.66	92.60
C1orf105	51.99	38.42	1.35	chr1	1q24.3	30	564	147.34	126.21
BIVM	57.13	42.22	1.35	chr13	13q33.1	47	1830	101.35	124.49
MGMT	90.15	66.66	1.35	chr10	10q26	34	638	83.69	70.85
ANKRD65	57.40	42.44	1.35	chr1	1p36.33	23	978	97.75	82.78
FAM117B	46.94	34.71	1.35	chr2	2q33.2	43	1513	353.79	81.02
Hs.129547	22.20	16.42	1.35	chr18	N/A	10	73	72.68	98.46
L2HGDH	32.31	23.91	1.35	chr14	14q21.3	23	1068	115.33	65.55
SPATS2L	154.67	114.44	1.35	chr2	2q33.1	45	1960	102.68	150.78
Hs.663241	28.34	20.97	1.35	chr7	N/A	8	377	94.99	127.12
AGTPBP1	75.98	56.22	1.35	chr9	9q21.33	55	1103	116.22	122.33
Hs.666452	25.76	19.06	1.35	chr14	N/A	7	73	59.08	62.19
TMEM184B	143.82	106.45	1.35	chr22	22q12	39	696	89.55	76.39
GABRD	43.86	32.47	1.35	chr1	1p36.3	51	977	163.38	167.09
MBTPS1	164.37	121.69	1.35	chr16	16q24	58	1053	99.04	65.32
LOC100505495	102.57	75.95	1.35	chr19	N/A	15	450	212.18	146.18
PLCE1	33.06	24.48	1.35	chr10	10q23	32	1952	75.36	78.09
Hs.701237	198.41	146.93	1.35	chr1	N/A	7	73	101.72	115.75
ZNF792	23.14	17.14	1.35	chr19	19q13.11	26	468	102.49	107.99

LINC00478	69.21	51.26	1.35	chr21	21q21.1	45	814	95.36	115.37
TGFBFR2	279.79	207.21	1.35	chr3	3p22	63	1141	141.78	144.03
MEOX1	55.94	41.43	1.35	chr17	17q21	36	565	109.54	114.58
Hs.232534	18.05	13.37	1.35	chr1	N/A	12	639	180.22	83.00
DYNLL2	108.18	80.12	1.35	chr17	17q22	26	469	73.89	193.84
Hs.598765	54.65	40.48	1.35	chr1	N/A	5	51	84.11	124.05
RTCB	239.37	177.31	1.35	chr22	22q12	41	909	56.42	85.88
TEKT5	20.66	15.31	1.35	chr16	16p13.13	20	688	126.49	138.02
INIP	90.75	67.24	1.35	chr9	9q32	40	801	261.76	93.18
UBALD2	121.27	89.85	1.35	chr17	17q25.1	21	417	74.41	73.01
Hs.633652	31.49	23.33	1.35	chr15	N/A	8	377	122.07	91.49
KLHL24	170.32	126.20	1.35	chr3	3q27.1	71	2240	157.59	134.81
Hs.602751	22.49	16.67	1.35	chr8	N/A	2	22	81.32	88.34
POLR3K	73.33	54.35	1.35	chr16	16p13.3	29	842	54.94	87.20
GTDC2	137.16	101.65	1.35	chr3	3p22.1	27	372	65.15	86.18
TMEM135	77.02	57.08	1.35	chr11	11q14.2	56	966	205.86	139.74
Hs.666166	25.72	19.07	1.35	chr15	N/A	2	16	75.98	37.60
SH2B3	108.41	80.37	1.35	chr12	12q24	47	678	194.37	71.40
CCDC12	198.38	147.08	1.35	chr3	3p21.31	26	469	86.89	59.10
BOLA1	69.32	51.40	1.35	chr1	1q21	28	533	71.58	83.40
MED30	62.20	46.12	1.35	chr8	8q24.11	19	952	100.88	82.16
GPR37L1	29.28	21.72	1.35	chr1	1q32.1	23	504	72.49	100.47
DUSP23	147.93	109.71	1.35	chr1	1q23.2	19	384	95.39	107.92
Hs.659485	27.30	20.25	1.35	chr12	N/A	7	73	135.06	79.45
KPNA5	48.38	35.89	1.35	chr6	6q22.1	39	684	321.43	412.10
HIST1H4F	22.66	16.82	1.35	chr6	6p22.1	21	465	129.10	187.52
Hs.105902	202.38	150.24	1.35	chr4	N/A	8	377	119.07	244.50
SLC30A9	142.23	105.61	1.35	chr4	4p13	36	932	117.91	172.50
LOC100507581	22.68	16.84	1.35	chr2	N/A	10	73	204.60	74.31
SLC1A2	69.89	51.90	1.35	chr11	11p13-p12	60	1614	507.53	409.40
IQGAP3	37.09	27.54	1.35	chr1	1q21.3	33	1505	115.25	124.33
LINC00184	30.15	22.40	1.35	chr1	1q42.3	2	608	0.26	63.59
CRH	28.50	21.17	1.35	chr8	8q13	35	989	215.79	143.46
SPRY3	44.51	33.08	1.35	chrX	Xq28 and Yq1.	36	473	257.39	149.46
PTPN1	64.94	48.28	1.35	chr20	20q13.1-q13.2	74	2030	141.88	141.31
MID1IP1	226.36	168.29	1.35	chrX	Xp11.4	31	532	312.47	64.14
RXFP3	9.57	7.12	1.34	chr5	5p15.1-p14	21	455	53.46	77.84
USO1	329.42	244.93	1.34	chr4	4q21.1	35	997	132.33	103.17
LOC100129516	24.65	18.33	1.34	chr3	3q29	16	389	94.50	83.41
GPBAR1	38.52	28.65	1.34	chr2	2q35	19	396	88.42	84.54
Hs.190261	23.38	17.39	1.34	chr8	N/A	7	304	60.67	72.87
CD320	112.23	83.48	1.34	chr19	19p13.3-p13.2	28	526	96.21	71.09
Hs.680609	10.91	8.12	1.34	chr22	N/A	10	28	38.46	37.81
PRMT1	211.70	157.54	1.34	chr19	19q13.3	37	881	98.36	94.87
Hs.667582	53.50	39.82	1.34	chr14	N/A	1	304	0.00	42.50
IFITM2	1,201.40	894.26	1.34	chr11	11p15.5	35	628	84.97	82.11
GATM-AS1	7.73	5.76	1.34	chr15	15q15.1	3	913	106.54	89.81
Hs.665536	8.21	6.11	1.34	chr2	N/A	1	304	0.00	76.65
PCDHB15	20.61	15.35	1.34	chr5	5q31	24	405	155.46	98.16
CACTIN	70.04	52.17	1.34	chr19	19p13.3	80	2290	240.43	82.05
Hs.731689	23.74	17.68	1.34	chr12	N/A	12	510	92.23	107.88
Hs.688325	17.59	13.10	1.34	chrY	N/A	2	16	95.19	35.31
SLC16A2	117.47	87.51	1.34	chrX	Xq13.2	30	577	165.86	151.04
LOC441124	73.17	54.51	1.34	chr1	1q42.11	34	433	102.86	80.61
Hs.133916	246.12	183.36	1.34	chr4	N/A	1	304	0.00	113.59
RPL31	1,343.89	1,001.24	1.34	chr2	2q11.2	77	2216	106.07	171.89
C15orf57	50.66	37.75	1.34	chr15	15q15.1	43	1670	126.37	88.17
C2CD3	54.64	40.71	1.34	chr11	11q13.4	46	918	235.95	286.29
ECHS1	764.25	569.45	1.34	chr10	10q26.2-q26.3	30	589	39.56	101.72
CREB3L1	94.83	70.66	1.34	chr11	11p11.2	40	1035	127.81	160.21
Hs.434593	10.52	7.84	1.34	chr9	N/A	4	304	57.71	57.84
ZNF184	57.80	43.08	1.34	chr6	6p21.3	35	632	256.91	115.04
Hs.506258	56.86	42.39	1.34	chr3	N/A	21	373	95.88	67.55
Hs.144479	26.82	20.00	1.34	chr5	N/A	4	304	7.77	118.34
GNPMB	334.35	249.30	1.34	chr7	7p15	58	1055	103.16	161.60
ZNF616	21.08	15.72	1.34	chr19	19q13.41	37	818	198.36	140.69
Hs.21703	17.38	12.96	1.34	chr7	N/A	5	51	164.44	92.34
EXOG	31.17	23.25	1.34	chr3	3p21.3	76	1669	160.29	206.09
C9orf163	87.99	65.64	1.34	chr9	9q34.3	17	339	102.29	86.67
NXPE3	50.13	37.40	1.34	chr3	3q12.3	28	1484	58.03	95.98
Hs.683607	61.01	45.53	1.34	chr5	N/A	8	377	169.15	143.64
Hs.721201	65.33	48.75	1.34	chr10	N/A	10	28	40.18	44.44
CTU2	40.53	30.24	1.34	chr16	16q24.3	34	1373	223.92	98.15
Hs.680104	9.34	6.97	1.34	chr12	N/A	1	304	0.00	77.09
Hs.12548	5.17	3.86	1.34	chr3	N/A	4	304	60.21	76.16
TMEM65	57.50	42.92	1.34	chr8	8q24.13	27	761	111.31	67.16
FAM46A	261.79	195.40	1.34	chr6	6q14	61	1499	134.81	198.54
Hs.667844	36.34	27.13	1.34	chr11	N/A	1	304	0.00	61.76
FBXO3	71.68	53.51	1.34	chr11	11p13	106	2203	138.77	130.33
B3GNT1	193.68	144.59	1.34	chr11	11q13.2	31	893	76.08	152.24
Hs.718609	472.45	352.75	1.34	chr1	N/A	7	73	204.15	80.21
SKOR2	73.43	54.83	1.34	chr18	18q21.1	2	52	16.10	51.60
RQCD1	73.75	55.07	1.34	chr2	2q35	63	2565	161.05	166.40
ALDH2	1,027.10	767.00	1.34	chr12	12q24.2	38	583	94.70	106.19
PPP2R3C	71.51	53.40	1.34	chr14	14q13.2	43	1280	89.28	112.60
TRAPPC13	38.48	28.74	1.34	chr5	5q12.3	50	1287	86.14	132.59
ANKRD46	176.99	132.21	1.34	chr8	8q22.2	30	572	172.72	65.46
Hs.380362	12.87	9.61	1.34	chr10	N/A	4	305	76.69	60.99
OTOL1	7.38	5.51	1.34	chr3	3q26.1	5	16	40.94	63.09
PLA2G2A	546.06	408.02	1.34	chr1	1p35	32	612	218.29	256.42
IDH3G	159.54	119.22	1.34	chrX	Xq28	38	1009	107.00	64.96
Hs.723368	847.12	633.04	1.34	chr12	N/A	1	304	0.00	49.08
CLASP2	95.06	71.04	1.34	chr3	3p22.3	86	2543	294.35	118.10

NPR3	60.76	45.41	1.34	chr5	5p14-p13	80	1620	94.85	147.65
MAGEL2	33.39	24.96	1.34	chr15	15q11-q12	21	454	96.54	101.13
Hs.673190	23.03	17.21	1.34	chrX	N/A	8	377	123.63	158.59
PCID2	147.02	109.91	1.34	chr13	13q34	39	865	152.79	68.22
CRHR2	53.95	40.33	1.34	chr7	7p14.3	42	1018	91.52	381.26
Hs.657419	253.83	189.79	1.34	chr13	N/A	8	377	91.28	126.22
SPRY4	79.02	59.09	1.34	chr5	5q31.3	44	1010	140.17	128.30
KLHL41	300.11	224.41	1.34	chr2	2q31.1	32	838	60.62	347.40
Hs.664772	98.09	73.35	1.34	chr16	N/A	1	304	0.00	46.83
SAE1	135.93	101.65	1.34	chr19	19q13.32	56	1327	154.51	85.44
Hs.651630	16.33	12.22	1.34	chr11	N/A	7	73	131.60	106.32
Hs.592880	248.92	186.17	1.34	chr3	N/A	8	377	92.22	91.62
ACVR2A	106.40	79.59	1.34	chr2	2q22.3	48	1027	383.18	56.60
LDB2	121.85	91.16	1.34	chr4	4p16	35	985	159.78	131.25
OR8G2	15.90	11.89	1.34	chr11	11q24.2	15	685	84.40	90.06
ZNF846	15.65	11.71	1.34	chr19	19p13.2	6	912	32.96	97.85
OR11H12	14.25	10.67	1.34	chr14	14q11.2	16	28	47.27	99.62
Hs.649370	19.24	14.40	1.34	chr7	N/A	8	342	113.00	78.42
KCTD9	92.57	69.29	1.34	chr8	8p21.1	57	736	118.24	79.76
LOC100506446	19.18	14.36	1.34	chr14	N/A	8	377	78.85	57.56
CCDC120	27.18	20.35	1.34	chrX	Xp11.23	44	870	98.90	86.68
PHLDB1	84.12	63.00	1.34	chr11	11q23.3	40	1400	118.23	110.77
LMNA	327.54	245.35	1.33	chr1	1q22	62	2510	110.89	104.81
CIB1	302.10	226.33	1.33	chr15	15q25.3-q26	40	617	105.33	60.18
THEM6	73.72	55.24	1.33	chr8	8q24.3	21	477	106.90	61.21
HOXD-AS1	41.08	30.78	1.33	chr2	2q31.2	37	1114	193.68	148.65
BCAR3	64.57	48.40	1.33	chr1	1p22.1	30	577	85.95	66.51
Hs.732334	90.51	67.84	1.33	chr1	N/A	8	377	103.44	87.20
Hs.679791	56.00	41.98	1.33	chr6	N/A	1	313	0.00	42.18
PPIC	219.37	164.46	1.33	chr5	5q23.2	45	1025	91.52	106.17
Hs.149040	14.00	10.50	1.33	chr3	N/A	1	304	0.00	71.58
Hs.666126	44.45	33.33	1.33	chr1	N/A	1	304	0.00	58.69
GRM7	23.98	17.99	1.33	chr3	3p26.1-p25.1	62	1404	337.21	98.78
CALCRL	53.24	39.93	1.33	chr2	2q32.1	55	1489	111.59	165.70
Hs.458267	14.23	10.67	1.33	chr11	N/A	14	146	66.47	99.38
SSSCA1	76.67	57.53	1.33	chr11	11q13.1	30	565	49.93	85.54
VPS51	334.17	250.82	1.33	chr11	11q13	28	538	93.42	52.30
LACTB2	98.43	73.89	1.33	chr8	8q13.3	48	1034	112.35	140.58
Hs.670167	74.79	56.14	1.33	chr17	N/A	1	304	0.00	48.32
Hs.407612	10.04	7.54	1.33	chr4	N/A	4	304	51.41	56.28
UBE2E2	95.50	71.72	1.33	chr3	3p24.2	29	269	146.48	81.51
TMEM147	372.98	280.10	1.33	chr19	19q13.1	30	577	74.59	47.08
LRFN4	49.36	37.08	1.33	chr11	11q13.2	28	527	87.38	96.91
TNKS2-AS1	20.69	15.55	1.33	chr10	N/A	10	73	110.50	85.66
Hs.707152	1,319.81	991.53	1.33	chr20	N/A	15	87	64.47	91.63
Hs.544261	11.28	8.47	1.33	chr5	N/A	10	73	104.96	56.76
MMRN2	81.85	61.50	1.33	chr10	10q23.2	47	1239	80.39	98.03
KCNE1L	23.10	17.36	1.33	chrX	Xq22.3	40	519	54.87	90.28
POLR2K	218.46	164.18	1.33	chr8	8q22.2	57	1149	127.19	105.32
KRTAP15-1	12.17	9.15	1.33	chr21	21q22.1	16	28	40.50	76.45
EIF3C	672.32	505.41	1.33	chr16	16p11.2	41	1676	104.48	80.35
LOC157273	13.30	10.00	1.33	chr8	8p23.1	1	304	0.00	74.21
Hs.156414	28.94	21.77	1.33	chr6	N/A	10	73	110.92	70.68
Hs.737719	14.54	10.94	1.33	chr5	N/A	1	304	0.00	71.34
UHRF1BP1L	45.05	33.89	1.33	chr12	12q23.1	54	1391	233.93	115.91
RAB3IP	40.64	30.57	1.33	chr12	12q15	71	2257	111.23	869.50
Hs.694843	27.10	20.39	1.33	chr15	N/A	7	73	171.50	74.79
DYNC1H1	174.44	131.25	1.33	chr14	14q32	48	2321	132.66	154.26
Hs.735777	16.67	12.54	1.33	chrX	N/A	4	304	35.77	49.37
ZNF415	59.87	45.05	1.33	chr19	19q13.42	30	572	121.54	109.25
CES5A	27.36	20.59	1.33	chr16	16q12.2	31	476	174.24	187.45
MSTN	8.99	6.77	1.33	chr2	2q32.2	23	492	192.45	139.31
Hs.732671	8.11	6.10	1.33	chr17	N/A	4	304	86.98	55.95
ZNF257	45.48	34.23	1.33	chr19	19q13	37	613	162.50	199.06
LOC150577	10.20	7.69	1.33	chr2	2q11.2	6	356	56.12	89.75
NETO1	12.13	9.14	1.33	chr18	18q22.2	52	1353	133.71	76.73
HIST1H2AB	33.45	25.20	1.33	chr6	6p22.1	21	465	126.57	66.31
Hs.597711	83.50	62.93	1.33	chr13	N/A	7	73	48.04	69.11
IMP4	159.55	120.24	1.33	chr2	2q21.1	32	576	103.80	55.97
Hs.720113	168.79	127.21	1.33	chrX	N/A	7	73	134.67	80.20
Hs.443736	41.78	31.49	1.33	chr5	N/A	11	377	203.37	42.72
KIAA0125	55.02	41.47	1.33	chr14	14q32.33	45	1034	338.31	254.98
RAD21L1	8.58	6.47	1.33	chr20	20p13	8	740	170.34	98.63
ZNF746	71.13	53.65	1.33	chr7	7q36.1	25	721	53.60	72.61
Hs.105268	22.41	16.91	1.33	chr1	N/A	1	304	0.00	48.63
TSTD3	77.92	58.77	1.33	chr6	6q16.2	18	52	84.02	67.98
RAB3A	89.87	67.79	1.33	chr19	19p13.2	37	642	249.24	126.38
C16orf13	102.37	77.21	1.33	chr16	16p13.3	41	2062	92.05	77.09
POFUT1	45.23	34.12	1.33	chr20	20q11	66	1146	162.86	109.17
TPT1-AS1	73.18	55.21	1.33	chr13	13q14.13	40	1439	119.09	144.29
ASAH2B	16.43	12.40	1.33	chr10	10q11.23	10	304	49.85	55.97
COPSS	161.69	122.00	1.33	chr2	2q37.3	57	2192	113.06	99.94
ENOPH1	147.35	111.19	1.33	chr4	4q21.22	29	842	187.13	107.57
Hs.6799	157.03	118.49	1.33	chr15	N/A	8	377	147.49	52.11
Hs.144041	23.79	17.95	1.33	chr22	N/A	5	22	49.21	135.52
RBM42	126.63	95.56	1.33	chr19	19q13.12	37	662	102.31	58.40
Hs.613041	13.61	10.27	1.33	chr4	N/A	1	304	0.00	81.40
Hs.736012	26.07	19.68	1.32	chr13	N/A	1	304	0.00	45.97
C5orf51	91.52	69.09	1.32	chr5	5p13.1	30	768	110.50	91.94
VPS33A	33.83	25.54	1.32	chr12	12q24.31	29	842	65.91	83.18
NUDT2	64.68	48.83	1.32	chr9	9p13	21	465	81.44	63.63
FLII	164.40	124.22	1.32	chr17	17p11.2	41	1733	64.31	85.86
GPX1	647.94	489.56	1.32	chr3	3p21.3	30	577	73.38	66.98

ACYP2	134.43	101.59	1.32	chr2	2p16.2	55	715	72.39	112.71
Hs.151176	13.59	10.27	1.32	chr5	N/A	2	22	101.82	89.22
F2RL3	21.15	15.99	1.32	chr19	19p12	43	601	86.95	84.10
Hs.643854	54.42	41.14	1.32	chrX	N/A	11	377	84.30	152.49
HAPLN1	27.69	20.94	1.32	chr5	5q14.3	50	1735	157.24	153.27
Hs.133338	17.67	13.36	1.32	chr16	N/A	10	73	89.58	68.42
Hs.382012	13.03	9.85	1.32	chr18	N/A	4	304	40.96	122.21
Hs.43396	38.43	29.07	1.32	chr11	N/A	3	66	27.83	70.24
Hs.586884	18.07	13.67	1.32	chr15	N/A	3	66	90.06	88.76
Hs.658327	18.14	13.73	1.32	chr6	N/A	1	304	0.00	96.49
ENTPD6	102.49	77.56	1.32	chr20	20p11.21	44	908	97.82	98.61
ADAMTS1	457.62	346.30	1.32	chr21	21q21.2	53	1016	187.82	235.73
PUSL1	53.94	40.82	1.32	chr1	1p36.33	17	344	28.17	54.87
PDK1	66.89	50.62	1.32	chr2	2q31.1	55	1026	107.79	115.57
CACNG3	28.03	21.22	1.32	chr16	16p12.1	23	498	112.03	146.24
STRN4	102.44	77.54	1.32	chr19	19q13.2	31	538	72.16	54.06
KCNC3	42.12	31.89	1.32	chr19	19q13.33	25	1112	76.89	106.70
SYN1	98.98	74.95	1.32	chrX	Xp11.23	47	898	131.28	138.59
PPP1R2	146.63	111.04	1.32	chr3	3q29	94	2088	129.39	155.28
Hs.604606	10.75	8.14	1.32	chr1	N/A	1	304	0.00	134.87
RAP1A	232.95	176.44	1.32	chr1	1p13.3	44	1297	149.36	181.46
TADA3	112.44	85.17	1.32	chr3	3p25.3	56	1076	114.02	109.32
GLRX	306.39	232.09	1.32	chr5	5q14	35	997	126.12	117.85
FLYWCH2	51.69	39.15	1.32	chr16	16p13.3	36	496	96.67	73.40
RNF10	255.72	193.75	1.32	chr12	12q24.31	45	1020	82.20	136.39
Hs.733953	33.05	25.04	1.32	chr14	N/A	7	73	105.39	105.92
Hs.667083	4.13	3.13	1.32	chr3	N/A	1	304	0.00	82.12
Hs.661779	108.81	82.46	1.32	chr19	N/A	8	377	111.70	60.34
PSME4	121.25	91.89	1.32	chr2	2p16.2	54	1861	115.59	129.33
Hs.595430	149.95	113.65	1.32	chr4	N/A	8	377	67.76	46.21
Hs.667579	11.54	8.75	1.32	chr18	N/A	1	304	0.00	59.35
LOC100507165	42.65	32.33	1.32	chr11	N/A	14	398	48.54	65.83
Hs.547311	6.69	5.08	1.32	chr10	N/A	1	304	0.00	77.30
MRPL11	133.82	101.45	1.32	chr11	11q13.3	34	533	112.17	53.68
Hs.720597	138.19	104.77	1.32	chr17	N/A	7	73	147.97	81.10
DHPS	119.50	90.63	1.32	chr19	19p13.2	48	1456	101.86	80.94
HBEGF	90.61	68.71	1.32	chr5	5q23	50	1749	127.02	170.69
TBC1D1	63.47	48.14	1.32	chr4	4p14	74	2194	122.56	109.84
ALAS2	61.09	46.34	1.32	chrX	Xp11.21	68	1120	170.01	359.07
CDH19	70.77	53.68	1.32	chr18	18q22.1	59	1359	104.88	304.71
SCNN1D	33.61	25.49	1.32	chr1	1p36.3-p36.2	30	575	87.22	79.67
NME3	162.73	123.46	1.32	chr16	16q13.3	32	616	63.25	91.02
MDN1	50.54	38.35	1.32	chr6	6q15	44	1099	171.68	206.04
KIF26A	36.35	27.59	1.32	chr14	14q32.33	21	763	54.61	81.60
ARMC6	74.60	56.62	1.32	chr19	19p13.11	37	633	123.70	94.58
IMPG1	7.69	5.84	1.32	chr6	6q14.2-q15	31	543	113.16	123.46
Hs.586567	59.14	44.89	1.32	chr1	N/A	8	377	95.92	65.19
Hs.553293	10.92	8.29	1.32	chrY	N/A	7	73	105.93	84.46
ZXDB	32.83	24.93	1.32	chrX	Xp11.21	16	799	95.51	83.81
LTC4S	68.97	52.39	1.32	chr5	5q35	36	581	166.25	194.60
MLK7-AS1	12.57	9.55	1.32	chr2	2q31.1	1	304	0.00	97.90
NAA38	70.79	53.78	1.32	chr7	7q31.1-q31.3	65	1697	77.56	90.58
PPP1R11	206.47	156.87	1.32	chr6	6p21.3	43	1505	129.73	98.68
OR10H1	37.54	28.52	1.32	chr19	19p13.1	21	465	113.25	55.26
Hs.657733	27.55	20.93	1.32	chr11	N/A	1	304	0.00	46.11
PAIP1	165.59	125.82	1.32	chr5	5p12	66	1928	131.89	106.82
Hs.720470	43.59	33.13	1.32	chr2	N/A	11	377	71.04	114.24
LMX1B	18.76	14.26	1.32	chr9	9q33.3	33	575	122.63	125.07
ARL2BP	209.10	159.04	1.31	chr16	16q13	37	1049	116.09	127.90
WRNIP1	102.86	78.24	1.31	chr6	6p25.2	57	1691	172.15	318.12
Hs.657016	38.65	29.40	1.31	chr22	N/A	1	304	0.00	42.75
PSMB5	386.04	293.66	1.31	chr14	14q11.2	30	577	52.31	52.84
Hs.459513	15.91	12.11	1.31	chr9	N/A	10	73	82.81	154.67
LOC284898	32.85	24.99	1.31	chr22	22q12.1	1	304	0.00	46.54
Hs.116155	11.43	8.70	1.31	chr7	N/A	7	73	110.85	90.81
ZNF607	27.64	21.04	1.31	chr19	19q13.1	26	488	80.02	89.89
MDP1	88.12	67.08	1.31	chr14	14q12	21	659	37.88	40.47
NF2	36.50	27.79	1.31	chr22	22q12.2	125	3647	176.53	122.67
POLD4	162.99	124.10	1.31	chr11	11q13	40	605	78.35	108.73
Hs.666512	84.75	64.53	1.31	chr16	N/A	7	73	147.42	70.09
EXOSC3	46.73	35.58	1.31	chr9	9p11	34	1989	79.77	101.98
CYB5R4	78.02	59.41	1.31	chr6	6pter-q22.33	31	555	125.77	70.30
VPS37A	81.25	61.87	1.31	chr8	8p22	68	1105	90.42	72.59
MLANA	31.70	24.14	1.31	chr9	9p24.1	51	1188	108.38	140.43
LOC401317	38.40	29.25	1.31	chr7	7p15.1	24	348	79.73	95.18
KRTAP3-3	15.95	12.15	1.31	chr17	17q12-q21	16	384	53.63	154.26
SMG5	72.42	55.17	1.31	chr1	1q21.2	32	981	71.46	61.14
Hs.734032	20.65	15.74	1.31	chr16	N/A	3	66	95.86	97.76
PSMB3	461.12	351.30	1.31	chr17	17q12	30	577	95.01	46.69
Hs.662769	91.95	70.06	1.31	chrX	N/A	7	73	168.31	56.86
PIK3C3	62.29	47.47	1.31	chr18	18q12.3	52	2055	149.16	116.49
LOC100129223	14.06	10.71	1.31	chr12	12p13.32	5	22	98.18	70.16
GLTPD1	71.89	54.79	1.31	chr1	1p36.33	44	597	96.69	82.68
Hs.668114	12.45	9.49	1.31	chr1	N/A	2	22	11.32	56.09
BRE-AS1	34.83	26.55	1.31	chr2	2p23	1	304	0.00	97.46
PCYT2	133.49	101.75	1.31	chr17	17q25.3	51	970	265.71	208.58
FRK	11.88	9.06	1.31	chr6	6q21-q22.3	24	531	67.64	77.69
E2F5	27.28	20.81	1.31	chr8	8q21.2	40	1379	121.24	199.11
Hs.572568	14.27	10.89	1.31	chr19	N/A	7	73	111.76	106.86
Hs.55161	14.55	11.10	1.31	chr7	N/A	16	162	227.44	98.13
SHEM1	445.58	339.86	1.31	chr7	7q21.3	33	577	77.71	68.94
MEX3D	62.82	47.92	1.31	chr19	19p13.3	52	1281	183.50	197.32
STOML1	94.57	72.17	1.31	chr15	15q24-q25	45	1024	110.96	103.65

Hs.707631	27.07	20.66	1.31	chr11	N/A	11	332	50.60	139.04
PRKRA	115.81	88.39	1.31	chr2	2q31.2	34	925	85.83	70.84
TIMM17B	105.79	80.77	1.31	chrX	Xp11.23	41	909	140.48	92.91
ARHGEF9	67.48	51.52	1.31	chrX	Xq11.1	52	1093	116.62	97.05
SSTR5-AS1	27.09	20.68	1.31	chr16	16p13.3	19	334	96.01	92.67
ANAPC16	528.85	403.76	1.31	chr10	10q22.1	39	1453	98.30	78.67
Hs.671684	15.61	11.91	1.31	chr10	N/A	1	304	0.00	66.87
BLVRA	140.09	106.97	1.31	chr7	7p13	46	2141	90.13	106.04
Hs.604782	81.01	61.86	1.31	chr18	N/A	7	73	77.94	89.04
RBM10	105.53	80.59	1.31	chrX	Xp11.23	51	1463	185.93	74.71
PPA2	134.97	103.08	1.31	chr4	4q25	54	1914	107.74	97.49
LTBP4	130.87	99.95	1.31	chr19	19q13.1-q13.2	61	1816	108.25	138.44
Hs.602685	16.88	12.89	1.31	chr8	N/A	2	22	79.71	72.36
SMPD1	84.74	64.74	1.31	chr11	11p15.4-p15.1	45	1456	111.80	130.95
SH3D19	159.39	121.77	1.31	chr4	4q31.3	35	757	87.39	108.46
Hs.732400	60.01	45.85	1.31	chr4	N/A	8	377	108.17	242.52
Hs.375745	4.82	3.69	1.31	chr13	N/A	1	304	0.00	69.44
PCDHB4	31.45	24.04	1.31	chr5	5q31	18	644	77.89	93.76
Hs.666226	21.11	16.13	1.31	chr15	N/A	8	377	62.23	149.86
LOC100287210	30.60	23.39	1.31	chr7	7q36.2	1	304	0.00	48.71
ANGPTL2	143.45	109.64	1.31	chr9	9q34	50	1434	98.54	128.63
TMEM158	121.79	93.10	1.31	chr3	3p21.3	40	598	186.28	227.27
ATP6V0E2	369.72	282.64	1.31	chr7	7q36.1	23	504	112.57	113.01
Hs.154593	8.20	6.27	1.31	chr19	N/A	5	22	80.23	62.63
Hs.563210	17.42	13.32	1.31	chr4	N/A	7	73	132.12	78.49
FUNDC2	292.71	223.80	1.31	chrX	Xq28	44	868	158.61	107.49
EMD	152.51	116.62	1.31	chrX	Xq28	28	555	121.25	73.51
AMER1	27.88	21.32	1.31	chrX	Xq11.2	19	385	133.03	51.58
Hs.150747	17.00	13.00	1.31	chr5	N/A	10	73	116.93	71.95
IQSEC3	27.47	21.01	1.31	chr12	12p13.33	52	1224	160.16	127.29
Hs.518326	41.28	31.57	1.31	chr3	N/A	1	304	0.00	44.92
GDPD5	117.50	89.88	1.31	chr11	11q13.4-q13.5	49	1106	194.43	107.01
TNFRSF14	102.77	78.62	1.31	chr1	1p36.32	40	655	97.31	74.16
Hs.54416	27.89	21.34	1.31	chr14	N/A	1	304	0.00	82.34
GALR2	12.83	9.81	1.31	chr17	17q25.3	23	493	76.26	72.23
ADAM15	116.45	89.09	1.31	chr1	1q21.3	50	897	204.05	129.82
B9D2	39.56	30.27	1.31	chr19	19q13.2	30	479	72.00	118.27
CITED2	203.68	155.85	1.31	chr6	6q23.3	46	1326	185.21	140.53
CCDC148-AS1	6.19	4.73	1.31	chr2	2q24.1	11	332	166.50	62.96
GABRB2	34.92	26.73	1.31	chr5	5q34	38	1178	143.40	105.64
KRTAP12-2	7.71	5.90	1.31	chr21	21q22.3	16	32	59.82	38.23
BCL7B	125.30	95.91	1.31	chr7	7q11.23	43	605	125.81	57.85
ZNF24	162.42	124.38	1.31	chr18	18q12	92	2406	119.18	100.67
ALG12	46.93	35.94	1.31	chr22	22q13.33	21	460	104.94	63.65
SHARPIN	81.04	62.06	1.31	chr8	8q24.3	38	561	106.94	87.17
TCEAL8	196.09	150.18	1.31	chrX	Xq22.1	30	417	57.88	88.04
PSD3	95.08	72.82	1.31	chr8	8p21.3	110	1918	226.36	124.26
RPUSD4	140.72	107.78	1.31	chr11	11q24.2	41	518	145.98	75.07
HNF1A	41.71	31.95	1.31	chr12	12q24.2	39	983	137.49	98.28
Hs.645863	199.93	153.18	1.31	chr5	N/A	8	377	123.13	181.28
UGGT2	40.40	30.95	1.31	chr13	13q32.1	98	2878	164.34	135.51
LSM4	147.48	113.02	1.30	chr19	19p13.11	59	1557	93.48	106.18
Hs.659921	36.17	27.73	1.30	chr1	N/A	1	304	0.00	131.50
ZFP69B	18.90	14.50	1.30	chr1	1p34.2	40	635	108.90	101.93
Hs.30917	38.93	29.85	1.30	chr2	N/A	7	73	106.32	73.07
Hs.661391	40.69	31.21	1.30	chr19	N/A	7	73	44.94	82.08
ZMYM6	48.46	37.17	1.30	chr1	1p34.2	86	2723	264.51	149.51
Hs.729532	34.95	26.81	1.30	chr2	N/A	19	389	52.46	197.45
CREB1	90.63	69.54	1.30	chr2	2q34	82	2591	253.77	71.14
HNRNPAIL2	389.27	298.74	1.30	chr13	13q14.3	109	272	96.06	90.46
LOC339788	15.63	12.00	1.30	chr2	2p25.1	8	377	50.36	113.05
NANOS3	27.44	21.06	1.30	chr19	19p13.13	18	406	75.12	126.51
Hs.149200	9.69	7.44	1.30	chr12	N/A	10	73	83.41	84.37
ZNF629	138.37	106.25	1.30	chr16	16p11.2	40	612	75.67	74.94
LOC100507300	17.07	13.11	1.30	chr11	N/A	5	674	87.59	83.11
RFPL4A	10.72	8.24	1.30	chr19	19q13.42	2	16	43.25	41.46
Hs.726399	470.48	361.43	1.30	chr22	N/A	7	73	74.60	156.32
Hs.611178	28.02	21.53	1.30	chr7	N/A	1	304	0.00	53.70
NTSM	33.67	25.87	1.30	chr17	17p11.2	28	529	51.32	80.15
LOC400940	13.71	10.54	1.30	chr2	2p25.2	2	608	47.31	63.47
CAGE1	9.26	7.12	1.30	chr6	6p24.3	29	457	144.66	230.96
Hs.592539	41.18	31.67	1.30	chr16	N/A	1	304	0.00	78.37
TMEM219	216.52	166.49	1.30	chr16	16p11.2	27	761	166.19	103.00
Hs.743717	203.81	156.73	1.30	chr19	N/A	2	39	15.00	18.09
PMPCB	165.62	127.38	1.30	chr7	7q22.1	38	954	74.24	88.71
CD81	1,637.76	1,259.69	1.30	chr11	11p15.5	30	577	140.77	67.15
CALM3	227.14	174.76	1.30	chr19	19q13.2-q13.3	56	1369	162.21	108.43
FAM209A	18.36	14.13	1.30	chr20	20q13.31	17	332	49.24	493.57
C5orf15	189.97	146.23	1.30	chr5	5q31.1	38	949	103.98	86.18
CCDC107	130.18	100.22	1.30	chr9	9p13.3	16	40	64.34	80.57
Hs.435128	8.35	6.43	1.30	chr6	N/A	5	22	43.89	74.52
Hs.667446	17.75	13.66	1.30	chr7	N/A	3	66	97.66	134.34
Hs.557682	9.22	7.10	1.30	chr14	N/A	1	304	0.00	78.36
Hs.368591	11.22	8.64	1.30	chr2	N/A	5	22	53.50	73.85
Hs.513000	140.18	107.98	1.30	chr15	N/A	21	405	196.57	84.38
Hs.563492	16.95	13.06	1.30	chr7	N/A	1	304	0.00	69.90
KRTAP4-11	45.28	34.90	1.30	chr17	17q21.2	19	385	138.83	165.42
TOMM22	117.35	90.45	1.30	chr22	22q12-q13	23	1085	69.23	58.58
TXNDC17	266.26	205.25	1.30	chr17	17p13.1	27	761	93.16	116.49
AKAP13	121.80	93.89	1.30	chr15	15q24-q25	166	5153	150.93	116.37
VPREB1	11.48	8.85	1.30	chr22	22q11.22	21	457	109.31	112.95
Hs.541100	32.87	25.34	1.30	chr18	N/A	5	22	46.80	66.06
LOC100130705	34.25	26.41	1.30	chr7	7q32.1	4	304	71.79	602.64

Hs.683210	4.33	3.34	1.30	chr16	N/A	2	16	8.36	57.87
Hs.594448	277.29	213.87	1.30	chr19	N/A	1	304	0.00	26.72
ZNF620	7.29	5.62	1.30	chr3	3p22.1	14	332	84.14	83.54
ATP1A2	527.77	407.08	1.30	chr1	1q23.2	35	996	114.50	190.48
Hs.668444	10.19	7.86	1.30	chr1	N/A	7	73	112.19	84.16
Hs.656773	28.29	21.82	1.30	chr4	N/A	8	377	153.24	88.64
Hs.670566	24.22	18.69	1.30	chrX	N/A	11	332	36.71	74.03
TLL1	42.70	32.96	1.30	chr22	22q13.1	36	571	131.53	64.17
Hs.146557	9.11	7.03	1.30	chr11	N/A	5	22	104.11	67.57
MRPL16	201.74	155.72	1.30	chr11	11q12.1	35	605	81.91	50.64
ADAMTS9	50.92	39.30	1.30	chr3	3p14.1	51	1890	149.33	213.06
NFYB	82.96	64.04	1.30	chr12	12q22-q23	65	1850	168.53	107.41
Hs.729467	109.03	84.17	1.30	chr2	N/A	1	316	0.00	49.60
GYPC	227.31	175.50	1.30	chr2	2q14-q21	34	555	94.76	102.57
REPS1	96.98	74.88	1.30	chr6	6q24.1	45	1433	166.15	140.61
UFSP2	147.13	113.62	1.29	chr4	4q35.1	29	511	70.83	53.43
Hs.176837	20.08	15.51	1.29	chr5	N/A	5	22	35.25	90.87
TFPT	60.34	46.61	1.29	chr19	19q13	25	538	69.59	72.18
ATP5L2	214.85	165.95	1.29	chr22	22q13.2	7	73	39.07	51.02
PLEKHM1	91.40	70.60	1.29	chr17	17q21.31	58	1445	198.54	115.54
KLF14	32.70	25.26	1.29	chr7	7q32.3	20	689	74.65	158.47
ARL6IP4	296.52	229.06	1.29	chr12	12q24.31	56	1031	85.92	63.89
RSAD1	174.64	134.91	1.29	chr17	17q21.33	27	533	135.41	49.98
Hs.12264	71.75	55.44	1.29	chr1	N/A	1	304	0.00	51.12
CCDC64	63.74	49.26	1.29	chr12	12q24.23	28	941	204.80	99.69
Hs.633361	247.64	191.40	1.29	chr6	N/A	1	304	0.00	65.60
Hs.666705	26.51	20.49	1.29	chr13	N/A	1	304	0.00	52.31
ZNF404	72.02	55.67	1.29	chr19	19q13.31	27	756	141.98	92.39
Hs.603292	179.54	138.81	1.29	chr18	N/A	2	22	14.62	50.40
Hs.197824	21.90	16.93	1.29	chr2	N/A	4	307	29.58	56.67
INO80B	120.42	93.12	1.29	chr2	2p13.1	34	1670	332.94	255.35
LOC283587	17.54	13.57	1.29	chr14	14q31.3	18	411	55.80	147.09
LIN37	45.63	35.30	1.29	chr19	19q13.1	28	483	67.25	102.99
CFHR3	73.81	57.10	1.29	chr1	1q32	27	756	123.25	459.57
Hs.714928	264.21	204.46	1.29	chr7	N/A	7	73	60.08	155.29
TRIML2	17.68	13.68	1.29	chr4	4q35.2	19	384	68.44	70.57
Hs.542001	14.26	11.04	1.29	chr2	N/A	10	73	75.49	88.80
AZ11	46.56	36.04	1.29	chr17	17q25.3	39	518	111.17	114.45
Hs.720524	172.24	133.34	1.29	chr2	N/A	7	73	137.33	59.53
Hs.609538	21.91	16.96	1.29	chr1	N/A	1	304	0.00	57.69
IGHG3	99.67	77.18	1.29	chr14	14q32.33	6	156	130.72	190.71
PDCD2L	97.32	75.36	1.29	chr19	19q13.11	19	396	104.25	64.61
NHP2L1	261.67	202.64	1.29	chr22	22q13	69	1541	97.45	83.49
Hs.148205	11.28	8.73	1.29	chr18	N/A	3	66	79.94	74.34
RNF207	58.66	45.43	1.29	chr1	1p36.31	54	2079	120.13	88.70
C7orf69	11.36	8.80	1.29	chr7	7p12.3	21	449	211.96	70.10
Hs.637636	11.27	8.73	1.29	chr4	N/A	1	304	0.00	68.45
KCNT1	23.74	18.39	1.29	chr9	9q34.3	15	636	127.77	52.43
Hs.737319	262.36	203.27	1.29	chr1	N/A	7	73	64.69	93.86
QSOX1	184.76	143.17	1.29	chr1	1q24	40	579	109.50	87.44
NBEA	81.73	63.33	1.29	chr13	13q13	41	967	161.50	85.77
MED9	79.80	61.84	1.29	chr17	17p11.2	38	562	72.18	48.45
LINC00305	8.35	6.47	1.29	chr18	18q22.1	17	333	171.32	87.20
TMEM150A	109.69	85.01	1.29	chr2	2p11.2	36	497	82.90	140.83
TNFAIP1	140.66	109.06	1.29	chr17	17q22-q23	32	985	70.21	59.63
FLJ38723	55.02	42.67	1.29	chr15	15q22.2	18	81	80.36	37.60
Hs.720560	22.04	17.09	1.29	chr1	N/A	11	377	91.75	63.48
ZNF132	29.03	22.52	1.29	chr19	19q13.4	30	577	85.30	75.79
Hs.655406	3.93	3.05	1.29	chr4	N/A	2	39	37.38	18.17
Hs.661954	33.88	26.28	1.29	chr8	N/A	1	304	0.00	140.60
ANKRD40	57.29	44.44	1.29	chr17	17q21.33	35	949	223.52	133.40
STRAP	311.86	241.93	1.29	chr12	12p12.3	40	909	80.80	86.77
Hs.718912	14.65	11.37	1.29	chr3	N/A	2	16	39.84	43.65
BABAM1	164.13	127.35	1.29	chr19	19p13.11	24	472	60.15	41.18
BARHL2	24.14	18.73	1.29	chr1	1p22.2	16	28	229.41	86.56
Hs.721420	48.35	37.52	1.29	chr9	N/A	1	304	0.00	34.43
EGLN2	118.84	92.22	1.29	chr19	19q13.2	36	1141	128.47	124.69
Hs.661065	21.85	16.96	1.29	chr4	N/A	3	66	39.48	85.77
Hs.129493	15.22	11.82	1.29	chr3	N/A	3	66	79.63	105.03
EN1	18.67	14.50	1.29	chr2	2q14.2	21	453	260.85	106.72
Hs.604175	15.61	12.12	1.29	chr15	N/A	2	22	11.51	116.42
PPP2R5C	90.23	70.08	1.29	chr14	14q32.31	110	2771	134.38	98.96
SEC23A	137.09	106.50	1.29	chr14	14q21.1	58	1157	142.19	114.12
SRPK3	86.07	66.86	1.29	chrX	Xq28	40	599	84.40	99.54
Hs.567100	43.45	33.75	1.29	chr9	N/A	11	1289	80.00	106.08
Hs.540554	9.79	7.61	1.29	chr16	N/A	10	73	88.25	79.26
ZFYVE21	246.56	191.59	1.29	chr14	14q32.33	22	776	93.99	87.66
Hs.557974	16.58	12.89	1.29	chr12	N/A	7	73	156.09	109.40
Hs.12799	5.41	4.20	1.29	chr9	N/A	4	304	31.85	60.71
Hs.563878	20.99	16.32	1.29	chr1	N/A	7	73	90.67	81.00
Hs.664658	14.62	11.37	1.29	chr1	N/A	7	73	135.26	97.55
SSX4	25.68	19.98	1.29	chrX	Xp11.23	11	420	78.77	115.14
LOC100134259	70.21	54.63	1.29	chr2	2p21	11	388	57.22	83.82
Hs.38533	45.20	35.17	1.28	chr12	N/A	7	73	59.58	71.11
GFOD1	124.55	96.93	1.28	chr6	6pter-p22.1	47	927	144.63	117.18
PNPLA1	13.11	10.20	1.28	chr6	6p21.31	20	344	137.91	78.07
BHLHB9	52.81	41.10	1.28	chrX	Xq23	28	521	204.21	84.95
C17orf75	40.81	31.77	1.28	chr17	17q11.2	47	678	66.61	133.84
Hs.660004	20.01	15.58	1.28	chr8	N/A	8	377	107.39	80.50
PP12613	9.41	7.33	1.28	chr4	4q27	11	332	31.77	64.77
Hs.467163	25.68	20.00	1.28	chr19	N/A	10	28	175.49	85.08
Hs.608624	48.17	37.51	1.28	chr17	N/A	2	16	110.04	15.52
LOC729732	25.27	19.68	1.28	chr8	8p23.1	12	316	37.59	88.66

Hs.732780	36.03	28.06	1.28	chr2	N/A	7	73	49.00	65.54
CASZ1	63.63	49.56	1.28	chr1	1p36.22	55	1841	199.08	96.85
MMP11	39.35	30.65	1.28	chr22	22q11.23	56	2275	87.94	109.01
Hs.708461	44.27	34.49	1.28	chr20	N/A	8	377	81.10	81.06
Hs.673776	11.55	9.00	1.28	chr3	N/A	1	304	0.00	64.84
TMX4	182.39	142.16	1.28	chr20	20p12	107	1969	142.55	142.51
ZNF273	50.24	39.17	1.28	chr7	7q11.21	81	1127	367.77	115.30
C19orf53	400.52	312.32	1.28	chr19	19p13.2	28	533	85.90	79.24
TBX22	10.85	8.46	1.28	chrX	Xq21.1	29	457	146.64	127.15
Hs.614891	21.57	16.83	1.28	chr3	N/A	4	304	48.37	52.18
LOC441204	25.63	19.99	1.28	chr7	7p15.2	51	1640	139.94	209.70
TNFRSF19	66.75	52.07	1.28	chr13	13q12.11-q12.2	47	1095	150.74	164.45
Hs.598530	48.34	37.71	1.28	chr18	N/A	10	73	200.10	61.42
Hs.573179	36.01	28.09	1.28	chr5	N/A	1	304	0.00	40.94
TNP2	15.47	12.07	1.28	chr16	16p13.13	47	1062	90.53	224.16
GUCY1A3	123.89	96.66	1.28	chr4	4q31.1-q31.2	78	1551	117.03	110.17
Hs.432355	38.30	29.88	1.28	chrX	N/A	1	304	0.00	50.68
Hs.539694	9.11	7.11	1.28	chr13	N/A	3	66	36.26	72.93
Hs.620639	28.07	21.91	1.28	chr9	N/A	2	608	128.23	86.15
Hs.446495	24.17	18.86	1.28	chr11	N/A	2	16	45.68	50.65
C4orf46	25.89	20.21	1.28	chr4	4q32.1	22	716	80.81	97.24
RBX1	399.88	312.11	1.28	chr22	22q13.2	35	611	73.76	57.02
Hs.656531	64.40	50.27	1.28	chr3	N/A	8	377	53.49	45.93
Hs.559775	18.76	14.64	1.28	chr1	N/A	17	146	169.13	82.51
IMPA2	197.47	154.18	1.28	chr18	18p11.2	30	577	77.23	141.22
Hs.538234	12.52	9.77	1.28	chr1	N/A	5	22	84.22	65.65
LOC100506639	22.10	17.25	1.28	chr5	5p12	32	551	153.39	92.62
Hs.15738	1,679.02	1,311.19	1.28	chr3	N/A	5	51	50.53	57.69
RPPH1	26.14	20.42	1.28	chr14	14q11.2	4	304	67.18	57.80
HIPK2	171.04	133.58	1.28	chr7	7q32-q34	101	3451	148.95	173.86
OPA3	46.74	36.51	1.28	chr19	19q13.32	42	1095	95.21	86.78
Hs.633217	48.87	38.18	1.28	chr1	N/A	10	73	86.52	66.60
FSTL1	649.47	507.46	1.28	chr3	3q13.33	42	1087	86.05	149.22
KIF25-AS1	21.73	16.98	1.28	chr6	6q27	37	1422	222.63	136.22
HSPA4	113.86	88.97	1.28	chr5	5q31.1	72	1625	143.20	100.87
FBXO8	89.62	70.04	1.28	chr4	4q34.1	27	773	64.15	66.39
Hs.127015	12.05	9.42	1.28	chr7	N/A	5	22	45.91	60.48
KRT3	81.00	63.30	1.28	chr12	12q13.13	23	512	165.98	225.68
GLTPD2	50.29	39.30	1.28	chr17	17p13.2	29	795	159.24	130.51
Hs.634401	9.84	7.69	1.28	chr22	N/A	2	16	87.97	146.00
DYRK2	64.78	50.64	1.28	chr12	12q15	101	1831	119.42	81.60
GNGI1	280.20	219.05	1.28	chr7	7q21	29	577	68.89	103.44
DYSF	138.89	108.58	1.28	chr2	2p13.3	38	564	94.33	92.76
Hs.439122	43.44	33.97	1.28	chr1	N/A	14	332	59.45	57.68
Hs.544188	25.69	20.09	1.28	chr5	N/A	2	39	31.13	31.41
METTL21A	43.59	34.09	1.28	chr2	2q33.3	54	1238	178.15	85.24
DENND5B	39.56	30.94	1.28	chr12	12p11.21	120	2490	162.06	125.44
Hs.205745	13.80	10.79	1.28	chr7	N/A	4	304	70.10	110.13
SSX8	5.36	4.19	1.28	chrX	Xp11.23	13	28	137.08	80.52
Hs.598410	52.37	40.96	1.28	chr18	N/A	3	326	71.05	52.40
TYMP	89.54	70.04	1.28	chr22	22q13.33	67	1600	129.92	93.32
Hs.146184	11.87	9.29	1.28	chr3	N/A	5	22	67.53	104.77
SPO11	14.52	11.36	1.28	chr20	20q13.31	27	453	95.51	124.93
Hs.660180	14.01	10.96	1.28	chr10	N/A	8	377	64.22	96.09
ZNF639	68.03	53.23	1.28	chr3	3q26.33	37	1219	115.06	109.24
KIF20B	52.68	41.22	1.28	chr10	10q23.31	45	1015	163.48	192.71
ALS2	55.74	43.62	1.28	chr2	2q33.1	62	1267	124.58	103.07
Hs.609090	10.22	7.99	1.28	chr15	N/A	1	304	0.00	98.46
C8orf76	67.30	52.67	1.28	chr8	8q24.13	34	834	77.51	73.30
METTL7B	116.93	91.52	1.28	chr12	12q13.2	26	468	191.64	170.40
WNT1	15.62	12.23	1.28	chr12	12q13	23	492	72.14	68.54
Hs.656675	9.05	7.08	1.28	chr5	N/A	27	570	126.19	87.33
LOC100507134	9.86	7.72	1.28	chr3	N/A	2	22	8.69	78.78
Hs.729710	94.75	74.19	1.28	chr9	N/A	1	304	0.00	44.06
TTC1	164.52	128.82	1.28	chr5	5q33.3	30	577	66.28	56.09
MSRB3	161.73	126.65	1.28	chr12	12q14.3	60	1814	123.13	122.58
LRRC34	28.43	22.27	1.28	chr3	3q26.2	25	717	219.09	171.51
Hs.569096	7.48	5.86	1.28	chr12	N/A	4	304	110.50	46.36
Hs.668213	21.40	16.76	1.28	chr11	N/A	8	377	88.23	59.34
BCL2L2	159.82	125.22	1.28	chr14	14q11.2-q12	31	881	66.15	86.46
Hs.594935	56.23	44.07	1.28	chr7	N/A	8	377	189.65	66.74
Hs.662832	11.17	8.75	1.28	chr7	N/A	1	304	0.00	58.88
Hs.709775	89.19	69.92	1.28	chr9	N/A	33	855	192.08	75.73
LOC100132891	45.41	35.60	1.28	chr8	8q13.3	29	596	98.38	120.24
Hs.134004	19.86	15.57	1.28	chr7	N/A	16	354	61.38	78.61
ZNF540	47.22	37.03	1.28	chr19	19q13.12	26	1059	244.39	125.02
RPLP2	1,439.75	1,129.61	1.27	chr11	11p15.5	42	1389	113.11	155.68
ADHFE1	142.41	111.73	1.27	chr8	8q13.1	41	563	167.63	112.98
LOC100505811	7.49	5.88	1.27	chr5	N/A	1	304	0.00	103.44
CMIP	141.29	110.91	1.27	chr16	16q23	50	1426	417.92	98.53
XPO4	69.54	54.59	1.27	chr13	13q11	52	940	133.67	133.69
Hs.738253	4.93	3.87	1.27	chr3	N/A	10	28	90.09	108.13
HAUS8	30.14	23.66	1.27	chr19	19p13.11	27	417	65.39	105.28
SLC6A7	61.20	48.05	1.27	chr5	5q32	25	533	269.51	173.42
ITGA9	109.58	86.04	1.27	chr3	3p21.3	92	2025	275.06	356.39
LGALS3BP	617.75	485.11	1.27	chr17	17q25	40	603	157.18	77.11
ABRA	53.07	41.69	1.27	chr8	8q23.1	20	689	56.75	430.98
FAM194B	6.77	5.32	1.27	chr13	13q14.13	13	30	58.13	84.95
TCTEX1D1	16.67	13.10	1.27	chr1	1p31.3	24	413	101.22	100.08
FIS1	414.19	325.35	1.27	chr7	7q22.1	38	561	65.62	52.08
UBL5	611.64	480.46	1.27	chr19	19p13.3	31	538	98.84	116.37
TECR	190.95	150.02	1.27	chr19	19p13.12	21	803	58.18	103.76
PRICKLE2-AS3	12.59	9.89	1.27	chr3	N/A	1	304	0.00	70.35

MROH9	8.02	6.30	1.27	chr1	1q24.3	21	448	107.20	75.90
Hs.663736	94.02	73.88	1.27	chr5	N/A	5	420	31.67	60.28
Hs.46473	29.05	22.83	1.27	chr3	N/A	11	377	121.94	70.27
Hs.658976	259.37	203.81	1.27	chr7	N/A	17	472	173.99	257.84
Hs.593163	170.73	134.16	1.27	chr2	N/A	15	450	120.78	63.85
ACSL4	52.36	41.15	1.27	chrX	Xq22.3-q23	69	1477	184.19	173.44
CYTH1	104.25	81.93	1.27	chr17	17q25	38	997	91.78	88.18
DTHD1	9.06	7.12	1.27	chr4	4p14	8	343	70.07	111.43
ATP9B	42.86	33.69	1.27	chr18	18q23	56	2327	309.38	84.10
Hs.616548	20.79	16.34	1.27	chr13	N/A	1	304	0.00	66.39
CHRNA4	19.04	14.96	1.27	chr20	20q13.2-q13.3	53	1843	112.23	94.03
Hs.667558	9.09	7.15	1.27	chr1	N/A	1	304	0.00	76.61
PSME3	121.20	95.28	1.27	chr17	17q21	83	1972	140.91	95.92
POU3F4	30.87	24.27	1.27	chrX	Xq21.1	30	565	139.95	112.93
Hs.664746	28.47	22.39	1.27	chr1	N/A	1	304	0.00	54.19
CHCHD3	166.86	131.29	1.27	chr7	7q33	59	780	144.33	123.11
C20orf24	560.35	440.92	1.27	chr20	20q11.23	53	1255	259.09	69.72
LOC286370	14.55	11.45	1.27	chr9	9q22.2	1	304	0.00	60.69
Hs.667319	12.13	9.55	1.27	chr6	N/A	3	66	53.24	67.71
PITPNM1	87.39	68.78	1.27	chr11	11q13	30	577	117.63	76.82
Hs.661796	61.58	48.48	1.27	chr7	N/A	6	66	62.99	70.16
CEACAM19	64.33	50.64	1.27	chr19	19q13.31	36	497	84.06	69.83
C15orf43	13.28	10.45	1.27	chr15	15q21.1	22	385	102.97	172.47
Hs.544119	70.28	55.33	1.27	chr5	N/A	7	73	79.02	74.60
PKIG	215.77	169.88	1.27	chr20	20q12-q13.1	43	650	113.60	67.59
Hs.149917	9.79	7.71	1.27	chr13	N/A	8	377	70.27	125.56
Hs.734555	20.75	16.34	1.27	chr20	N/A	1	304	0.00	49.47
POLI	61.01	48.04	1.27	chr18	18q21.1	36	914	159.85	100.18
LOC100996255	303.17	238.80	1.27	chr15	N/A	1	304	0.00	45.05
Hs.660609	15.97	12.58	1.27	chr19	N/A	10	28	24.70	86.03
Hs.707091	544.40	428.87	1.27	chr14	N/A	25	1338	190.26	180.73
PDE4B	69.02	54.38	1.27	chr1	1p31	78	1592	247.79	162.91
Hs.118609	11.39	8.97	1.27	chr1	N/A	11	333	144.78	75.74
ABCC8	38.96	30.70	1.27	chr11	11p15.1	44	1109	110.31	134.71
LOC100505920	16.65	13.13	1.27	chr3	N/A	4	304	61.18	53.35
LOC100506122	11.76	9.27	1.27	chr4	4q32-q34	14	332	62.94	67.77
LOC100652856	12.23	9.64	1.27	chr13	N/A	2	608	45.95	116.89
SRFBP1	44.83	35.35	1.27	chr5	5q23.1	23	469	77.73	94.40
Hs.148462	16.58	13.07	1.27	chrX	N/A	6	66	84.52	106.74
Hs.460777	20.46	16.13	1.27	chr16	N/A	8	377	152.57	54.72
Hs.551743	15.22	12.01	1.27	chr21	N/A	1	304	0.00	70.00
AKR1B1	629.16	496.29	1.27	chr7	7q35	30	577	74.40	175.71
LOC100506059	12.84	10.13	1.27	chr15	N/A	10	393	135.46	99.36
Hs.706976	65.69	51.82	1.27	chr14	N/A	7	73	60.77	70.71
Hs.668460	43.11	34.02	1.27	chr5	N/A	7	73	74.49	57.20
RABEPK	94.91	74.90	1.27	chr9	9q33.3	31	891	65.78	79.07
Hs.666432	17.34	13.69	1.27	chr11	N/A	2	22	107.06	72.37
GADD45G	68.33	53.92	1.27	chr9	9q22.1-q22.2	40	605	134.87	94.36
CCDC169	17.48	13.80	1.27	chr13	13q13.3	17	1609	118.38	279.58
AQP10	21.43	16.92	1.27	chr1	1q21.3	27	360	52.55	90.19
Hs.161318	51.50	40.67	1.27	chrY	N/A	1	304	0.00	31.75
LCE4A	46.36	36.62	1.27	chr1	1q21.3	13	28	43.60	79.84
EVI5L	43.19	34.13	1.27	chr19	19p13.2	29	1379	129.11	119.80
COX4I2	79.40	62.75	1.27	chr20	20q11.21	19	388	113.19	58.81
VASN	108.55	85.79	1.27	chr16	16p13.3	26	467	133.02	61.62
Hs.544433	34.09	26.95	1.27	chr6	N/A	7	73	137.32	103.76
Hs.248158	47.37	37.45	1.26	chr2	N/A	8	377	176.56	236.71
IFT43	96.11	76.00	1.26	chr14	14q24.3	40	1145	77.72	75.60
TUBB4B	781.87	618.39	1.26	chr9	9q34	55	1458	89.22	129.08
Hs.728972	678.01	536.35	1.26	chr6	N/A	26	129	76.14	119.11
Hs.157002	19.70	15.58	1.26	chr13	N/A	2	22	111.63	92.34
Hs.543899	10.57	8.36	1.26	chr5	N/A	5	22	49.74	64.95
Hs.252588	16.38	12.96	1.26	chr18	N/A	1	304	0.00	65.31
TAS2R41	20.89	16.53	1.26	chr7	7q35	16	384	56.77	103.41
TM4SF1	284.26	224.93	1.26	chr3	3q21-q25	68	2288	163.87	171.33
Hs.340072	24.28	19.21	1.26	chr1	N/A	5	22	80.38	54.90
KIAA1024	24.40	19.31	1.26	chr15	15q25.1	20	536	137.80	142.49
CHAC1	62.75	49.67	1.26	chr15	15q15.1	21	448	101.70	83.87
Hs.594996	9.16	7.25	1.26	chrX	N/A	10	28	190.39	104.14
ZNF407	26.27	20.80	1.26	chr18	18q23	58	1687	155.00	123.91
LOC100131662	13.45	10.65	1.26	chr2	2q11.1	14	332	46.57	81.99
SNCB	47.62	37.70	1.26	chr5	5q35	42	577	119.23	167.73
FARSA	104.53	82.76	1.26	chr19	19p13.2	39	1075	78.79	87.91
AQP2	56.92	45.07	1.26	chr12	12q12-q13	63	1421	181.54	490.45
Hs.741565	209.23	165.69	1.26	chr12	N/A	5	420	188.28	102.79
Hs.605660	332.64	263.45	1.26	chr17	N/A	14	146	97.06	75.73
JAK2	47.37	37.52	1.26	chr9	9p24	61	1518	119.64	108.61
ZNF770	42.43	33.61	1.26	chr15	15q14	38	923	144.52	181.71
Hs.416061	11.12	8.81	1.26	chr2	N/A	7	73	92.35	93.28
HEPHL1	126.75	100.44	1.26	chr11	11q21	4	104	81.61	71.28
Hs.541596	17.25	13.67	1.26	chr2	N/A	10	73	108.74	157.62
RRAS2	79.61	63.09	1.26	chr11	11p15.2	54	1575	110.36	77.01
Hs.633489	20.08	15.92	1.26	chr5	N/A	9	681	70.81	72.10
Hs.741894	34.63	27.45	1.26	chr6	N/A	17	101	63.23	110.53
ETNK1	75.44	59.81	1.26	chr12	12p12.1	106	2645	408.55	256.21
Hs.603747	19.50	15.46	1.26	chr2	N/A	2	22	112.79	105.82
Hs.732652	94.62	75.02	1.26	chr5	N/A	7	73	55.81	50.31
SPG20	109.27	86.64	1.26	chr13	13q13.3	75	1920	198.34	161.01
RPA4	28.49	22.59	1.26	chrX	Xq21.33	21	463	57.84	117.16
SPAST	51.45	40.80	1.26	chr2	2p24-p21	55	1087	326.48	107.12
RNF31	46.88	37.17	1.26	chr14	14q11.2	30	1129	86.17	79.58
ARAP3	59.01	46.80	1.26	chr5	5q31.3	40	1044	113.25	84.96
ELFN2	32.70	25.94	1.26	chr22	22q13.1	24	1004	110.70	81.14

Hs.121655	22.23	17.63	1.26	chr13	N/A	4	304	46.40	61.90
Hs.560050	9.87	7.83	1.26	chr12	N/A	4	304	85.79	57.55
GZMM	35.58	28.23	1.26	chr19	19p13.3	30	577	128.82	93.46
CYP4B1	180.29	143.04	1.26	chr1	1p34-p12	38	957	189.00	309.61
Hs.667645	13.50	10.71	1.26	chr15	N/A	3	66	78.44	87.33
Hs.633910	18.18	14.43	1.26	chr22	N/A	4	304	80.59	49.46
Hs.624336	23.46	18.62	1.26	chr18	N/A	10	28	32.95	71.01
DCAF11	131.06	104.02	1.26	chr14	14q11.2	44	952	66.44	64.03
Hs.387867	43.20	34.29	1.26	chrX	N/A	11	332	32.63	61.14
RNMTL1	106.07	84.19	1.26	chr17	17p13.3	21	460	75.97	46.80
Hs.129345	5.88	4.66	1.26	chr12	N/A	4	304	22.27	76.05
Hs.659578	119.71	95.03	1.26	chr13	N/A	1	304	0.00	70.10
Hs.667170	18.73	14.87	1.26	chr1	N/A	3	66	55.68	79.46
Hs.352357	8.91	7.07	1.26	chr7	N/A	4	304	29.49	69.04
Hs.718822	108.45	86.11	1.26	chr17	N/A	1	304	0.00	46.35
DMBX1	6.40	5.08	1.26	chr1	1p33	17	334	31.95	74.17
LOC728196	13.29	10.55	1.26	chr11	11q23.1	1	304	0.00	81.39
ZNF17	18.67	14.83	1.26	chr19	19q13.4	30	718	132.28	63.88
Hs.244783	8.01	6.36	1.26	chr2	N/A	4	304	62.86	103.03
Hs.105423	9.65	7.67	1.26	chr6	N/A	10	73	91.27	109.20
LOC440894	30.92	24.56	1.26	chr2	2q13	13	393	141.03	88.38
LOC1001311195	15.43	12.26	1.26	chr10	10q11.21	10	28	35.12	86.71
LINC00485	4.49	3.57	1.26	chr12	12q23.2	1	304	0.00	84.57
PRKAG1	211.78	168.27	1.26	chr12	12q12-q14	40	650	115.83	59.55
Hs.12621	48.91	38.86	1.26	chr3	N/A	8	377	75.38	60.30
USP53	101.46	80.62	1.26	chr4	4q26	54	1638	140.33	150.40
ST20	50.44	40.08	1.26	chr15	15q25.1	23	1053	98.42	78.96
SERGEF	48.37	38.44	1.26	chr11	11p14.3	46	1529	96.12	99.25
ELK3	46.54	36.99	1.26	chr12	12q23	49	740	113.84	107.50
Hs.675439	30.18	23.99	1.26	chr13	N/A	1	304	0.00	50.68
IGF2R	175.10	139.22	1.26	chr6	6q26	43	986	139.85	59.38
Hs.707343	86.76	68.99	1.26	chr3	N/A	6	355	89.15	53.82
Hs.643495	215.74	171.59	1.26	chr5	N/A	7	73	228.28	108.19
Hs.44650	14.32	11.39	1.26	chr13	N/A	6	66	91.53	118.35
MRPS30	94.28	75.01	1.26	chr5	5q11	49	757	143.96	57.96
Hs.539839	11.86	9.44	1.26	chr14	N/A	6	66	61.01	94.25
CCZ1	109.97	87.50	1.26	chr7	7p22.1	39	572	83.44	117.78
TNIP1	160.25	127.53	1.26	chr5	5q32-q33.1	43	956	103.52	93.25
GRK5	118.35	94.20	1.26	chr10	10q26.11	51	1739	88.87	109.61
GTF2A2	172.05	136.94	1.26	chr15	15q22.2	41	1297	91.63	164.35
Hs.655078	8.36	6.66	1.26	chr3	N/A	18	405	51.53	82.78
KAT8	109.57	87.23	1.26	chr16	16p11.2	53	1216	117.21	64.51
Hs.598988	39.44	31.40	1.26	chr21	N/A	1	304	0.00	37.97
PDE2A	147.16	117.19	1.26	chr11	11q13.4	40	605	95.36	143.12
Hs.603809	174.34	138.85	1.26	chr4	N/A	7	73	64.04	72.72
FTH1	1,715.50	1,366.33	1.26	chr11	11q13	76	1149	78.11	117.53
MMP21	20.66	16.46	1.26	chr10	10q26.13	22	384	155.54	186.21
MCCC1	163.29	130.07	1.26	chr3	3q27	30	560	75.85	56.66
TMEM115	89.94	71.65	1.26	chr3	3p21.3	37	645	109.72	54.63
CASP3	68.17	54.32	1.25	chr4	4q34	73	1235	84.53	96.54
TAF6L	30.90	24.63	1.25	chr11	11q12.3	50	2229	218.14	122.80
KANSL3	117.72	93.83	1.25	chr2	2q11.2	51	1492	100.05	160.23
FOXJ2	115.11	91.77	1.25	chr12	12p13.31	48	982	159.35	84.38
C6orf147	118.77	94.69	1.25	chr6	6p21.3	37	638	116.95	83.48
Hs.659060	8.70	6.94	1.25	chr6	N/A	8	377	66.48	73.49
SAMD8	96.43	76.90	1.25	chr10	10q22.2	35	749	147.59	105.35
VBP1	233.48	186.25	1.25	chrX	Xq28	47	723	106.76	67.14
UNC93B1	43.98	35.09	1.25	chr11	11q13	43	1173	250.67	89.13
Hs.561808	14.88	11.87	1.25	chr8	N/A	10	73	106.88	89.58
TMED1	90.73	72.40	1.25	chr19	19p13.2	23	504	75.53	53.38
LCMT1	151.11	120.60	1.25	chr16	16p12.1	34	533	66.76	51.68
FBXL19	76.78	61.29	1.25	chr16	16p11.2	28	552	105.44	119.37
Hs.143949	10.85	8.67	1.25	chr1	N/A	3	326	64.31	93.43
FKBP14	45.35	36.21	1.25	chr7	7p14.3	47	1298	93.51	67.50
EXOSC10	96.27	76.87	1.25	chr1	1p36.22	40	893	83.68	106.56
LOC100505862	7.82	6.25	1.25	chr6	N/A	8	377	58.09	111.21
CPEB3	45.12	36.03	1.25	chr10	10q23.32	55	1347	120.24	92.76
TRIM40	13.53	10.81	1.25	chr6	6p22.1	17	332	285.27	56.13
FLJ45445	86.06	68.73	1.25	chr19	19p13.3	14	12	84.05	28.19
ZNF676	30.72	24.54	1.25	chr19	19p12	20	101	66.04	95.06
Hs.637575	7.90	6.31	1.25	chr4	N/A	1	304	0.00	88.22
RRAGA	439.64	351.23	1.25	chr9	9p22.1	30	577	109.14	45.07
SLC9A3	12.20	9.74	1.25	chr5	5p15.3	23	504	99.57	72.22
KEAP1	128.97	103.05	1.25	chr19	19p13.2	34	555	63.04	70.84
Hs.653980	4.58	3.66	1.25	chr13	N/A	13	28	92.64	31.35
TLN2	69.63	55.65	1.25	chr15	15q15-q21	62	1565	88.26	96.60
FSTL3	92.13	73.64	1.25	chr19	19p13	30	577	88.69	73.23
OR2A25	16.05	12.83	1.25	chr7	7q35	13	28	41.36	78.50
Hs.603556	73.67	58.91	1.25	chr6	N/A	1	304	0.00	59.53
CHPF2	94.60	75.65	1.25	chr7	7q36.1	43	979	108.39	68.62
Hs.712842	201.90	161.46	1.25	chr17	N/A	14	146	170.35	73.72
PTOV1	107.25	85.78	1.25	chr19	19q13.33	46	1329	156.15	143.74
Hs.660956	32.77	26.21	1.25	chr11	N/A	11	377	69.27	182.50
ABLIM2	60.46	48.37	1.25	chr4	4p16.1	23	1604	98.13	157.19
Hs.542573	17.19	13.75	1.25	chr21	N/A	10	73	110.59	80.60
MYB	69.71	55.77	1.25	chr6	6q22-q23	64	1349	218.95	411.72
KRTAP4-1	66.44	53.17	1.25	chr17	17q12-q21	29	412	116.42	236.29
ZFP57	26.75	21.40	1.25	chr6	6p22.1	8	372	64.49	89.86
Hs.542089	17.87	14.30	1.25	chr2	N/A	10	73	49.41	81.83
UBE4B	83.53	66.85	1.25	chr1	1p36.3	62	2326	87.79	84.51
FKBP7	41.82	33.48	1.25	chr2	2q31.2	29	1018	70.66	119.21
STK38L	111.41	89.20	1.25	chr12	12p11.23	59	1164	156.49	100.73
HEATR3	40.04	32.06	1.25	chr16	16q12.1	38	792	76.84	85.60

Hs.743885	31.46	25.19	1.25	chr8	N/A	13	28	66.90	90.33
Hs.147655	9.29	7.44	1.25	chr15	N/A	3	66	70.41	87.76
Hs.12292	11.02	8.83	1.25	chr1	N/A	4	304	49.85	65.49
EZH2	65.47	52.44	1.25	chr7	7q35-q36	35	566	227.73	172.69
Hs.731626	100.05	80.14	1.25	chr10	N/A	22	521	151.78	115.98
Hs.667857	7.29	5.84	1.25	chr10	N/A	8	377	81.65	99.50
ATXN2L	62.41	50.01	1.25	chr16	16p11	77	1459	139.59	263.66
Hs.658804	29.79	23.87	1.25	chr1	N/A	7	73	73.92	85.38
SEMG2	70.16	56.22	1.25	chr20	20q12-q13.1	44	711	411.40	350.96
OR51Q1	3.83	3.07	1.25	chr11	11p15.4	5	16	70.39	27.15
Hs.657942	138.91	111.33	1.25	chr19	N/A	9	95	181.69	88.07
Hs.732081	59.69	47.84	1.25	chr5	N/A	8	377	70.56	73.10
LOC100129620	6.50	5.21	1.25	chr1	1p21.3	11	339	139.65	72.04
Hs.710089	117.46	94.16	1.25	chr2	N/A	1	304	0.00	37.13
OR8D1	30.12	24.14	1.25	chr11	11q24.2	17	333	65.90	42.20
AGAP3	122.94	98.57	1.25	chr7	7q36.1	59	1184	105.10	105.16
NSDHL	63.66	51.04	1.25	chrX	Xq28	35	997	120.43	78.04
MGST2	371.11	297.58	1.25	chr4	4q28.3	30	577	99.55	73.01
Hs.631976	18.77	15.05	1.25	chr5	N/A	2	22	44.31	53.90
PQLC1	110.06	88.26	1.25	chr18	18q23	50	1042	158.50	113.51
Hs.491024	16.78	13.46	1.25	chr8	N/A	11	377	149.57	84.68
Hs.734029	14.66	11.75	1.25	chr5	N/A	3	343	115.30	91.40
ZNF626	55.42	44.45	1.25	chr19	19p12	52	1081	60.62	47.67
Hs.207174	6.83	5.48	1.25	chr10	N/A	7	370	52.79	92.96
YARS	168.73	135.35	1.25	chr1	1p35.1	66	1246	225.18	167.51
GDF15	67.21	53.92	1.25	chr19	19p13.11	48	1422	231.59	324.43
DBNDD1	60.66	48.67	1.25	chr16	16q24.3	38	598	144.65	115.33
Hs.719336	213.54	171.33	1.25	chr1	N/A	14	146	91.06	69.56
FAM110B	55.16	44.27	1.25	chr8	8q12.1	59	1383	81.89	85.91
SEPT11	108.18	86.82	1.25	chr4	4q21.1	85	1901	326.05	124.97
USP46	48.34	38.80	1.25	chr4	4q12	68	1838	150.00	124.69
ATP6V1F	542.20	435.23	1.25	chr7	7q32	30	577	57.83	56.52
CNKSR2	34.68	27.84	1.25	chrX	Xp22.12	74	1676	171.76	149.81
NTSDC1	131.24	105.36	1.25	chr6	6q22.1	48	834	122.02	70.48
SIN3A	56.12	45.07	1.25	chr15	15q24.2	46	1447	117.90	83.30
Hs.602281	17.07	13.71	1.25	chr4	N/A	15	450	98.11	137.84
ADAM19	70.06	56.27	1.25	chr5	5q33.3	61	1099	140.37	90.84
Hs.18070	24.52	19.70	1.25	chr19	N/A	1	304	0.00	197.92
Hs.597882	29.12	23.39	1.24	chr3	N/A	3	66	112.38	62.71
GRAMD4	104.74	84.13	1.24	chr22	22q13.31	37	588	93.82	71.78
Hs.713966	3.56	2.86	1.24	chr15	N/A	2	39	13.57	32.25
LMBR1	43.52	34.96	1.24	chr7	7q36	50	1594	95.93	101.62
MTERFD1	96.63	77.62	1.24	chr8	8q22.1	34	488	84.08	55.96
KCNQ3	44.42	35.68	1.24	chr8	8q24	63	1465	249.33	71.02
PLEKHA4	70.85	56.93	1.24	chr19	19q13.33	38	560	106.95	251.13
Hs.733612	490.88	394.41	1.24	chr1	N/A	14	146	46.06	59.93
ZNF764	41.52	33.36	1.24	chr16	16p11.2	41	959	110.40	135.09
ORAOV1	26.49	21.29	1.24	chr11	11q13.3	35	756	110.80	72.21
LOC100129973	14.45	11.61	1.24	chr15	15q21.2	24	567	117.14	150.52
TRPC7	6.87	5.52	1.24	chr5	5q31.1	22	758	150.08	80.34
FRMPD3	43.29	34.80	1.24	chrX	Xq22	16	384	70.97	61.68
TXN2	211.30	169.88	1.24	chr22	22q13.1	42	1070	73.99	54.21
Hs.655924	77.23	62.09	1.24	chr4	N/A	14	146	119.43	80.35
Hs.142910	15.93	12.81	1.24	chr10	N/A	7	630	72.80	97.19
PRR7	73.06	58.74	1.24	chr5	5q35.3	49	555	172.03	291.38
Hs.656150	9.33	7.50	1.24	chr2	N/A	1	304	0.00	65.99
NTHL1	53.86	43.31	1.24	chr16	16p13.3	30	577	71.86	70.95
GGA3	125.22	100.70	1.24	chr17	17q25.1	41	992	173.69	116.90
Hs.617357	8.81	7.08	1.24	chr1	N/A	9	28	124.11	49.22
BCL6B	57.45	46.21	1.24	chr17	17p13.1	46	1474	155.70	79.93
APLN	66.52	53.52	1.24	chrX	Xq25	46	828	62.62	106.38
NPW	8.06	6.49	1.24	chr16	16p13.3	11	344	32.47	144.05
MITF	95.28	76.66	1.24	chr3	3p14.2-p14.1	87	1420	125.45	105.80
COL4A2	399.08	321.15	1.24	chr13	13q34	39	1064	96.16	132.60
FAM65A	297.12	239.16	1.24	chr16	16q22.1	43	981	115.55	179.95
Hs.595843	123.67	99.57	1.24	chr3	N/A	7	73	123.81	76.31
PANX3	30.55	24.60	1.24	chr11	11q24.2	22	451	78.82	203.25
Hs.465918	24.07	19.39	1.24	chr19	N/A	2	22	104.88	49.65
Hs.194980	8.98	7.23	1.24	chr14	N/A	4	304	42.69	66.37
TENM4	46.97	37.84	1.24	chr11	11q14.1	30	732	255.75	111.77
Hs.539444	28.17	22.70	1.24	chr12	N/A	9	316	21.78	55.14
LINC00314	8.25	6.64	1.24	chr21	21q21.3	17	335	119.10	162.37
Hs.652649	17.71	14.27	1.24	chr10	N/A	2	22	82.17	60.59
Hs.12316	34.55	27.85	1.24	chr3	N/A	8	377	55.48	153.97
HFE	65.01	52.41	1.24	chr6	6p21.3	185	6597	219.43	83.68
DYNC1L1	119.49	96.33	1.24	chr3	3p22.3	39	870	104.72	78.73
FAM127C	31.54	25.43	1.24	chrX	Xq26.3	10	73	69.99	75.68
Hs.660212	34.62	27.92	1.24	chr5	N/A	7	73	39.24	45.37
SAMD14	40.22	32.43	1.24	chr17	17q21.33	38	1861	131.96	81.94
Hs.601877	36.07	29.09	1.24	chr6	N/A	2	608	43.52	58.46
HARS2	95.00	76.61	1.24	chr5	5q31.3	52	730	148.74	78.25
PPP1R3B	67.25	54.23	1.24	chr8	8p23.1	50	1195	124.06	144.31
Hs.666420	9.92	8.00	1.24	chr4	N/A	3	66	24.70	68.92
Hs.544197	13.37	10.78	1.24	chr5	N/A	5	22	79.61	104.23
Hs.130048	16.12	13.00	1.24	chr8	N/A	17	146	88.95	82.76
TICAM1	56.57	45.66	1.24	chr19	19p13.3	39	527	98.56	86.62
C11orf96	460.71	371.82	1.24	chr11	11p11.2	24	778	140.24	181.35
CASK	80.57	65.04	1.24	chrX	Xp11.4	77	2353	348.86	129.95
SCRN3	27.64	22.32	1.24	chr2	2q31.1	42	1457	111.77	92.47
UCN2	129.10	104.23	1.24	chr3	3p21.3	17	344	75.35	530.22
MIR137HG	5.03	4.06	1.24	chr1	1p21.3	15	636	65.15	88.04
LOC100147773	16.93	13.67	1.24	chr1	N/A	11	337	224.23	56.51
NANOS1	41.39	33.42	1.24	chr10	10q26.11	43	838	94.79	125.21

LOC100506753	15.05	12.16	1.24	chr8	N/A	8	51	89.53	64.52
SLC4A5	28.91	23.35	1.24	chr2	2p13	41	1559	123.93	75.23
Hs.549727	5.94	4.80	1.24	chr1	N/A	4	304	60.97	67.87
Hs.597002	29.87	24.13	1.24	chr1	N/A	3	66	27.08	58.92
Hs.720282	102.47	82.78	1.24	chr11	N/A	8	377	41.28	86.47
EFCAB3	12.22	9.88	1.24	chr17	17q23.2	24	436	55.18	101.35
OR52D1	65.31	52.77	1.24	chr11	11p15.4	6	356	129.56	121.35
ZDHH1	24.72	19.98	1.24	chr16	16q22.1	23	1053	141.25	75.37
LYRM1	155.89	125.97	1.24	chr16	16p11.2	28	550	121.46	55.08
RANBP1	116.23	93.94	1.24	chr22	22q11.21	51	1431	86.79	134.95
RPL38	1,735.07	1,402.34	1.24	chr17	17q25.1	38	1410	77.25	96.08
FBLN1	249.68	201.80	1.24	chr22	22q13.31	91	2419	174.43	169.44
Hs.591248	36.62	29.60	1.24	chr5	N/A	15	450	104.96	99.44
SBF2	90.90	73.49	1.24	chr11	11p15.4	66	1323	306.89	101.28
CD68	129.81	104.96	1.24	chr17	17p13	50	723	148.64	195.61
Hs.683801	45.17	36.52	1.24	chr19	N/A	1	304	0.00	43.26
GCDH	71.10	57.49	1.24	chr19	19p13.2	47	1106	60.89	70.38
TMEM50B	196.41	158.83	1.24	chr21	21q22.11	61	1980	136.56	99.78
LOC100505519	60.84	49.20	1.24	chr6	N/A	8	377	61.05	64.15
LOC100288198	17.36	14.04	1.24	chr6	6q14.1	10	725	89.37	75.29
TBX10	37.70	30.49	1.24	chr11	11q13.2	28	912	79.85	68.74
CCL3L1	115.38	93.31	1.24	chr17	17q21.1	15	22	174.91	84.05
PLEKHA3	90.22	72.98	1.24	chr2	2q31.2	62	1279	123.11	87.92
YRDC	71.53	57.85	1.24	chr1	1p34.3	32	835	85.55	67.98
CCBL1	53.13	42.99	1.24	chr9	9q34.11	36	1286	86.35	96.59
Hs.571709	10.82	8.75	1.24	chrX	N/A	10	28	19.12	37.87
PPM1L	39.58	32.03	1.24	chr3	3q26.1	26	1051	186.92	315.46
LAMAS	115.42	93.41	1.24	chr20	20q13.2-q13.3	31	876	187.01	88.00
Hs.657099	13.54	10.96	1.24	chr5	N/A	6	326	78.44	84.55
FRG1	114.08	92.34	1.24	chr4	4q35	47	678	74.68	74.01
Hs.436589	13.67	11.07	1.24	chr1	N/A	8	377	133.51	177.84
KRTCAP2	376.16	304.60	1.23	chr1	1q22	34	858	148.39	127.45
GFMI	88.76	71.88	1.23	chr3	3q25	59	2249	120.73	112.26
GAB3	37.59	30.45	1.23	chrX	Xq28	36	887	84.08	120.32
Hs.672073	8.56	6.93	1.23	chr2	N/A	2	608	23.99	65.24
Hs.543734	9.06	7.34	1.23	chr4	N/A	2	22	24.06	47.16
PREPL	149.61	121.20	1.23	chr2	2p21	81	1918	184.69	135.80
Hs.130477	23.46	19.01	1.23	chr2	N/A	7	73	138.62	82.29
Hs.652655	7.49	6.07	1.23	chr4	N/A	5	22	85.64	128.13
MRPS31	116.31	94.25	1.23	chr13	13q14.11	44	1418	95.82	237.42
Hs.54940	10.05	8.14	1.23	chr15	N/A	18	450	137.05	90.01
PD1	44.67	36.20	1.23	chr2	2q37.3	23	504	115.89	78.17
RMND5A	89.73	72.72	1.23	chr2	2p11.2	87	1754	125.41	92.55
Hs.639142	20.23	16.39	1.23	chr17	N/A	1	304	0.00	63.28
Hs.662244	109.33	88.62	1.23	chr11	N/A	22	523	106.46	265.62
Hs.537150	21.41	17.36	1.23	chr11	N/A	6	66	57.01	89.27
RAVER1	90.92	73.71	1.23	chr19	19p13.2	33	485	178.30	68.93
FBXW11	107.96	87.53	1.23	chr5	5q35.1	74	1300	133.48	96.63
ADM	291.97	236.75	1.23	chr11	11p15.4	46	699	82.01	106.62
Hs.734671	37.73	30.60	1.23	chr4	N/A	1	306	0.00	34.61
PLAA	42.48	34.45	1.23	chr9	9p21	52	1329	93.58	77.12
CHML	24.08	19.53	1.23	chr1	1q42-qter	59	2261	98.74	149.18
KANK3	61.62	49.98	1.23	chr19	19p13.2	47	661	104.85	105.62
Hs.668152	10.34	8.39	1.23	chr13	N/A	2	22	69.95	72.77
CUEDC1	81.77	66.36	1.23	chr17	17q23.2	36	898	214.60	85.76
ACADS	97.64	79.24	1.23	chr12	12q24.31	30	571	92.76	83.49
ERCC3	173.05	140.44	1.23	chr2	2q21	30	577	143.40	139.00
NEUROG3	23.88	19.38	1.23	chr10	10q21.3	23	492	153.35	217.99
Hs.475809	10.52	8.54	1.23	chr3	N/A	2	22	89.34	46.48
CMA1	26.16	21.23	1.23	chr14	14q11.2	23	504	101.69	65.51
Hs.697252	170.86	138.71	1.23	chr2	N/A	7	73	96.03	90.38
TMEM173	156.09	126.71	1.23	chr5	5q31.2	22	721	85.99	67.13
FAM124A	38.00	30.85	1.23	chr13	13q14.3	57	1806	173.55	198.41
RPP21	139.33	113.12	1.23	chr6	6p22.1	28	533	142.48	43.56
OR7E24	23.40	19.00	1.23	chr19	19p13.2	23	487	74.60	65.99
ZFP36L1	91.31	74.14	1.23	chr14	14q22-q24	42	555	118.59	221.38
GJD3	58.56	47.55	1.23	chr17	17q21.2	22	720	59.85	87.81
FOXR1	9.05	7.35	1.23	chr11	11q23.3	28	385	94.03	58.61
Hs.563637	9.40	7.64	1.23	chr9	N/A	10	73	69.19	66.13
RAB11FIP3	100.01	81.24	1.23	chr16	16p13.3	42	1057	115.47	118.41
VWC2L	7.64	6.21	1.23	chr2	2q34-q35	5	16	58.96	56.95
Hs.510068	16.84	13.68	1.23	chr14	N/A	11	342	169.36	93.17
G0S2	660.34	536.54	1.23	chr1	1q32.2	30	577	61.26	208.19
DNAI2	29.78	24.19	1.23	chr17	17q25	26	879	241.67	150.12
ZNF467	63.88	51.91	1.23	chr7	7q36.1	57	1085	166.10	193.20
PCDHA3	4.17	3.39	1.23	chr5	5q31	5	39	17.06	35.23
NOP10	524.00	425.87	1.23	chr15	15q14-q15	28	533	65.86	48.10
DAPK2	61.51	50.00	1.23	chr15	15q22.31	32	995	58.57	75.36
AQP12B	24.16	19.64	1.23	chr2	2q37.3	11	332	37.54	84.74
SPACA1	11.81	9.60	1.23	chr6	6q15	21	454	61.63	274.20
CDC25A	41.04	33.36	1.23	chr3	3p21	65	1514	167.02	179.83
Hs.525015	45.65	37.11	1.23	chr11	N/A	11	377	79.67	55.43
Hs.563383	10.45	8.50	1.23	chr6	N/A	10	73	83.32	81.85
DCAF5	90.62	73.69	1.23	chr14	14q23-q24.1	98	2252	173.34	98.30
LINGO1	74.37	60.48	1.23	chr15	15q24.3	32	482	104.17	130.49
Hs.149036	13.65	11.10	1.23	chr5	N/A	5	22	50.80	73.48
MGEA5	193.16	157.11	1.23	chr10	10q24.1-q24.3	59	2126	105.37	93.81
Hs.563551	10.41	8.47	1.23	chr8	N/A	4	304	48.05	57.34
Hs.540071	17.69	14.39	1.23	chr14	N/A	10	73	100.46	84.10
C16orf95	45.19	36.79	1.23	chr16	16q24.2	18	417	78.33	392.77
CDC42EP4	164.90	134.23	1.23	chr17	17q24-q25	48	1402	147.82	86.39
TRNAU1AP	47.96	39.04	1.23	chr1	1p35.3	52	1197	105.89	82.05
HECTD1	153.18	124.72	1.23	chr14	14q12	54	2255	129.52	142.67

COL4A4	38.11	31.03	1.23	chr2	2q35-q37	48	1411	147.00	166.16
SLC12A4	43.26	35.22	1.23	chr16	16q22.1	57	2292	75.14	83.89
SHISA9	33.63	27.39	1.23	chr16	16p13.12	39	765	89.48	66.76
PKNOX1	33.09	26.96	1.23	chr21	21q22.3	87	2447	148.40	110.24
BTRC	51.49	41.95	1.23	chr10	10q24.32	78	2335	144.75	101.67
Hs.602604	151.83	123.72	1.23	chr20	N/A	7	73	47.78	51.70
CATSPER2	45.15	36.79	1.23	chr15	15q15.3	41	1121	234.59	89.25
Hs.600003	293.82	239.45	1.23	chr9	N/A	7	73	126.38	101.10
MAD2L1BP	100.47	81.89	1.23	chr6	6p21.1	36	572	96.92	111.34
FOXD2-AS1	17.69	14.42	1.23	chr1	1p33	15	636	108.40	87.41
LMBRD2	22.05	17.98	1.23	chr5	5p13.2	64	960	151.84	116.84
Hs.595643	93.38	76.14	1.23	chr11	N/A	7	73	49.91	67.40
MRPL18	275.92	225.01	1.23	chr6	6q25.3	31	533	66.12	38.69
Hs.132368	18.54	15.12	1.23	chrX	N/A	5	22	68.22	83.73
C4orf33	18.26	14.90	1.23	chr4	4q28.2	21	1004	104.35	126.56
GPHN	59.26	48.34	1.23	chr14	14q23.3	49	1344	195.95	61.69
Hs.135587	20.08	16.38	1.23	chr4	N/A	10	459	40.41	78.86
POTEA	12.90	10.53	1.23	chr8	8p11.1	10	104	64.40	101.55
ANKFN1	24.19	19.74	1.23	chr17	17q22	30	716	350.41	167.45
Hs.549963	6.97	5.68	1.23	chr20	N/A	4	304	28.97	86.39
ENTPD2	37.56	30.66	1.23	chr9	9q34	34	870	133.50	135.14
SRM	160.25	130.79	1.23	chr1	1p36-p22	32	616	90.50	57.24
STX5	115.34	94.14	1.23	chr11	11q12.3	43	650	103.51	98.88
WIZ	70.38	57.45	1.23	chr19	19p13.1	53	1978	145.50	120.57
Hs.530159	26.84	21.91	1.23	chr8	N/A	15	450	122.10	50.91
ZNF853	46.09	37.63	1.22	chr7	7p22.1	27	723	167.01	107.60
MCF2L2	9.10	7.43	1.22	chr3	3q27.1	43	591	103.29	135.24
C12orf74	7.69	6.28	1.22	chr12	12q22	11	333	117.89	72.09
Hs.600361	29.39	24.00	1.22	chr12	N/A	7	73	59.66	72.22
DNAJC30	91.58	74.77	1.22	chr7	7q11.23	52	1251	225.07	130.53
Hs.444813	12.22	9.97	1.22	chr22	N/A	4	304	85.47	54.50
LSM2	117.93	96.31	1.22	chr6	6p21.3	28	555	127.65	56.71
USP46-AS1	14.13	11.54	1.22	chr4	4q12	1	304	0.00	69.73
FLJ32955	19.09	15.59	1.22	chr2	2q23.3	18	636	73.70	66.85
RASSF4	88.34	72.16	1.22	chr10	10q11.21	62	1735	86.37	306.93
Hs.664734	12.48	10.19	1.22	chr22	N/A	7	73	118.85	93.55
GABRB3	48.28	39.43	1.22	chr15	15q12	67	1629	458.22	194.95
Hs.667089	19.76	16.14	1.22	chr10	N/A	7	73	67.65	59.60
GSN	645.29	527.13	1.22	chr9	9q33	72	1791	156.84	204.83
Hs.125477	21.00	17.16	1.22	chr17	N/A	10	73	107.44	100.82
PAIP2B	116.96	95.55	1.22	chr2	2p13.3	47	783	112.24	126.00
Hs.667808	20.80	16.99	1.22	chr2	N/A	2	16	72.58	14.89
PTK2B	51.58	42.14	1.22	chr8	8p21.1	68	1253	156.26	117.39
MRPS5	170.66	139.42	1.22	chr2	2p11.2-q11.2	43	1527	179.82	159.73
DHH	27.97	22.85	1.22	chr12	12q13.1	21	427	76.93	101.79
TMEM161B-AS1	33.04	27.00	1.22	chr5	N/A	21	1328	82.82	73.79
PGA5	16.30	13.33	1.22	chr11	11q13	25	99	58.29	97.67
OR52K2	47.72	39.01	1.22	chr11	11p15.4	16	28	64.65	78.33
Hs.593188	94.93	77.61	1.22	chr5	N/A	7	73	78.53	41.79
C19orf60	171.97	140.61	1.22	chr19	19p13.11	30	953	95.26	79.92
Hs.726725	578.06	472.70	1.22	chr16	N/A	7	73	92.05	80.91
Hs.656844	57.18	46.77	1.22	chr5	N/A	3	66	80.10	102.66
LOC645434	11.65	9.53	1.22	chr6	6q24.1	17	146	147.42	84.30
Hs.737551	16.27	13.31	1.22	chr11	N/A	1	304	0.00	63.81
SCARA5	178.10	145.70	1.22	chr8	8p21.1	43	1116	107.30	215.02
Hs.597241	588.93	481.83	1.22	chr5	N/A	2	22	82.34	42.73
Hs.724207	30.45	24.91	1.22	chr18	N/A	1	304	0.00	48.47
Hs.444593	28.89	23.64	1.22	chr15	N/A	4	370	54.96	49.06
PDE1A	31.10	25.45	1.22	chr2	2q32.1	89	2620	108.48	138.65
POMT1	69.63	56.99	1.22	chr9	9q34.1	51	651	63.00	79.64
FUT11	26.60	21.77	1.22	chr10	10q22.2	23	126	101.06	54.62
Hs.618609	4.28	3.51	1.22	chr5	N/A	10	28	52.43	53.41
Hs.677296	16.66	13.64	1.22	chr6	N/A	1	304	0.00	72.75
SLC30A2	38.79	31.75	1.22	chr1	1p35.3	33	716	113.25	88.59
RHBDL3	37.84	30.98	1.22	chr17	17q11.2	26	1402	101.63	104.37
Hs.607034	53.30	43.64	1.22	chr22	N/A	10	28	47.26	60.22
PSMD12	155.37	127.23	1.22	chr17	17q24.2	54	1025	173.79	68.31
RBM22	111.44	91.26	1.22	chr5	5q33.1	48	1546	184.26	73.48
Hs.603233	26.19	21.44	1.22	chr8	N/A	2	22	60.52	70.34
CEBPE	38.97	31.92	1.22	chr14	14q11.2	23	498	91.92	106.78
RRAGB	33.29	27.26	1.22	chrX	Xp11.21	36	577	123.45	104.85
Hs.124623	19.27	15.78	1.22	chr21	N/A	6	66	66.13	93.87
Hs.597895	26.33	21.56	1.22	chr11	N/A	4	304	19.68	58.87
LRFN3	34.35	28.14	1.22	chr19	19q13.12	38	549	125.42	99.09
GFM2	82.21	67.37	1.22	chr5	5q13	48	1178	96.74	103.36
Hs.135718	43.10	35.32	1.22	chr14	N/A	10	73	163.76	149.52
Hs.149142	47.69	39.09	1.22	chr14	N/A	1	304	0.00	34.25
MYSM1	39.57	32.44	1.22	chr1	1p32.1	24	761	98.40	161.31
Hs.720591	14.58	11.95	1.22	chr10	N/A	7	73	52.38	67.58
Hs.657059	18.12	14.86	1.22	chr5	N/A	7	73	52.32	76.15
Hs.657682	28.96	23.74	1.22	chr2	N/A	8	377	89.73	102.17
PREB	119.58	98.03	1.22	chr2	2p23.3	29	842	65.51	86.66
Hs.432792	51.13	41.92	1.22	chr7	N/A	4	304	54.55	150.79
SOX1	29.82	24.45	1.22	chr13	13q34	53	1335	186.56	188.39
CLIP1	97.19	79.70	1.22	chr12	12q24.3	70	2328	100.67	125.99
GSTM4	115.30	94.56	1.22	chr1	1p13.3	56	1026	235.90	271.71
Hs.660816	21.12	17.32	1.22	chr2	N/A	10	399	73.10	144.05
ZFX	56.19	46.09	1.22	chrX	Xp21.3	75	1860	182.97	176.80
C17orf72	150.15	123.16	1.22	chr17	17q23.3	25	879	183.03	177.73
HOXA6	26.99	22.14	1.22	chr7	7p15.2	18	458	175.87	72.56
ID1	451.23	370.22	1.22	chr20	20q11	55	685	103.47	101.33
SLC25A39	249.15	204.44	1.22	chr17	17q12	23	500	135.47	140.51
CTBP1-AS1	52.80	43.33	1.22	chr4	4p16.3	30	728	50.82	69.02

KIRREL	24.41	20.04	1.22	chr1	1q21-q25	36	893	57.70	72.36
ITGAV	297.87	244.50	1.22	chr2	2q31-q32	62	827	100.10	103.57
SLC29A2	43.28	35.52	1.22	chr11	11q13	44	1811	78.94	104.37
GRASP	116.06	95.27	1.22	chr12	12q13.13	22	456	77.76	94.11
FLJ22763	14.73	12.09	1.22	chr3	3q13.13	11	332	145.61	240.71
Hs.731444	956.50	785.27	1.22	chr1	N/A	7	73	114.73	81.35
ARHGEF39	62.70	51.48	1.22	chr9	9p13.3	50	864	295.30	91.40
LILRA1	20.49	16.83	1.22	chr19	19q13.4	54	1133	109.46	83.47
Hs.667176	8.50	6.98	1.22	chr2	N/A	2	22	52.79	91.32
TIMM10	172.68	141.83	1.22	chr11	11q12.1-q12.3	29	842	51.08	57.25
LOC100506236	14.88	12.22	1.22	chr7	N/A	14	332	111.18	247.21
ITPKA	30.18	24.79	1.22	chr15	15q15.1	30	577	93.17	192.70
SHANK1	21.41	17.59	1.22	chr19	19q13.3	21	465	80.44	56.34
C12orf52	49.10	40.33	1.22	chr12	12q24.13	43	981	67.99	89.74
TNRC18	97.44	80.04	1.22	chr7	7p22.1	85	2820	159.70	173.08
MYADM	413.40	339.66	1.22	chr19	19q13.42	79	1069	157.91	124.45
ABCC1	179.05	147.15	1.22	chr16	16p13.1	52	1120	179.93	205.90
ASZ1	26.91	22.12	1.22	chr7	7q31.2	22	385	240.28	216.02
KCNK5	67.95	55.85	1.22	chr6	6p21	28	535	139.13	126.35
Hs.252746	8.20	6.74	1.22	chr6	N/A	3	66	54.89	136.90
REPS2	68.53	56.35	1.22	chrX	Xp22.2	68	1359	230.35	195.75
FRMD5	116.39	95.71	1.22	chr15	15q15.3	29	557	163.78	221.71
GNAT1	15.50	12.75	1.22	chr3	3p21	52	1091	126.95	91.98
OR13J1	166.70	137.10	1.22	chr9	9p13.3	8	52	82.76	49.19
TARSL2	63.00	51.82	1.22	chr15	15q26.3	24	804	60.63	78.16
DPY19L2	57.71	47.47	1.22	chr12	12q14.2	94	1041	162.26	163.28
PAK2	73.43	60.41	1.22	chr3	3q29	87	2848	175.05	115.22
NAV1	92.52	76.12	1.22	chr1	1q32.3	74	3112	162.72	102.32
Hs.677089	4.47	3.68	1.22	chr3	N/A	1	304	0.00	87.10
Hs.146552	7.28	5.99	1.22	chr12	N/A	2	22	32.84	61.35
CACNA1G-AS1	24.30	20.00	1.21	chr17	17q21.33	4	304	46.90	38.78
Hs.548282	12.26	10.09	1.21	chr11	N/A	1	304	0.00	51.65
CLCN1	33.61	27.67	1.21	chr7	7q35	23	503	102.60	100.66
Hs.666878	6.76	5.57	1.21	chr3	N/A	3	326	33.66	81.03
BTF3L4	76.34	62.85	1.21	chr1	1p32.3	51	1579	83.22	106.48
Hs.598928	49.21	40.52	1.21	chr9	N/A	13	94	51.73	99.74
Hs.745102	243.81	200.78	1.21	chr2	N/A	7	73	101.81	53.80
Hs.657897	20.12	16.57	1.21	chr11	N/A	14	532	122.51	90.76
KTN1	602.88	496.55	1.21	chr14	14q22.1	54	1563	234.19	87.71
MTFP1	59.89	49.33	1.21	chr22	22q	32	467	113.26	84.82
C1orf21	106.28	87.54	1.21	chr1	1q25	67	1736	98.16	112.85
ZNF614	29.43	24.25	1.21	chr19	19q13.41	50	1228	71.28	78.04
SPG7	116.45	95.94	1.21	chr16	16q24.3	96	2530	154.81	102.98
CHRD	48.22	39.73	1.21	chr3	3q27	45	1008	87.79	106.68
RHEB	202.60	166.95	1.21	chr7	7q36	72	3303	139.54	138.51
ACOT13	298.44	245.94	1.21	chr6	6p22.3	50	801	140.77	170.26
Hs.606508	11.63	9.58	1.21	chr16	N/A	1	304	0.00	70.69
LHX2	20.61	16.98	1.21	chr9	9q33.3	35	1010	428.95	188.97
NFYC	84.74	69.84	1.21	chr1	1p32	64	2513	97.42	107.67
HPS6	74.24	61.20	1.21	chr10	10q24.32	38	951	123.01	88.95
NKD2	84.94	70.01	1.21	chr5	5p15.3	36	497	92.11	134.83
ARSI	36.55	30.13	1.21	chr5	5q32	25	509	178.14	120.80
Hs.669325	30.68	25.29	1.21	chr9	N/A	21	360	32.69	57.65
LOC100506331	11.88	9.79	1.21	chr9	N/A	1	304	0.00	64.87
TIMM44	61.47	50.68	1.21	chr19	19p13.3-p13.2	40	1047	62.56	68.47
Hs.666539	18.62	15.35	1.21	chrX	N/A	2	22	39.02	67.22
Hs.149042	10.65	8.78	1.21	chr2	N/A	5	22	32.72	70.58
LOC100130992	12.36	10.20	1.21	chr10	10p12.31	20	377	72.05	87.55
ENOX2	38.01	31.35	1.21	chrX	Xq25	62	2169	104.41	101.28
ZNF302	101.98	84.13	1.21	chr19	19q13.11	63	1323	168.08	99.70
Hs.603523	19.84	16.37	1.21	chr16	N/A	7	73	87.54	82.37
TMED7	193.95	160.03	1.21	chr5	5q22.3	31	633	187.83	149.33
TRIM6	59.28	48.91	1.21	chr11	11p15.4	81	1230	333.86	223.91
TBC1D13	104.57	86.29	1.21	chr9	9q34.11	33	953	74.65	86.09
DEND6A	51.99	42.90	1.21	chr3	3p14.3	29	171	78.12	103.02
Hs.199349	7.38	6.09	1.21	chr2	N/A	1	304	0.00	77.20
Hs.560388	10.93	9.02	1.21	chr15	N/A	2	22	62.42	86.80
Hs.652563	7.07	5.84	1.21	chr2	N/A	4	304	71.25	75.95
ZNF699	46.67	38.53	1.21	chr19	19p13.2	8	62	87.01	84.00
Hs.667460	17.16	14.17	1.21	chr3	N/A	2	22	66.89	72.60
CCDC50	143.11	118.17	1.21	chr3	3q28	107	2200	274.21	99.91
C19orf44	52.75	43.56	1.21	chr19	19p13.11	20	688	93.72	88.48
CDC5L	112.57	92.96	1.21	chr6	6p21	64	1994	215.76	229.45
IL15	42.47	35.07	1.21	chr4	4q31	58	1157	209.63	97.25
BYSL	61.84	51.07	1.21	chr6	6p21.1	30	577	64.49	60.67
Hs.568550	14.50	11.97	1.21	chr1	N/A	7	73	129.41	155.55
PHKB	121.50	100.35	1.21	chr16	16q12-q13	69	1846	117.94	83.44
Hs.732322	111.93	92.45	1.21	chr19	N/A	7	73	82.20	72.30
PCDHB8	11.31	9.34	1.21	chr5	5q31	21	454	51.06	86.82
Hs.659744	7.25	5.99	1.21	chr9	N/A	8	377	30.67	92.96
ZNF33A	72.43	59.84	1.21	chr10	10p11.2	46	1069	282.46	119.75
WDR1	221.28	182.82	1.21	chr4	4p16.1	84	2259	153.78	105.27
HEBP2	439.71	363.31	1.21	chr6	6q24	30	577	54.68	79.31
FGD5-AS1	116.95	96.63	1.21	chr3	N/A	17	101	59.18	62.76
MMP28	55.77	46.09	1.21	chr17	17q21.1	51	1784	134.07	121.28
KLRC4	12.25	10.13	1.21	chr12	12p13.2-p12.3	27	578	88.17	94.03
GSTK1	249.24	206.02	1.21	chr7	7q34	51	994	159.61	159.08
Hs.382969	29.60	24.47	1.21	chr2	N/A	10	28	46.02	59.11
Hs.720526	35.92	29.69	1.21	chr16	N/A	9	89	148.90	77.57
CCDC89	12.61	10.43	1.21	chr11	11q14.1	19	384	96.22	144.06
PIK3R2	53.91	44.57	1.21	chr19	19q13.2-q13.4	50	1010	205.71	72.02
Hs.666804	7.86	6.50	1.21	chr5	N/A	1	304	0.00	55.54
THBD	136.98	113.26	1.21	chr20	20p11.2	49	1363	87.63	228.27

Hs.606744	77.58	64.15	1.21	chr9	N/A	1	304	0.00	84.21
HIST1H4H	23.38	19.34	1.21	chr6	6p22.1	37	1261	80.15	76.58
PRICKLE1	83.79	69.31	1.21	chr12	12q12	33	1454	115.55	117.23
TSSK1B	15.03	12.43	1.21	chr5	5q22.2	24	518	77.65	303.67
Hs.124627	11.91	9.85	1.21	chr8	N/A	7	73	124.32	70.54
KLHL36	35.77	29.60	1.21	chr16	16q24.1	38	573	97.97	67.31
Hs.137641	16.74	13.85	1.21	chr11	N/A	5	22	76.03	163.36
ACOX2	116.73	96.59	1.21	chr3	3p14.3	44	723	114.07	136.50
PUF60	263.25	217.88	1.21	chr8	8q24.3	49	725	90.36	53.51
Hs.535810	7.32	6.06	1.21	chr5	N/A	8	377	53.10	135.25
DUS3L	30.58	25.31	1.21	chr19	19p13.3	27	771	106.71	88.12
LRR1M4	12.75	10.55	1.21	chr2	2p12	33	496	97.91	110.67
METRNL	214.07	177.23	1.21	chr17	17q25.3	29	342	106.38	77.23
BDNF-AS	7.37	6.10	1.21	chr11	11p14.1	2	618	57.07	86.66
LOC100506813	42.36	35.09	1.21	chr22	N/A	1	304	0.00	36.48
PEX3	70.26	58.20	1.21	chr6	6q24.2	48	1422	109.18	78.05
CAMK2D	107.94	89.41	1.21	chr4	4q26	116	2325	155.16	119.99
TMEM129	130.02	107.71	1.21	chr4	4p16.3	27	773	92.77	63.85
Hs.105016	40.32	33.41	1.21	chr1	N/A	8	377	122.53	75.56
UCHL3	215.93	178.89	1.21	chr13	13q22.2	30	577	138.83	159.93
Hs.603800	11.33	9.39	1.21	chr3	N/A	13	725	59.98	143.53
C4orf36	10.72	8.88	1.21	chr4	4q21.3	19	354	92.94	138.14
DHX37	41.74	34.60	1.21	chr12	12q24.31	30	804	119.46	76.64
CDC26	149.08	123.57	1.21	chr9	9q32	21	421	101.68	49.80
Hs.686516	8.98	7.44	1.21	chr10	N/A	1	304	0.00	80.05
FAM50A	145.69	120.77	1.21	chrX	Xq28	33	606	132.18	59.92
Hs.677046	46.29	38.38	1.21	chr5	N/A	1	304	0.00	60.40
Hs.656630	526.49	436.53	1.21	chrX	N/A	1	304	0.00	88.14
KLHL22	42.85	35.54	1.21	chr22	22q11.21	58	2241	150.84	96.06
MRPL1	159.12	131.94	1.21	chr4	4q21.1	33	542	109.10	57.40
DNAJC21	49.94	41.41	1.21	chr5	5p13.2	65	2398	88.25	124.33
NAA20	313.06	259.62	1.21	chr20	20p11.23	30	417	113.07	52.30
CCDC125	30.76	25.51	1.21	chr5	5q13.2	35	786	136.73	101.73
TANGO2	95.08	78.86	1.21	chr22	22q11.21	27	372	182.65	65.61
Hs.664289	15.36	12.74	1.21	chr4	N/A	1	304	0.00	70.94
ATP11A	37.30	30.94	1.21	chr13	13q34	110	2835	148.43	132.39
B3GALT6	68.36	56.71	1.21	chr1	1p36.33	37	1202	84.88	109.60
Hs.130431	17.59	14.60	1.21	chr7	N/A	10	73	73.63	116.00
Hs.667603	53.01	43.97	1.21	chr21	N/A	2	22	15.20	67.65
ARHGEF7	86.15	71.47	1.21	chr13	13q34	85	3377	159.90	110.87
CDK16	114.01	94.60	1.21	chrX	Xp11	61	1641	108.06	74.21
CAV1	727.04	603.32	1.21	chr7	7q31.1	70	1242	109.01	134.02
CATSPER4	16.98	14.10	1.20	chr1	1p35.3	13	28	60.87	65.96
HORMAD1	46.70	38.77	1.20	chr1	1q21.3	38	583	339.27	288.89
Hs.536380	11.68	9.70	1.20	chr14	N/A	1	304	0.00	62.15
DENND5A	262.67	218.07	1.20	chr11	11p15.4	30	572	146.76	97.65
DOPEY2	32.72	27.17	1.20	chr21	21q22.2	42	1070	138.21	97.52
Hs.146250	17.79	14.77	1.20	chr5	N/A	11	377	114.47	68.80
B4GALT3	95.77	79.53	1.20	chr1	1q21-q23	31	881	81.45	81.92
FAM162A	434.86	361.14	1.20	chr3	3q21.1	35	1566	83.02	94.74
MYOG	39.22	32.58	1.20	chr1	1q31-q41	40	605	58.83	92.89
ASPSCR1	55.54	46.14	1.20	chr17	17q25.3	37	491	166.17	70.69
Hs.436378	3.06	2.54	1.20	chr5	N/A	2	16	19.63	53.35
Hs.651625	12.55	10.43	1.20	chr8	N/A	5	22	52.89	64.23
Hs.649268	13.65	11.35	1.20	chr9	N/A	10	73	79.54	92.16
Hs.736501	17.33	14.40	1.20	chr11	N/A	1	304	0.00	55.32
Hs.658031	12.49	10.38	1.20	chr9	N/A	15	450	84.03	96.52
Hs.586747	310.58	258.25	1.20	chr11	N/A	2	608	135.26	156.86
Hs.666652	21.49	17.87	1.20	chr1	N/A	7	73	79.69	61.46
ZNF140	60.97	50.70	1.20	chr12	12q24.33	36	932	274.16	81.16
FER1L5	21.11	17.56	1.20	chr2	2q11.2	15	452	81.53	137.73
Hs.667905	12.67	10.53	1.20	chr15	N/A	1	304	0.00	94.29
Hs.593351	184.82	153.77	1.20	chr7	N/A	8	377	50.26	114.20
Hs.551726	10.78	8.97	1.20	chr2	N/A	1	304	0.00	75.49
SHD	35.28	29.36	1.20	chr19	19p13.3	19	384	55.35	102.89
LRRN2	37.04	30.82	1.20	chr1	1q32.1	46	1417	95.26	108.17
DPH6	31.06	25.85	1.20	chr15	15q14	37	739	78.34	97.84
ZNF28	10.85	9.03	1.20	chr19	19q13.41	20	332	43.65	66.32
IGF2	147.12	122.44	1.20	chr11	11p15.5	133	2428	155.35	260.76
DACT3	89.62	74.59	1.20	chr19	19q13.32	37	794	100.15	123.67
WDR37	66.20	55.10	1.20	chr10	10p15.3	58	1161	137.23	71.00
Hs.733915	22.35	18.60	1.20	chr2	N/A	3	66	97.61	89.30
NBR1	161.78	134.74	1.20	chr17	17q21.31	40	1605	126.31	122.84
Hs.150399	16.01	13.34	1.20	chr6	N/A	7	73	109.57	118.95
GTPBP10	53.15	44.28	1.20	chr7	7q21.13	37	876	125.89	88.40
Hs.643653	20.04	16.69	1.20	chr12	N/A	12	493	82.66	73.49
LOC100131929	9.41	7.84	1.20	chr7	7q22.2	10	28	177.42	54.50
DNASE1L1	101.45	84.53	1.20	chrX	Xq28	45	689	96.67	88.71
Hs.22566	14.13	11.77	1.20	chr1	N/A	8	51	77.04	77.57
Hs.559317	6.13	5.11	1.20	chr2	N/A	7	370	75.97	126.66
NCAM2	18.27	15.22	1.20	chr21	21q21.1	49	1130	93.34	123.75
CBLL1	38.90	32.41	1.20	chr7	7q22.3	27	779	116.01	89.98
CLDN12	80.61	67.17	1.20	chr7	7q21	37	759	122.59	136.36
HIST1H1A	12.03	10.02	1.20	chr6	6p21.3	30	566	107.50	92.37
CD93	178.20	148.49	1.20	chr20	20p11.21	59	1169	158.55	220.75
PET117	56.10	46.76	1.20	chr20	20p11.23	17	1058	71.04	96.65
POLR2A	71.99	60.01	1.20	chr17	17p13.1	87	1786	180.58	134.24
LOC100507222	10.80	9.00	1.20	chr8	N/A	13	28	129.28	179.84
Hs.179697	18.47	15.40	1.20	chr2	N/A	28	611	134.06	222.50
LINC00330	28.22	23.53	1.20	chr13	13q14.11	1	304	0.00	43.04
Hs.385477	17.67	14.73	1.20	chr14	N/A	4	305	71.74	60.87
C11orf42	36.36	30.31	1.20	chr11	11p15.4	17	333	88.02	63.42
Hs.597712	96.77	80.69	1.20	chr18	N/A	7	73	212.02	187.06

NVL	56.77	47.36	1.20	chr1	1q41-q42.2	40	647	90.98	107.27
TTC30A	24.48	20.42	1.20	chr2	2q31.2	48	597	82.24	117.44
BCAP29	99.67	83.14	1.20	chr7	7q22.3	86	1880	240.43	124.33
Hs.655686	53.50	44.64	1.20	chr15	N/A	27	560	165.28	76.36
Hs.656627	286.92	239.40	1.20	chr16	N/A	7	73	206.06	227.21
PTGDR2	22.47	18.75	1.20	chr11	11q12-q13.3	28	916	95.19	87.18
Hs.732693	28.36	23.67	1.20	chr10	N/A	3	66	113.25	81.42
C17orf58	105.11	87.71	1.20	chr17	17q24.2	36	405	128.98	85.28
ARHGAP31	47.48	39.63	1.20	chr3	3q13.33	28	786	57.75	92.03
Hs.168162	23.04	19.23	1.20	chr14	N/A	4	304	69.22	72.62
Hs.667333	20.69	17.27	1.20	chr9	N/A	1	304	0.00	71.83
TMEM201	57.44	47.95	1.20	chr1	1p36.22	23	823	165.26	120.02
Hs.537131	16.35	13.65	1.20	chr11	N/A	7	73	178.37	106.92
IBA57	36.46	30.44	1.20	chr1	1q42.13	35	1147	81.79	69.75
Hs.601565	22.71	18.96	1.20	chr3	N/A	4	304	44.14	156.49
KATNAL1	61.90	51.69	1.20	chr13	13q12.3	57	947	85.47	90.08
Hs.321664	32.24	26.92	1.20	chr9	N/A	10	28	47.32	81.92
TMC6	86.68	72.40	1.20	chr17	17q25.3	44	1318	100.32	109.24
CD200	105.63	88.23	1.20	chr3	3q12-q13	38	988	414.57	118.03
Hs.143909	9.71	8.11	1.20	chr16	N/A	10	73	84.18	85.61
PDSS2	56.67	47.34	1.20	chr6	6q21	38	966	138.34	75.60
NEURL4	63.27	52.86	1.20	chr17	17p13	24	405	57.82	71.50
TRAPP5	201.09	168.00	1.20	chr19	19p13.2	31	445	55.80	55.53
ASCL2	18.38	15.36	1.20	chr11	11p15.5	34	835	119.62	148.61
ZMYM2	80.10	66.93	1.20	chr13	13q11-q12	94	3048	198.63	143.47
SEMA3C	128.36	107.26	1.20	chr7	7q21-q31	49	1159	240.89	149.15
Hs.595538	19.49	16.29	1.20	chr9	N/A	2	608	7.14	68.72
PDP1	134.88	112.72	1.20	chr8	8q22.1	33	915	171.47	83.72
NXF5	20.20	16.88	1.20	chrX	Xq22	17	341	69.95	89.90
EEF1E1	84.53	70.64	1.20	chr6	6p24.3	47	1126	124.15	132.60
Hs.648985	13.26	11.08	1.20	chr19	N/A	8	377	56.67	97.95
Hs.592894	236.33	197.56	1.20	chr5	N/A	7	73	90.80	60.59
LOC148413	60.74	50.78	1.20	chr1	1p36.33	26	782	156.34	85.02
DLST	151.79	126.90	1.20	chr14	14q24.3	42	639	85.09	64.85
Hs.635195	13.55	11.33	1.20	chr7	N/A	2	22	45.66	51.55
Hs.23589	10.73	8.97	1.20	chr6	N/A	11	377	99.02	94.03
TRABD	73.32	61.32	1.20	chr22	22q13.33	47	1241	124.33	89.49
BCKDHB	48.68	40.71	1.20	chr6	6q14.1	68	1113	94.24	93.51
Hs.539205	11.45	9.58	1.20	chr12	N/A	5	22	47.61	50.65
Hs.609802	53.65	44.87	1.20	chr1	N/A	1	304	0.00	32.48
Hs.441636	3.81	3.19	1.20	chr1	N/A	10	16	37.55	45.22
EDF1	513.27	429.28	1.20	chr9	9q34.3	37	948	85.30	57.08
ACOT9	120.51	100.80	1.20	chrX	Xp22.11	34	493	64.96	53.69
MUT	152.59	127.63	1.20	chr6	6p12.3	50	1121	118.51	95.19
SLMO2	116.65	97.57	1.20	chr20	20q13.32	57	1270	151.88	134.55
CAST	226.20	189.22	1.20	chr5	5q15	99	2882	108.89	148.30
CCDC114	24.09	20.15	1.20	chr19	19q13.33	20	448	130.46	110.35
ZMIZ1	180.31	150.85	1.20	chr10	10q22.3	37	1187	132.34	119.13
RRAGD	180.29	150.88	1.19	chr6	6q15-q16	56	1216	137.19	149.47
Hs.130213	11.28	9.44	1.19	chr3	N/A	25	523	120.68	120.19
Hs.278908	20.83	17.44	1.19	chr3	N/A	7	73	110.70	121.31
SMARCD2	156.02	130.58	1.19	chr17	17q23-q24	34	653	211.63	79.83
PRCP	275.27	230.40	1.19	chr11	11q14	37	947	97.98	125.55
IRF4	38.62	32.33	1.19	chr6	6p25-p23	52	1490	283.27	120.85
USB1	67.57	56.58	1.19	chr16	16q21	43	1124	128.51	88.86
Hs.633637	75.15	62.93	1.19	chr7	N/A	7	73	85.21	58.70
Hs.713835	311.90	261.27	1.19	chr3	N/A	7	73	32.99	84.06
FOX2	20.73	17.37	1.19	chrX	Xp11.21	9	356	123.09	159.32
Hs.667304	205.79	172.42	1.19	chr4	N/A	7	73	159.60	62.46
ERC2-IT1	30.42	25.48	1.19	chr3	3p14.3	27	520	106.41	141.38
Hs.570216	38.11	31.93	1.19	chr2	N/A	1	304	0.00	36.16
MARK2	45.59	38.21	1.19	chr11	11q13.1	51	1044	96.94	90.47
TSPAN4	138.16	115.79	1.19	chr11	11p15.5	54	1023	122.02	78.97
TRPM7	51.08	42.81	1.19	chr15	15q21	47	1796	182.80	95.45
OTOGL	20.24	16.96	1.19	chr12	12q21.31	31	390	213.02	181.31
Hs.561929	15.04	12.61	1.19	chr9	N/A	11	377	47.94	75.39
Hs.147575	9.21	7.72	1.19	chr3	N/A	3	66	48.75	57.09
Hs.606170	18.98	15.91	1.19	chr17	N/A	1	304	0.00	54.72
LOC401176	12.76	10.70	1.19	chr5	5p15.1	18	405	41.44	89.89
B3GNT8	75.91	63.64	1.19	chr19	19q13.2	17	344	96.28	166.94
UBA3	153.88	129.03	1.19	chr3	3p24.3-p13	33	572	200.24	64.15
DPM1	351.88	295.07	1.19	chr20	20q13.13	33	577	87.18	67.19
FAM131C	135.15	113.34	1.19	chr1	1p36.13	31	463	134.82	443.07
TMEFF1	27.22	22.83	1.19	chr9	9q31	42	1062	399.34	205.82
Hs.744325	43.45	36.44	1.19	chr17	N/A	2	608	49.18	49.06
TMEM14C	819.41	687.44	1.19	chr6	6p24.2	20	648	73.34	51.48
Hs.716850	13.45	11.28	1.19	chr21	N/A	7	73	101.54	82.71
Hs.745031	1,216.71	1,020.77	1.19	chr8	N/A	7	73	108.76	137.53
ARHGAP26	42.81	35.92	1.19	chr5	5q31	75	2029	138.53	100.22
C6orf25	17.14	14.38	1.19	chr6	6p21.33	63	546	107.84	67.15
EYA4	29.34	24.62	1.19	chr6	6q23	38	1235	104.22	131.13
HEPH	58.45	49.05	1.19	chrX	Xq11-q12	46	1003	64.42	138.86
TCAIM	45.04	37.81	1.19	chr3	3p21.31	78	1983	157.86	104.18
Hs.660003	53.18	44.64	1.19	chr1	N/A	8	377	97.65	80.46
GDPD4	16.97	14.24	1.19	chr11	11q13.5	13	28	53.99	58.37
IL21	27.36	22.97	1.19	chr4	4q26-q27	21	453	192.33	77.29
MRPL53	318.80	267.68	1.19	chr2	2p13.1	36	485	90.89	73.58
NAALAD2	21.89	18.38	1.19	chr11	11q14.3-q21	77	2157	119.81	435.00
ANK2	112.48	94.45	1.19	chr4	4q25-q27	51	1805	196.52	203.80
Hs.655765	23.62	19.84	1.19	chr3	N/A	8	377	69.70	183.42
WBP1	67.34	56.56	1.19	chr2	2p12	20	101	45.00	94.24
C4orf32	119.09	100.02	1.19	chr4	4q25	37	444	100.02	93.63
ZBTB6	32.64	27.42	1.19	chr9	9q33.2	30	572	152.61	180.09

TINAGL1	85.66	71.96	1.19	chr1	1p35.2	31	486	120.72	71.29
LSMD1	274.30	230.42	1.19	chr17	17p13.1	37	801	119.16	70.39
Hs.454202	13.49	11.33	1.19	chr9	N/A	6	66	63.79	96.28
ZYG11B	175.16	147.15	1.19	chr1	1p32.2	86	1437	175.20	103.49
DLL1	55.76	46.84	1.19	chr6	6q27	34	846	100.46	124.93
SYPL2	91.96	77.26	1.19	chr1	1p13.3	9	356	48.25	157.89
Hs.743610	119.53	100.42	1.19	chr8	N/A	7	73	109.45	130.74
PID1	65.17	54.76	1.19	chr2	2q36.3	31	1259	97.52	157.06
Hs.594202	17.56	14.76	1.19	chr1	N/A	1	304	0.00	54.58
Hs.733040	47.14	39.61	1.19	chr12	N/A	12	493	148.11	90.71
Hs.603184	58.55	49.20	1.19	chr3	N/A	7	73	125.00	65.55
SPTBN1	285.04	239.58	1.19	chr2	2p21	132	4566	204.49	233.45
GPR142	30.06	25.27	1.19	chr17	17q25.1	16	33	75.99	93.35
CCND1	126.54	106.38	1.19	chr11	11q13	91	1433	248.49	90.81
HIST1H2AL	19.82	16.66	1.19	chr6	6p22.1	27	594	118.84	121.69
PCNX	45.26	38.05	1.19	chr14	14q24.2	68	2864	114.38	109.27
GRM1	20.09	16.89	1.19	chr6	6q24	37	1414	96.04	76.65
GNL3	174.96	147.11	1.19	chr3	3p21.1	45	870	134.30	164.35
Hs.61103	42.59	35.81	1.19	chr8	N/A	7	73	76.88	63.51
H2AFY2	80.26	67.49	1.19	chr10	10q22.1	21	461	176.29	71.52
MST1R	64.00	53.82	1.19	chr3	3p21.3	37	643	313.80	120.70
FBXL21	11.20	9.42	1.19	chr5	5q31	21	992	86.43	135.05
Hs.551062	14.98	12.60	1.19	chr5	N/A	13	621	53.02	53.06
LOC100506431	42.82	36.03	1.19	chr6	6p25-p24	1	304	0.00	39.41
Hs.576971	60.71	51.09	1.19	chr11	N/A	7	73	72.14	74.86
LST1	80.97	68.16	1.19	chr6	6p21.3	74	2700	127.74	188.48
APOA1BP	253.90	213.77	1.19	chr1	1q21	24	417	79.50	43.05
Hs.130793	17.79	14.98	1.19	chr4	N/A	3	326	48.33	181.06
CHMP4A	144.34	121.52	1.19	chr14	14q12	43	981	58.27	69.92
Hs.665034	17.88	15.05	1.19	chr12	N/A	1	304	0.00	64.54
Hs.644153	96.64	81.41	1.19	chr16	N/A	7	73	39.35	34.47
GALT	86.23	72.64	1.19	chr9	9p13	52	955	79.26	73.07
LSM3	308.73	260.09	1.19	chr3	3p25.1	60	706	93.12	80.68
TINAG	25.27	21.29	1.19	chr6	6p12.1	63	1432	222.72	250.79
Hs.599346	21.45	18.07	1.19	chr1	N/A	1	304	0.00	53.42
KIRREL3-AS3	16.99	14.32	1.19	chr11	11q24.2	17	335	37.80	51.27
Hs.667643	19.22	16.20	1.19	chr4	N/A	8	377	89.94	133.34
Hs.721282	176.05	148.39	1.19	chr17	N/A	14	537	128.57	135.58
TMEM246	97.96	82.58	1.19	chr9	9q31.1	26	469	45.67	81.98
C17orf78	17.22	14.51	1.19	chr17	17q12	17	343	65.19	184.92
Hs.609652	13.74	11.59	1.19	chr5	N/A	1	304	0.00	50.13
C1QTNF9B-AS1	44.47	37.49	1.19	chr13	13q12	5	420	43.11	101.51
Hs.450057	10.07	8.49	1.19	chr3	N/A	8	377	63.78	75.68
LOC646976	18.40	15.51	1.19	chr1	1q25.2	5	16	81.29	79.67
EMC1	48.88	41.21	1.19	chr1	1p36.13	66	2192	138.51	80.14
DNAJB4	86.90	73.27	1.19	chr1	1p31.1	50	1064	101.04	102.92
FLOT1	257.82	217.39	1.19	chr6	6p21.3	69	2028	104.89	99.89
Hs.607986	13.36	11.27	1.19	chr5	N/A	1	304	0.00	67.89
TTC38	55.70	46.98	1.19	chr22	22q13	50	1401	94.54	146.66
PHKG1	52.34	44.14	1.19	chr7	7p11.2	41	942	85.54	115.77
MGC16025	12.96	10.94	1.19	chr2	2q37.3	16	385	52.47	72.62
FAM162B	60.53	51.06	1.19	chr6	6q22.1	23	466	120.56	80.40
HMHB1	30.58	25.80	1.19	chr5	5q31.3	23	492	144.65	141.56
SOCS1	27.19	22.94	1.19	chr16	16p13.13	64	1977	92.42	94.69
Hs.640249	37.71	31.81	1.19	chr19	N/A	7	73	82.73	83.74
Hs.97418	18.63	15.72	1.19	chr11	N/A	10	73	99.10	138.68
C17orf98	9.31	7.86	1.18	chr17	17q12	3	320	79.10	149.28
Hs.231655	21.27	17.95	1.18	chr1	N/A	14	532	97.04	82.18
Hs.718479	161.82	136.57	1.18	chr15	N/A	14	532	133.42	68.11
Hs.660324	9.49	8.01	1.18	chrX	N/A	7	73	86.52	80.07
Hs.713918	194.45	164.12	1.18	chr12	N/A	7	73	165.26	79.27
DDX3Y	90.70	76.55	1.18	chrY	Yq11	54	1695	166.33	194.42
Hs.575572	10.27	8.67	1.18	chr8	N/A	1	304	0.00	74.19
PTPN3	76.70	64.75	1.18	chr9	9q31	67	1115	98.04	118.56
EIF5B	113.67	95.96	1.18	chr2	2q11.2	194	3287	97.64	134.34
FAM3A	89.85	75.86	1.18	chrX	Xq28	45	1024	187.95	58.33
C12orf55	10.99	9.28	1.18	chr12	12q23.1	1	308	0.00	85.80
CCDC122	16.90	14.27	1.18	chr13	13q14.11	27	413	157.72	72.51
ANO2	21.27	17.96	1.18	chr12	12p13.3	26	833	60.10	70.61
HIST1H4C	311.38	262.93	1.18	chr6	6p22.1	28	555	124.30	169.32
Hs.697131	15.67	13.24	1.18	chr6	N/A	3	66	56.45	76.41
GAGE1	19.38	16.37	1.18	chrX	Xp11.23	35	492	219.26	342.50
FKRP	43.11	36.40	1.18	chr19	19q13.32	32	837	91.57	90.81
NHLRC2	39.13	33.04	1.18	chr10	10q25.3	82	1748	178.41	131.64
ATE1	33.89	28.62	1.18	chr10	10q26.13	56	1244	241.28	118.22
PARD6G	71.91	60.73	1.18	chr18	18q23	44	1093	187.20	168.81
Hs.675250	4.87	4.11	1.18	chr1	N/A	2	16	28.78	25.53
ZNF740	66.35	56.04	1.18	chr12	12q13.13	32	782	381.83	85.87
ZNF727	310.98	262.67	1.18	chr7	7q11.21	8	12	21.37	10.25
Hs.696420	9.23	7.80	1.18	chr7	N/A	1	304	0.00	77.19
Hs.534859	58.35	49.30	1.18	chr10	N/A	8	12	8.83	30.91
STK33	41.98	35.46	1.18	chr11	11p15.3	32	788	74.30	125.39
ORMDL3	134.08	113.28	1.18	chr17	17q12	36	793	113.42	119.69
SYNPO	182.84	154.48	1.18	chr5	5q33.1	57	1047	93.02	147.15
UBE2N	268.88	227.19	1.18	chr12	12q22	66	1585	133.98	109.70
Hs.664812	24.88	21.02	1.18	chr9	N/A	7	73	129.77	95.64
Hs.664731	9.98	8.44	1.18	chr10	N/A	7	73	67.51	85.79
AK4	147.94	125.06	1.18	chr1	1p31.3	100	1916	147.94	119.93
Hs.570999	24.33	20.57	1.18	chr5	N/A	13	28	256.35	82.60
HRH2	39.63	33.50	1.18	chr5	5q35.2	21	459	84.00	71.03
Hs.660934	32.10	27.14	1.18	chr5	N/A	2	22	47.15	90.98
ZNF480	31.50	26.63	1.18	chr19	19q13.41	28	526	52.22	114.74
SRGAP1	51.64	43.66	1.18	chr12	12q14.2	57	2314	412.11	108.47

Hs.687908	15.36	12.99	1.18	chr3	N/A	2	16	94.49	25.20
Hs.721793	35.91	30.37	1.18	chr10	N/A	1	304	0.00	61.52
Hs.599179	86.11	72.83	1.18	chr5	N/A	19	754	91.87	106.59
LOC283585	15.59	13.18	1.18	chr14	14q31.3	4	305	30.76	67.15
Hs.720702	706.65	597.79	1.18	chr14	N/A	7	73	118.12	86.43
MGAT4C	14.74	12.47	1.18	chr12	12q21	26	496	89.41	129.26
Hs.120380	10.08	8.53	1.18	chr18	N/A	10	73	92.96	52.41
Hs.661649	19.00	16.08	1.18	chr11	N/A	7	73	86.59	95.22
FMNL3	48.60	41.14	1.18	chr12	12q13.12	59	1543	514.14	105.79
KANK1	276.37	233.97	1.18	chr9	9p24.3	51	651	119.75	76.27
Hs.356481	122.50	103.72	1.18	chr17	N/A	7	73	91.26	58.58
Hs.572495	17.72	15.00	1.18	chr17	N/A	16	354	102.68	96.21
ZIC4	15.67	13.27	1.18	chr3	3q24	42	796	77.52	70.62
RARB	45.74	38.73	1.18	chr3	3p24.2	80	2033	141.75	100.04
CASS4	13.18	11.16	1.18	chr20	20q13.31	22	766	75.86	74.52
VPS45	60.01	50.82	1.18	chr1	1q21.2	59	1193	103.35	90.22
SGSM1	45.17	38.26	1.18	chr22	22q11.23	41	1095	188.92	83.41
Hs.437415	5.63	4.77	1.18	chr6	N/A	4	304	77.31	54.88
Hs.544161	7.93	6.71	1.18	chr5	N/A	1	304	0.00	69.32
Hs.513013	11.27	9.54	1.18	chr15	N/A	2	22	15.55	63.28
ARL15	29.43	24.93	1.18	chr5	5p15.2	38	613	129.20	115.09
Hs.660101	29.24	24.78	1.18	chr6	N/A	1	304	0.00	76.68
Hs.569266	10.56	8.95	1.18	chr13	N/A	6	326	39.83	63.02
B3GNT6	20.21	17.13	1.18	chr11	11q13.4	30	717	106.95	96.76
Hs.658225	20.42	17.31	1.18	chr12	N/A	8	377	49.29	79.85
DUS4L	26.70	22.63	1.18	chr7	7q22-q31	42	1066	86.80	69.27
FUNDC1	96.76	82.04	1.18	chrX	Xp11.3	19	396	59.08	62.45
ASRGL1	244.49	207.34	1.18	chr11	11q12.3	80	1140	313.67	219.23
KDR	97.61	82.79	1.18	chr4	4q11-q12	50	658	167.00	159.98
Hs.156270	11.79	10.00	1.18	chr5	N/A	10	73	84.43	87.45
NME8	7.23	6.13	1.18	chr7	7p14.1	21	453	52.53	138.54
CSGALNACT1	109.01	92.50	1.18	chr8	8p21.3	36	865	124.32	112.17
ZNF32	142.23	120.70	1.18	chr10	10q22-q25	36	572	113.69	62.04
Hs.733896	13.60	11.54	1.18	chr6	N/A	14	146	156.53	84.98
Hs.600643	16.12	13.69	1.18	chr4	N/A	7	73	167.84	121.80
SEMA6C	71.98	61.10	1.18	chr1	1q21.2	37	650	86.21	115.97
FBXL14	23.37	19.83	1.18	chr12	12p13.33	24	791	67.90	87.89
IL34	116.00	98.47	1.18	chr16	16q22.1	19	390	248.69	88.01
Hs.147006	5.54	4.70	1.18	chr2	N/A	2	22	8.72	40.70
LOC728690	9.32	7.91	1.18	chr1	1p36.33	11	332	69.15	57.00
HIST1H2BH	42.92	36.45	1.18	chr6	6p21.3	21	465	70.18	107.79
MAP1LC3B	305.30	259.28	1.18	chr16	16q24.2	59	740	87.72	80.87
KLK9	46.73	39.69	1.18	chr19	19q13.41	18	81	91.01	69.88
ZNF486	270.92	230.11	1.18	chr19	19p12	18	458	158.64	260.15
Hs.658901	6.86	5.83	1.18	chr6	N/A	9	681	63.45	128.34
RHEBL1	34.74	29.52	1.18	chr12	12q13.12	20	689	80.39	99.78
ZNF444	108.35	92.09	1.18	chr19	19q13.43	30	943	69.35	84.61
Hs.549823	11.11	9.44	1.18	chr11	N/A	10	73	81.39	76.53
CLDN20	22.49	19.12	1.18	chr6	6q25	9	360	83.71	126.08
SAGE1	8.10	6.89	1.18	chrX	Xq26	31	527	62.80	110.14
THAP4	147.72	125.66	1.18	chr2	2q37.3	27	815	78.31	42.24
EXOC7	92.32	78.54	1.18	chr17	17q25.1	90	2454	98.24	94.15
FRG2C	7.96	6.78	1.18	chr3	3p12.3	1	316	0.00	71.41
Hs.667655	14.70	12.51	1.18	chr13	N/A	2	22	61.68	92.93
Hs.438919	46.87	39.89	1.17	chr11	N/A	8	377	55.14	126.81
Hs.130140	12.90	10.98	1.17	chr15	N/A	2	22	3.24	72.23
TMEM9B	213.99	182.16	1.17	chr11	11p15.3	46	938	101.52	72.77
BAX	71.10	60.52	1.17	chr19	19q13.3-q13.4	90	1365	94.53	126.47
Hs.99253	22.15	18.85	1.17	chr9	N/A	20	101	87.29	135.81
LOC541472	39.72	33.81	1.17	chr7	7p21	28	447	131.76	138.89
DSE	67.64	57.59	1.17	chr6	6q22	90	1422	187.58	150.69
MLX	104.78	89.23	1.17	chr17	17q21.1	69	2452	89.14	85.32
GPR113	18.86	16.06	1.17	chr2	2p23.3	35	747	84.71	79.96
Hs.715837	52.10	44.37	1.17	chr16	N/A	7	73	45.83	59.08
HBA2	1,777.52	1,513.91	1.17	chr16	16p13.3	66	794	193.84	172.99
LOC100130856	25.49	21.72	1.17	chr19	19p13.3	21	348	44.74	167.43
GSK3A	145.31	123.78	1.17	chr19	19q13.2	33	960	69.52	80.13
Hs.596944	46.25	39.40	1.17	chr11	N/A	21	779	127.53	101.32
LRRC2-AS1	11.26	9.59	1.17	chr3	3p21.3	10	28	36.74	55.24
LOC440173	17.82	15.18	1.17	chr9	9q21	11	332	122.80	50.65
RRP15	44.79	38.17	1.17	chr1	1q41	52	1092	101.45	131.40
AHCY	301.35	256.82	1.17	chr20	20q11.22	45	656	121.27	148.97
GLRX3	110.35	94.05	1.17	chr10	10q26	50	1499	78.30	88.31
Hs.652687	9.86	8.40	1.17	chr7	N/A	4	304	48.29	78.72
Hs.659514	6.54	5.57	1.17	chr20	N/A	1	304	0.00	78.35
FEAR3	19.75	16.83	1.17	chr19	19q13.1	10	441	94.33	81.29
EPN2	79.38	67.67	1.17	chr17	17p11.2	36	973	114.80	97.23
Hs.655754	62.77	53.52	1.17	chr9	N/A	41	706	107.33	56.88
TDRD7	110.21	93.97	1.17	chr9	9q22.33	30	572	146.19	74.61
NDUFAF7	50.49	43.05	1.17	chr2	2p22.2	46	1169	86.56	145.37
Hs.662627	7.37	6.29	1.17	chr4	N/A	1	304	0.00	79.18
PACRG	37.87	32.29	1.17	chr6	6q26	54	1076	87.14	137.24
MEIOB	17.52	14.94	1.17	chr16	16p13.3	26	429	70.47	189.56
Hs.540354	9.13	7.79	1.17	chr15	N/A	10	73	82.99	85.17
Hs.614118	6.50	5.55	1.17	chr9	N/A	1	304	0.00	80.00
TPRGIL	291.63	248.82	1.17	chr1	1p36.32	26	457	108.14	52.35
CIQTNF9	16.46	14.04	1.17	chr13	13q12.12	25	540	69.24	87.92
SETDB2	36.15	30.85	1.17	chr13	13q14	59	2177	91.12	100.37
Hs.635129	16.43	14.02	1.17	chr9	N/A	2	22	39.23	60.46
TAF15	122.45	104.49	1.17	chr17	17q11.1-q11.2	51	1568	170.83	96.49
Hs.601057	27.60	23.55	1.17	chr8	N/A	8	377	71.41	81.74
ACSL1	426.64	364.12	1.17	chr4	4q35	46	1159	130.02	147.24
Hs.663404	10.22	8.72	1.17	chr3	N/A	7	73	43.68	84.08

AZIN1	176.29	150.52	1.17	chr8	8q22.3	62	1624	242.06	131.54
Hs.624107	39.55	33.77	1.17	chr22	N/A	10	28	216.18	63.84
NECAB3	104.88	89.56	1.17	chr20	20q11.22	29	846	111.04	56.73
IL8	175.65	150.02	1.17	chr4	4q13-q21	40	1033	441.59	307.66
RALYL	35.62	30.42	1.17	chr8	8q21.2	30	565	183.62	153.52
Hs.668096	11.02	9.42	1.17	chr4	N/A	7	73	94.70	82.17
E2F3	66.37	56.69	1.17	chr6	6p22	35	997	114.25	65.66
MAMDC2	278.47	237.86	1.17	chr9	9q21.12	56	635	185.15	250.18
TNKS2	118.36	101.10	1.17	chr10	10q23.3	41	1292	320.84	132.37
MYCBPAP	35.51	30.33	1.17	chr17	17q21.33	22	741	224.76	390.03
TARDBP	269.06	229.86	1.17	chr1	1p36.22	71	1469	166.65	175.04
DGCR2	93.03	79.47	1.17	chr22	22q11.21	36	1300	83.71	91.33
LOC100132354	33.43	28.56	1.17	chr6	6p21.1	1	304	0.00	51.82
DEFB118	57.87	49.44	1.17	chr20	20q11.21	19	394	204.39	210.30
ZNF593	105.53	90.17	1.17	chr1	1p36.11	23	504	68.79	63.49
CBLN1	23.33	19.94	1.17	chr16	16q12.1	30	570	80.09	113.76
WBP11	138.60	118.47	1.17	chr12	12p12.3	36	958	174.34	69.52
Hs.571048	9.47	8.10	1.17	chr6	N/A	10	73	103.71	71.54
Hs.657017	262.31	224.25	1.17	chr7	N/A	14	146	76.42	65.87
Hs.667758	8.21	7.02	1.17	chr5	N/A	7	73	109.33	90.75
KCNK13	17.82	15.23	1.17	chr14	14q32.11	21	453	77.21	56.74
Hs.127904	11.86	10.14	1.17	chr15	N/A	6	66	47.34	101.99
RPL36AL	1,014.21	867.16	1.17	chr14	14q21	37	641	103.91	130.07
Hs.732756	43.30	37.02	1.17	chrX	N/A	1	304	0.00	55.92
SSX2IP	48.74	41.68	1.17	chr1	1p22.3	83	2965	342.84	144.19
CASP8	103.49	88.51	1.17	chr2	2q33-q34	98	1732	256.10	237.59
SLC16A11	34.09	29.16	1.17	chr17	17p13.1	20	711	59.16	70.97
OXLD1	78.77	67.38	1.17	chr17	17q25.3	33	953	100.88	62.58
Hs.652454	7.57	6.47	1.17	chr1	N/A	4	304	88.71	53.06
Hs.635232	22.45	19.21	1.17	chr19	N/A	7	73	194.10	90.28
P2RX2	27.18	23.25	1.17	chr12	12q24.33	46	1503	84.49	85.01
Hs.666028	22.70	19.42	1.17	chr4	N/A	8	377	64.59	247.33
OR10G3	19.30	16.52	1.17	chr14	14q11.2	8	52	35.93	28.24
Hs.672504	7.49	6.41	1.17	chr6	N/A	2	608	93.80	93.78
ICMT	106.17	90.86	1.17	chr1	1p36.21	53	1457	93.13	85.88
Hs.127016	18.04	15.44	1.17	chr14	N/A	5	22	56.09	65.97
Hs.595400	43.35	37.10	1.17	chr8	N/A	16	754	89.37	77.17
TRBV25-1	7.27	6.22	1.17	chr7	7q34	1	304	0.00	79.44
Hs.547771	21.15	18.11	1.17	chr7	N/A	1	304	0.00	87.97
HDCC2	155.99	133.55	1.17	chr6	6q13-q24.3	40	986	136.90	102.78
Hs.610605	17.67	15.13	1.17	chr15	N/A	1	304	0.00	51.06
ZFPM1	106.41	91.14	1.17	chr16	16q24.2	27	773	169.54	137.72
Hs.128035	18.71	16.02	1.17	chrX	N/A	5	22	73.10	100.39
MAD2L2	104.25	89.29	1.17	chr1	1p36	24	447	130.04	85.99
Hs.545003	20.60	17.64	1.17	chr7	N/A	10	73	113.61	87.38
MEF2BNB	56.25	48.18	1.17	chr19	19p13.11	59	1374	111.29	130.38
TPBG	263.29	225.57	1.17	chr6	6q14-q15	27	577	196.26	120.06
Hs.6656	19.89	17.04	1.17	chr3	N/A	1	304	0.00	35.11
RASD1	362.15	310.27	1.17	chr17	17p11.2	36	495	147.49	132.91
INTS9	71.42	61.21	1.17	chr8	8p21.1	24	803	58.10	52.43
Hs.635289	56.54	48.46	1.17	chr21	N/A	7	73	67.49	73.63
Hs.723432	319.48	273.86	1.17	chr1	N/A	7	73	40.92	60.39
MAPK7	62.00	53.15	1.17	chr17	17p11.2	41	987	121.21	132.69
Hs.732073	51.88	44.47	1.17	chr9	N/A	12	493	142.72	139.68
C7	321.62	275.76	1.17	chr5	5p13	55	1055	178.22	227.39
ADD1	210.47	180.48	1.17	chr4	4p16.3	97	2075	206.80	81.77
Hs.661535	9.52	8.16	1.17	chr19	N/A	10	28	94.61	70.13
Hs.660637	8.14	6.98	1.17	chr9	N/A	1	304	0.00	78.43
TNK2	67.28	57.70	1.17	chr3	3q29	80	2197	149.62	278.10
Hs.150487	15.64	13.42	1.17	chr9	N/A	5	22	90.28	67.81
Hs.656323	45.03	38.63	1.17	chr7	N/A	8	377	108.14	121.64
Hs.98445	149.75	128.45	1.17	chr3	N/A	3	66	114.82	67.28
CBWD1	89.59	76.85	1.17	chr9	9p24.3	64	848	83.74	73.55
PIGX	44.56	38.23	1.17	chr3	3q29	45	1220	177.66	82.17
NKX2-3	31.87	27.34	1.17	chr10	10q24.2	27	362	116.08	310.68
PLEKHG4B	32.65	28.02	1.17	chr5	5p15.33	36	841	96.29	108.04
CLDN22	4.48	3.84	1.17	chr4	4q35.1	11	12	55.62	57.07
YIF1B	73.87	63.39	1.17	chr19	19q13.2	39	1514	218.67	88.53
Hs.602546	26.91	23.09	1.17	chr2	N/A	7	73	188.99	83.95
Hs.548789	8.78	7.54	1.16	chr21	N/A	2	22	9.54	93.97
Hs.594584	95.63	82.11	1.16	chr12	N/A	25	478	230.21	110.44
ZNF10	113.64	97.59	1.16	chr12	12q24.33	56	1353	233.14	344.16
SLC35A4	163.56	140.46	1.16	chr5	5q31.3	26	469	138.86	56.33
ZNF135	38.96	33.46	1.16	chr19	19q13.4	67	1365	104.40	92.47
PDE4D	36.49	31.34	1.16	chr5	5q12	99	2769	216.21	138.74
Hs.129560	13.27	11.40	1.16	chr1	N/A	3	66	89.41	114.41
Hs.45117	13.36	11.48	1.16	chr4	N/A	14	398	60.48	113.66
Hs.657675	10.55	9.07	1.16	chr5	N/A	14	146	73.76	85.19
Hs.664162	13.06	11.22	1.16	chr10	N/A	9	681	151.21	76.03
DKFZP686I15217	23.02	19.78	1.16	chr6	6p25.2	16	28	68.04	46.16
FGF9	47.16	40.52	1.16	chr13	13q11-q12	36	917	71.07	128.48
EIF4G2	591.67	508.43	1.16	chr11	11p15	35	1242	98.55	140.04
STMND1	20.52	17.63	1.16	chr6	6p22.3	13	28	61.71	67.02
TMEM101	89.01	76.51	1.16	chr17	17q21.31	26	469	86.37	70.47
Hs.659159	25.12	21.59	1.16	chr15	N/A	4	370	43.04	51.69
FAM107A	258.81	222.49	1.16	chr3	3p21.1	62	1130	107.48	189.00
MIRGPRD	11.01	9.46	1.16	chr11	11q13.3	16	28	103.72	55.98
VPS28	300.11	258.01	1.16	chr8	8q24.3	34	550	70.48	54.52
ARMCX1	149.69	128.69	1.16	chrX	Xq21.33-q22.2	31	533	66.24	77.33
PPTC7	123.45	106.14	1.16	chr12	12q24.11	39	865	143.86	126.20
PTGIS	75.20	64.67	1.16	chr20	20q13.13	66	1630	99.49	198.90
HOMER2	53.85	46.31	1.16	chr15	15q24.3	44	908	108.18	140.61
NUP93	105.60	90.81	1.16	chr16	16q13	46	673	175.96	113.90

Hs.599235	9.26	7.96	1.16	chr8	N/A	1	304	0.00	74.05
LOC100128176	6.82	5.87	1.16	chr6	6q25.1	19	709	87.62	129.06
ZNF7	30.39	26.14	1.16	chr8	8q24	33	1498	57.99	101.35
MYH13	24.81	21.35	1.16	chr17	17p13	21	453	103.83	73.13
Hs.466529	46.69	40.18	1.16	chr19	N/A	1	304	0.00	51.95
FIGF	55.80	48.02	1.16	chrX	Xp22.31	30	577	51.52	119.13
PHKA2	72.75	62.60	1.16	chrX	Xp22.2-p22.1	50	1459	100.87	75.64
SLN	439.65	378.40	1.16	chr11	11q22-q23	30	574	120.26	315.32
Hs.459142	39.66	34.13	1.16	chr15	N/A	8	389	65.84	146.35
PPP1R14B	206.01	177.35	1.16	chr11	11q13	31	68	79.97	70.97
Hs.659418	124.29	107.01	1.16	chrX	N/A	7	73	47.66	134.45
TPRN	75.11	64.67	1.16	chr9	9q34.3	26	469	185.42	162.30
Hs.665207	7.33	6.31	1.16	chr2	N/A	4	304	57.73	50.54
Hs.733909	18.10	15.59	1.16	chr20	N/A	2	22	108.06	130.57
SLC10A3	75.00	64.58	1.16	chrX	Xq28	28	555	96.69	71.81
ROGDI	149.70	128.91	1.16	chr16	16p13.3	21	448	119.15	83.31
Hs.132701	12.51	10.77	1.16	chr18	N/A	2	22	84.24	83.38
Hs.501911	13.49	11.62	1.16	chr11	N/A	2	22	12.11	75.60
Hs.666415	8.88	7.65	1.16	chr1	N/A	3	66	67.41	114.05
Hs.493585	15.82	13.63	1.16	chr9	N/A	10	139	90.08	77.91
IFITM1	1,096.39	944.55	1.16	chr11	11p15.5	49	1160	116.56	108.12
RPS6KA2	118.62	102.20	1.16	chr6	6q27	58	1495	115.68	90.81
PDXDC1	105.65	91.02	1.16	chr16	16p13.11	72	2636	140.82	156.26
Hs.720716	19.79	17.05	1.16	chr2	N/A	8	377	100.41	99.59
UBL4A	138.70	119.54	1.16	chrX	Xq28	57	735	224.48	197.20
Hs.629360	10.60	9.14	1.16	chr2	N/A	10	28	82.41	37.65
LRRRC72	17.77	15.32	1.16	chr7	7p21.1	8	377	90.38	108.05
ROR1	34.91	30.09	1.16	chr1	1p32-p31	62	1357	103.06	104.68
Hs.128330	67.04	57.81	1.16	chr4	N/A	8	377	90.86	55.83
METTL5	146.05	125.95	1.16	chr2	2q31.1	32	892	76.71	105.65
LBH	235.89	203.43	1.16	chr2	2p23.1	60	634	106.58	107.18
FZD9	26.15	22.55	1.16	chr7	7q11.23	30	571	149.86	104.69
KAT2B	132.78	114.52	1.16	chr3	3p24	66	1199	182.34	229.92
LOC340073	11.53	9.94	1.16	chr5	5q31.2	20	101	111.97	112.48
OSTM1	76.43	65.92	1.16	chr6	6q21	105	1793	110.29	99.80
INADL	42.63	36.77	1.16	chr1	1p31.3	109	2348	268.29	122.04
XRCC3	23.40	20.19	1.16	chr14	14q32.3	30	572	158.23	82.15
ABHD16A	146.10	126.05	1.16	chr6	6p21.3	27	773	211.73	144.34
EXTL1	34.35	29.64	1.16	chr1	1p36.1	35	620	71.14	106.15
CRYGN	12.19	10.52	1.16	chr7	7q36.1	17	333	81.31	91.32
PI16	112.15	96.78	1.16	chr6	6p21.2	26	466	129.17	87.89
Hs.560323	23.21	20.03	1.16	chr15	N/A	1	304	0.00	50.62
ABHD14A	108.08	93.28	1.16	chr3	3p21.1	30	572	89.03	58.35
Hs.538115	15.98	13.79	1.16	chr1	N/A	10	73	90.52	116.54
RRP12	43.79	37.80	1.16	chr10	10q24.1	42	2020	151.55	76.51
CHCHD7	91.87	79.30	1.16	chr8	8q12.1	42	865	67.79	51.06
CCR3	30.20	26.07	1.16	chr3	3p21.3	45	553	164.60	262.60
RAB18	162.90	140.62	1.16	chr10	10p12.1	43	1712	113.28	78.08
NR2C1	41.52	35.84	1.16	chr12	12q22	70	1854	116.97	134.10
Hs.603759	16.59	14.32	1.16	chr8	N/A	16	754	77.44	99.57
ASCC2	78.68	67.93	1.16	chr22	22q12.1	32	591	173.37	72.28
FAHD2A	93.51	80.73	1.16	chr2	2q11.2	67	2155	100.49	92.07
ENTHD1	8.21	7.09	1.16	chr22	22q13.1	25	713	224.50	147.01
BRMS1	85.08	73.48	1.16	chr11	11q13-q13.2	35	610	131.35	67.07
Hs.713989	121.83	105.23	1.16	chr18	N/A	8	377	34.78	48.02
EFNA4	33.38	28.84	1.16	chr1	1q21-q22	31	547	153.78	94.26
Hs.311444	20.12	17.38	1.16	chr3	N/A	1	304	0.00	96.98
MAGEA8	19.81	17.11	1.16	chrX	Xq28	33	567	72.84	73.82
Hs.731851	79.23	68.45	1.16	chr14	N/A	7	73	118.38	82.18
PIK3CA	73.14	63.20	1.16	chr3	3q26.3	48	671	140.54	91.82
SP5	33.15	28.64	1.16	chr2	2q31.1	47	565	157.09	131.16
VSTM2L	54.91	47.45	1.16	chr20	20q11.23	26	469	102.91	99.48
MSX2	24.93	21.55	1.16	chr5	5q35.2	62	1557	237.64	722.78
LOC100507594	13.00	11.23	1.16	chr12	N/A	1	304	0.00	65.91
PSMA7	328.81	284.16	1.16	chr20	20q13.33	46	1109	114.73	91.22
ORIC1	38.55	33.32	1.16	chr1	1q44	20	688	104.39	190.68
GTF2H4	62.71	54.20	1.16	chr6	6p21.3	30	577	139.42	113.51
Hs.734359	39.41	34.06	1.16	chr17	N/A	7	73	73.10	138.34
Hs.544782	9.69	8.38	1.16	chr7	N/A	10	73	108.21	73.45
Hs.654687	33.85	29.26	1.16	chr3	N/A	1	304	0.00	68.98
ARL14	7.90	6.83	1.16	chr3	3q25.33	21	450	151.18	154.42
Hs.132394	17.77	15.37	1.16	chr9	N/A	7	44	94.10	83.59
UIMC1	135.52	117.19	1.16	chr5	5q35.2	28	538	58.80	57.61
MRP63	278.62	240.98	1.16	chr13	13q12.11	61	1800	118.16	91.86
SNAP47	120.33	104.08	1.16	chr1	1q42.13	35	624	98.41	77.44
C17orf49	125.86	108.87	1.16	chr17	17p13.1	26	457	99.64	69.54
MTFMT	49.60	42.91	1.16	chr15	15q22.31	29	469	99.22	93.75
PLBD1	145.72	126.07	1.16	chr12	12p13.1	36	910	94.95	203.85
Hs.369462	12.50	10.81	1.16	chr4	N/A	12	124	131.55	144.21
Hs.540752	11.15	9.65	1.16	chr17	N/A	10	73	110.38	78.06
MFNG	53.86	46.60	1.16	chr22	22q12	52	1484	63.51	110.00
STC1	69.09	59.78	1.16	chr8	8p21-p11.2	54	1150	163.25	224.40
SERHL	9.13	7.90	1.16	chr22	22q13.2-q13.3	30	67	83.99	97.29
Hs.408161	15.78	13.66	1.16	chr15	N/A	3	66	59.38	97.88
Hs.551077	9.57	8.28	1.16	chr5	N/A	18	450	79.27	66.01
EPN2-IT1	9.84	8.52	1.16	chr17	N/A	8	377	75.91	70.59
SSB	244.19	211.31	1.16	chr2	2q31.1	53	1039	169.44	184.52
Hs.664513	20.80	18.00	1.16	chr19	N/A	10	28	148.91	103.81
TRMT1L	59.23	51.26	1.16	chr1	1q25.2	66	1403	130.47	107.49
RASGRP3	38.93	33.70	1.16	chr2	2p25.1-p24.1	42	986	92.04	151.54
CYP2B6	79.76	69.06	1.15	chr19	19q13.2	57	1557	188.84	298.07
Hs.603225	15.44	13.37	1.15	chr10	N/A	7	73	120.22	54.22
Hs.659830	11.42	9.89	1.15	chr1	N/A	6	355	55.45	74.82

XK	46.13	39.95	1.15	chrX	Xp21.1	30	577	66.20	128.57
Hs.708066	759.00	657.33	1.15	chr14	N/A	7	73	39.11	87.22
CCNY	103.69	89.81	1.15	chr10	10p11.21	57	1968	145.51	120.14
PHF17	125.49	108.70	1.15	chr4	4q26-q27	75	1748	242.15	169.70
OR2C3	11.91	10.31	1.15	chr1	1q44	19	384	39.38	98.51
CXCL3	57.57	49.87	1.15	chr4	4q21	40	601	325.93	443.58
MAP4K3	88.77	76.90	1.15	chr2	2p22.1	55	667	255.12	138.57
Hs.741326	41.70	36.12	1.15	chr21	N/A	7	73	38.62	60.93
ZNF85	45.95	39.81	1.15	chr19	19p12	48	1024	128.94	86.39
C1QL3	8.55	7.41	1.15	chr10	10p13	18	80	81.30	57.91
B3GALTL	53.51	46.37	1.15	chr13	13q12.3	59	1060	91.59	67.44
Hs.454194	20.73	17.96	1.15	chr9	N/A	3	66	74.41	61.25
Hs.256080	15.00	13.00	1.15	chr7	N/A	3	326	106.03	57.24
PLSCR3	250.22	216.85	1.15	chr17	17p13.1	33	961	106.20	81.32
BPHL	77.87	67.49	1.15	chr6	6p25	60	908	131.27	97.80
LOXL1	101.10	87.62	1.15	chr15	15q22	38	594	104.30	148.11
HOOK3	57.12	49.51	1.15	chr8	8p11.21	85	1964	511.16	94.52
ZNF680	57.71	50.02	1.15	chr7	7q11.21	59	671	146.64	95.22
ZNF784	47.42	41.10	1.15	chr19	19q13.42	26	469	65.68	141.26
Hs.602887	41.59	36.05	1.15	chr2	N/A	3	66	26.79	110.32
BRPF1	79.87	69.25	1.15	chr3	3p26-p25	31	555	210.35	59.52
GNA11	138.63	120.21	1.15	chr19	19p13.3	89	3668	105.96	83.64
Hs.326933	19.49	16.90	1.15	chr6	N/A	4	304	12.52	65.83
Hs.38546	11.77	10.21	1.15	chr1	N/A	5	22	98.45	64.81
Hs.735278	16.16	14.02	1.15	chr5	N/A	1	304	0.00	58.05
Hs.385555	11.97	10.38	1.15	chr5	N/A	1	304	0.00	61.85
C19orf26	13.99	12.13	1.15	chr19	19p13.3	27	1137	82.78	93.60
MAP3K15	13.62	11.81	1.15	chrX	Xp22.12	16	28	84.41	50.76
S100A6	994.48	862.51	1.15	chr1	1q21	22	781	58.54	127.34
ICK	36.14	31.35	1.15	chr6	6p12.1	47	895	235.25	164.23
Hs.656747	10.96	9.51	1.15	chr15	N/A	1	304	0.00	71.13
S100A10	835.69	724.88	1.15	chr1	1q21	37	947	101.74	145.04
Hs.731871	101.92	88.41	1.15	chr16	N/A	7	73	121.44	59.28
Hs.144129	16.80	14.58	1.15	chr4	N/A	13	399	64.08	73.55
Hs.603804	62.62	54.32	1.15	chr14	N/A	2	22	18.42	47.54
CDY2A	8.78	7.62	1.15	chrY	Yq11.221	13	28	84.91	130.67
Hs.713931	11.03	9.57	1.15	chr13	N/A	1	304	0.00	65.72
BOLA2	87.75	76.13	1.15	chr16	16p11.2	64	1705	136.00	80.49
TMF1	57.83	50.17	1.15	chr3	3p21-p12	57	2092	173.65	105.17
HBG2	209.08	181.42	1.15	chr11	11p15.5	39	1080	206.29	303.42
Hs.545547	10.21	8.86	1.15	chr8	N/A	10	73	71.63	66.57
Hs.604318	10.59	9.19	1.15	chr12	N/A	7	73	113.70	65.01
Hs.128557	14.53	12.61	1.15	chr8	N/A	8	51	103.57	84.67
PSMB10	153.11	132.93	1.15	chr16	16q22.1	45	652	127.77	190.20
TBKBP1	51.58	44.78	1.15	chr17	17q21.32	40	600	135.13	90.94
CDC25C	21.60	18.76	1.15	chr5	5q31	46	1413	155.37	145.89
Hs.580607	14.63	12.71	1.15	chr2	N/A	5	22	76.91	76.04
Hs.571081	9.22	8.01	1.15	chr6	N/A	4	304	71.85	66.29
Hs.655712	41.15	35.74	1.15	chr2	N/A	7	73	153.82	114.27
ORC3	81.16	70.49	1.15	chr6	6q14.3-q16.1	30	577	124.41	85.84
KLF11	65.21	56.65	1.15	chr2	2p25	63	1094	161.95	91.76
LMO4	106.49	92.51	1.15	chr1	1p22.3	58	2121	127.73	137.77
YIF1A	160.84	139.74	1.15	chr11	11q13	30	565	74.92	63.98
TSEN2	39.36	34.20	1.15	chr3	3p25.2	32	792	69.31	55.25
Hs.670080	6.36	5.52	1.15	chr6	N/A	1	304	0.00	81.53
Hs.706146	4.47	3.89	1.15	chr13	N/A	1	304	0.00	84.96
TBC1D4	124.52	108.19	1.15	chr13	13q22.2	35	992	84.24	88.37
PEX6	40.30	35.02	1.15	chr6	6p21.1	49	1131	84.49	76.83
LOC441167	22.34	19.41	1.15	chr6	6q21	1	305	0.00	54.92
NAA30	59.90	52.05	1.15	chr14	14q22.3	77	1329	166.86	123.34
PIP5K1B	57.65	50.10	1.15	chr9	9q13	49	1006	80.01	153.05
LOC100505564	16.34	14.20	1.15	chr16	N/A	11	332	40.24	80.90
LRRRC42	55.84	48.53	1.15	chr1	1p33-p32.1	40	600	108.91	67.88
CSAG2	10.25	8.91	1.15	chrX	Xq28	35	471	236.43	130.55
LOC101060019	10.11	8.79	1.15	chr2	N/A	4	304	33.12	69.97
Hs.706927	442.39	384.53	1.15	chr6	N/A	12	498	49.99	38.39
Hs.660448	22.68	19.72	1.15	chr19	N/A	31	1059	104.53	91.19
Hs.596566	85.92	74.69	1.15	chr19	N/A	7	73	62.58	50.04
Hs.655526	188.06	163.49	1.15	chr1	N/A	1	304	0.00	35.27
FOXJ3	113.65	98.80	1.15	chr1	1p34.2	49	1138	139.54	87.96
MIF	966.89	840.69	1.15	chr22	22q11.23	44	672	48.81	67.64
Hs.596364	3.25	2.82	1.15	chr12	N/A	10	28	58.80	51.26
ATP5E	1,492.03	1,297.43	1.15	chr20	20q13.32	28	493	70.16	52.30
NR1H2	88.12	76.63	1.15	chr19	19q13.3	50	769	85.82	66.59
SIVA1	146.99	127.83	1.15	chr14	14q32.33	53	1457	92.05	245.37
GAS1	122.30	106.35	1.15	chr9	9q21.3-q22	46	1391	94.98	195.62
SUB1	269.89	234.72	1.15	chr5	5p13.3	81	1930	113.57	111.51
LINC00488	7.26	6.31	1.15	chr3	3q13.13	1	305	0.00	82.16
TCEA3	130.96	113.91	1.15	chr1	1p36.12	56	815	113.93	159.39
AAGAB	65.16	56.68	1.15	chr15	15q22.33-q23	45	1403	91.78	112.45
Hs.50925	15.62	13.59	1.15	chr17	N/A	11	377	81.86	78.41
TOM1	77.96	67.82	1.15	chr22	22q13.1	35	599	141.71	74.34
FZD4	112.75	98.09	1.15	chr11	11q14.2	53	1016	104.18	117.54
Hs.657898	272.42	237.09	1.15	chr6	N/A	7	73	63.74	54.09
Hs.444690	10.15	8.83	1.15	chrX	N/A	1	304	0.00	90.27
Hs.733721	14.61	12.72	1.15	chr1	N/A	1	304	0.00	92.22
LINC00486	8.14	7.09	1.15	chr2	2p22.3	6	978	66.98	87.70
CRKL	105.24	91.61	1.15	chr22	22q11.21	52	1120	215.66	85.42
CDCA2	32.49	28.29	1.15	chr8	8p21.2	40	799	82.50	147.67
OIT3	57.06	49.68	1.15	chr10	10q22.1	28	483	175.11	201.11
Hs.679455	14.71	12.81	1.15	chr4	N/A	1	304	0.00	53.36
ZNF532	185.97	161.93	1.15	chr18	18q21.32	48	1037	231.93	177.36
FXYP7	57.90	50.42	1.15	chr19	19q13.12	21	501	157.90	164.15

LILRB5	37.72	32.85	1.15	chr19	19q13.4	36	526	111.48	99.19
Hs.323768	16.11	14.03	1.15	chr13	N/A	3	66	117.67	66.81
KRT26	5.65	4.92	1.15	chr17	17q21.2	19	29	86.72	49.38
LINC00837	16.64	14.50	1.15	chr10	10p12.1	17	487	64.36	236.66
PRMT5	100.28	87.36	1.15	chr14	14q11.2	42	1168	97.15	68.50
AKIRIN2	90.89	79.19	1.15	chr6	6q15	68	1857	153.20	345.19
ZNHIT2	20.72	18.05	1.15	chr11	11q13	37	1208	67.39	104.55
ST6GALNAC6	81.06	70.63	1.15	chr9	9q34.11	24	414	117.40	74.47
HIST1H2AH	95.33	83.06	1.15	chr6	6p21.33	18	80	91.39	129.91
Hs.132376	11.15	9.72	1.15	chr11	N/A	5	22	48.19	50.75
RBL1	17.79	15.50	1.15	chr20	20q11.2	59	1574	181.15	120.97
IFNA2	7.98	6.95	1.15	chr9	9p22	23	495	57.31	72.58
Hs.288514	7.79	6.79	1.15	chr12	N/A	10	79	107.03	69.56
Hs.649277	12.72	11.09	1.15	chr5	N/A	7	73	82.22	128.64
FAM69C	50.80	44.28	1.15	chr18	18q22.3	17	376	114.16	109.78
HABP4	62.71	54.67	1.15	chr9	9q22.3-q31	50	1673	88.39	89.50
TNFRSF13C	42.62	37.16	1.15	chr22	22q13.1-q13.3	19	396	85.66	91.61
CRYBA4	20.26	17.66	1.15	chr22	22q12.1	30	567	182.89	207.61
Hs.443890	8.99	7.84	1.15	chr17	N/A	8	12	23.47	49.29
IFI27L2	165.71	144.52	1.15	chr14	14q32.12	17	344	45.11	47.97
AKT1	125.49	109.45	1.15	chr14	14q32.32	62	734	203.98	76.83
GTPBP8	87.74	76.52	1.15	chr3	3q13.2	43	1214	75.82	108.58
GNRH2	37.68	32.86	1.15	chr20	20p13	36	532	101.98	81.68
Hs.379858	268.72	234.38	1.15	chr1	N/A	7	73	91.20	75.11
CTF1	53.34	46.53	1.15	chr16	16p11.2	35	628	69.62	66.99
PLXNA1	76.56	66.78	1.15	chr3	3q21.3	55	1311	82.60	88.54
TNFSF9	37.85	33.02	1.15	chr19	19p13.3	33	528	97.08	105.95
AAED1	73.74	64.34	1.15	chr9	9q22.32	28	478	103.99	59.83
GAS6	321.09	280.19	1.15	chr13	13q34	62	1221	135.22	109.14
Hs.635432	10.00	8.73	1.15	chr12	N/A	4	304	46.74	56.85
Hs.645710	14.76	12.88	1.15	chr11	N/A	5	51	46.37	68.79
HIPK3	27.85	24.31	1.15	chr11	11p13	59	1538	91.40	87.72
PLAU	91.89	80.21	1.15	chr10	10q22.2	60	1210	153.92	180.80
Hs.527062	13.99	12.21	1.15	chr4	N/A	10	73	164.88	112.22
Hs.128103	7.64	6.67	1.15	chr7	N/A	4	304	53.31	124.07
Hs.595851	11.40	9.95	1.15	chr2	N/A	9	355	66.82	73.65
SPRN	22.44	19.59	1.15	chr1	1q42.12-q43	33	363	84.00	73.50
NAP1L4	103.42	90.30	1.15	chr11	11p15.5	58	1967	118.67	101.39
CUBN	43.20	37.72	1.15	chr10	10p12.31	41	732	501.80	254.26
Hs.705789	136.22	118.94	1.15	chr9	N/A	27	1329	119.13	106.05
Hs.570588	69.29	60.50	1.15	chr3	N/A	7	73	52.90	67.44
GTF3C3	45.11	39.40	1.15	chr2	2q33.1	58	1579	78.16	82.82
TM2D1	120.44	105.18	1.15	chr1	1p31.3	69	2056	122.23	103.05
CECR1	143.05	124.94	1.15	chr22	22q11.2	65	785	210.83	119.39
Hs.233120	23.65	20.66	1.14	chr6	N/A	1	304	0.00	65.62
GAN	14.70	12.84	1.14	chr16	16q24.1	33	579	65.67	138.69
OR2H2	29.91	26.13	1.14	chr6	6p21.3	28	923	73.69	70.40
Hs.732394	39.42	34.44	1.14	chr3	N/A	11	443	72.07	61.51
OR1J2	59.38	51.88	1.14	chr9	9q34.11	10	660	169.73	210.28
Hs.633578	100.25	87.59	1.14	chr3	N/A	3	326	57.20	39.88
Hs.150043	13.13	11.48	1.14	chr5	N/A	4	304	39.82	61.11
Hs.600029	80.65	70.47	1.14	chr15	N/A	7	73	51.69	67.63
Hs.660805	51.51	45.01	1.14	chr17	N/A	5	420	106.33	80.05
Hs.212226	8.31	7.26	1.14	chr10	N/A	11	332	48.48	80.11
Hs.568646	9.66	8.45	1.14	chr1	N/A	6	66	59.27	96.27
Hs.525445	16.19	14.15	1.14	chr14	N/A	15	450	72.75	95.59
STAR	208.17	181.99	1.14	chr8	8p11.2	36	571	240.46	430.80
FRS2	30.72	26.86	1.14	chr12	12q15	57	1353	163.62	103.61
Hs.734467	37.01	32.36	1.14	chr17	N/A	1	304	0.00	36.42
TSG101	329.68	288.26	1.14	chr11	11p15	30	577	98.02	74.76
Hs.734273	13.41	11.72	1.14	chr18	N/A	2	22	9.12	53.01
EIF3M	228.44	199.74	1.14	chr11	11p13	61	1822	103.24	117.61
MORC3	118.04	103.24	1.14	chr21	21q22.13	38	698	191.32	131.90
Hs.710734	209.15	182.95	1.14	chr17	N/A	7	73	74.47	95.10
Hs.662963	16.51	14.44	1.14	chr1	N/A	2	608	116.22	132.66
Hs.737756	22.58	19.75	1.14	chr18	N/A	1	304	0.00	49.33
NOL12	44.11	38.59	1.14	chr22	22q13.1	34	931	144.05	67.58
IFNK	6.41	5.61	1.14	chr9	N/A	21	440	104.21	100.71
Hs.598168	54.12	47.36	1.14	chr19	N/A	4	304	37.44	67.80
PPP1R3D	49.45	43.28	1.14	chr20	20q13.3	38	1026	88.77	76.56
LOC644135	11.35	9.93	1.14	chr6	6q23.3	24	732	84.75	222.08
GPR156	65.84	57.63	1.14	chr3	3q13.33	26	762	231.57	137.24
Hs.659854	443.48	388.16	1.14	chr19	N/A	7	73	165.77	64.93
Hs.541724	10.83	9.48	1.14	chr2	N/A	6	66	61.93	83.56
CTSF	168.18	147.26	1.14	chr11	11q13	35	628	83.15	93.29
AFAP1	43.11	37.75	1.14	chr4	4p16	44	580	131.60	186.25
ADCY4	112.52	98.55	1.14	chr14	14q12	26	469	80.11	92.05
Hs.663957	44.18	38.70	1.14	chr5	N/A	1	304	0.00	69.85
Hs.736066	13.73	12.02	1.14	chr3	N/A	10	28	26.63	51.41
SMOX	49.50	43.37	1.14	chr20	20p13	44	1323	162.29	114.25
MFS10	114.43	100.25	1.14	chr4	4p16.3	30	577	142.78	76.72
OR2K2	20.77	18.20	1.14	chr9	9q31.3	12	714	120.41	187.29
GRIK4	14.10	12.36	1.14	chr11	11q22.3	29	831	91.84	58.98
NAPA	155.30	136.09	1.14	chr19	19q13.33	38	1335	167.33	101.09
USP5	108.63	95.19	1.14	chr12	12p13	30	574	138.59	65.40
LOC100131510	33.16	29.06	1.14	chr2	2p23.3	25	642	114.06	123.34
ZNF141	26.02	22.81	1.14	chr4	4p16.3	39	885	115.93	102.37
SRSF5	615.06	539.11	1.14	chr14	14q24	68	1952	175.06	147.93
NLGN4X	55.57	48.71	1.14	chrX	Xp22.33	38	825	357.03	169.69
Hs.610575	8.43	7.39	1.14	chr15	N/A	2	608	92.27	97.73
Hs.147007	10.69	9.38	1.14	chr8	N/A	2	22	23.48	100.50
Hs.603494	8.29	7.27	1.14	chr2	N/A	3	66	26.22	74.17
RWDD3	79.52	69.72	1.14	chr1	1p21.3	33	584	59.77	85.24

LOC100188947	6.23	5.46	1.14	chr10	10q23.32	1	304	0.00	66.14
PSMC6	156.46	137.19	1.14	chr14	14q22.1	81	880	91.75	88.56
Hs.733064	66.65	58.44	1.14	chr7	N/A	14	146	70.03	98.62
Hs.475602	15.97	14.00	1.14	chr3	N/A	10	459	90.88	85.87
Hs.741796	22.46	19.69	1.14	chr22	N/A	5	51	69.59	69.11
Hs.135232	42.67	37.42	1.14	chr1	N/A	1	304	0.00	39.73
Hs.734696	16.94	14.86	1.14	chr12	N/A	1	304	0.00	67.59
Hs.606892	22.27	19.53	1.14	chr10	N/A	2	608	43.74	71.20
EIF2AK1	173.36	152.04	1.14	chr7	7p22	64	1591	227.10	160.74
TIPRL	94.71	83.07	1.14	chr1	1q23.2	42	1434	86.42	62.56
CNIH	284.25	249.35	1.14	chr14	14q22.2	50	723	85.31	61.96
ADAMTS19	15.04	13.20	1.14	chr5	5q23.3	24	792	139.75	198.57
Hs.458609	194.40	170.56	1.14	chr15	N/A	8	377	68.29	41.21
LOC100507538	4.86	4.27	1.14	chr7	N/A	2	22	10.69	42.30
NPRL2	83.40	73.17	1.14	chr3	3p21.3	53	1202	118.68	101.87
RNF219	49.89	43.78	1.14	chr13	13q31.1	35	845	66.07	66.93
Hs.538451	84.76	74.38	1.14	chr10	N/A	10	28	47.41	77.31
ALS2CR12	26.76	23.49	1.14	chr2	2q33.1	44	882	123.02	152.85
NDUFAF6	54.53	47.86	1.14	chr8	8q22.1	23	699	76.48	76.38
MUL1	106.61	93.59	1.14	chr1	1p36.12	28	533	76.06	59.57
ZNF605	40.32	35.40	1.14	chr12	12q24.33	49	1118	156.80	135.41
PRM3	25.00	21.95	1.14	chr16	16p13.3	25	392	114.47	164.60
Hs.660179	16.67	14.64	1.14	chr7	N/A	8	377	59.42	120.58
Hs.687909	7.03	6.18	1.14	chr9	N/A	8	377	49.07	98.56
CCDC140	13.75	12.07	1.14	chr2	2q36.1	17	333	140.53	65.00
Hs.670673	6.79	5.96	1.14	chr2	N/A	1	304	0.00	105.09
Hs.594902	35.48	31.16	1.14	chr13	N/A	16	754	138.72	85.59
Hs.660447	36.03	31.64	1.14	chr12	N/A	1	304	0.00	53.22
BECN1	128.13	112.57	1.14	chr17	17q21	49	1284	50.42	72.65
Hs.470445	10.03	8.81	1.14	chr2	N/A	3	326	94.58	134.71
TSEN15	71.87	63.17	1.14	chr1	1q25	52	1251	109.72	81.25
ATRAID	544.21	478.36	1.14	chr2	2p23.3	31	538	78.41	52.42
Hs.147682	14.35	12.62	1.14	chr17	N/A	1	304	0.00	56.25
RRS1	90.04	79.16	1.14	chr8	8q13.1	22	499	54.06	58.79
Hs.666422	12.66	11.13	1.14	chr11	N/A	3	66	78.52	84.76
C1orf109	39.93	35.10	1.14	chr1	1p34.3	21	460	72.42	70.32
RGS7BP	45.09	39.65	1.14	chr5	5q12.3	23	445	193.82	184.23
Hs.659193	65.99	58.04	1.14	chr12	N/A	5	420	88.86	52.20
Hs.602959	14.20	12.49	1.14	chr7	N/A	10	139	103.03	125.85
C14orf37	46.89	41.24	1.14	chr14	14q23.1	29	469	99.67	133.57
RAB40AL	18.45	16.23	1.14	chrX	Xq22.2	12	475	133.98	75.72
PKD1L1	12.97	11.41	1.14	chr7	7p12.3	49	905	135.13	151.04
BBS9	36.45	32.07	1.14	chr7	7p14	63	2242	122.77	98.61
Hs.654941	378.96	333.41	1.14	chr3	N/A	7	73	81.89	78.17
KCNJ2	108.78	95.71	1.14	chr17	17q24.3	30	567	123.86	109.75
SNRNP27	137.85	121.30	1.14	chr2	2p13.3	49	1142	110.97	58.63
ZSCAN1	31.16	27.42	1.14	chr19	19q13.43	19	395	45.55	64.58
Hs.603699	108.35	95.34	1.14	chr1	N/A	7	73	80.28	88.19
ANXA5	706.84	622.03	1.14	chr4	4q27	36	655	133.07	120.56
Hs.556072	16.64	14.65	1.14	chr14	N/A	8	377	101.70	305.85
CYP11B1-AS1	9.89	8.70	1.14	chr2	2p22.2	17	344	105.87	56.07
PPM1E	29.29	25.78	1.14	chr17	17q22	52	1038	185.30	106.59
VPS37C	141.50	124.55	1.14	chr11	11q12.2	30	1135	167.31	74.59
CTNNA1	239.93	211.21	1.14	chr9	9q31.2	33	577	94.89	136.52
CEP290	42.00	36.97	1.14	chr12	12q21.32	63	1434	251.41	140.02
GNAS	1,212.40	1,067.30	1.14	chr20	20q13.3	175	5542	159.61	144.10
Hs.720373	16.30	14.35	1.14	chr8	N/A	8	377	74.89	89.35
RCBTB1	55.88	49.20	1.14	chr13	13q14	51	1346	132.95	201.39
TSPY2	9.64	8.49	1.14	chrY	Yp11.2	14	12	105.49	63.65
NUP160	39.00	34.34	1.14	chr11	11p11.2	57	1507	136.69	145.51
OSCAR	29.84	26.28	1.14	chr19	19q13.42	30	365	67.20	142.93
RUVBL2	182.29	160.60	1.14	chr19	19q13.3	29	1163	103.45	159.74
ZHX3	53.89	47.48	1.14	chr20	20q12	35	992	70.91	81.26
Hs.732186	20.48	18.05	1.13	chr1	N/A	8	377	57.55	78.83
Hs.292037	11.13	9.81	1.13	chr10	N/A	5	22	67.88	77.36
MRPS17	105.36	92.84	1.13	chr7	7p11	28	533	59.49	43.18
Hs.528653	17.96	15.83	1.13	chr14	N/A	2	22	66.05	57.11
MAPK11	38.56	33.98	1.13	chr22	22q13.33	45	1457	86.02	110.26
Hs.571373	14.36	12.65	1.13	chr7	N/A	3	66	63.01	77.96
FLT3LG	23.24	20.49	1.13	chr19	19q13.3	46	1137	118.37	99.90
LOC100506071	13.35	11.77	1.13	chr14	N/A	1	306	0.00	75.73
CDH20	8.99	7.92	1.13	chr18	18q21.33	21	449	108.04	101.55
Hs.142866	16.06	14.16	1.13	chr16	N/A	10	73	72.91	79.78
AIG1	84.07	74.11	1.13	chr6	6q24.2	63	1442	100.68	126.09
MAP2K4	73.10	64.46	1.13	chr17	17p12	46	1142	81.94	90.87
HMGA2	15.94	14.06	1.13	chr12	12q15	56	3064	111.98	149.20
Hs.664677	9.97	8.79	1.13	chr9	N/A	7	73	53.12	110.38
Hs.650046	16.28	14.35	1.13	chr11	N/A	1	304	0.00	48.58
PMVK	158.90	140.12	1.13	chr1	1q22	30	577	47.81	56.60
Hs.620030	37.75	33.30	1.13	chr2	N/A	10	28	47.35	55.15
Hs.551648	6.21	5.48	1.13	chr10	N/A	1	304	0.00	86.04
ATP1A1	457.53	403.59	1.13	chr1	1p21	37	881	105.87	169.31
Hs.664497	71.56	63.12	1.13	chr4	N/A	7	73	134.08	85.29
MAP3K3	98.79	87.14	1.13	chr17	17q23.3	50	1266	92.67	81.33
Hs.744248	54.11	47.73	1.13	chr17	N/A	4	304	18.29	34.97
CDR1	22.76	20.07	1.13	chrX	Xq27.1-q27.2	36	556	125.40	432.58
CXorf40B	141.52	124.85	1.13	chrX	Xq28	42	632	68.47	45.28
RBBP8NL	28.61	25.24	1.13	chr20	20q13.33	23	500	192.04	102.04
RFTN1	116.52	102.80	1.13	chr3	3p24.3	46	1314	139.92	164.24
KCNA4	22.86	20.17	1.13	chr11	11p14	30	569	98.93	108.09
TRIML1	10.50	9.27	1.13	chr4	4q35.2	20	332	138.91	135.23
BGLAP	39.93	35.24	1.13	chr1	1q22	38	594	166.25	71.53
Hs.645315	76.57	67.58	1.13	chr6	N/A	8	377	67.14	66.04

POLR3F	36.53	32.24	1.13	chr20	20p11.23	30	575	59.92	56.48
Hs.682289	262.88	232.06	1.13	chr4	N/A	7	73	93.17	75.96
Hs.610979	19.53	17.24	1.13	chr16	N/A	11	332	35.29	47.31
MTCH1	983.93	868.81	1.13	chr6	6p21.2	38	566	103.16	72.98
SLC28A1	40.05	35.37	1.13	chr15	15q25.3	65	1165	248.20	122.80
COMMD10	68.57	60.55	1.13	chr5	5q23.1	52	1338	86.95	89.56
RBP7	157.61	139.19	1.13	chr1	1p36.22	33	542	60.31	128.73
Hs.659123	8.97	7.92	1.13	chr9	N/A	8	377	96.79	82.07
LOXL2	48.91	43.20	1.13	chr8	8p21.3	134	1873	118.47	135.20
Hs.666428	11.93	10.54	1.13	chr5	N/A	15	450	87.73	86.59
BBC3	262.76	232.11	1.13	chr19	19q13.3-q13.4	57	697	294.12	385.15
TDRD10	116.41	102.84	1.13	chr1	1q21.3	29	490	295.39	166.82
Hs.195313	22.17	19.59	1.13	chr6	N/A	7	73	84.52	86.45
Hs.160886	9.02	7.97	1.13	chr2	N/A	1	304	0.00	50.98
CD14	189.80	167.80	1.13	chr5	5q31.1	40	650	185.34	142.21
PPM1A	89.17	78.83	1.13	chr14	14q23.1	123	2683	150.03	99.54
BCL2L12	44.78	39.60	1.13	chr19	19q13.3	42	497	104.60	72.62
LOC152742	7.42	6.56	1.13	chr4	4p15.33	4	304	39.32	76.05
ZNF683	64.53	57.06	1.13	chr1	1p36.11	33	535	194.65	116.54
KIAA1841	19.55	17.29	1.13	chr2	2q14	40	568	163.85	113.07
Hs.272234	86.55	76.55	1.13	chr1	N/A	1	304	0.00	64.26
PNKD	141.24	124.92	1.13	chr2	2q35	44	1117	107.04	110.66
DICER1-AS1	30.88	27.32	1.13	chr14	14q32.13	22	703	69.31	74.25
NAGLU	52.10	46.11	1.13	chr17	17q21	43	1011	68.47	88.58
LOC100507242	25.87	22.90	1.13	chr14	N/A	3	66	26.52	109.06
POLR3C	72.73	64.38	1.13	chr1	1q21.1	37	1036	93.37	80.54
YIPF3	139.46	123.46	1.13	chr6	6p21.1	30	572	84.58	106.79
DNA2	30.58	27.08	1.13	chr10	10q21.3-q22.1	33	592	99.68	107.01
Hs.660309	16.49	14.60	1.13	chr11	N/A	11	332	171.18	59.57
ZBTB4	319.90	283.31	1.13	chr17	17p13.1	39	899	84.51	76.74
CCNJL	54.88	48.60	1.13	chr5	5q33.3	42	628	224.61	161.62
LOC100966552	26.06	23.08	1.13	chr6	N/A	5	613	65.22	119.20
PLEKHH3	36.90	32.69	1.13	chr17	17q21.2	36	904	87.56	111.95
Hs.603695	12.03	10.66	1.13	chr2	N/A	2	22	6.16	71.54
BAMBI	110.17	97.63	1.13	chr10	10p12.3-p11.2	37	589	111.53	129.28
MED22	76.46	67.76	1.13	chr9	9q34.2	56	636	92.74	55.30
PNKP	68.58	60.78	1.13	chr19	19q13.3-q13.4	26	516	102.18	48.51
Hs.561511	53.23	47.17	1.13	chr6	N/A	11	332	28.41	77.73
TRAK2	167.21	148.18	1.13	chr2	2q33	87	1463	119.03	143.23
LINC00085	32.38	28.70	1.13	chr19	19q13.41	15	678	50.48	77.49
ZNF716	121.73	107.90	1.13	chr7	7p11.2	10	28	43.12	38.18
Hs.616780	10.47	9.28	1.13	chr4	N/A	1	304	0.00	92.46
Hs.454036	29.76	26.39	1.13	chr8	N/A	9	323	15.76	91.31
WEE2	14.35	12.72	1.13	chr7	7q32	7	73	101.59	100.99
MRAP	37.44	33.20	1.13	chr21	21q22.1	32	992	148.76	148.94
TRIM24	59.29	52.57	1.13	chr7	7q32-q34	51	1468	109.49	112.30
STIP1	101.00	89.57	1.13	chr11	11q13	45	1025	154.62	82.43
HBS1L	68.72	60.94	1.13	chr6	6q23.3	84	1935	129.74	112.94
RMDN1	123.85	109.84	1.13	chr8	8q21.3	71	1427	140.61	247.42
IGLV1-40	19.07	16.92	1.13	chr22	22q11.2	5	420	41.98	103.67
Hs.712867	2,507.67	2,224.94	1.13	chr20	N/A	7	73	95.33	71.96
RAI2	103.87	92.17	1.13	chrX	Xp22	28	538	55.67	71.66
Hs.705707	88.09	78.18	1.13	chr1	N/A	7	73	63.90	50.10
C2orf49	57.40	50.95	1.13	chr2	2q12.1	40	1169	237.73	90.39
LOC100131825	35.04	31.10	1.13	chr1	1q23.2	12	879	125.85	104.60
Hs.660368	13.12	11.65	1.13	chr4	N/A	3	66	85.95	103.77
Hs.667009	23.35	20.73	1.13	chr1	N/A	3	66	66.54	123.79
KLK14	24.52	21.77	1.13	chr19	19q13.3-q13.4	21	454	88.39	105.38
FAM25C	28.64	25.43	1.13	chr10	10q11.22	2	16	107.56	76.09
IAH1	229.77	204.02	1.13	chr2	2p25.1	33	885	83.69	83.57
Hs.670185	36.95	32.81	1.13	chr6	N/A	1	304	0.00	77.58
Hs.668463	24.13	21.43	1.13	chr17	N/A	12	636	51.53	64.81
LOC100506125	13.89	12.34	1.13	chr12	N/A	24	360	66.54	73.66
Hs.543425	19.41	17.24	1.13	chr4	N/A	10	73	72.62	58.45
Hs.575825	24.32	21.61	1.13	chr1	N/A	5	22	87.63	59.36
Hs.514454	14.50	12.88	1.13	chr17	N/A	5	22	63.27	86.58
ELP6	62.12	55.19	1.13	chr3	3p21.31	42	1461	108.20	62.67
CNN3	527.82	468.91	1.13	chr1	1p22-p21	38	960	116.38	128.39
Hs.131218	10.33	9.18	1.13	chr17	N/A	7	73	107.33	116.42
Hs.664468	25.50	22.66	1.13	chr2	N/A	1	304	0.00	49.30
Hs.435121	14.11	12.54	1.13	chr2	N/A	6	66	51.95	79.67
C12orf10	118.97	105.74	1.13	chr12	12q13	28	550	141.67	71.01
Hs.409816	42.79	38.03	1.13	chr10	N/A	8	746	91.32	101.05
SLC38A7	68.34	60.74	1.13	chr16	16q21	48	1394	85.76	78.84
NSMAF	67.68	60.17	1.12	chr8	8q12-q13	48	1939	96.64	88.79
CECR6	27.53	24.48	1.12	chr22	N/A	26	461	77.43	116.17
Hs.733190	31.30	27.83	1.12	chr14	N/A	1	304	0.00	48.88
CFP	54.23	48.22	1.12	chrX	Xp11.4	38	583	165.89	261.62
PBX3	111.52	99.15	1.12	chr9	9q33.3	55	1128	135.98	190.95
THBS2	209.97	186.69	1.12	chr6	6q27	42	644	243.11	143.27
XAGE2	25.06	22.28	1.12	chrX	Xp11.22	24	85	202.32	160.21
Hs.46839	40.82	36.30	1.12	chrX	N/A	6	66	71.24	117.28
HLA-DOA	73.11	65.01	1.12	chr6	6p21.3	97	2404	187.94	207.16
Hs.166647	15.96	14.19	1.12	chr3	N/A	7	73	171.58	110.04
FAM27E1	16.54	14.71	1.12	chr9	9p11.2	3	320	98.84	70.84
FAM92A1	63.97	56.89	1.12	chr8	8q22.1	50	1199	85.29	201.53
CGB7	23.30	20.72	1.12	chr19	19q13.32	14	63	47.74	77.07
DIAPH1	121.91	108.44	1.12	chr5	5q31	54	1745	121.84	108.00
Hs.598839	30.26	26.93	1.12	chr10	N/A	2	22	31.26	41.75
GPR137C	16.65	14.82	1.12	chr14	14q22.1	21	411	181.44	78.99
WFDC6	59.74	53.17	1.12	chr20	20q13.12	23	489	276.15	203.06
Hs.593885	40.17	35.76	1.12	chr16	N/A	17	146	278.43	83.36
Hs.521131	7.05	6.27	1.12	chr7	N/A	1	304	0.00	68.00

ASMTL	111.92	99.65	1.12	chrX	Xp22.3; Yp11.	60	1528	71.20	59.59
Hs.58593	117.47	104.59	1.12	chr13	N/A	7	73	63.50	69.21
LINC00116	239.96	213.67	1.12	chr2	2q13	27	360	99.53	129.42
LOC100127910	61.97	55.18	1.12	chr1	1q24.2	2	22	13.76	84.91
Hs.658729	9.86	8.78	1.12	chr7	N/A	1	304	0.00	69.25
IFNGR1	275.69	245.50	1.12	chr6	6q23.3	51	1388	144.05	89.06
Hs.153238	13.39	11.92	1.12	chr3	N/A	5	22	107.96	81.30
CDNF	14.20	12.65	1.12	chr10	10p13	16	384	84.53	98.59
PAQR3	52.19	46.48	1.12	chr4	4q21.21	44	661	217.46	107.59
EIF4G3	82.14	73.17	1.12	chr1	1p36.12	64	1845	145.27	125.80
Hs.136697	8.69	7.74	1.12	chr5	N/A	4	304	48.42	97.57
Hs.541865	19.11	17.02	1.12	chr2	N/A	7	73	119.34	92.99
FOXN2	303.71	270.64	1.12	chr2	2p22-p16	38	946	251.04	311.19
SLC5A12	16.67	14.85	1.12	chr11	11p14.2	101	1767	157.58	224.51
Hs.572642	217.75	194.06	1.12	chr2	N/A	8	377	128.76	83.30
Hs.637782	16.89	15.06	1.12	chr7	N/A	1	307	0.00	58.61
Hs.194152	8.39	7.48	1.12	chr4	N/A	8	377	57.60	94.16
Hs.657148	66.57	59.33	1.12	chr9	N/A	7	73	70.88	85.14
FLJ42875	26.82	23.90	1.12	chr1	1p36.32	43	1419	70.31	125.46
CIB2	57.74	51.47	1.12	chr15	15q24	49	1518	81.02	82.43
PIK3R4	43.55	38.82	1.12	chr3	3q22.1	40	1412	139.95	135.65
RAVER2	25.29	22.55	1.12	chr1	1p31.3	53	954	143.80	105.35
PLK3	41.65	37.14	1.12	chr1	1p34.1	38	947	83.47	75.39
BCAS4	41.91	37.38	1.12	chr20	20q13.13	47	512	93.36	157.38
LINC00471	6.86	6.12	1.12	chr2	2q37.1	20	332	73.60	66.15
Hs.616028	16.61	14.82	1.12	chr1	N/A	7	73	195.86	83.86
LEPROTL1	138.98	123.98	1.12	chr8	8p21	42	1065	86.52	54.19
MRPL40	191.33	170.68	1.12	chr22	22q11.2	30	577	61.57	62.75
JPH1	77.42	69.07	1.12	chr8	8q21	27	761	114.98	308.39
Hs.634385	15.98	14.25	1.12	chr17	N/A	6	355	68.06	97.06
GORASP1	67.99	60.66	1.12	chr3	3p22-p21.33	38	949	142.23	100.42
Hs.658776	24.55	21.90	1.12	chr2	N/A	1	304	0.00	84.22
FLJ37786	6.84	6.10	1.12	chr1	1q21	1	304	0.00	88.39
Hs.654766	50.84	45.36	1.12	chr17	N/A	5	422	48.26	59.00
BDNF	25.11	22.41	1.12	chr11	11p13	61	939	131.58	115.39
WDR45	135.13	120.60	1.12	chrX	Xp11.23	41	992	78.99	45.23
HNRNPAB	227.13	202.71	1.12	chr5	5q35.3	46	1006	142.11	106.73
Hs.54751	22.60	20.17	1.12	chr22	N/A	17	146	101.98	108.54
MTRF1L	39.89	35.61	1.12	chr6	6q25-q26	41	1243	142.58	86.53
MED25	78.53	70.09	1.12	chr19	19q13.3	29	1243	221.49	144.10
Hs.559806	11.09	9.90	1.12	chr10	N/A	7	73	79.12	77.68
MGC15705	20.88	18.64	1.12	chr22	22q12.2	16	384	119.33	115.71
Hs.658904	22.17	19.79	1.12	chr3	N/A	1	304	0.00	57.19
Hs.741279	42.54	37.98	1.12	chr7	N/A	1	304	0.00	51.59
TRIM69	61.82	55.20	1.12	chr15	15q21.1	54	1178	78.37	88.75
EVX1	33.58	29.99	1.12	chr7	7p15.2	41	1280	124.69	145.64
SH3KBP1	284.01	253.69	1.12	chrX	Xp22.1-p21.3	42	1083	130.08	107.54
Hs.657338	29.34	26.21	1.12	chr3	N/A	1	304	0.00	84.28
Hs.713758	818.03	730.72	1.12	chr13	N/A	10	73	108.01	102.33
LINC00700	17.25	15.41	1.12	chr10	10p15.3	1	305	0.00	65.64
Hs.147636	13.80	12.33	1.12	chr18	N/A	3	66	53.87	90.26
METAP1	156.72	139.99	1.12	chr4	4q23	42	615	117.27	56.79
BTBD17	39.04	34.88	1.12	chr17	17q25.1	7	370	110.91	126.74
Hs.729450	12.26	10.95	1.12	chr16	N/A	7	73	54.50	82.35
EGR4	28.57	25.52	1.12	chr2	2p13	43	1374	196.02	171.69
Hs.543574	10.09	9.01	1.12	chr4	N/A	7	73	98.17	109.23
Hs.710512	20.31	18.14	1.12	chr3	N/A	8	377	43.95	69.73
GPR153	144.52	129.13	1.12	chr1	1p36.31	37	1045	151.93	118.29
TCEB3C	7.80	6.97	1.12	chr18	18q21.1	17	336	153.41	59.07
LOC100630923	29.77	26.60	1.12	chr7	7q22.1	12	698	115.83	63.58
C11orf48	100.72	90.02	1.12	chr11	11q12.3	28	533	70.34	52.38
HEXA-AS1	9.46	8.45	1.12	chr15	15q23	15	448	56.43	68.84
PRCC	82.98	74.17	1.12	chr1	1q21.1	33	577	119.58	97.13
Hs.714491	56.17	50.22	1.12	chr5	N/A	7	73	86.86	62.47
FLI1	47.11	42.12	1.12	chr11	11q24.1-q24.3	60	1515	139.70	133.80
Hs.657182	17.77	15.89	1.12	chr16	N/A	8	377	58.97	107.40
C9orf173	29.42	26.31	1.12	chr9	9q34.3	10	671	92.65	89.99
PTPRB	56.82	50.82	1.12	chr12	12q15-q21	72	1937	136.55	159.54
TMEM55A	69.11	61.82	1.12	chr8	8q21.3	24	413	88.01	68.15
POTEG	11.48	10.27	1.12	chr14	14q11.2	24	40	250.50	158.20
FLJ31945	14.07	12.59	1.12	chr13	13q14.2	14	388	102.53	60.06
Hs.592660	72.45	64.82	1.12	chr1	N/A	1	304	0.00	31.66
INF2	58.08	51.96	1.12	chr14	14q32.33	68	1577	175.37	115.45
Hs.603302	26.80	23.98	1.12	chr10	N/A	2	22	123.26	78.57
ATF2	64.97	58.14	1.12	chr2	2q32	79	1630	253.66	133.26
ZSCAN18	147.07	131.61	1.12	chr19	19q13.43	49	1009	155.25	83.33
Hs.5327	213.98	191.49	1.12	chr15	N/A	4	304	17.47	46.85
SHANK3	109.83	98.29	1.12	chr22	22q13.3	33	929	123.33	197.04
RPS8	1,437.84	1,286.80	1.12	chr1	1p34.1-p32	39	1070	77.29	110.55
C15orf32	6.77	6.06	1.12	chr15	15q26.1	17	334	35.29	242.43
HIST2H2BE	143.33	128.31	1.12	chr1	1q21.2	74	807	140.18	115.96
Hs.130588	10.31	9.23	1.12	chr2	N/A	6	66	77.73	92.64
Hs.600653	20.50	18.35	1.12	chr10	N/A	7	73	170.97	136.66
QTRTD1	22.40	20.06	1.12	chr3	3q13.31	28	1090	58.42	107.58
Hs.664193	10.24	9.17	1.12	chr14	N/A	8	377	93.57	70.01
LINC00152	63.84	57.18	1.12	chr2	2p11.2	47	508	144.02	159.66
ADA	63.63	57.00	1.12	chr20	20q13.12	37	1036	68.57	182.28
GTF2H5	122.96	110.15	1.12	chr6	6q25.3	67	1679	127.37	155.82
Hs.574306	16.87	15.11	1.12	chr16	N/A	10	73	82.42	86.37
PITRM1	109.22	97.85	1.12	chr10	10p15.2	28	876	59.87	67.35
IARS2	208.62	186.91	1.12	chr1	1q41	37	645	89.54	67.58
Hs.734261	89.15	79.88	1.12	chr1	N/A	2	22	2.53	70.01
Hs.673081	28.83	25.83	1.12	chr4	N/A	1	304	0.00	38.72

Hs.574170	14.58	13.06	1.12	chr14	N/A	15	85	46.00	77.39
CELF2	140.61	125.99	1.12	chr10	10p13	90	2678	228.49	122.79
Hs.10263	39.43	35.33	1.12	chr8	N/A	10	28	42.60	82.88
LINC00626	33.19	29.74	1.12	chr1	1q24.2	18	440	50.46	120.71
CNTF	111.74	100.14	1.12	chr11	11q12.2	55	1634	195.23	131.35
USP28	87.64	78.55	1.12	chr11	11q23	23	1047	117.35	115.00
ABI2	108.33	97.11	1.12	chr2	2q33	104	3207	426.65	123.64
Hs.207604	72.24	64.76	1.12	chr16	N/A	1	304	0.00	39.08
LDLRAD4	44.08	39.53	1.12	chr18	18p11.21	72	1927	150.02	89.27
RALGPS1	41.07	36.83	1.12	chr9	9q33.3	58	1961	337.02	92.15
Hs.48803	12.86	11.53	1.12	chr11	N/A	7	73	46.68	86.12
TMEM106C	121.53	108.97	1.12	chr12	12q13.1	33	915	58.51	96.98
Hs.657189	29.68	26.62	1.12	chr2	N/A	1	304	0.00	71.90
SEC61A2	56.44	50.61	1.12	chr10	10p14	60	1278	205.64	105.91
SLC52A1	16.82	15.08	1.12	chr17	17p13.2	21	450	76.76	100.30
Hs.113689	39.51	35.44	1.11	chr3	N/A	1	304	0.00	37.67
Hs.658115	27.58	24.75	1.11	chr1	N/A	12	124	92.54	244.69
Hs.655955	28.32	25.41	1.11	chr17	N/A	11	340	73.08	82.72
C1orf168	31.49	28.26	1.11	chr1	1p32.2	56	975	122.09	208.39
DNAJC17	40.96	36.75	1.11	chr15	15q15.1	23	512	98.56	57.84
PEX13	33.73	30.27	1.11	chr2	2p16.1	49	1835	104.84	110.09
PCDH20	23.17	20.79	1.11	chr13	13q21	33	541	86.47	93.54
Hs.520072	8.52	7.65	1.11	chr6	N/A	7	73	59.45	83.01
AIMP1	117.98	105.90	1.11	chr4	4q24	61	1410	141.05	93.14
Hs.539714	16.07	14.43	1.11	chr13	N/A	14	1289	82.51	69.42
AMDHD2	27.07	24.30	1.11	chr16	16p13.3	33	590	116.04	120.71
Hs.741546	135.51	121.68	1.11	chr8	N/A	7	73	52.34	70.85
Hs.632855	17.30	15.53	1.11	chr2	N/A	18	852	98.33	103.61
NELFE	195.15	175.27	1.11	chr6	6p21.3	43	617	83.13	106.45
TXNLA4	178.91	160.71	1.11	chr18	18q23	47	1064	73.70	89.19
PUS1	55.00	49.41	1.11	chr12	12q24.33	44	565	110.70	82.56
RHOB	357.17	320.87	1.11	chr2	2p24	50	1989	185.10	221.57
Hs.599526	90.74	81.52	1.11	chr5	N/A	7	73	41.14	58.07
Hs.736296	32.58	29.27	1.11	chr20	N/A	1	304	0.00	34.34
Hs.125626	8.66	7.78	1.11	chr2	N/A	10	73	99.23	52.79
C9orf123	149.81	134.62	1.11	chr9	9p24.1	41	874	109.47	89.30
THEG	24.84	22.32	1.11	chr19	19p13.3	24	460	66.23	100.14
UCHL5	45.75	41.11	1.11	chr1	1q32	162	1953	51.23	75.02
Hs.132347	14.10	12.67	1.11	chr3	N/A	2	22	28.60	99.58
TMEM126B	156.66	140.81	1.11	chr11	11q14.1	35	849	84.06	78.50
Hs.635341	21.10	18.96	1.11	chr19	N/A	1	304	0.00	46.72
Hs.547825	14.85	13.35	1.11	chr9	N/A	10	73	131.81	109.82
PTPN11	111.15	99.90	1.11	chr12	12q24	123	3015	132.53	298.69
AIFM2	82.40	74.07	1.11	chr10	10q22.1	48	966	97.42	152.80
Hs.656919	14.22	12.79	1.11	chr1	N/A	1	304	0.00	85.87
Hs.408196	17.00	15.29	1.11	chr13	N/A	4	304	40.05	62.49
RASGRP2	56.08	50.43	1.11	chr11	11q13	53	1882	78.97	148.87
RPS6KA1	147.06	132.24	1.11	chr1	1p	38	621	273.97	167.56
FOXE1	22.54	20.27	1.11	chr9	9q22	55	1052	123.23	267.62
C5orf63	19.84	17.84	1.11	chr5	5q23.2	27	1428	69.91	81.98
ENAH	140.00	125.90	1.11	chr1	1q42.12	101	2469	268.56	142.22
OR13C5	16.18	14.55	1.11	chr9	9q31.1	5	52	58.88	90.59
Hs.664113	42.53	38.26	1.11	chr10	N/A	7	73	150.81	114.84
Hs.588381	299.32	269.29	1.11	chr8	N/A	7	73	70.82	67.73
PHF16	50.79	45.70	1.11	chrX	Xp11.23	43	600	85.12	178.56
CSRP2BP	55.22	49.69	1.11	chr20	20p11.23	42	898	83.41	93.80
Hs.659407	15.19	13.66	1.11	chr7	N/A	7	73	98.28	61.47
Hs.722308	348.19	313.34	1.11	chr8	N/A	1	304	0.00	37.75
Hs.594258	43.06	38.75	1.11	chr3	N/A	1	304	0.00	57.86
Hs.596676	46.13	41.51	1.11	chr17	N/A	7	73	104.88	44.70
DGUOK	103.75	93.37	1.11	chr2	2p13	62	1459	115.61	85.16
WWC3	119.09	107.18	1.11	chrX	Xp22.32	65	1136	132.64	72.78
ABCB6	48.66	43.81	1.11	chr2	2q36	47	1064	78.66	102.01
LHFP	202.14	181.98	1.11	chr13	13q12	39	882	96.91	105.21
COLQ	49.12	44.22	1.11	chr3	3p25	49	605	154.87	141.01
Hs.104990	7.00	6.30	1.11	chr2	N/A	4	304	66.87	47.75
MRPS16	104.38	93.99	1.11	chr10	10q22.1	53	1013	95.61	64.03
Hs.663583	13.24	11.92	1.11	chr1	N/A	5	420	57.70	65.98
Hs.544607	9.00	8.11	1.11	chr6	N/A	7	73	60.32	64.28
Hs.128017	8.47	7.63	1.11	chr16	N/A	2	22	81.35	50.93
ABCD2	12.18	10.97	1.11	chr12	12q12	29	562	82.67	93.19
SH3TC2	17.21	15.51	1.11	chr5	5q32	83	1644	230.96	96.24
Hs.130203	16.40	14.78	1.11	chr4	N/A	10	393	64.98	104.63
SUMO3	281.42	253.55	1.11	chr21	21q22.3	43	1003	147.09	67.06
NMNAT1	36.08	32.51	1.11	chr1	1p36.22	31	1032	61.74	61.06
SUPT4H1	154.38	139.11	1.11	chr17	17q21-q23	52	1098	134.39	82.44
EEA1	61.32	55.26	1.11	chr12	12q22	53	1394	174.25	114.80
GALR1	6.52	5.88	1.11	chr18	18q23	24	465	82.11	87.51
DNAAF2	53.75	48.44	1.11	chr14	14q21.3	28	533	83.36	81.99
Hs.543999	10.52	9.48	1.11	chr5	N/A	10	73	133.40	194.73
DKFZp434J0226	8.14	7.34	1.11	chr19	19q13.32	4	373	45.49	85.76
DNAJC11	100.55	90.64	1.11	chr1	1p36.31	34	842	81.31	50.48
PARM1	171.02	154.19	1.11	chr4	4q13.3-q21.3	58	1009	135.57	117.52
Hs.247150	32.17	29.01	1.11	chr12	N/A	8	377	48.48	105.06
FDPS	184.16	166.06	1.11	chr1	1q22	40	1031	98.45	144.58
PLOD1	141.12	127.26	1.11	chr1	1p36.22	38	588	125.29	66.84
Hs.664818	48.55	43.78	1.11	chr3	N/A	8	377	68.79	74.77
ASCC1	79.94	72.10	1.11	chr10	10pter-q25.3	38	962	176.04	54.49
RBM15	56.06	50.57	1.11	chr1	1p13	35	1812	162.07	96.57
Hs.632453	26.98	24.33	1.11	chr1	N/A	7	73	79.88	55.13
OR7C1	18.26	16.48	1.11	chr19	19p13.1	8	424	142.43	52.13
LOC401357	106.31	95.92	1.11	chr7	7p11.2	24	40	55.76	42.05
Hs.596383	17.03	15.37	1.11	chr11	N/A	11	377	96.24	81.72

CIDEA	68.61	61.92	1.11	chr18	18	30	457	162.36	190.95
Hs.23729	28.71	25.91	1.11	chr1	N/A	15	448	61.90	106.98
CERK	136.37	123.08	1.11	chr22	22q13.31	44	561	97.92	68.24
Hs.593973	213.49	192.70	1.11	chr2	N/A	7	73	111.93	39.18
KCND2	18.10	16.34	1.11	chr7	7q31	40	601	162.13	118.70
Hs.670156	30.09	27.16	1.11	chr19	N/A	1	316	0.00	32.20
ATP6V1H	101.00	91.18	1.11	chr8	8q11.2	47	1247	80.84	90.18
LOC100507484	17.88	16.14	1.11	chr12	N/A	5	22	74.47	92.75
LOC100996613	25.02	22.59	1.11	chr14	N/A	13	354	56.73	66.93
Hs.732138	78.00	70.45	1.11	chr20	N/A	7	73	58.17	70.77
Hs.12787	10.53	9.51	1.11	chr9	N/A	17	101	57.27	79.85
ZBTB3	28.37	25.63	1.11	chr11	11q12.3	22	753	87.74	72.49
GADD45B	229.84	207.64	1.11	chr19	19p13.3	71	2050	282.66	144.79
Hs.599580	7.55	6.82	1.11	chr2	N/A	7	73	58.19	95.57
ILF2	278.20	251.44	1.11	chr1	1q21.3	35	628	95.63	107.38
NAMA	9.67	8.74	1.11	chr9	9q22.33	13	73	76.87	73.80
ATP1A1OS	31.65	28.61	1.11	chr1	1p13.1	21	762	145.81	88.19
Hs.18239	42.97	38.84	1.11	chr5	N/A	17	146	130.31	143.95
Hs.129407	12.26	11.08	1.11	chr8	N/A	6	66	60.90	155.45
IIFT140	38.69	34.97	1.11	chr16	16p13.3	32	1175	102.05	151.90
GAFA3	5.96	5.38	1.11	chr4	4p14	11	332	148.67	74.54
PITPNA-AS1	70.16	63.42	1.11	chr17	17p13.3	1	304	0.00	54.55
SMARCA1	95.79	86.60	1.11	chrX	Xq25	62	1983	100.27	116.92
C1orf226	57.53	52.01	1.11	chr1	1q23.3	27	360	114.32	181.30
Hs.617655	19.55	17.68	1.11	chr3	N/A	2	22	64.27	82.89
Hs.308641	12.11	10.95	1.11	chr15	N/A	7	73	61.92	84.32
ORC1	27.21	24.61	1.11	chr1	1p32	30	567	146.72	127.43
LOC284632	14.43	13.05	1.11	chr1	1p36.11	1	304	0.00	51.32
Hs.604078	20.71	18.73	1.11	chr13	N/A	2	22	4.32	58.50
Hs.567760	10.98	9.94	1.11	chr9	N/A	1	304	0.00	127.23
NHSL1	46.72	42.28	1.11	chr6	6q23.3	17	1621	118.85	98.44
PTPN4	43.21	39.10	1.11	chr2	2q14.2	80	1790	209.00	109.06
LOC340017	4.66	4.22	1.11	chr4	4q32.1	1	304	0.00	87.44
Hs.382124	22.23	20.12	1.11	chr9	N/A	1	304	0.00	44.84
CENPO	81.40	73.67	1.10	chr2	2p23.3	49	962	212.96	219.14
Hs.696422	33.04	29.90	1.10	chr7	N/A	4	304	34.58	95.23
SAMD10	52.45	47.47	1.10	chr20	20q13.33	27	761	103.25	106.61
IRG1	29.77	26.95	1.10	chr13	13q22.3	1	304	0.00	39.23
Hs.537678	12.30	11.14	1.10	chr1	N/A	5	22	58.26	60.85
POTEC	15.10	13.67	1.10	chr18	18p11.21	14	16	71.13	104.15
VWA8	72.98	66.07	1.10	chr13	13q14.11	79	1312	167.22	120.77
RPF1	73.70	66.73	1.10	chr1	1p22.3	33	1096	90.14	111.63
PYCR1	23.33	21.13	1.10	chr8	8q24.3	31	480	106.15	142.00
Hs.407643	11.71	10.61	1.10	chr13	N/A	2	22	63.31	74.70
HIST2H3A	133.70	121.08	1.10	chr1	1q21.2	18	40	43.88	37.73
RP1L1	16.82	15.23	1.10	chr8	8p23.1	14	332	91.39	82.98
KCNK4	19.12	17.31	1.10	chr11	11q13	26	351	51.21	121.94
Hs.148580	9.92	8.99	1.10	chr14	N/A	4	370	8.94	89.51
ACTL6A	100.76	91.26	1.10	chr3	3q26.33	33	565	106.87	102.30
NUP88	110.89	100.44	1.10	chr17	17p13.2	32	1185	98.11	128.23
CDK4	215.56	195.24	1.10	chr12	12q14	32	641	75.54	53.15
EDC4	68.73	62.25	1.10	chr16	16q22.1	30	577	118.05	60.24
LOC100507657	9.99	9.05	1.10	chr22	N/A	10	73	113.24	100.04
Hs.659268	28.63	25.93	1.10	chr14	N/A	8	377	63.57	102.43
Hs.605187	42.54	38.53	1.10	chr5	N/A	1	304	0.00	61.15
Hs.157882	12.65	11.46	1.10	chr7	N/A	14	332	97.60	71.54
TMEM5	97.38	88.22	1.10	chr12	12q14.2	35	1009	93.89	89.95
GOT1L1	27.55	24.96	1.10	chr8	8p11.23	29	738	324.75	192.70
C14orf93	35.31	31.99	1.10	chr14	14q11.2	28	530	65.68	53.81
HIST2H2AA4	291.63	264.22	1.10	chr1	1q21.2	4	32	94.88	121.97
KIAA1549L	31.60	28.64	1.10	chr11	11p13	52	1274	303.85	138.38
ACPI	129.43	117.29	1.10	chr2	2p25	61	1810	146.84	91.88
Hs.613725	10.60	9.60	1.10	chr6	N/A	10	28	111.23	64.20
KCNMB1	93.17	84.44	1.10	chr5	5q34	41	909	95.00	133.82
LGSN	7.43	6.73	1.10	chr6	6pter-q22.33	27	456	49.05	148.43
LOC100505718	8.73	7.92	1.10	chr8	N/A	6	326	32.94	64.51
Hs.599325	23.21	21.04	1.10	chr1	N/A	8	377	72.84	180.77
GRB14	47.13	42.73	1.10	chr2	2q22-q24	39	574	77.08	187.64
PRR9	25.77	23.36	1.10	chr1	1q21.3	1	304	0.00	127.68
RAB5A	192.39	174.41	1.10	chr3	3p24-p22	63	1455	144.60	115.69
Hs.549879	11.96	10.84	1.10	chr13	N/A	1	304	0.00	59.93
OR2F2	15.07	13.67	1.10	chr7	7q35	13	459	58.58	78.62
Hs.741521	24.97	22.64	1.10	chr10	N/A	1	304	0.00	38.06
Hs.15422	17.16	15.56	1.10	chr6	N/A	8	377	77.15	119.49
HINT1	839.96	761.89	1.10	chr5	5q31.2	52	2053	62.00	61.43
EPHA5	39.25	35.60	1.10	chr4	4q13.1	63	1467	265.05	257.05
JAM3	116.71	105.87	1.10	chr11	11q25	52	1411	182.36	131.64
Hs.576400	4.82	4.37	1.10	chr1	N/A	10	28	98.62	55.75
FAM124B	16.75	15.20	1.10	chr2	2q36.2	24	520	130.56	76.96
LIAS	46.41	42.12	1.10	chr4	4p14	42	667	84.04	82.64
ANKRD11	83.00	75.32	1.10	chr16	16q24.3	112	2511	146.56	86.07
Hs.591209	10.17	9.23	1.10	chr13	N/A	3	326	57.11	73.45
XRN2	90.47	82.10	1.10	chr20	20p11.2-p11.1	30	773	156.02	109.54
USP26	10.01	9.09	1.10	chrX	Xq26.2	18	384	123.03	59.64
Hs.664102	11.92	10.81	1.10	chr20	N/A	8	377	104.97	122.25
Hs.151148	8.78	7.97	1.10	chr1	N/A	2	22	8.45	62.68
MSANTD4	56.00	50.82	1.10	chr11	11q22	20	700	68.22	89.73
SRSF3	292.82	265.79	1.10	chr6	6p21	75	2635	158.22	149.76
CD163L1	40.27	36.55	1.10	chr12	12p13.3	26	468	64.38	79.77
CTSD	180.89	164.21	1.10	chr11	11p15.5	34	681	184.01	118.11
Hs.603980	10.26	9.31	1.10	chr14	N/A	8	377	53.63	71.77
LINC00264	9.95	9.03	1.10	chr10	10p12.1	10	32	217.00	80.04
CLCN4	26.10	23.70	1.10	chrX	Xp22.3	62	2322	121.70	118.29

IFI27	481.71	437.46	1.10	chr14	14q32	130	749	44.26	105.81
LOC729852	56.32	51.15	1.10	chr7	7p21.3	8	388	52.34	94.40
Hs.536664	23.94	21.74	1.10	chr3	N/A	4	304	42.02	44.70
ENPP4	74.05	67.26	1.10	chr6	6p21.1	35	997	81.05	83.71
SNRNP70	236.43	214.77	1.10	chr19	19q13.3	73	1184	196.21	126.01
Hs.569194	11.20	10.18	1.10	chr12	N/A	5	22	43.73	55.83
GPANK1	91.69	83.31	1.10	chr6	6p21.3	34	845	96.61	91.06
FAM213A	402.84	366.05	1.10	chr10	10q23.1	38	1150	112.19	88.37
VCL	414.89	377.01	1.10	chr10	10q22.2	51	1025	195.45	134.99
PPP1R15A	177.34	161.16	1.10	chr19	19q13.2	35	997	185.26	108.82
SLC25A51	47.52	43.19	1.10	chr9	9p13.3-p12	53	818	283.10	83.70
TAP1	139.77	127.03	1.10	chr6	6p21.3	37	645	96.35	86.24
CPSF2	89.73	81.57	1.10	chr14	14q31.1	54	1334	244.43	157.45
Hs.129196	44.53	40.49	1.10	chr17	N/A	25	478	112.67	282.44
PRDX3	466.98	424.54	1.10	chr10	10q25-q26	53	633	175.54	155.06
SUN1	121.42	110.39	1.10	chr7	7p22.3	61	1878	143.75	150.28
DZIP1	59.08	53.71	1.10	chr13	13q32.1	50	1115	442.70	197.89
LEPREL2	39.55	35.96	1.10	chr12	12q13	30	566	61.23	88.91
Hs.145237	11.95	10.86	1.10	chr17	N/A	3	66	50.33	92.87
SCARF2	25.95	23.60	1.10	chr22	22q11.21	41	1095	96.75	137.23
Hs.733659	55.17	50.16	1.10	chr3	N/A	7	73	93.30	65.57
Hs.693354	7.54	6.86	1.10	chr9	N/A	2	16	7.16	33.28
TEX30	77.73	70.70	1.10	chr13	13q33.1	30	572	125.56	192.91
SCGN	40.22	36.58	1.10	chr6	6p22.3-p22.1	30	572	90.80	148.21
Hs.145476	11.60	10.56	1.10	chr1	N/A	5	22	63.99	71.72
BAK1	54.34	49.44	1.10	chr6	6p21.3	29	616	75.31	66.24
NFAM1	85.54	77.83	1.10	chr22	22q13.2	23	712	197.12	131.68
COL10A1	17.49	15.92	1.10	chr6	6q21-q22	28	544	63.09	114.40
Hs.668219	12.33	11.22	1.10	chr7	N/A	2	22	19.39	151.05
FDX1L	87.50	79.64	1.10	chr19	19p13.2	41	507	69.80	102.70
ANKRD37	114.35	104.07	1.10	chr4	4q35.1	22	721	64.08	156.97
RUSC2	82.71	75.28	1.10	chr9	9p13.3	30	560	73.12	100.84
Hs.553219	7.15	6.50	1.10	chr11	N/A	2	22	75.69	47.96
MACROD1	94.30	85.84	1.10	chr11	11q11	46	983	141.64	463.90
ZDHHC21	33.08	30.11	1.10	chr9	9p22.3	105	3260	292.84	118.31
Hs.651497	20.27	18.45	1.10	chr11	N/A	2	608	86.63	70.04
PANK1	53.95	49.12	1.10	chr10	10q23.31	39	542	118.98	140.27
GCAT	69.50	63.28	1.10	chr22	22q13.1	39	1070	108.83	89.83
FREM3	7.00	6.37	1.10	chr4	4q31.21	15	445	42.05	77.89
Hs.697443	208.60	189.94	1.10	chr7	N/A	7	73	122.37	282.60
Hs.474880	16.49	15.01	1.10	chr22	N/A	12	681	93.57	116.30
SLC39A3	64.06	58.34	1.10	chr19	19p13.3	54	1126	239.31	135.25
ARNT2	83.75	76.27	1.10	chr15	15q24	30	572	219.95	143.92
Hs.447449	18.96	17.27	1.10	chr10	N/A	7	73	62.27	88.70
Hs.660672	28.02	25.52	1.10	chr16	N/A	1	304	0.00	49.79
Hs.59872	11.72	10.68	1.10	chr4	N/A	11	332	128.66	61.30
PSMC3IP	70.44	64.16	1.10	chr17	17q21.2	38	985	205.30	98.42
Hs.672949	5.81	5.29	1.10	chr2	N/A	1	304	0.00	56.04
LINC00452	39.74	36.19	1.10	chr13	13q34	1	304	0.00	42.82
GRIP1	18.95	17.27	1.10	chr12	12q14.3	63	1285	269.45	104.35
OR10P1	27.03	24.62	1.10	chr12	12q13.2	13	28	54.78	68.71
MRGPRX4	36.61	33.35	1.10	chr11	11p15.1	19	385	195.48	135.50
TSPO	459.82	418.98	1.10	chr22	22q13.31	29	504	131.16	91.03
PSMD3	141.63	129.06	1.10	chr17	17q21.1	39	605	76.03	79.84
ST18	26.86	24.48	1.10	chr8	8q11.23	57	1650	127.81	302.76
Hs.667797	24.04	21.90	1.10	chr2	N/A	15	450	109.56	73.16
Hs.660660	15.15	13.81	1.10	chr16	N/A	5	420	80.09	82.63
TNXB	119.37	108.80	1.10	chr6	6p21.3	79	2157	136.30	195.31
Hs.656677	77.87	70.97	1.10	chr1	N/A	6	355	116.59	36.54
GTF3C5	80.91	73.75	1.10	chr9	9q34	22	769	63.24	91.89
Hs.680130	8.41	7.66	1.10	chr7	N/A	1	304	0.00	90.31
FAM24A	10.23	9.32	1.10	chr10	10q26.13	14	320	55.19	197.47
UBC	4,250.21	3,874.60	1.10	chr12	12q24.3	82	1264	56.23	56.63
DUSP8	67.79	61.81	1.10	chr11	11p15.5	60	1049	67.89	83.69
Hs.638683	37.07	33.81	1.10	chr2	N/A	10	28	45.09	62.63
CLSPN	16.07	14.65	1.10	chr1	1p34.2	41	1511	157.28	75.07
KRT35	18.49	16.86	1.10	chr17	17q21.2	30	575	67.88	249.13
CHPF	113.02	103.08	1.10	chr2	2q35	30	578	127.37	76.60
LOC100506063	19.67	17.94	1.10	chr13	N/A	1	312	0.00	49.99
NR2C2	90.14	82.21	1.10	chr3	3p25	63	1287	205.12	149.93
GSTM1	214.72	195.85	1.10	chr1	1p13.3	51	1095	171.65	85.95
VPS35	334.28	304.93	1.10	chr16	16q12	61	1974	137.62	105.23
Hs.708731	113.81	103.83	1.10	chr6	N/A	7	73	108.45	61.90
KRT12	8.84	8.07	1.10	chr17	17q12	23	493	69.31	103.04
ILF3-AS1	17.83	16.27	1.10	chr19	19p13.2	10	39	177.09	46.28
Hs.672510	12.82	11.70	1.10	chr6	N/A	4	304	36.57	80.67
SHC1	95.66	87.31	1.10	chr1	1q21	73	867	126.70	87.97
PROS1	141.68	129.32	1.10	chr3	3q11.2	54	702	174.19	125.78
DCTN1	203.95	186.17	1.10	chr2	2p13	54	1037	128.77	83.11
Hs.676503	64.07	58.50	1.10	chr9	N/A	5	420	41.79	55.81
DOK5	55.46	50.64	1.10	chr20	20q13.2	38	946	197.43	98.59
CDKL3	28.51	26.03	1.10	chr5	5q31	39	1498	196.05	86.37
Hs.658502	28.93	26.42	1.10	chr9	N/A	32	551	291.78	242.32
NF1	41.94	38.30	1.10	chr17	17q11.2	120	4490	199.88	110.26
Hs.156981	18.77	17.14	1.10	chr17	N/A	10	73	60.21	99.74
Hs.734336	23.58	21.53	1.10	chr4	N/A	3	66	32.75	98.23
Hs.592551	78.56	71.74	1.10	chr1	N/A	8	377	142.39	58.34
SH2D5	41.43	37.83	1.09	chr1	1p36.12	44	506	220.93	110.67
TGM7	83.24	76.03	1.09	chr15	15q15.2	22	461	291.53	292.18
CWF19L1	54.12	49.43	1.09	chr10	10q24.31	47	1242	186.46	78.25
GPR135	17.06	15.58	1.09	chr14	14q23.1	63	1473	92.75	171.41
Hs.603648	26.34	24.06	1.09	chr10	N/A	2	22	45.40	89.15
PEX19	87.73	80.13	1.09	chr1	1q23.2	45	1025	74.14	61.83

CSF3	40.67	37.16	1.09	chr17	17q11.2-q12	36	565	430.71	177.95
C21orf128	14.46	13.21	1.09	chr21	21q22.3	25	352	97.30	89.47
NBAS	55.50	50.71	1.09	chr2	2p24	69	1438	121.16	106.85
UBE2D2	146.54	133.92	1.09	chr5	5q31.2	53	1059	99.64	87.27
CLUH	128.44	117.38	1.09	chr17	17p13.3	41	899	98.28	96.71
DBI	1,102.53	1,007.65	1.09	chr2	2q12-q21	43	1417	71.64	80.48
OR2L13	9.77	8.93	1.09	chr1	1q44	41	553	104.76	99.06
TRIM34	6.92	6.33	1.09	chr11	11p15	6	15	46.30	37.95
Hs.137466	27.55	25.19	1.09	chr14	N/A	4	304	44.10	149.21
EIF2B4	136.46	124.78	1.09	chr2	2p23.3	48	1065	125.01	47.93
TULP1	22.72	20.78	1.09	chr6	6p21.3	30	566	201.26	94.15
Hs.592414	392.60	359.05	1.09	chr3	N/A	14	548	118.76	79.10
Hs.21600	8.51	7.78	1.09	chr1	N/A	18	450	68.48	75.33
Hs.667024	11.57	10.59	1.09	chr13	N/A	3	66	135.05	76.53
EBF3	50.51	46.20	1.09	chr10	10q26.3	72	1369	198.66	149.97
CSDE1	674.92	617.41	1.09	chr1	1p22	81	1497	163.48	97.99
Hs.666135	9.38	8.58	1.09	chr17	N/A	7	73	44.93	91.33
Hs.602692	11.29	10.33	1.09	chr10	N/A	3	66	73.10	73.09
SDE2	88.50	80.98	1.09	chr1	1q42.12	24	770	109.06	96.78
EIF4E2	94.10	86.11	1.09	chr2	2q37.1	67	1947	114.98	73.36
Hs.656090	21.79	19.94	1.09	chr3	N/A	5	420	72.97	81.59
Hs.517849	11.66	10.67	1.09	chr1	N/A	1	304	0.00	70.84
Hs.668675	56.12	51.40	1.09	chr11	N/A	1	304	0.00	50.66
Hs.660959	47.83	43.81	1.09	chr12	N/A	7	73	64.38	76.86
Hs.116157	10.73	9.83	1.09	chr10	N/A	10	73	88.85	75.32
ANKRD24	20.40	18.69	1.09	chr19	19p13.3	24	1060	207.83	65.72
PDE7B	24.45	22.40	1.09	chr6	6q23-q24	36	904	156.02	76.75
Hs.659227	28.04	25.69	1.09	chr22	N/A	7	73	76.68	101.63
PRKAA1	50.86	46.60	1.09	chr5	5p12	51	1987	145.51	126.36
Hs.647993	6.41	5.87	1.09	chr4	N/A	8	377	62.81	99.17
SMIM17	13.36	12.25	1.09	chr19	19q13.43	1	314	0.00	147.01
FAM131A	79.39	72.74	1.09	chr3	3q27.1	45	1160	81.19	96.01
LOC100129361	67.29	61.66	1.09	chr12	12p13.2	15	1133	170.76	118.24
CENPM	22.78	20.88	1.09	chr22	22q13.2	30	526	192.71	106.67
Hs.745170	73.86	67.68	1.09	chr4	N/A	1	304	0.00	43.03
GSG1L	21.29	19.50	1.09	chr16	16p12.1	28	109	160.39	80.73
NEK3	56.63	51.90	1.09	chr13	13q14.13	63	1054	206.02	133.89
TBX2	49.13	45.04	1.09	chr17	17q23.2	59	1981	103.04	118.98
VDR	48.81	44.74	1.09	chr12	12q13.11	70	2055	142.18	101.13
Hs.734081	87.70	80.39	1.09	chr7	N/A	7	73	48.92	86.88
ME2	122.20	112.02	1.09	chr18	18q21	53	1437	108.06	88.82
Hs.666231	13.51	12.38	1.09	chr18	N/A	5	51	122.29	68.03
ABI3	97.06	88.98	1.09	chr17	17q21.3	21	447	185.41	115.26
Hs.720460	29.93	27.44	1.09	chr3	N/A	9	681	90.80	89.62
GSTM3	276.56	253.57	1.09	chr1	1p13.3	62	1088	119.93	293.11
KIF5C	159.82	146.54	1.09	chr2	2q23.1	34	1272	526.50	201.71
Hs.145426	11.83	10.85	1.09	chr3	N/A	5	22	56.38	62.47
SERPINE2	211.18	193.67	1.09	chr2	2q36.1	38	954	180.41	189.98
Hs.605133	72.19	66.21	1.09	chr12	N/A	1	304	0.00	53.82
SDHAF2	175.44	160.91	1.09	chr11	11q12.2	23	457	93.56	70.15
Hs.454452	17.19	15.77	1.09	chr10	N/A	9	316	26.62	59.95
RPS4Y1	649.60	595.94	1.09	chrY	Yp11.3	37	647	73.88	121.41
POU4F3	7.71	7.08	1.09	chr5	5q32	21	454	111.60	67.64
Hs.669786	35.43	32.51	1.09	chr17	N/A	1	304	0.00	53.79
NISCH	305.47	280.31	1.09	chr3	3p21.1	65	1083	188.79	151.16
KIAA0146	38.76	35.57	1.09	chr8	8q11.21	15	807	112.03	56.91
HTR2B	44.40	40.75	1.09	chr2	2q36.3-q37.1	41	719	216.75	363.36
FAM166A	65.57	60.18	1.09	chr9	9q34.3	6	356	140.42	273.42
NPDC1	179.05	164.35	1.09	chr9	9q34.3	28	536	84.23	104.67
GPR137	60.47	55.51	1.09	chr11	11cen-q22.3	45	1435	187.19	109.11
Hs.382102	106.79	98.02	1.09	chr4	N/A	7	74	139.93	128.02
LOC100506634	6.96	6.39	1.09	chr19	N/A	10	28	166.99	80.94
Hs.147630	16.39	15.05	1.09	chr15	N/A	2	22	8.33	76.43
KLF13	94.01	86.32	1.09	chr15	15q12	46	1186	126.40	139.82
ASB4	15.47	14.21	1.09	chr7	7q21-q22	83	2527	107.19	161.18
HECA	118.76	109.05	1.09	chr6	6q23-q24	37	1219	86.89	106.37
Hs.546112	18.14	16.66	1.09	chrX	N/A	10	73	64.02	107.11
Hs.712954	417.04	382.99	1.09	chr7	N/A	7	73	67.24	90.18
ZDHC8	101.22	92.96	1.09	chr22	22q11.21	46	971	159.54	113.69
EXOSC7	102.31	93.96	1.09	chr3	3p21.31	57	1144	76.80	58.04
Hs.603736	39.11	35.92	1.09	chr4	N/A	1	304	0.00	152.62
Hs.569715	7.69	7.06	1.09	chr17	N/A	7	73	54.11	75.79
SF3B2	219.01	201.18	1.09	chr11	11q13.1	31	881	97.06	153.99
PSME2	547.17	502.66	1.09	chr14	14q11.2	39	701	128.67	139.06
WDYHV1	72.29	66.41	1.09	chr8	8q24.13	28	533	71.14	50.91
TTBK1	54.57	50.14	1.09	chr6	6p21.1	34	876	167.76	68.44
DKFZp779M0652	48.08	44.18	1.09	chr11	11p11.2	11	332	25.96	44.69
MECOM	29.56	27.16	1.09	chr3	3q26.2	101	1968	209.58	214.87
SLC1A7	31.72	29.15	1.09	chr1	1p32.3	49	1319	95.01	88.14
Hs.639355	8.95	8.22	1.09	chr10	N/A	1	304	0.00	48.93
SUCLG2	144.81	133.08	1.09	chr3	3p14.1	73	2124	159.22	102.83
Hs.666978	26.34	24.22	1.09	chr3	N/A	7	73	156.27	72.45
Hs.102890	12.72	11.70	1.09	chr13	N/A	7	73	39.64	74.67
ABTB1	46.16	42.43	1.09	chr3	3q21	43	1701	100.45	146.58
EIF3A	284.60	261.71	1.09	chr10	10q26	40	1048	96.42	69.83
Hs.432394	16.00	14.71	1.09	chr8	N/A	14	703	81.26	73.04
Hs.596200	884.32	813.41	1.09	chr1	N/A	7	73	48.22	49.64
BOLA3-AS1	15.23	14.01	1.09	chr2	N/A	22	672	153.52	108.38
RP2	26.19	24.09	1.09	chrX	Xp11.3	44	975	116.61	120.86
COMMD1	198.27	182.40	1.09	chr2	2p15	42	570	128.40	68.43
Hs.269941	66.08	60.79	1.09	chr12	N/A	1	304	0.00	86.07
Hs.657948	42.58	39.17	1.09	chr9	N/A	8	377	89.94	81.71
Hs.675601	7.73	7.11	1.09	chr12	N/A	1	304	0.00	84.24

ATP6AP1	351.85	323.75	1.09	chrX	Xq28	40	600	121.42	52.53
ANKRD36C	83.28	76.64	1.09	chr2	2q11.1	29	440	112.34	253.90
NUCKS1	512.72	471.91	1.09	chr1	1q32.1	120	3370	163.25	121.05
Hs.594080	11.75	10.81	1.09	chr1	N/A	7	73	79.79	107.80
LOC100996630	15.44	14.21	1.09	chr1	N/A	7	73	95.90	228.15
LOC100506088	15.67	14.42	1.09	chr2	N/A	27	804	164.87	84.01
KLF12	38.64	35.57	1.09	chr13	13q22	99	3464	242.47	110.49
EPM2A	36.34	33.45	1.09	chr6	6q24	63	1469	117.39	122.60
WFDC13	6.11	5.62	1.09	chr20	20q13.12	17	335	38.87	78.19
FEM1C	54.39	50.08	1.09	chr5	5q22	42	644	185.25	65.60
Hs.671234	19.20	17.68	1.09	chr5	N/A	1	304	0.00	46.85
C1orf56	77.78	71.62	1.09	chr1	1q21.3	44	1241	108.09	189.18
Hs.597688	158.30	145.76	1.09	chr4	N/A	10	73	206.89	83.96
SYTL3	34.84	32.08	1.09	chr6	6q25.3	35	1390	83.46	117.53
GNL3L	59.29	54.61	1.09	chrX	Xp11.22	56	1776	146.06	92.27
PABPC4	250.44	230.67	1.09	chr1	1p34.2	44	723	177.19	82.61
ERC2	62.23	57.33	1.09	chr19	19q13.3	55	809	127.95	181.89
LINC00173	36.77	33.89	1.09	chr12	12q24.22	26	827	163.63	110.53
PRAMEF8	10.02	9.23	1.08	chr1	1p36.21	13	28	62.16	57.29
Hs.732634	143.99	132.73	1.08	chr14	N/A	7	73	50.79	45.14
Hs.596785	79.59	73.38	1.08	chrX	N/A	7	73	46.21	59.96
Hs.713809	95.15	87.72	1.08	chr17	N/A	7	73	188.40	80.36
LINC00208	43.90	40.47	1.08	chr8	8p23.1	11	369	195.76	141.72
Hs.363526	24.38	22.48	1.08	chr8	N/A	21	415	72.19	90.05
Hs.592789	24.49	22.58	1.08	chr3	N/A	23	827	177.24	104.26
DDB1	401.34	370.07	1.08	chr11	11q12-q13	49	605	100.35	130.44
COL6A1	154.05	142.05	1.08	chr21	21q22.3	138	4129	187.93	250.38
LOC440337	12.05	11.11	1.08	chr16	16p13.2	13	28	99.57	92.59
Hs.741918	8.55	7.88	1.08	chr12	N/A	1	304	0.00	61.00
Hs.666103	10.45	9.63	1.08	chr4	N/A	7	73	148.02	75.45
MS4A2	20.87	19.25	1.08	chr11	11q12-q13	35	991	66.51	76.37
FTCDNL1	14.30	13.19	1.08	chr2	2q33.1	18	632	30.46	67.75
PCNT	104.13	96.05	1.08	chr21	21q22.3	39	887	109.37	147.67
GTSE1-AS1	18.24	16.83	1.08	chr22	22q13.31	1	310	0.00	40.65
LINC00540	23.00	21.22	1.08	chr13	N/A	1	304	0.00	42.64
Hs.144878	135.39	124.90	1.08	chr22	N/A	2	22	54.11	92.02
GBA2	98.20	90.59	1.08	chr9	9p13.3	40	789	149.61	85.89
RIMBP2	35.74	32.97	1.08	chr12	12q24.33	47	1682	254.59	164.11
Hs.594762	23.50	21.68	1.08	chr2	N/A	1	304	0.00	38.70
Hs.661950	28.66	26.45	1.08	chr15	N/A	1	309	0.00	57.95
PIAS2	51.84	47.83	1.08	chr18	18q21.1	91	2970	317.71	226.23
ITIH6	28.33	26.14	1.08	chrX	Xp11.22-p11.2	21	436	164.18	154.19
UTP11L	92.01	84.91	1.08	chr1	1p34.3	31	853	71.00	130.02
ABHD8	37.24	34.37	1.08	chr19	19p13.11	21	454	173.79	76.91
ZNF142	44.64	41.20	1.08	chr2	2q35	35	1003	71.11	58.84
LPAR4	13.29	12.27	1.08	chrX	Xq21.1	30	568	115.87	105.07
PSORS1C2	50.59	46.70	1.08	chr6	6p21.3	51	655	84.93	186.90
Hs.543548	9.82	9.07	1.08	chr4	N/A	6	66	30.82	86.98
SPIRE2	36.63	33.81	1.08	chr16	16q24	29	1373	254.20	152.77
CHCHD5	54.84	50.64	1.08	chr2	2q13	55	1206	75.31	116.22
LOC100506216	27.70	25.57	1.08	chr2	N/A	21	405	226.81	94.06
ACTN3	71.80	66.30	1.08	chr11	11q13.1	30	571	116.90	481.53
Hs.744984	56.39	52.07	1.08	chr11	N/A	33	855	145.63	73.03
NGF	28.04	25.89	1.08	chr1	1p13.1	39	619	115.76	80.38
ADSL	192.10	177.40	1.08	chr22	22q13.2	35	997	109.14	83.96
UFL1	98.69	91.13	1.08	chr6	6q16.1	50	1442	188.56	101.56
H2AFX	79.34	73.28	1.08	chr11	11q23.3	52	1910	95.06	125.74
DNTTIP1	92.00	84.97	1.08	chr20	20q13.12	23	500	57.95	71.63
LOC100505912	13.60	12.56	1.08	chr4	N/A	11	350	231.98	66.53
ZNF577	32.41	29.94	1.08	chr19	19q13.41	27	768	62.07	73.72
Hs.633397	73.61	67.99	1.08	chr11	N/A	10	28	49.76	93.91
Hs.664843	27.93	25.80	1.08	chr1	N/A	8	377	97.87	87.52
SCRN2	85.95	79.39	1.08	chr17	17q21.32	30	728	108.35	96.42
HIST3H2A	73.05	67.47	1.08	chr1	1q42.13	26	849	83.49	92.61
MRPS10	131.32	121.31	1.08	chr6	6p21.1	60	1282	105.14	53.73
Hs.744233	298.54	275.79	1.08	chr4	N/A	7	73	60.74	71.31
Hs.131802	18.62	17.20	1.08	chr16	N/A	10	73	83.43	69.24
Hs.743615	279.55	258.26	1.08	chr12	N/A	7	73	92.12	66.81
RNLS	35.08	32.41	1.08	chr10	10q23.31	45	908	119.80	73.04
Hs.553279	17.34	16.02	1.08	chr7	N/A	4	304	49.06	55.54
CASP5	33.14	30.61	1.08	chr11	11q22.2-q22.3	28	553	62.77	158.62
Hs.444812	7.88	7.28	1.08	chr2	N/A	1	304	0.00	82.92
Hs.432085	11.57	10.69	1.08	chr14	N/A	10	73	73.77	69.03
ARHGAP22	28.57	26.40	1.08	chr10	10q11.22	35	968	71.36	92.04
STAU2	43.88	40.55	1.08	chr8	8q21.11	97	1621	99.68	76.45
Hs.735312	6.62	6.12	1.08	chr11	N/A	10	28	23.27	70.98
Hs.146886	7.25	6.71	1.08	chr10	N/A	1	304	0.00	59.52
RAPGEF4	31.06	28.71	1.08	chr2	2q31-q32	42	644	174.50	134.23
PCBP4	139.73	129.18	1.08	chr3	3p21	37	535	90.94	89.17
GPR17	13.97	12.91	1.08	chr2	2q21	33	965	72.24	138.19
EPDR1	220.28	203.65	1.08	chr7	7p14.1	34	445	144.42	109.34
MYOD1	28.75	26.58	1.08	chr11	11p15.4	30	561	190.33	122.50
SUN2	250.74	231.83	1.08	chr22	22q13.1	30	572	187.56	178.98
Hs.671662	22.28	20.60	1.08	chr17	N/A	2	16	92.09	18.58
PAX7	22.35	20.67	1.08	chr1	1p36.13	37	831	114.54	85.84
SYT14	13.68	12.65	1.08	chr1	1q32.2	25	541	92.82	121.82
Hs.719518	55.36	51.20	1.08	chr15	N/A	5	420	69.99	63.01
SPAG11A	32.87	30.40	1.08	chr8	8p23.1	23	537	78.86	51.68
NUP205	64.12	59.31	1.08	chr7	7q33	35	992	133.30	92.76
NPXT2	104.57	96.73	1.08	chr7	7q21.3-q22.1	30	568	149.82	209.97
SERTAD1	157.21	145.42	1.08	chr19	19q13.1-q13.2	26	469	141.79	91.14
CUL9	69.72	64.49	1.08	chr6	6p21.1	40	999	154.60	155.80
NCDN	74.61	69.02	1.08	chr1	1p34.3	60	1520	218.97	194.12

ZNF491	28.63	26.48	1.08	chr19	19p13.2	22	396	69.19	97.36
POLD2	105.19	97.32	1.08	chr7	7p13	27	577	71.43	56.27
LOC646498	14.66	13.56	1.08	chr3	3p21.31	8	22	52.64	78.87
MCF2	17.74	16.41	1.08	chrX	Xq27	60	1888	113.53	124.48
EXOSC6	75.62	69.98	1.08	chr16	16q22.1	68	1192	135.43	121.99
ZNF440	22.15	20.49	1.08	chr19	19p13.2	54	1309	74.75	94.07
TUSC2	95.65	88.51	1.08	chr3	3p21.3	59	1171	83.67	68.25
NCKAP1	274.66	254.19	1.08	chr2	2q32	47	1025	112.13	118.53
Hs.665057	48.95	45.30	1.08	chr6	N/A	1	304	0.00	76.94
ZFAT	62.97	58.29	1.08	chr8	8q24.22	32	482	192.13	75.76
COX11	83.10	76.94	1.08	chr17	17q22	95	1665	111.55	100.96
Hs.718690	181.87	168.40	1.08	chr6	N/A	7	73	212.76	159.95
Hs.112603	100.05	92.64	1.08	chrX	N/A	17	101	89.56	198.86
Hs.141748	9.57	8.86	1.08	chr10	N/A	13	28	90.45	32.29
ZNF71	32.20	29.82	1.08	chr19	19q13.4	36	894	126.02	86.07
Hs.643780	162.79	150.74	1.08	chr17	N/A	7	73	103.06	54.90
Hs.446020	13.70	12.68	1.08	chr19	N/A	7	73	150.85	89.86
Hs.734143	12.60	11.67	1.08	chr7	N/A	7	73	63.82	72.87
PEX1	43.32	40.12	1.08	chr7	7q21.2	37	1034	100.24	90.31
Hs.197922	270.79	250.83	1.08	chr1	N/A	14	146	154.15	125.17
Hs.661328	19.43	18.00	1.08	chr9	N/A	15	450	140.84	130.44
Hs.733911	11.63	10.77	1.08	chr11	N/A	5	22	43.15	40.99
LOC100130744	13.30	12.32	1.08	chr5	5p15.2	11	332	212.80	67.53
NOTCH3	122.60	113.59	1.08	chr19	19p13.2-p13.1	52	1091	140.31	125.27
Hs.648410	33.64	31.17	1.08	chr6	N/A	4	370	63.54	91.82
Hs.543493	7.04	6.52	1.08	chr4	N/A	10	73	98.80	88.86
Hs.663818	14.05	13.02	1.08	chr2	N/A	1	304	0.00	58.16
IGSF21	54.06	50.11	1.08	chr1	1p36.13	26	468	108.59	173.58
TBCB	311.97	289.23	1.08	chr19	19q13.11-q13.1	40	1417	58.52	68.15
TNFAIP6	56.83	52.69	1.08	chr2	2q23.3	51	1062	305.09	157.90
HAL	56.30	52.20	1.08	chr12	12q22-q24.1	53	1442	252.60	254.20
ACAA1	201.82	187.14	1.08	chr3	3p22.2	50	1069	64.19	103.94
RANGRF	94.55	87.68	1.08	chr17	17p13.1	35	803	57.59	83.84
MYL6P	370.05	343.20	1.08	chr16	16p11.2	30	570	144.54	415.86
Hs.735141	14.43	13.38	1.08	chrX	N/A	11	332	235.29	74.87
TECTA	13.59	12.61	1.08	chr11	11q22-q24	31	483	52.72	57.65
Hs.145178	7.71	7.15	1.08	chr5	N/A	5	22	39.75	49.02
Hs.679144	5.29	4.91	1.08	chr17	N/A	1	304	0.00	90.49
TM9SF4	114.66	106.37	1.08	chr20	20q11.21	45	1020	92.96	57.20
Hs.658551	11.37	10.55	1.08	chr7	N/A	8	408	110.20	99.24
AGT	410.46	380.93	1.08	chr1	1q42.2	55	801	55.56	254.94
Hs.665740	39.33	36.51	1.08	chrX	N/A	1	304	0.00	91.58
PCIF1	40.74	37.82	1.08	chr20	20q13.12	46	2113	80.08	70.19
SHOX2	21.46	19.92	1.08	chr3	3q25.32	63	1510	106.30	118.32
Hs.701700	503.83	467.79	1.08	chr7	N/A	7	73	59.57	58.47
ZNF347	24.90	23.12	1.08	chr19	19q13.42	37	801	134.21	100.30
TKTL1	54.42	50.54	1.08	chrX	Xq28	32	987	71.26	491.05
CASD1	36.34	33.75	1.08	chr7	7q21.3	52	1654	109.86	136.19
Hs.656434	10.14	9.42	1.08	chr17	N/A	7	73	51.03	62.56
TSKS	28.13	26.12	1.08	chr19	19q13.3	26	873	93.48	168.79
EMILIN1	65.74	61.06	1.08	chr2	2p23.3-p23.2	23	500	69.36	127.70
ZC3H12C	37.28	34.63	1.08	chr11	11q22.3	25	873	78.85	100.87
ZNF90	7.29	6.77	1.08	chr19	19p12	14	320	130.51	67.83
GLE1	61.37	57.01	1.08	chr9	9q34.11	44	1347	137.62	120.19
SPC24	31.92	29.66	1.08	chr19	19p13.2	19	384	127.70	118.19
Hs.562044	72.23	67.11	1.08	chrX	N/A	7	73	71.59	194.15
SNAPC2	90.20	83.82	1.08	chr19	19p13	37	650	63.71	82.60
OR4S1	23.36	21.70	1.08	chr11	11p11.2	18	80	75.58	97.13
LSM5	83.42	77.52	1.08	chr7	7p14.3	55	1541	145.58	123.10
Hs.667878	11.95	11.10	1.08	chr10	N/A	7	73	98.83	213.81
Hs.27908	6.35	5.90	1.08	chr8	N/A	1	304	0.00	93.01
Hs.543958	12.69	11.80	1.08	chr5	N/A	10	73	62.60	58.55
LOC284242	21.93	20.38	1.08	chr18	18q12.1	11	336	53.98	180.35
Hs.119334	40.65	37.78	1.08	chr16	N/A	1	304	0.00	50.63
CCDC53	152.50	141.77	1.08	chr12	12q23.2	28	533	116.64	88.09
SLC35F5	43.57	40.51	1.08	chr2	2q14.1	59	1365	127.39	150.36
TLN1	106.04	98.61	1.08	chr9	9p13	48	982	221.81	154.81
Hs.151274	24.98	23.23	1.08	chr10	N/A	18	405	57.48	125.47
Hs.691398	8.32	7.74	1.08	chr4	N/A	11	332	220.92	57.11
LRIG2	47.06	43.78	1.08	chr1	1p13.1	34	1217	76.09	108.40
Hs.706368	90.27	83.97	1.07	chr9	N/A	7	73	113.08	74.65
Hs.44269	19.34	17.99	1.07	chr2	N/A	2	22	105.97	73.77
SUPT6H	86.54	80.51	1.07	chr17	17q11.2	58	1822	152.35	78.98
LOC100505609	10.51	9.78	1.07	chr3	N/A	12	681	53.37	85.91
DEPDC4	11.12	10.34	1.07	chr12	12q23.1	37	791	72.11	128.23
Hs.744929	136.43	126.94	1.07	chr20	N/A	14	146	66.19	76.05
Hs.678027	8.15	7.59	1.07	chr9	N/A	1	304	0.00	57.45
FLJ16779	9.91	9.22	1.07	chr20	20q13.33	4	304	47.23	64.23
Hs.514934	508.43	473.21	1.07	chr1	N/A	8	377	92.76	85.56
SLC41A3	135.62	126.24	1.07	chr3	3q21.2	45	865	85.23	52.93
C7orf57	6.53	6.08	1.07	chr7	7p12.3	14	333	102.46	261.92
GLTSCR2	875.02	814.57	1.07	chr19	19q13.3	38	1152	102.45	126.45
UBXN2B	57.45	53.49	1.07	chr8	8q12.1	36	1011	183.20	68.61
KLHDC7B	73.37	68.32	1.07	chr22	22q13.33	30	740	196.09	551.41
ANKRD12	78.40	73.00	1.07	chr18	18p11.22	94	2167	279.01	104.71
CCDC58	49.71	46.29	1.07	chr3	3q21.1	17	406	59.33	63.75
Hs.667067	12.00	11.17	1.07	chr5	N/A	3	66	66.41	101.75
FGD5	91.66	85.36	1.07	chr3	3p25.1	31	831	252.17	126.64
Hs.596399	25.77	24.00	1.07	chr22	N/A	14	658	128.55	91.15
LOC550643	152.88	142.45	1.07	chrX	Xp11.1	43	885	105.00	96.66
Hs.595627	70.41	65.61	1.07	chr9	N/A	7	73	64.73	43.44
EFCAB4A	82.87	77.22	1.07	chr11	11p15.5	26	474	66.82	162.79
C8orf48	12.87	11.99	1.07	chr8	8p22	19	355	62.43	88.51

Hs.349122	15.01	13.99	1.07	chr11	N/A	10	476	179.08	202.21
Hs.664012	12.27	11.44	1.07	chr13	N/A	7	73	115.78	83.62
Hs.536620	15.34	14.30	1.07	chr21	N/A	14	443	125.59	96.63
Hs.659378	3.36	3.14	1.07	chr14	N/A	10	28	39.44	61.76
CCL16	80.72	75.25	1.07	chr17	17q11.2	30	572	157.48	221.96
CBBL	68.06	63.45	1.07	chr3	3q13.11	52	1417	150.67	170.37
ZMAT3	76.35	71.18	1.07	chr3	3q26.32	62	1928	158.20	76.57
UTF1	21.47	20.02	1.07	chr10	10q26	23	503	83.19	106.18
SLC7A10	31.57	29.45	1.07	chr19	19q13.1	21	458	54.43	141.41
EGFLAM	67.01	62.51	1.07	chr5	5p13.2-p13.1	65	888	164.41	113.16
NPHS1	12.98	12.10	1.07	chr19	19q13.1	32	595	51.91	111.63
LOC100506609	26.99	25.18	1.07	chr17	N/A	5	608	54.29	129.17
Hs.586384	17.94	16.74	1.07	chr8	N/A	1	304	0.00	55.99
Hs.665944	40.98	38.24	1.07	chr2	N/A	2	22	49.93	82.80
GIMAP5	97.52	91.00	1.07	chr7	7q36.1	75	2685	135.54	107.71
IBTK	83.56	77.98	1.07	chr6	6q14.1	45	1020	106.92	156.26
C19orf12	120.63	112.58	1.07	chr19	19q12	54	1178	114.39	88.14
PRMT3	42.88	40.01	1.07	chr11	11p15.1	30	571	95.47	63.91
EIF4E3	78.32	73.10	1.07	chr3	3p14	63	1578	160.31	243.67
Hs.669082	32.11	29.97	1.07	chr20	N/A	2	608	14.54	60.93
RPS28	1,381.37	1,289.43	1.07	chr19	19p13.2	60	1547	125.54	145.01
MFAF3	50.74	47.37	1.07	chr5	5q32-q33.2	62	1505	194.32	107.49
Hs.130394	15.37	14.35	1.07	chr1	N/A	3	66	37.91	124.88
Hs.536399	13.01	12.14	1.07	chr5	N/A	5	22	80.26	94.34
ZNF780A	13.42	12.53	1.07	chr19	19q13.2	27	1146	106.40	102.47
FAM96A	308.03	287.70	1.07	chr15	15q22.31	29	469	69.45	64.29
Hs.732277	137.97	128.87	1.07	chr19	N/A	2	608	32.58	65.61
LMAN2	85.23	79.61	1.07	chr5	5q35.3	43	1003	99.65	113.83
ASL	94.20	88.03	1.07	chr7	7q11.21	36	577	160.51	133.34
APOD	1,579.87	1,476.70	1.07	chr3	3q26.2-qter	44	723	126.02	157.67
MTHFD2	154.82	144.74	1.07	chr2	2p13.1	43	650	179.56	128.11
Hs.665568	50.09	46.83	1.07	chr2	N/A	1	304	0.00	55.03
LOC100505986	21.44	20.04	1.07	chr9	N/A	1	304	0.00	49.70
RASL11B	53.50	50.02	1.07	chr4	4q12	28	837	105.90	124.46
CDK5RAP2	69.58	65.06	1.07	chr9	9q33.2	60	1714	133.92	80.38
Hs.660971	18.43	17.23	1.07	chr17	N/A	7	73	82.62	100.47
SMC2	32.73	30.61	1.07	chr9	9q31.1	51	1087	117.48	82.00
Hs.672713	14.54	13.60	1.07	chr19	N/A	1	304	0.00	42.91
CHRN3	19.03	17.80	1.07	chr8	8p11.2	28	912	122.28	133.70
Hs.301974	18.89	17.68	1.07	chr8	N/A	7	73	109.98	127.07
Hs.593356	64.24	60.11	1.07	chr8	N/A	8	377	111.88	163.51
ACTR6	56.21	52.59	1.07	chr12	12q23.1	36	909	70.27	98.35
SH3PXD2A	122.81	114.92	1.07	chr10	10q24.33	63	1473	146.01	123.74
PPDPF	344.25	322.14	1.07	chr20	20q13.33	35	1192	91.73	76.58
LOC100996624	9.58	8.97	1.07	chr3	N/A	1	304	0.00	66.94
UBE2W	51.59	48.28	1.07	chr8	8q21.11	98	2589	177.75	134.44
Hs.645683	7.20	6.74	1.07	chr2	N/A	5	51	58.77	74.38
SCRIB	97.71	91.44	1.07	chr8	8q24.3	34	550	75.57	64.77
C16orf52	34.20	32.01	1.07	chr16	16p12.2	38	737	58.82	104.94
MCUR1	92.95	87.00	1.07	chr6	6p23	42	970	146.87	76.51
GAR1	96.20	90.04	1.07	chr4	4q25	34	538	122.79	58.51
WT1-AS	34.35	32.16	1.07	chr11	11p13	27	570	100.20	85.70
LINC00578	13.08	12.24	1.07	chr3	N/A	9	89	179.77	77.75
Hs.745088	149.04	139.53	1.07	chr17	N/A	7	73	162.36	96.54
PCDHA12	35.86	33.57	1.07	chr5	5q31	2	39	6.38	36.70
DHX30	81.52	76.33	1.07	chr3	3p21.31	62	2309	89.52	91.01
Hs.572260	13.24	12.40	1.07	chr13	N/A	10	73	83.64	76.09
PDLIM1	574.93	538.43	1.07	chr10	10q23.1	30	572	116.71	90.46
Hs.659799	27.46	25.72	1.07	chr16	N/A	18	405	78.12	311.60
KIAA0020	74.08	69.39	1.07	chr9	9p24.2	34	942	94.37	84.03
ARHGEF17	91.52	85.74	1.07	chr11	11q13.4	43	588	96.28	82.83
ADH1A	126.26	118.28	1.07	chr4	4q23	37	593	92.85	319.66
RBM34	49.61	46.48	1.07	chr1	1q42.3	52	1479	110.82	131.04
Hs.484295	12.59	11.80	1.07	chr5	N/A	11	377	84.68	64.14
Hs.607831	41.37	38.76	1.07	chr16	N/A	1	304	0.00	42.76
Hs.654776	243.88	228.51	1.07	chr14	N/A	7	73	28.60	79.80
TCOF1	60.14	56.36	1.07	chr5	5q32	59	1407	112.63	77.09
PA2G4	138.08	129.40	1.07	chr12	12q13.2	70	1548	137.96	131.43
CNKSR3	68.18	63.90	1.07	chr6	6q25.2	40	867	135.63	105.84
SMAP1	109.25	102.41	1.07	chr6	6q13	59	773	256.38	79.61
Hs.743484	168.32	157.81	1.07	chr5	N/A	7	73	62.78	49.00
Hs.560509	27.92	26.18	1.07	chr17	N/A	11	377	91.28	88.24
Hs.603253	696.10	652.85	1.07	chr5	N/A	3	66	136.75	130.83
Hs.657235	27.31	25.61	1.07	chr3	N/A	8	377	75.23	62.84
WASF1	90.79	85.16	1.07	chr6	6q21	40	650	438.52	236.68
PKN3	44.77	41.99	1.07	chr9	9q34.11	32	621	148.65	116.50
Hs.607296	31.97	29.99	1.07	chr19	N/A	10	28	42.43	88.89
Hs.102572	32.62	30.60	1.07	chr4	N/A	18	450	60.46	107.92
ATP6V0E1	372.98	349.89	1.07	chr5	5q35.1	63	2285	110.43	96.30
PSMC2	186.46	174.94	1.07	chr7	7q22.1-q22.3	50	1447	94.40	88.73
Hs.438233	8.86	8.31	1.07	chr14	N/A	8	377	80.88	137.94
LOC100133985	14.92	14.00	1.07	chr2	2p13.3	4	311	42.13	77.49
LINC00622	23.71	22.25	1.07	chr1	1p12	25	478	108.66	96.27
SPAG7	257.33	241.49	1.07	chr17	17p13.2	30	589	79.27	67.13
IER5	207.23	194.50	1.07	chr1	1q25.3	38	561	94.29	88.15
KDM6A	46.85	43.97	1.07	chrX	Xp11.2	39	1699	156.07	153.52
SNRPG	336.50	315.91	1.07	chr2	2p13.3	30	589	154.89	67.78
KRTAP2-3	45.93	43.12	1.07	chr17	17q21.2	23	56	57.42	128.34
DES11	89.53	84.06	1.07	chr22	22q13.2	59	1154	105.12	76.98
Hs.560505	8.18	7.68	1.07	chr17	N/A	7	73	48.33	66.25
C10orf11	10.18	9.56	1.06	chr10	10p13	16	28	90.96	40.55
KLRK1	74.43	69.89	1.06	chr12	12p13.2-p12.3	49	968	183.92	115.00
STARD4	37.58	35.29	1.06	chr5	5q22.1	25	165	119.78	91.05

Hs.667715	22.95	21.55	1.06	chr20	N/A	2	22	7.72	52.71
Hs.678249	20.08	18.85	1.06	chr11	N/A	1	304	0.00	65.98
Hs.661051	6.80	6.38	1.06	chr7	N/A	8	377	44.25	251.67
Hs.719427	9.36	8.79	1.06	chr8	N/A	10	28	131.90	46.76
ERGC3	270.06	253.65	1.06	chr20	20pter-q12	60	1453	145.31	224.69
Hs.573144	14.73	13.83	1.06	chr5	N/A	2	608	29.71	69.20
FCGR2A	53.32	50.08	1.06	chr1	1q23	55	1288	113.01	174.78
MTM1	24.78	23.28	1.06	chrX	Xq28	52	1098	108.45	114.98
Hs.597168	60.08	56.44	1.06	chr10	N/A	2	22	1.09	50.75
ARRDC4	186.84	175.55	1.06	chr15	15q26.3	29	458	146.94	92.33
LOC100505659	11.05	10.38	1.06	chr8	N/A	8	377	89.20	122.99
PTGER4P2-CDK1	69.59	65.39	1.06	chr9	9q13	29	90	97.44	99.24
RPL26	1,312.90	1,233.75	1.06	chr17	17p13	64	584	65.17	62.90
Hs.290856	29.60	27.81	1.06	chr5	N/A	8	377	193.84	54.47
Hs.660926	12.73	11.97	1.06	chr7	N/A	7	73	75.64	76.98
Hs.602542	27.70	26.04	1.06	chr6	N/A	7	73	142.24	92.31
Hs.668375	30.24	28.42	1.06	chr9	N/A	7	73	89.17	70.76
Hs.560940	14.27	13.42	1.06	chr2	N/A	4	370	90.45	69.11
DSTN	917.31	862.29	1.06	chr20	20p12.1	39	1301	85.99	111.78
CARD10	50.72	47.68	1.06	chr22	22q13.1	36	1405	82.47	126.25
Hs.383601	23.92	22.48	1.06	chr1	N/A	6	66	55.77	107.23
Hs.436046	10.15	9.54	1.06	chr7	N/A	10	73	87.64	76.17
DCTP1	121.43	114.17	1.06	chr16	16p11.2	28	533	84.19	57.89
Hs.562598	20.52	19.30	1.06	chr15	N/A	8	377	110.24	86.52
Hs.516862	13.15	12.37	1.06	chr2	N/A	6	66	90.58	103.42
RNF180	27.21	25.59	1.06	chr5	5q12.3	30	1123	130.99	165.09
Hs.598631	45.69	42.97	1.06	chr2	N/A	7	73	112.49	541.50
MFSD7	21.14	19.88	1.06	chr4	4p16.3	41	574	76.66	144.28
CPQ	171.26	161.11	1.06	chr8	8q22.2	40	1040	128.92	244.45
MAPKAP1	69.29	65.19	1.06	chr9	9q33.3	65	1691	105.11	97.97
Hs.641956	9.54	8.97	1.06	chr2	N/A	7	73	86.87	98.00
ITPK1	124.33	116.97	1.06	chr14	14q31	76	1658	131.15	150.84
SMPP4	137.08	128.97	1.06	chr2	2q21.1	56	583	78.03	59.76
RBAK	51.12	48.10	1.06	chr7	7p22.1	48	1543	196.81	108.33
Hs.105941	63.91	60.13	1.06	chr4	N/A	5	51	126.29	79.18
CHCHD2	1,103.92	1,038.64	1.06	chr7	7p11.2	63	707	94.97	72.01
MRPS6	141.11	132.79	1.06	chr21	21q22.11	92	1983	167.18	143.25
ITPKB	73.93	69.57	1.06	chr1	1q42.13	52	1834	204.97	119.52
OR4D10	21.63	20.36	1.06	chr11	11q12.1	8	52	93.55	41.81
REP15	25.95	24.42	1.06	chr12	12p11.22	17	146	87.42	107.10
Hs.132283	23.17	21.81	1.06	chr14	N/A	5	22	68.96	80.22
NID2	90.70	85.36	1.06	chr14	14q22.1	37	648	89.45	135.04
PDE4A	35.93	33.83	1.06	chr19	19p13.2	69	2385	111.36	132.54
FAM20B	104.93	98.78	1.06	chr1	1q25	62	1121	125.79	75.36
EBF2	41.09	38.68	1.06	chr8	8p21.2	45	1236	124.60	158.80
Hs.730286	17.18	16.18	1.06	chr21	N/A	1	304	0.00	43.66
Hs.147371	9.70	9.14	1.06	chr20	N/A	3	66	37.18	78.96
SENP7	54.05	50.90	1.06	chr3	3q12	63	1081	185.09	155.03
Hs.675438	18.12	17.06	1.06	chr2	N/A	1	304	0.00	50.95
Hs.729213	17.69	16.66	1.06	chr1	N/A	28	433	60.18	108.41
Hs.528450	10.02	9.43	1.06	chr13	N/A	5	608	53.76	73.12
ESRRB	19.93	18.77	1.06	chr14	14q24.3	59	1315	118.66	107.25
PSMF1	106.69	100.50	1.06	chr20	20p13	53	1430	184.89	82.88
EIF3B	183.14	172.53	1.06	chr7	7p22.3	69	2385	165.16	93.03
Hs.611279	14.11	13.29	1.06	chr15	N/A	1	305	0.00	63.15
Hs.668652	9.84	9.27	1.06	chr6	N/A	7	73	43.06	87.07
Hs.635773	33.53	31.59	1.06	chr15	N/A	1	304	0.00	62.26
FASTKD1	79.66	75.05	1.06	chr2	2q31	41	624	112.48	76.79
MCTS1	81.58	76.86	1.06	chrX	Xq24	44	1207	94.62	83.78
TSEN34	180.76	170.31	1.06	chr19	19q13.4	31	526	72.37	49.51
Hs.666464	17.81	16.78	1.06	chr18	N/A	7	73	119.64	101.70
Hs.153248	17.92	16.88	1.06	chr7	N/A	4	304	78.10	54.73
Hs.601587	18.18	17.13	1.06	chr4	N/A	7	73	47.47	80.23
Hs.645668	99.15	93.44	1.06	chr10	N/A	7	73	81.13	113.67
TOX4	116.90	110.17	1.06	chr14	14q11.2	64	1963	124.47	74.94
CXCL2	98.84	93.15	1.06	chr4	4q21	42	1212	119.63	269.44
ENPEP	44.70	42.13	1.06	chr4	4q25	45	1066	151.79	378.97
SSH2	43.45	40.95	1.06	chr17	17q11.2	58	1603	148.45	136.91
Hs.660215	54.47	51.34	1.06	chr2	N/A	7	73	37.97	81.58
INPP5K	97.82	92.20	1.06	chr17	17p13.3	45	1025	67.65	53.24
CLPB	55.61	52.42	1.06	chr11	11q13.4	29	832	124.19	248.50
Hs.713802	138.70	130.75	1.06	chr17	N/A	7	73	104.63	65.88
LOC286178	14.87	14.02	1.06	chr8	8q12.1	4	304	93.31	71.74
ZNF835	15.22	14.35	1.06	chr19	19q13.43	21	459	137.39	248.78
GCGR	23.50	22.15	1.06	chr17	17q25	30	570	247.03	138.91
SMOC2	121.00	114.07	1.06	chr6	6q27	39	897	85.76	207.88
ABCA8	140.54	132.50	1.06	chr17	17q24	38	1251	141.59	219.24
Hs.733852	8.16	7.70	1.06	chr8	N/A	8	377	51.93	110.69
TAS2R40	12.66	11.93	1.06	chr7	7q34	17	333	60.76	72.45
CDKL5	35.96	33.91	1.06	chrX	Xp22	45	686	129.32	158.54
Hs.659587	6.68	6.30	1.06	chr18	N/A	7	73	103.82	108.46
SIAE	44.45	41.91	1.06	chr11	11q24	42	1364	140.37	128.06
QRICH1	118.78	112.03	1.06	chr3	3p21.31	54	965	99.60	103.46
FAM168A	68.97	65.05	1.06	chr11	11q13.4	42	1065	152.61	92.08
BRWD1	43.43	40.97	1.06	chr21	21q22.2	134	3122	190.67	83.26
CENPH	21.63	20.41	1.06	chr5	5p15.2	22	393	52.75	90.10
GZMH	39.52	37.28	1.06	chr14	14q11.2	30	568	97.13	166.55
BCS1L	127.81	120.57	1.06	chr2	2q33	30	577	81.45	50.24
Hs.706313	206.27	194.58	1.06	chr14	N/A	15	87	111.75	62.34
SMIM7	157.46	148.54	1.06	chr19	19p13.11	65	2381	180.18	149.87
Hs.710591	18.56	17.51	1.06	chr1	N/A	3	66	67.59	63.62
NAGS	57.02	53.79	1.06	chr17	17q21.31	46	517	142.53	133.11
LOC100506369	41.58	39.23	1.06	chr21	N/A	8	377	53.56	56.76

Hs.603651	6.47	6.11	1.06	chr3	N/A	3	66	45.75	94.08
Hs.596835	12.96	12.23	1.06	chr3	N/A	7	73	109.35	90.24
Hs.604425	21.04	19.86	1.06	chr9	N/A	7	73	105.61	61.07
Hs.52931	47.42	44.75	1.06	chr8	N/A	8	377	69.64	359.69
Hs.569312	7.85	7.41	1.06	chr14	N/A	1	304	0.00	82.65
TUBA4A	473.56	447.02	1.06	chr2	2q35	69	768	107.51	116.44
Hs.132894	24.11	22.76	1.06	chr13	N/A	1	304	0.00	52.92
Hs.592737	75.63	71.39	1.06	chr15	N/A	17	918	112.23	74.87
MIR497HG	40.76	38.48	1.06	chr17	17p13.1	1	304	0.00	44.50
USE1	47.71	45.04	1.06	chr19	19p13.11	41	959	77.49	65.31
Hs.613718	6.87	6.49	1.06	chr1	N/A	4	304	39.53	91.81
KIAA0087	68.04	64.24	1.06	chr7	7p15.2	31	633	220.20	321.02
Hs.658730	19.65	18.55	1.06	chr8	N/A	8	377	112.55	75.20
Hs.664766	62.78	59.29	1.06	chr4	N/A	7	73	64.11	85.33
Hs.556287	10.76	10.16	1.06	chr12	N/A	6	66	108.00	97.83
Hs.307912	16.52	15.61	1.06	chr18	N/A	3	66	84.18	83.61
OTOG	87.80	82.95	1.06	chr11	11p15.1	15	312	152.47	146.14
SPPL2C	20.59	19.46	1.06	chr17	17q21.31	16	384	142.46	123.94
OR6Y1	16.38	15.48	1.06	chr1	1q23.1	16	28	76.08	61.87
Hs.659810	11.99	11.33	1.06	chr5	N/A	14	146	58.47	81.67
CBX7	260.28	246.02	1.06	chr22	22q13.1	50	628	61.59	71.94
GATA5	16.29	15.40	1.06	chr20	20q13.33	29	813	108.48	124.23
TTY9B	24.69	23.34	1.06	chrY	Yq11.221	8	420	121.44	80.38
Hs.733136	47.81	45.19	1.06	chr14	N/A	27	545	77.61	88.84
ESRRG	39.04	36.91	1.06	chr1	1q41	47	1011	101.21	113.91
SYF2	153.33	144.98	1.06	chr1	1p36.11	54	977	165.67	119.55
KIAA0895	27.04	25.57	1.06	chr7	7p14.2	30	572	221.56	111.76
OR10A3	12.07	11.41	1.06	chr11	11p15.4	10	662	86.36	88.56
GOLGA4	209.82	198.43	1.06	chr3	3p22-p21.3	65	811	178.62	118.00
COPZ2	81.09	76.70	1.06	chr17	17q21.32	36	915	77.24	92.60
WNK1	131.28	124.17	1.06	chr12	12p13.3	146	3604	158.96	141.85
IFNA16	16.62	15.72	1.06	chr9	9p22	15	480	169.40	83.57
SLC16A3	54.67	51.71	1.06	chr17	17q25	50	1468	113.53	162.71
CHRD2	46.69	44.16	1.06	chr11	11q14	32	487	62.94	404.12
KRTAP4-7	17.52	16.57	1.06	chr17	17q21.2	29	499	147.68	241.16
Hs.676013	54.12	51.20	1.06	chr3	N/A	10	73	108.25	144.50
KLF16	89.33	84.52	1.06	chr19	19p13.3	36	879	188.70	170.28
Hs.655897	14.12	13.36	1.06	chr8	N/A	8	377	80.09	82.10
COX16	188.32	178.21	1.06	chr14	14q24.2	29	837	72.84	83.59
VSTM2A	21.62	20.47	1.06	chr7	7p11.2	49	1476	346.81	326.44
TEAD3	67.26	63.66	1.06	chr6	6p21.2	61	819	88.33	80.33
NAA11	36.10	34.17	1.06	chr4	4q21.21	18	448	43.76	106.37
Hs.668532	20.30	19.22	1.06	chr4	N/A	1	304	0.00	48.72
Hs.432479	15.67	14.84	1.06	chr15	N/A	1	304	0.00	67.99
COL5A3	79.11	74.90	1.06	chr19	19p13.2	40	1031	176.95	85.51
OGT	206.16	195.20	1.06	chrX	Xq13	93	2811	271.11	188.42
KIR3DL1	23.95	22.68	1.06	chr19	19q13.4	29	503	109.91	78.17
Hs.732771	45.73	43.30	1.06	chr18	N/A	9	681	93.77	97.22
E2F7	45.17	42.78	1.06	chr12	12q21.2	24	762	275.18	173.72
Hs.609785	12.84	12.16	1.06	chr12	N/A	2	608	95.01	65.92
FGF20	9.22	8.73	1.06	chr8	8p22	31	527	88.57	71.62
Hs.652334	54.93	52.04	1.06	chr1	N/A	8	377	92.65	89.18
MYCT1	46.25	43.82	1.06	chr6	6q25.2	49	938	119.17	120.41
MBL2	44.72	42.37	1.06	chr10	10q11.2	50	651	190.89	258.20
NSL1	62.64	59.36	1.06	chr1	1q41	58	1712	188.32	102.29
Hs.657868	36.32	34.41	1.06	chr12	N/A	1	304	0.00	63.86
RTDR1	24.85	23.55	1.06	chr22	22q11.2	38	937	158.53	112.65
Hs.547516	22.74	21.55	1.06	chr19	N/A	7	73	44.10	61.17
Hs.668048	7.34	6.95	1.06	chr10	N/A	2	22	54.70	44.21
TMEM86A	48.48	45.95	1.06	chr11	11p15.1	38	1105	181.86	141.76
Hs.370762	15.69	14.87	1.06	chr9	N/A	1	304	0.00	63.47
RBM28	87.63	83.07	1.05	chr7	7q32.1	28	533	68.10	82.04
Hs.572123	12.30	11.66	1.05	chr11	N/A	10	73	78.70	127.41
RAD51AP1	25.20	23.89	1.05	chr12	12p13.2-p13.1	37	645	86.72	114.75
Hs.306900	15.15	14.37	1.05	chr17	N/A	14	448	51.62	67.37
Hs.670303	8.00	7.58	1.05	chr2	N/A	1	304	0.00	82.61
Hs.387794	67.22	63.75	1.05	chr8	N/A	14	146	91.14	80.67
LRRC38	24.71	23.44	1.05	chr1	1p36.21	26	412	162.15	183.95
METTL4	45.90	43.54	1.05	chr18	18p11.32	29	827	86.25	76.08
MOGS	118.87	112.75	1.05	chr2	2p13.1	36	605	88.18	113.27
Hs.732174	62.74	59.52	1.05	chr1	N/A	5	51	31.86	79.63
FUBP3	97.50	92.51	1.05	chr9	9q34.11	48	977	123.53	74.84
Hs.543144	13.31	12.63	1.05	chr3	N/A	10	73	101.52	94.76
AP4E1	26.23	24.89	1.05	chr15	15q21.2	52	1673	103.58	103.84
ARL16	106.78	101.32	1.05	chr17	17q25.3	19	396	64.52	49.87
SLFN12	14.16	13.43	1.05	chr17	17q12	21	448	82.16	68.27
ASAP3	84.15	79.86	1.05	chr1	1p36.12	26	880	83.82	69.94
GRIA1	16.21	15.39	1.05	chr5	5q31.1	39	1063	271.89	112.31
ABCD3	177.93	168.89	1.05	chr1	1p21.3	59	1062	129.23	123.09
Hs.680548	8.53	8.10	1.05	chr16	N/A	10	28	89.19	36.50
Hs.158797	14.80	14.06	1.05	chr10	N/A	5	22	44.08	60.30
Hs.655382	23.20	22.02	1.05	chr22	N/A	8	377	80.06	115.89
METTL6	24.25	23.03	1.05	chr3	3p25.1	24	1330	58.76	77.26
C9orf142	64.27	61.03	1.05	chr9	9q34.3	26	468	107.29	70.64
Hs.732580	20.34	19.32	1.05	chr10	N/A	8	377	104.39	84.36
SMAD6	30.92	29.37	1.05	chr15	15q21-q22	73	2139	159.30	142.33
Hs.675410	28.18	26.77	1.05	chr14	N/A	20	56	104.99	76.02
ZCWPW1	57.39	54.51	1.05	chr7	7q22.1	29	837	110.16	137.87
CHM	43.75	41.56	1.05	chrX	Xq21.2	52	1289	219.26	135.28
Hs.732656	17.88	16.99	1.05	chr13	N/A	8	377	65.17	88.99
Hs.559841	9.80	9.31	1.05	chr10	N/A	7	73	42.65	108.42
Hs.660496	64.51	61.29	1.05	chrX	N/A	8	377	79.18	121.65
WT1	36.98	35.14	1.05	chr11	11p13	40	1028	123.57	266.19

ODF4	21.86	20.77	1.05	chr17	17p13.1	18	637	71.67	109.97
AARS	473.38	449.80	1.05	chr16	16q22	30	589	134.45	155.13
NFE4	14.22	13.51	1.05	chr7	7q22.1	11	334	26.87	58.12
Hs.732571	73.58	69.95	1.05	chr20	N/A	8	377	90.31	229.01
COL5A2	96.00	91.26	1.05	chr2	2q14-q32	71	847	138.98	147.95
Hs.601458	52.53	49.93	1.05	chr1	N/A	7	73	68.82	64.96
Hs.128623	10.04	9.55	1.05	chr14	N/A	7	73	79.23	84.23
Hs.559593	12.07	11.48	1.05	chr1	N/A	4	304	68.97	61.22
Hs.675284	4.98	4.74	1.05	chr2	N/A	10	28	38.95	56.45
Hs.701217	8.29	7.88	1.05	chr6	N/A	7	73	29.81	84.24
TSNAX	84.04	79.94	1.05	chr1	1q42.1	7	73	74.86	109.29
MFF	198.25	188.58	1.05	chr2	2q36.3	46	1473	79.64	114.29
Hs.658592	11.31	10.76	1.05	chr11	N/A	3	66	74.73	78.05
UBE2D4	168.48	160.27	1.05	chr7	7p13	55	2306	110.33	98.86
CCDC93	54.66	51.99	1.05	chr2	2q14.1	89	2104	185.50	450.07
FLJ33360	25.08	23.86	1.05	chr5	5p15.31	17	332	74.48	53.00
ATG9A	122.64	116.68	1.05	chr2	2q35	34	533	74.14	57.66
DOK6	26.57	25.27	1.05	chr18	18q22.2	42	1117	134.16	139.30
LOC644090	29.24	27.83	1.05	chr7	7q36.1	36	855	139.14	156.87
LOC653739	12.50	11.90	1.05	chr7	7q33	1	304	0.00	64.36
Hs.602650	11.33	10.78	1.05	chr10	N/A	7	73	46.99	75.62
Hs.368206	18.75	17.85	1.05	chr4	N/A	10	73	95.03	111.06
FBXL22	21.47	20.44	1.05	chr15	15q22.31	27	761	158.81	189.93
RBFOX2	125.72	119.66	1.05	chr22	22q13.1	90	2300	208.34	103.01
SLC30A5	55.18	52.53	1.05	chr5	5q12.1	80	2027	179.92	122.21
HGF	22.03	20.97	1.05	chr7	7q21.1	88	2469	131.75	120.09
Hs.600876	17.89	17.04	1.05	chr17	N/A	22	523	108.12	106.04
Hs.594671	6.29	5.99	1.05	chr5	N/A	8	377	73.77	101.41
Hs.116075	25.05	23.86	1.05	chr2	N/A	7	73	108.57	125.90
Hs.625026	52.14	49.66	1.05	chr16	N/A	15	450	130.02	72.89
FAF1	119.13	113.47	1.05	chr1	1p33	47	1292	77.27	106.00
NDN	199.35	189.91	1.05	chr15	15q11.2-q12	30	575	146.08	81.52
Hs.658267	4.36	4.16	1.05	chr2	N/A	10	28	46.53	60.69
CLDN5	182.10	173.52	1.05	chr22	22q11.21	38	583	95.80	127.24
EMC9	58.64	55.88	1.05	chr14	14q11.2	35	618	62.02	88.30
TIAM2	36.83	35.10	1.05	chr6	6q25.2	33	936	101.66	130.50
GABRR1	16.66	15.88	1.05	chr6	6q15	23	494	72.28	70.87
LGMN	169.91	161.93	1.05	chr14	14q32.1	33	577	99.50	86.56
Hs.734233	14.68	13.99	1.05	chr6	N/A	2	22	18.30	84.73
C20orf144	19.48	18.57	1.05	chr20	20q11.22	26	457	90.94	204.49
Hs.105102	11.28	10.75	1.05	chr2	N/A	10	73	116.59	91.93
CECR2	30.47	29.05	1.05	chr22	22q11.2	24	770	89.99	130.18
Hs.523816	42.52	40.54	1.05	chr11	N/A	8	377	90.66	80.88
TSPYL1	214.17	204.25	1.05	chr6	6q22.1	14	1103	106.03	134.99
STOX2	74.84	71.38	1.05	chr4	4q35.1	39	1419	77.59	88.89
ZNF648	8.92	8.50	1.05	chr1	1q25.3	5	52	61.63	70.66
SLCO2B1	74.51	71.07	1.05	chr11	11q13	48	1468	98.29	137.37
API5	103.06	98.31	1.05	chr11	11p11.2	91	2568	151.37	154.22
ABCB11	13.95	13.31	1.05	chr2	2q24	35	989	68.62	108.10
Hs.668423	97.31	92.84	1.05	chr7	N/A	7	73	197.09	53.55
Hs.603041	11.42	10.90	1.05	chr1	N/A	3	66	56.13	65.57
Hs.668279	16.55	15.79	1.05	chr2	N/A	1	304	0.00	64.52
Hs.660312	37.05	35.35	1.05	chr1	N/A	11	377	65.17	70.88
Hs.10319	23.93	22.83	1.05	chr20	N/A	1	304	0.00	46.37
EBI3	33.43	31.90	1.05	chr19	19p13.3	42	605	95.78	127.45
Hs.601581	36.65	34.97	1.05	chrX	N/A	7	73	145.65	63.49
MLH1	199.17	190.07	1.05	chr3	3p21.3	32	616	59.28	50.37
Hs.667318	14.61	13.94	1.05	chr16	N/A	3	66	59.44	116.67
LOC150051	26.75	25.53	1.05	chr21	21q22.11	4	307	36.31	49.73
CD7	29.77	28.42	1.05	chr17	17q25.2-q25.3	28	914	91.31	118.17
FCHSD1	29.28	27.95	1.05	chr5	5q31.3	37	846	99.28	70.40
Hs.730983	59.58	56.87	1.05	chr9	N/A	1	304	0.00	71.62
C5orf22	48.04	45.86	1.05	chr5	5p13.3	52	1281	113.59	89.91
MTHFS	65.44	62.47	1.05	chr15	15q25.1	39	932	91.70	146.02
ZNF572	27.71	26.45	1.05	chr8	8q24.13	16	386	142.16	162.74
Hs.658096	13.25	12.64	1.05	chr7	N/A	1	304	0.00	63.54
GOLGA6L1	57.42	54.82	1.05	chr15	15q11.2	2	16	113.25	102.94
TBX20	9.87	9.42	1.05	chr7	7p14.3	25	384	53.24	64.81
CNPY1	10.05	9.60	1.05	chr7	7q36.3	8	377	58.56	92.84
Hs.545726	17.69	16.89	1.05	chr9	N/A	10	73	82.04	113.30
PLA2R1	29.30	27.98	1.05	chr2	2q23-q24	57	1127	278.42	233.03
NCR3LG1	32.26	30.80	1.05	chr11	11p15.1	14	332	131.38	53.64
ARHGAP11A	8.90	8.50	1.05	chr15	15q13.2	49	554	78.66	79.21
CAPNS1	669.70	639.68	1.05	chr19	19q13.12	40	650	89.30	64.15
SPATA20	192.41	183.79	1.05	chr17	17q21.33	28	533	99.74	89.27
OR8B8	46.66	44.57	1.05	chr11	11q24.2	19	385	89.17	79.96
NBPF11	193.44	184.79	1.05	chr1	1q21.1	36	84	92.40	117.46
COG3	62.13	59.35	1.05	chr13	13q14.13	78	1262	153.46	209.63
PDCD4-AS1	21.01	20.08	1.05	chr10	10q25.2	15	79	75.16	74.41
GALK2	45.82	43.78	1.05	chr15	15q21.1-q21.2	50	723	120.28	148.49
LOC285627	13.15	12.57	1.05	chr5	5q33.3	1	304	0.00	58.47
ARNT	59.49	56.85	1.05	chr1	1q21	93	2758	139.86	104.26
Hs.569538	9.53	9.11	1.05	chr16	N/A	4	304	76.06	60.25
TRPC3	26.15	25.00	1.05	chr4	4q27	35	988	127.98	184.71
HAT1	124.38	118.96	1.05	chr2	2q31.2-q33.1	33	577	80.28	90.64
DCLK2	42.79	40.93	1.05	chr4	4q31.3	39	1309	99.88	278.42
Hs.624244	15.23	14.57	1.05	chr2	N/A	10	28	42.15	80.62
GPR31	18.73	17.91	1.05	chr6	6q27	23	504	108.68	113.93
Hs.569055	11.61	11.11	1.05	chr11	N/A	13	28	108.31	69.69
TAOK2	50.57	48.39	1.05	chr16	16p11.2	60	1505	109.13	72.95
Hs.148477	11.60	11.10	1.04	chr2	N/A	6	66	64.94	71.50
SCCPDH	125.04	119.66	1.04	chr1	1q44	47	1104	83.66	130.34
DTX3	54.66	52.31	1.04	chr12	12q13.3	62	2131	115.82	150.10

Hs.660398	6.53	6.25	1.04	chr4	N/A	7	73	37.51	73.91
Hs.718571	15.09	14.44	1.04	chr20	N/A	18	405	82.08	88.88
HECW2	31.32	29.98	1.04	chr2	2q32.3	32	773	123.90	111.64
PDGFRB	157.58	150.83	1.04	chr5	5q33.1	57	731	138.33	85.96
Hs.132705	17.07	16.34	1.04	chrX	N/A	3	66	7.17	70.19
Hs.216701	17.23	16.50	1.04	chr3	N/A	4	304	38.94	72.19
LOC100287590	16.74	16.02	1.04	chr17	17q21.2	13	432	34.37	62.12
BCL2L1	60.01	57.44	1.04	chr20	20q11.21	74	1930	247.83	108.58
SPTAN1	248.01	237.41	1.04	chr9	9q34.11	44	1837	110.97	134.13
Hs.666377	21.88	20.94	1.04	chr18	N/A	3	66	47.17	101.28
ARL8A	95.93	91.85	1.04	chr1	1q32.1	36	497	126.55	85.54
C6orf99	72.09	69.02	1.04	chr6	6q25.3	8	377	76.55	369.12
BICD2	82.12	78.62	1.04	chr9	9q22.31	49	1313	160.97	108.66
ZNF30	36.38	34.84	1.04	chr19	19q13.11	23	457	87.55	65.44
Hs.663553	21.91	20.98	1.04	chr22	N/A	8	377	72.42	104.51
BPIFB3	12.37	11.85	1.04	chr20	20q11.21	16	39	82.70	87.08
Hs.567162	18.12	17.35	1.04	chrX	N/A	18	405	71.85	65.02
LACTB	51.97	49.78	1.04	chr15	15q22.1	43	1202	105.45	106.71
ZNF154	21.57	20.67	1.04	chr19	19q13.4	31	1027	75.86	90.83
Hs.666575	16.74	16.03	1.04	chr11	N/A	5	51	138.97	61.52
PPM1G	120.53	115.49	1.04	chr2	2p23.3	26	504	168.90	116.75
SEMA3A	18.62	17.84	1.04	chr7	7p12.1	56	1356	159.76	107.09
DRG2	76.56	73.36	1.04	chr17	17p11.2	35	985	73.06	63.79
FGFRL1	47.99	45.99	1.04	chr4	4p16	40	801	162.31	116.97
Hs.571610	28.48	27.29	1.04	chr9	N/A	5	22	68.03	62.75
Hs.246593	26.96	25.83	1.04	chr17	N/A	11	377	82.32	109.88
TMEM140	86.06	82.47	1.04	chr7	7q33	34	500	101.15	61.37
Hs.287827	6.37	6.11	1.04	chr7	N/A	1	304	0.00	82.28
Hs.712705	83.92	80.44	1.04	chr10	N/A	7	73	67.31	54.91
Hs.274876	34.38	32.96	1.04	chr20	N/A	7	73	64.57	78.20
LRRRC3DN	26.47	25.37	1.04	chr21	21q22.3	30	530	117.72	93.93
Hs.715921	82.09	78.72	1.04	chr11	N/A	7	73	83.68	43.97
ZNF568	15.13	14.51	1.04	chr19	19q13.12	55	1791	96.91	90.64
Hs.667842	16.05	15.39	1.04	chr10	N/A	3	66	101.28	96.66
PREP	58.93	56.52	1.04	chr6	6q22	45	1396	88.94	83.31
DYRK3	36.79	35.29	1.04	chr1	1q32.1	47	904	230.79	104.88
ANKRD44	49.03	47.03	1.04	chr2	2q33.1	59	1877	223.29	150.02
CDMT3	91.30	87.59	1.04	chr16	16q21	47	1099	91.56	93.40
GLIS1	18.39	17.64	1.04	chr1	1p32.3	28	517	78.57	115.59
Hs.607239	106.21	101.91	1.04	chr5	N/A	5	420	68.79	46.02
Hs.385785	12.20	11.70	1.04	chr11	N/A	4	304	39.73	57.63
Hs.554016	16.57	15.90	1.04	chr1	N/A	1	304	0.00	49.44
TMEM70	106.54	102.24	1.04	chr8	8q21.11	44	1330	79.96	138.95
Hs.734125	13.60	13.05	1.04	chr3	N/A	1	304	0.00	62.11
ALPI	15.20	14.58	1.04	chr2	2q37.1	33	965	142.27	234.63
ZC3H12B	37.59	36.07	1.04	chrX	Xq12	17	733	187.47	149.69
NFIL3	180.74	173.47	1.04	chr9	9q22	30	577	85.71	103.53
Hs.58834	11.99	11.51	1.04	chr19	N/A	2	619	105.46	88.00
FAT3	36.27	34.82	1.04	chr11	11q14.3	37	1147	260.57	161.43
Hs.565741	11.35	10.90	1.04	chr21	N/A	10	73	84.21	77.94
Hs.735462	15.15	14.54	1.04	chr9	N/A	3	912	137.90	90.88
PEL13	70.11	67.31	1.04	chr11	11q13.2	27	773	119.31	115.75
FUCA2	135.04	129.65	1.04	chr6	6q24	22	396	102.35	50.05
GAS2L2	33.93	32.58	1.04	chr17	17q12	31	485	198.42	79.33
NTSC1A	55.24	53.05	1.04	chr1	1p34.3-p33	19	384	221.40	87.84
PCDHB2	21.69	20.83	1.04	chr5	5q31	37	440	125.13	88.17
CEP72	28.15	27.04	1.04	chr5	5p15.33	21	460	60.86	53.53
HPCA	26.45	25.40	1.04	chr1	1p35-p34.2	37	638	214.70	149.78
AIP	157.11	150.89	1.04	chr11	11q13.3	45	1025	75.77	60.54
FRG1B	36.10	34.67	1.04	chr20	20q11.21	4	636	50.94	90.17
GLI3	75.74	72.75	1.04	chr7	7p13	37	1236	380.16	96.74
FAHD1	90.95	87.37	1.04	chr16	16p13.3	34	721	77.79	81.39
Hs.127925	11.85	11.38	1.04	chr18	N/A	5	22	90.57	67.04
TSPAN32	52.89	50.81	1.04	chr11	11p15.5	48	865	130.56	99.99
Hs.584947	19.34	18.59	1.04	chr1	N/A	5	51	29.10	83.83
HMBS	131.93	126.77	1.04	chr11	11q23.3	62	750	63.18	140.19
Hs.732050	38.80	37.29	1.04	chr17	N/A	7	73	158.15	91.47
Hs.657007	15.09	14.50	1.04	chr4	N/A	9	681	68.77	65.28
Hs.614113	40.02	38.46	1.04	chr11	N/A	1	304	0.00	46.40
Hs.173134	24.10	23.16	1.04	chr9	N/A	21	417	80.35	152.88
PPEF2	8.88	8.54	1.04	chr4	4q21.1	35	604	99.04	138.08
INMT	62.20	59.79	1.04	chr7	7p14.3	17	342	172.57	116.03
XBP1	365.43	351.27	1.04	chr22	22q12	58	1072	108.91	137.50
LPCAT4	60.58	58.23	1.04	chr15	15q14	44	1668	151.90	87.76
GPR45	18.10	17.40	1.04	chr2	2q11.1-q12	23	503	67.84	161.86
Hs.701152	30.23	29.06	1.04	chr21	N/A	1	304	0.00	44.80
Hs.736246	38.63	37.14	1.04	chr1	N/A	1	304	0.00	74.56
LOC100506014	24.69	23.74	1.04	chr2	N/A	11	443	80.14	62.23
UBE2R2	255.46	245.68	1.04	chr9	9p13.3	52	1060	107.70	118.18
SNX13	62.68	60.28	1.04	chr7	7p21.1	76	2324	131.32	95.46
Hs.147073	9.29	8.93	1.04	chr1	N/A	3	66	44.48	87.02
Hs.608614	27.25	26.21	1.04	chr17	N/A	1	304	0.00	72.75
PFDN1	148.11	142.47	1.04	chr5	5q31	41	582	82.43	67.33
LOC100128818	4.59	4.41	1.04	chr22	22q13.31	10	28	21.41	34.08
SRP14	1,564.61	1,505.27	1.04	chr15	15q22	33	608	44.21	63.87
OR56B4	19.24	18.51	1.04	chr11	11p15.4	8	52	47.67	81.34
Hs.713429	94.28	90.72	1.04	chr11	N/A	7	73	131.78	79.72
MOAP1	195.60	188.21	1.04	chr14	14q32	30	577	91.01	93.78
NMT1	98.77	95.05	1.04	chr17	17q21.31	66	1638	85.68	95.00
EXD3	33.99	32.71	1.04	chr9	9q34.3	32	1104	87.43	79.17
MKRN3	17.62	16.96	1.04	chr15	15q11-q13	30	567	138.42	68.20
CCDC80	182.79	175.97	1.04	chr3	3q13.2	57	1303	192.08	202.97
LINC00588	11.76	11.32	1.04	chr8	8q12.1	27	560	91.31	101.41

CDY1	15.87	15.28	1.04	chrY	Yq11.23	21	884	72.07	95.60
ZKSCAN3	33.37	32.13	1.04	chr6	6p22.1	33	1479	123.20	83.05
CHURC1	185.69	178.84	1.04	chr14	14q23.3	40	1157	82.84	52.10
ISLR2	44.88	43.23	1.04	chr15	15q24.1	28	512	176.94	153.51
HKR1	33.28	32.06	1.04	chr19	19q13.12	33	1084	92.67	129.27
VGLL1	14.73	14.19	1.04	chrX	Xq26.3	40	1401	109.98	97.56
MACC1-AS1	11.32	10.91	1.04	chr7	N/A	2	22	27.39	45.81
GLCE	52.98	51.05	1.04	chr15	15q23	30	566	127.91	159.64
LOC100131131	6.22	5.99	1.04	chr2	2q12.1	10	28	29.95	32.45
Hs.541166	10.08	9.71	1.04	chr18	N/A	10	73	132.04	91.98
OR7C2	21.49	20.71	1.04	chr19	19p13.1	21	465	68.11	112.61
SCPEP1	149.17	143.76	1.04	chr17	17q22	34	893	95.87	146.88
FAM159A	15.52	14.95	1.04	chr1	1p32.3	21	638	140.05	85.45
PCLO	34.14	32.90	1.04	chr7	7q11.23-q21.3	63	1586	397.82	143.22
LOC100505532	8.48	8.17	1.04	chr8	N/A	3	66	53.67	66.98
HOGA1	43.62	42.06	1.04	chr10	10q24.2	24	416	113.05	156.26
IRX6	28.06	27.06	1.04	chr16	16q12.2	57	303	183.54	171.57
PCMT1	235.36	227.04	1.04	chr6	6q24-q25	64	1551	164.56	85.80
Hs.202349	18.55	17.89	1.04	chr16	N/A	1	304	0.00	46.98
AMER3	19.45	18.76	1.04	chr2	2q21.1	31	1033	75.45	77.57
Hs.603275	16.30	15.73	1.04	chr12	N/A	10	28	172.88	65.79
RASSF1	67.78	65.40	1.04	chr3	3p21.3	50	909	87.14	131.67
LINC00189	7.35	7.09	1.04	chr21	21q22.11	12	637	68.04	80.13
Hs.672957	55.50	53.55	1.04	chr22	N/A	1	304	0.00	35.13
Hs.744376	7.16	6.91	1.04	chr8	N/A	7	73	45.97	85.17
NXT1	92.72	89.48	1.04	chr20	20p12-p11.2	21	475	99.95	47.34
NLGN1	17.91	17.28	1.04	chr3	3q26.31	46	764	88.16	95.79
CCL13	31.75	30.64	1.04	chr17	17q11.2	45	1022	105.06	102.33
Hs.540082	6.80	6.56	1.04	chr14	N/A	5	22	59.13	91.90
LOC100506944	16.02	15.46	1.04	chr3	N/A	5	22	24.10	64.04
DDX53	7.65	7.38	1.04	chrX	Xp22.11	19	384	109.44	123.47
TBC1D28	9.64	9.31	1.04	chr17	17p11.2	15	328	81.00	117.99
LOC100287813	7.90	7.63	1.04	chr1	1q24.2	11	332	48.24	60.53
NINJ2	55.16	53.27	1.04	chr12	12p13	28	568	122.22	92.32
Hs.188594	52.98	51.17	1.04	chr9	N/A	1	304	0.00	54.25
ADAMTSL5	31.45	30.38	1.04	chr19	19p13.3	51	534	92.24	71.24
LRP5L	34.29	33.13	1.04	chr22	22q11.23	21	459	100.44	65.25
Hs.664225	15.58	15.05	1.04	chr5	N/A	14	146	142.42	94.51
PIGB	81.25	78.50	1.04	chr15	15q21.3	37	660	128.44	92.03
ZNF684	11.29	10.90	1.03	chr1	1p34.2	23	692	65.85	81.67
FES	41.36	39.96	1.03	chr15	15q26.1	28	550	89.52	116.46
CHD6	43.04	41.59	1.03	chr20	20q12	55	1581	121.50	90.23
Hs.176376	43.58	42.11	1.03	chr4	N/A	11	377	86.52	97.54
POLE3	131.70	127.27	1.03	chr9	9q33	23	502	123.76	54.99
WWP1	204.48	197.61	1.03	chr8	8q21	59	1216	150.72	133.98
UCK2	66.52	64.30	1.03	chr1	1q23	37	650	133.50	73.59
RAB9B	50.71	49.01	1.03	chrX	Xq22.1-q22.3	48	542	114.01	96.89
LRRC40	84.70	81.87	1.03	chr1	1p31.1	40	1257	306.99	93.60
TLX1	14.90	14.41	1.03	chr10	10q24	30	577	107.27	143.82
TRIM23	33.80	32.67	1.03	chr5	5q12.3	57	1433	159.17	98.33
ZNF471	15.37	14.86	1.03	chr19	19q13.43	49	584	61.19	98.08
Hs.574010	10.50	10.15	1.03	chr12	N/A	3	66	53.75	95.09
BDH1	59.98	58.00	1.03	chr3	3q29	51	1022	92.10	127.82
CYHR1	63.13	61.05	1.03	chr8	8q24.3	66	1355	107.29	101.96
Hs.435957	49.76	48.13	1.03	chr17	N/A	1	304	0.00	82.30
FAM53B	63.76	61.67	1.03	chr10	10q26.13	47	1261	85.65	109.59
Hs.661738	17.33	16.76	1.03	chr2	N/A	8	377	92.25	164.46
Hs.624078	29.61	28.64	1.03	chr17	N/A	1	304	0.00	86.05
Hs.661802	26.24	25.39	1.03	chr6	N/A	21	360	65.88	46.71
COA5	98.50	95.29	1.03	chr2	2q11.2	27	773	62.76	52.25
Hs.574973	6.65	6.44	1.03	chr3	N/A	5	22	42.36	43.88
WDR25	24.74	23.94	1.03	chr14	14q32.2	38	560	86.27	79.71
HCG23	20.88	20.21	1.03	chr6	6p21	2	16	79.89	58.85
Hs.677239	41.75	40.39	1.03	chr6	N/A	1	304	0.00	35.96
RAPGEF3	39.84	38.56	1.03	chr12	12q13.1	59	1206	111.83	100.87
BPIFB4	17.64	17.08	1.03	chr20	20q11.21	24	405	219.66	58.73
Hs.667532	8.47	8.20	1.03	chr17	N/A	3	66	18.15	68.21
Hs.655733	18.27	17.68	1.03	chr21	N/A	8	377	92.58	83.43
LINC00674	96.79	93.69	1.03	chr17	17q24.2	33	1152	139.97	117.73
Hs.552939	16.74	16.20	1.03	chr14	N/A	7	73	110.06	102.12
HSPA13	65.51	63.43	1.03	chr21	21q11	51	1116	186.99	109.80
HTR1D	29.58	28.63	1.03	chr1	1p36.3-p34.3	30	577	130.98	204.27
RAD23A	256.88	248.71	1.03	chr19	19p13.2	35	1014	98.81	99.92
ZNF362	103.64	100.34	1.03	chr1	1p35.1	33	1096	77.96	286.02
Hs.50319	22.41	21.70	1.03	chr9	N/A	8	377	204.05	140.59
LOC100505985	12.68	12.28	1.03	chr6	N/A	4	304	30.26	109.98
Hs.444293	53.87	52.16	1.03	chr3	N/A	1	304	0.00	53.48
ALG1	41.22	39.92	1.03	chr16	16p13.3	52	790	111.14	132.55
Hs.667099	12.42	12.02	1.03	chr5	N/A	7	73	132.42	119.47
ADIPOR1	206.17	199.66	1.03	chr1	1q32.1	31	533	85.32	58.89
ATOH7	9.38	9.09	1.03	chr10	10q21.3-q22.1	33	723	42.53	74.61
BTN1A1	22.19	21.49	1.03	chr6	6p22.1	28	543	81.69	80.83
Hs.679453	20.89	20.23	1.03	chr6	N/A	1	312	0.00	43.89
AP3S2	101.88	98.68	1.03	chr15	15q26.1	84	1680	125.99	82.26
ACTR1A	156.44	151.53	1.03	chr10	10q24.32	67	1207	106.61	75.29
Hs.148647	9.10	8.81	1.03	chr4	N/A	10	73	95.43	69.57
ASPG	27.78	26.91	1.03	chr14	14q32.33	11	697	125.41	166.00
PIP5K1A	86.70	84.00	1.03	chr1	1q21.3	79	1624	188.57	128.93
NLRP4	11.67	11.31	1.03	chr19	19q13.43	23	458	67.51	89.47
TMEM207	19.11	18.52	1.03	chr3	3q28	16	429	126.88	90.97
Hs.622770	6.38	6.18	1.03	chr1	N/A	1	304	0.00	71.54
C8orf58	39.06	37.85	1.03	chr8	8p21	14	332	68.48	61.67
MGAT1	136.35	132.13	1.03	chr5	5q35	44	722	100.71	68.69

TEX101	63.12	61.16	1.03	chr19	19q13.31	21	408	272.83	304.39
SIRPA	68.08	65.97	1.03	chr20	20p13	85	2035	140.01	100.67
Hs.566753	14.18	13.74	1.03	chr7	N/A	1	304	0.00	56.86
ATIC	155.07	150.28	1.03	chr2	2q35	23	504	105.10	39.04
LOC285501	8.84	8.57	1.03	chr4	4q34.3	1	305	0.00	78.03
Hs.127109	10.36	10.05	1.03	chr17	N/A	2	22	58.01	54.63
IGF2BP1	23.35	22.64	1.03	chr17	17q21.32	145	1388	423.95	158.68
MAP3K7	81.41	78.92	1.03	chr6	6q15	62	1983	83.08	55.63
DAD1	416.20	403.51	1.03	chr14	14q11.2	50	633	75.48	68.28
PLK2	163.61	158.63	1.03	chr5	5q12.1-q13.2	30	573	96.31	108.97
ABCD1	37.86	36.71	1.03	chrX	Xq28	35	997	110.58	128.03
EIF3I	348.18	337.60	1.03	chr1	1p34.1	32	616	77.42	68.61
TUBG1	109.68	106.36	1.03	chr17	17q21	42	577	111.61	155.94
GABRA4	26.68	25.88	1.03	chr4	4p12	32	790	111.80	92.95
Hs.743747	20.08	19.48	1.03	chr4	N/A	2	16	67.21	20.20
Hs.662368	13.59	13.18	1.03	chr10	N/A	3	66	73.25	110.73
Hs.707507	187.92	182.27	1.03	chr1	N/A	7	73	69.38	53.20
TGFB1	409.20	396.89	1.03	chr5	5q31	30	577	145.89	104.69
Hs.152812	10.22	9.92	1.03	chr2	N/A	8	377	70.07	68.03
UPK3B	45.77	44.40	1.03	chr7	7q11.2	37	564	127.19	223.98
Hs.649336	6.95	6.75	1.03	chr3	N/A	3	66	41.51	73.30
CHCHD6	60.07	58.29	1.03	chr3	3q21.3	28	521	113.05	133.97
BCM01	15.87	15.40	1.03	chr16	16q23.2	21	455	76.43	75.76
ADAMTSL1	21.31	20.68	1.03	chr9	9p21.3	100	2112	136.05	128.93
Hs.658625	18.08	17.55	1.03	chr20	N/A	1	304	0.00	53.83
GALNT18	68.06	66.07	1.03	chr11	11p15.3	34	825	102.64	107.84
ZNF383	19.95	19.37	1.03	chr19	19q13.12	19	396	64.57	66.47
Hs.659653	23.26	22.58	1.03	chr1	N/A	2	22	34.00	60.08
MYL9	651.22	632.30	1.03	chr20	20q11.23	38	583	120.62	146.45
MSH1	16.22	15.75	1.03	chr12	12q24	32	604	76.25	98.97
FOXE3	20.53	19.94	1.03	chr1	1p32	31	526	93.90	83.57
PGPEP1L	28.46	27.64	1.03	chr15	15q26.3	10	28	37.18	83.40
Hs.561704	5.37	5.21	1.03	chr7	N/A	4	304	72.56	82.72
DLG4	46.02	44.69	1.03	chr17	17p13.1	59	1163	161.23	170.65
Hs.648496	39.68	38.54	1.03	chrX	N/A	8	377	69.07	84.17
MESP1	55.09	53.51	1.03	chr15	15q26.1	38	1103	54.64	103.09
SLC35A2	51.46	49.99	1.03	chrX	Xp11.23-p11.2	61	1492	153.73	72.02
SARNP	126.00	122.41	1.03	chr12	12q13.2	48	936	106.20	95.45
PPP1R3G	36.93	35.88	1.03	chr6	6p25.1	4	104	21.08	54.98
TUBB4A	96.79	94.04	1.03	chr19	19p13.3	36	544	268.01	243.48
Hs.118183	11.25	10.93	1.03	chr2	N/A	7	73	108.64	86.81
MCF2L	74.87	72.75	1.03	chr13	13q34	98	2886	273.61	143.62
Hs.598011	151.65	147.37	1.03	chr15	N/A	7	73	152.62	46.24
TTY9A	5.29	5.14	1.03	chrY	Yq11.222	23	56	114.79	49.58
CFLAR	141.84	137.86	1.03	chr2	2q33-q34	110	5645	115.82	90.74
PYCR2	179.66	174.63	1.03	chr1	1q42.12	37	801	101.82	193.21
Hs.604228	9.54	9.28	1.03	chr21	N/A	2	22	17.55	55.39
Hs.560928	9.47	9.20	1.03	chr2	N/A	1	304	0.00	54.42
Hs.540206	7.84	7.62	1.03	chr15	N/A	1	304	0.00	92.03
TGS1	61.61	59.90	1.03	chr8	8q11	39	1266	177.67	74.72
TNFRSF4	23.03	22.39	1.03	chr1	1p36	38	1002	171.58	207.80
Hs.308183	9.08	8.83	1.03	chr6	N/A	3	66	38.21	67.82
MGC13053	9.76	9.49	1.03	chr11	11q23.3	28	482	36.97	108.00
ZNF529	46.06	44.80	1.03	chr19	19q13.13	43	1359	118.04	88.00
Hs.589563	21.49	20.91	1.03	chr18	N/A	1	304	0.00	38.49
Hs.601140	16.96	16.50	1.03	chrX	N/A	7	73	85.95	78.47
NTNG2	26.77	26.04	1.03	chr9	9q34	19	384	82.20	104.76
Hs.128586	8.42	8.19	1.03	chr7	N/A	5	51	58.95	74.24
TXNDC9	89.51	87.08	1.03	chr2	2q11.2	70	1491	123.72	81.15
LOC145694	32.80	31.92	1.03	chr15	15q22.31	13	354	56.12	109.24
DRD1	9.13	8.88	1.03	chr5	5q35.1	23	495	60.29	72.74
SRSF2	488.65	475.52	1.03	chr17	17q25.1	52	1486	133.75	115.89
Hs.664733	16.26	15.83	1.03	chr6	N/A	3	66	86.24	92.51
Hs.675474	7.11	6.92	1.03	chr4	N/A	1	304	0.00	85.02
Hs.648498	7.13	6.94	1.03	chr1	N/A	7	459	60.83	83.65
TMEM237	47.31	46.05	1.03	chr2	2q33.2	42	820	106.09	72.85
GAA	159.87	155.61	1.03	chr17	17q25.2-q25.3	33	577	60.03	62.75
Hs.673507	15.03	14.63	1.03	chr6	N/A	1	304	0.00	53.32
Hs.602371	11.38	11.08	1.03	chr9	N/A	7	73	83.22	92.03
LOC100507513	18.84	18.34	1.03	chr14	N/A	6	326	55.53	99.90
Hs.667533	8.77	8.54	1.03	chr7	N/A	3	66	34.81	80.06
Hs.539917	12.45	12.12	1.03	chr14	N/A	10	73	107.19	138.30
GPR6	28.50	27.75	1.03	chr6	6q21	24	808	129.72	84.47
GADD45A	277.42	270.15	1.03	chr1	1p31.2	33	577	82.02	149.17
IL33	67.25	65.49	1.03	chr9	9p24.1	33	575	125.58	179.79
EIF4EBP2	128.15	124.79	1.03	chr10	10q21-q22	81	1835	134.32	81.01
Hs.649294	9.51	9.26	1.03	chr7	N/A	7	73	74.24	71.45
UBE3B	51.62	50.28	1.03	chr12	12q24.11	71	2632	205.26	100.65
Hs.593575	76.51	74.51	1.03	chr6	N/A	18	405	144.81	50.85
Hs.656939	10.33	10.06	1.03	chr18	N/A	8	377	91.00	102.83
SLC15A2	57.09	55.62	1.03	chr3	3q13.33	57	1533	299.50	237.94
Hs.541299	13.81	13.46	1.03	chr19	N/A	7	73	77.37	58.81
Hs.598812	8.33	8.12	1.03	chr5	N/A	1	304	0.00	77.92
SERPINH1	153.63	149.70	1.03	chr11	11q13.5	40	682	233.77	128.97
TFAM	56.27	54.83	1.03	chr10	10q21	58	1826	136.75	108.60
STX12	176.60	172.10	1.03	chr1	1p35.3	37	645	285.14	121.12
ZNF652	187.10	182.33	1.03	chr17	17q21.32	86	1902	312.87	338.72
TJP2	70.62	68.83	1.03	chr9	9q13-q21	67	2033	121.26	156.85
ZNF583	21.16	20.62	1.03	chr19	19q13.43	15	647	24.85	61.89
DCST1	13.17	12.84	1.03	chr1	1q22	17	344	50.22	83.73
MANF	288.88	281.58	1.03	chr3	3p21.1	30	577	87.91	91.94
Hs.659286	7.15	6.97	1.03	chr4	N/A	3	66	82.94	92.17
COX20	146.55	142.86	1.03	chr1	1q44	60	1059	95.88	71.10

Hs.661697	8.69	8.48	1.03	chr3	N/A	18	405	51.70	81.24
Hs.732369	9.15	8.92	1.03	chr1	N/A	22	523	83.52	85.73
MAB21L3	21.98	21.43	1.03	chr1	1p13.1	29	413	96.02	143.28
Hs.660190	24.71	24.10	1.03	chr9	N/A	2	22	3.13	51.19
Hs.212055	12.04	11.74	1.03	chr20	N/A	10	73	66.74	87.35
Hs.676183	64.35	62.76	1.03	chr12	N/A	1	304	0.00	49.31
CNIH4	106.91	104.28	1.03	chr1	1q42.11	57	2227	110.72	103.71
CDC23	64.98	63.38	1.03	chr5	5q31	55	1055	125.07	84.50
CEP63	37.49	36.57	1.03	chr3	3q22.2	56	1351	72.43	76.15
ZBTB46	31.72	30.94	1.03	chr20	20q13.33	43	1114	110.29	69.21
Hs.717351	48.93	47.73	1.03	chr2	N/A	2	16	70.66	36.78
Hs.662839	35.70	34.83	1.03	chr15	N/A	1	304	0.00	37.50
Hs.666706	13.74	13.41	1.03	chr19	N/A	7	73	75.05	96.27
MYL5	44.62	43.53	1.03	chr4	4p16.3	36	974	58.89	63.97
CYP7A1	12.09	11.79	1.03	chr8	8q11-q12	23	492	72.22	350.92
Hs.542014	13.26	12.94	1.02	chr2	N/A	5	608	85.38	107.68
ST8SIA3	22.17	21.63	1.02	chr18	18q21.31	54	1372	106.02	179.22
PRKAB2	102.50	100.02	1.02	chr1	1q21.1	76	1484	151.41	262.37
RHOT1	123.58	120.60	1.02	chr17	17q11.2	53	1320	222.73	190.88
DOCK6	43.32	42.27	1.02	chr19	19p13.2	53	2252	101.18	99.48
Hs.658896	33.24	32.44	1.02	chr5	N/A	1	304	0.00	93.94
MKI67IP	94.05	91.80	1.02	chr2	2q14.3	35	1150	178.64	89.05
Hs.666562	17.67	17.25	1.02	chr6	N/A	7	73	86.85	99.45
NAPG	80.31	78.39	1.02	chr18	18p11.22	74	1111	134.49	97.20
Hs.656818	61.16	59.71	1.02	chr2	N/A	1	304	0.00	63.63
SUPV3L1	97.81	95.51	1.02	chr10	10q22.1	30	577	55.63	71.93
LINC00544	14.90	14.55	1.02	chr13	13q12.3	4	304	61.31	64.82
KIAA1671	117.43	114.67	1.02	chr22	22q11.23	15	1038	135.51	133.88
LOC285084	12.78	12.49	1.02	chr2	2q31.1	4	304	75.59	64.95
Hs.652619	28.05	27.40	1.02	chr3	N/A	10	73	84.78	55.90
Hs.466840	10.81	10.56	1.02	chr19	N/A	4	304	47.85	59.07
Hs.668421	66.82	65.27	1.02	chr1	N/A	4	304	50.64	66.41
Hs.126521	24.86	24.28	1.02	chr20	N/A	15	450	83.73	173.99
BHLHE40	278.72	272.31	1.02	chr3	3p26	35	997	156.92	126.42
Hs.150084	12.91	12.61	1.02	chr16	N/A	7	73	97.75	106.19
CRIP1	236.93	231.50	1.02	chr14	14q32.33	28	568	109.22	136.81
PELO	86.20	84.22	1.02	chr5	5q11.2	74	2147	136.04	168.94
Hs.556087	49.70	48.57	1.02	chr3	N/A	14	146	163.30	105.08
TSPAN3	218.09	213.13	1.02	chr15	15q24.3	41	1909	76.69	144.20
ZNF781	13.55	13.24	1.02	chr19	19q13.12	38	750	163.83	77.77
SLC18A1	15.31	14.96	1.02	chr8	8p21.3	26	501	73.99	66.49
Hs.593418	174.38	170.43	1.02	chr10	N/A	5	420	122.83	78.53
SPHK2	53.53	52.32	1.02	chr19	19q13.2	47	1481	125.75	99.57
Hs.585620	27.53	26.91	1.02	chr13	N/A	1	304	0.00	53.90
Hs.7572	61.17	59.81	1.02	chr1	N/A	12	681	44.31	42.65
TMEM39B	51.31	50.17	1.02	chr1	1p35.1	21	457	68.19	41.90
NCAPH2	44.38	43.40	1.02	chr22	22q13.33	72	2240	114.79	68.14
GSTCD	29.56	28.92	1.02	chr4	4q24	51	1217	217.18	80.19
TFEB	71.71	70.15	1.02	chr6	6p21	28	908	70.42	77.75
Hs.667448	28.15	27.54	1.02	chr1	N/A	3	66	85.54	64.99
KRT8	120.05	117.44	1.02	chr12	12q13	59	1171	166.40	168.25
CTDSP2	387.39	378.99	1.02	chr12	12q14.1	50	1076	162.87	147.25
Hs.112808	11.16	10.92	1.02	chr6	N/A	7	73	106.53	83.10
PEX5	89.02	87.10	1.02	chr12	12p13.31	56	1189	137.62	115.73
LCE1C	452.06	442.34	1.02	chr1	1q21.3	13	94	85.61	342.74
PDE7A	68.73	67.26	1.02	chr8	8q13	92	2460	188.41	268.80
Hs.736404	56.01	54.82	1.02	chr18	N/A	10	28	67.77	40.15
Hs.677065	29.25	28.63	1.02	chr6	N/A	1	304	0.00	35.68
Hs.666494	21.31	20.86	1.02	chr9	N/A	8	377	86.22	61.91
DERA	148.19	145.06	1.02	chr12	12p12.3	35	606	119.93	136.11
Hs.670422	10.03	9.82	1.02	chr5	N/A	7	73	83.80	115.62
KCNN2	44.21	43.28	1.02	chr5	5q22.3	31	533	66.47	139.37
SLCO1B7	4.95	4.84	1.02	chr12	12p12.2	16	28	45.60	35.17
Hs.663010	22.49	22.03	1.02	chr12	N/A	2	608	71.63	55.93
Hs.664631	14.75	14.44	1.02	chr6	N/A	11	332	102.39	63.54
FOXN3	119.30	116.83	1.02	chr14	14q31.3	87	3265	151.07	120.83
QDPR	214.67	210.24	1.02	chr4	4p15.31	34	893	99.73	202.75
Hs.112679	11.41	11.18	1.02	chr7	N/A	10	73	89.53	66.64
Hs.695057	108.17	105.96	1.02	chr3	N/A	15	87	99.79	307.16
LZIC	54.90	53.78	1.02	chr1	1p36.22	31	780	78.28	65.85
Hs.646603	16.61	16.27	1.02	chr13	N/A	9	681	76.63	75.01
KRTAP4-8	36.41	35.67	1.02	chr17	17q21.2	12	328	40.05	110.27
Hs.666332	8.87	8.69	1.02	chr8	N/A	14	146	89.12	74.73
LOC340074	20.19	19.78	1.02	chr5	5q31.1	1	304	0.00	55.39
KCNJ9	23.45	22.98	1.02	chr1	1q23.2	23	504	131.45	72.80
Hs.124331	8.35	8.18	1.02	chr4	N/A	17	146	64.49	134.91
KIF23	16.55	16.22	1.02	chr15	15q23	41	948	106.48	158.80
Hs.53565	33.31	32.65	1.02	chr1	N/A	8	377	116.50	74.08
Hs.656656	42.89	42.04	1.02	chr3	N/A	2	608	79.25	75.46
SCAMP3	150.62	147.63	1.02	chr1	1q21	38	628	104.48	44.98
Hs.638374	15.30	15.00	1.02	chr4	N/A	1	304	0.00	59.46
ITGA11	38.27	37.51	1.02	chr15	15q23	23	689	87.47	78.32
IGFBP2	236.69	232.01	1.02	chr2	2q33-q34	32	616	86.13	130.05
IRAK3	31.21	30.60	1.02	chr12	12q14.3	56	1398	130.67	133.33
DARS	308.61	302.52	1.02	chr2	2q21.3	45	1025	121.99	95.03
HERC6	47.76	46.82	1.02	chr4	4q22.1	43	964	103.45	148.85
PRRG3	24.76	24.27	1.02	chrX	Xq28	21	457	54.95	70.15
ZADH2	49.12	48.16	1.02	chr18	18q22.3	63	2238	91.05	82.00
PTGER4	62.08	60.87	1.02	chr5	5p13.1	61	1202	132.96	135.25
TRIP6	104.18	102.13	1.02	chr7	7q22	50	1091	77.99	103.26
NRXN1	31.66	31.04	1.02	chr2	2p16.3	99	2716	394.19	200.79
EV15	36.21	35.50	1.02	chr1	1p22.1	74	1607	130.42	101.00
MCM3	161.36	158.23	1.02	chr6	6p12	46	642	104.53	102.12

SEC61G	364.57	357.49	1.02	chr7	7p11.2	33	577	84.23	55.88
PDLIM7	54.17	53.12	1.02	chr5	5q35.3	73	2925	166.93	134.09
Hs.602267	37.15	36.43	1.02	chr9	N/A	1	304	0.00	65.52
Hs.666196	13.26	13.00	1.02	chr7	N/A	5	51	135.05	80.26
ALDH5A1	60.18	59.02	1.02	chr6	6p22	72	1198	128.44	124.93
SMS	151.62	148.73	1.02	chrX	Xp22.1	43	605	104.44	92.49
Hs.663078	21.01	20.61	1.02	chr1	N/A	3	66	44.08	56.31
Hs.660283	8.82	8.66	1.02	chr13	N/A	7	73	97.82	104.51
SCAPER	46.64	45.77	1.02	chr15	15q24	56	1282	93.53	80.17
XRCC1	82.11	80.56	1.02	chr19	19q13.2	28	538	79.54	96.02
RXRB	76.69	75.25	1.02	chr6	6p21.3	42	1456	87.88	108.92
Hs.591632	10.75	10.55	1.02	chr2	N/A	14	146	112.69	131.57
SCN2B	67.58	66.31	1.02	chr11	11q23	53	1394	130.63	468.56
ATP2C1	83.41	81.85	1.02	chr3	3q22.1	85	2039	179.03	115.50
KIF14	17.80	17.47	1.02	chr1	1q32.1	28	865	107.96	138.52
Hs.586911	48.19	47.30	1.02	chr16	N/A	1	304	0.00	37.14
C5orf38	15.42	15.13	1.02	chr5	5p15.33	18	92	100.58	48.60
JARID2-AS1	34.89	34.25	1.02	chr6	N/A	16	354	64.83	239.17
Hs.128031	14.75	14.48	1.02	chr16	N/A	5	22	66.96	60.25
Hs.659821	9.60	9.42	1.02	chr2	N/A	2	22	58.79	74.36
ETAA1	24.58	24.13	1.02	chr2	2p14	28	538	73.51	80.65
CLEC4G	54.63	53.65	1.02	chr19	19p13.2	19	396	57.63	282.83
TMEM38A	72.67	71.36	1.02	chr19	19p13.11	33	141	40.15	121.42
Hs.663015	46.20	45.37	1.02	chr11	N/A	1	304	0.00	46.07
OR1A2	11.60	11.39	1.02	chr17	17p13.3	21	453	70.62	83.45
Hs.603865	18.27	17.94	1.02	chr10	N/A	7	73	62.55	57.60
Hs.154513	23.72	23.30	1.02	chr19	N/A	5	22	56.15	74.84
Hs.662241	14.81	14.55	1.02	chr13	N/A	7	73	118.25	92.87
ZSCAN9	38.32	37.65	1.02	chr6	6p21.3	31	880	100.78	79.72
DKFZP434F142	21.02	20.65	1.02	chr7	7q11.21	2	63	26.26	54.90
ARHGAP10	58.00	56.99	1.02	chr4	4q31.23	47	791	111.25	73.03
MYH4	11.35	11.15	1.02	chr17	17p13.1	20	449	88.19	292.07
IGSF3	48.13	47.31	1.02	chr1	1p13	44	1483	124.86	99.66
LOC100506661	22.04	21.67	1.02	chrX	N/A	8	377	55.48	68.71
ZNF221	12.72	12.51	1.02	chr19	19q13.2	22	766	174.72	73.20
Hs.602505	13.12	12.90	1.02	chr2	N/A	7	73	70.42	59.94
ZNF749	7.18	7.06	1.02	chr19	19q13.43	8	420	178.38	74.05
Hs.677049	94.24	92.67	1.02	chr4	N/A	1	304	0.00	41.78
Hs.665895	29.82	29.32	1.02	chr3	N/A	8	377	110.98	57.98
TRPC1	50.13	49.30	1.02	chr3	3q23	57	1540	134.94	152.85
Hs.602488	14.17	13.93	1.02	chr16	N/A	1	304	0.00	38.83
Hs.610726	21.62	21.26	1.02	chr12	N/A	4	304	74.45	44.61
ZXDA	20.21	19.88	1.02	chrX	Xp11.1	43	1227	109.82	73.17
Hs.499125	8.87	8.72	1.02	chr16	N/A	10	28	160.34	65.38
SLC10A5	4.64	4.56	1.02	chr8	8q21.13	6	2	47.69	1.27
MYLK4	30.26	29.76	1.02	chr6	6p25.2	15	1037	180.85	187.52
Hs.572539	30.33	29.83	1.02	chr19	N/A	1	304	0.00	40.55
OR10T2	14.81	14.57	1.02	chr1	1q23.1	16	28	75.66	72.37
Hs.385587	5.42	5.33	1.02	chr13	N/A	1	304	0.00	77.34
ZNRF3-AS1	6.92	6.80	1.02	chr22	N/A	10	28	44.38	95.09
Hs.145535	10.77	10.59	1.02	chr13	N/A	10	73	85.70	130.70
LOC642776	11.49	11.31	1.02	chrX	Xq23	4	304	64.33	56.70
ARMC8	39.27	38.65	1.02	chr3	3q22.3	104	2616	162.05	105.02
RASSF3	143.39	141.11	1.02	chr12	12q14.2	46	1116	146.90	119.47
Hs.736250	6.91	6.80	1.02	chr8	N/A	4	304	40.83	66.93
KIAA1429	93.06	91.60	1.02	chr8	8q22.1	53	1229	168.87	151.31
Hs.671884	12.77	12.57	1.02	chr15	N/A	1	304	0.00	65.36
PSMA2	276.90	272.57	1.02	chr7	7p13	49	1160	101.39	98.36
C6orf203	80.57	79.32	1.02	chr6	6q21	34	445	71.26	53.82
Hs.602352	81.42	80.16	1.02	chr17	N/A	7	73	56.85	56.58
AGXT	97.35	95.86	1.02	chr2	2q37.3	57	1520	510.82	522.01
KMT2D	61.67	60.74	1.02	chr12	12q13.12	109	3956	145.62	144.84
Hs.656198	11.98	11.79	1.02	chr22	N/A	14	146	72.09	81.76
Hs.191591	28.18	27.75	1.02	chr9	N/A	14	339	33.59	69.93
KCNJ13	12.33	12.15	1.02	chr2	2q37	39	1055	182.11	149.72
SPINT3	13.94	13.73	1.01	chr20	20q12-q13.1	7	459	58.88	118.31
CTDSP1	232.22	228.81	1.01	chr2	2q35	39	544	73.36	49.52
IL12B	8.44	8.32	1.01	chr5	5q31.1-q33.1	23	494	106.10	77.26
DCAF8	73.92	72.84	1.01	chr1	1q22-q23	71	3402	229.81	118.24
Hs.736847	7.79	7.68	1.01	chr7	N/A	1	304	0.00	83.43
MAP3K10	58.53	57.69	1.01	chr19	19q13.2	38	590	124.02	151.16
LOC100506603	41.47	40.87	1.01	chr14	N/A	21	605	131.04	108.61
Hs.661685	14.65	14.44	1.01	chr8	N/A	7	73	90.79	78.28
Hs.533401	61.82	60.93	1.01	chr7	N/A	2	22	39.02	52.67
Hs.569462	10.63	10.47	1.01	chr15	N/A	7	73	67.03	63.21
EXD1	14.63	14.42	1.01	chr15	15q15.1	17	332	67.22	206.12
Hs.664310	12.01	11.84	1.01	chr8	N/A	8	377	92.73	66.66
STL	7.82	7.71	1.01	chr6	6q22.33	8	377	66.58	85.77
DCN	1,004.20	990.18	1.01	chr12	12q21.33	58	2477	155.84	137.36
SIM1	16.58	16.35	1.01	chr6	6q16.3-q21	27	796	64.92	124.54
TUBE1	43.43	42.82	1.01	chr6	6q21	64	1390	64.22	203.00
Hs.592057	119.20	117.56	1.01	chr16	N/A	8	377	107.72	134.60
MERTK	46.72	46.08	1.01	chr2	2q14.1	52	1528	95.37	151.60
Hs.419760	24.90	24.56	1.01	chr15	N/A	8	377	93.90	144.22
Hs.668565	26.22	25.86	1.01	chr5	N/A	7	73	113.00	61.62
MCM3AP	57.97	57.18	1.01	chr21	21q22.3	46	2250	95.24	152.29
OXSR1	151.15	149.11	1.01	chr3	3p22.2	45	678	122.33	66.98
Hs.158951	20.51	20.24	1.01	chr19	N/A	11	332	122.27	63.52
GYGI	365.66	360.78	1.01	chr3	3q24-q25.1	50	1076	103.71	133.16
CST11	22.94	22.63	1.01	chr20	20p11.21	25	711	242.33	168.54
INPP5A	132.52	130.77	1.01	chr10	10q26.3	42	865	124.57	101.34
ANKRD18A	16.93	16.71	1.01	chr9	9p13.1	33	708	73.86	55.52
GLRA3	9.73	9.60	1.01	chr4	4q34.1	62	1546	77.90	105.53

Hs.370118	44.18	43.60	1.01	chr20	N/A	7	73	37.28	44.63
DYRK4	83.38	82.29	1.01	chr12	12p13.32	30	560	82.69	73.30
LOC100131170	16.12	15.91	1.01	chr17	17q25.3	21	360	58.03	121.03
ATP2B2	30.38	29.98	1.01	chr3	3p25.3	58	2437	429.51	250.99
LOC100505735	9.33	9.21	1.01	chr20	N/A	4	304	40.19	62.57
Hs.672595	17.89	17.66	1.01	chr3	N/A	1	304	0.00	59.24
SEBOX	23.61	23.30	1.01	chr17	17q11.2	7	304	63.70	68.19
KBTBD8	22.46	22.17	1.01	chr3	3p14	23	489	103.17	89.93
SRP72	104.88	103.53	1.01	chr4	4q11	90	2616	187.88	126.07
CHMP2A	244.13	241.00	1.01	chr19	19q	34	555	64.62	50.39
Hs.595942	21.11	20.84	1.01	chr11	N/A	10	28	183.66	39.60
PPP2R5D	111.88	110.46	1.01	chr6	6p21.1	34	936	88.04	68.32
Hs.511739	73.48	72.54	1.01	chr19	N/A	1	304	0.00	26.67
Hs.729242	26.72	26.38	1.01	chr1	N/A	8	377	60.27	69.22
SPON2	208.77	206.13	1.01	chr4	4p16.3	20	465	104.85	87.08
Hs.652923	9.86	9.74	1.01	chr1	N/A	10	28	118.73	62.06
ALOX15	16.37	16.17	1.01	chr17	17p13.3	42	526	92.87	143.66
YBX1	588.95	581.62	1.01	chr1	1p34	67	1075	87.60	154.40
Hs.633838	36.35	35.91	1.01	chr12	N/A	10	73	230.91	47.23
Hs.545546	9.36	9.25	1.01	chr8	N/A	5	22	24.58	74.33
VCP	238.59	235.70	1.01	chr9	9p13.3	71	1093	119.12	59.43
ZNF704	52.93	52.29	1.01	chr8	8q21.13	82	2282	262.37	146.66
Hs.568048	10.13	10.01	1.01	chr10	N/A	1	317	0.00	79.08
AMELX	21.03	20.78	1.01	chrX	Xp22.31-p22.1	25	542	89.67	89.63
Hs.229304	31.75	31.37	1.01	chr2	N/A	10	73	85.18	53.37
TNKS	44.25	43.73	1.01	chr8	8p23.1	100	2201	340.51	130.59
SARS2	48.11	47.54	1.01	chr19	19q13.2	28	523	100.85	51.73
RPL8	2,085.75	2,061.19	1.01	chr8	8q24.3	26	504	66.76	44.51
Hs.665118	116.41	115.04	1.01	chr11	N/A	1	304	0.00	98.46
Hs.662666	11.82	11.68	1.01	chr9	N/A	7	73	84.45	105.67
HUS1B	16.04	15.86	1.01	chr6	6p25.3	30	716	77.97	63.12
FAM26D	10.70	10.58	1.01	chr6	6q22.1	12	320	86.09	69.46
Hs.290831	31.18	30.82	1.01	chr1	N/A	10	73	96.53	82.89
LRRRC63	6.45	6.37	1.01	chr13	13q14.13	11	333	118.72	89.19
PHC2	143.76	142.11	1.01	chr1	1p34.3	59	989	120.21	118.01
Hs.434502	14.45	14.29	1.01	chr10	N/A	6	355	60.83	84.61
ZNRF2	31.17	30.82	1.01	chr7	7p14.3	41	919	107.04	122.30
Hs.560881	8.58	8.48	1.01	chr2	N/A	17	146	105.04	128.64
Hs.675747	7.63	7.54	1.01	chr7	N/A	1	304	0.00	66.34
Hs.736259	29.48	29.15	1.01	chr20	N/A	5	420	61.97	61.68
NOVA2	28.71	28.39	1.01	chr19	19q13.3	35	989	111.27	106.79
MT3	372.45	368.33	1.01	chr16	16q13	42	637	148.41	274.43
MRPL4	66.87	66.12	1.01	chr19	19p13.2	43	1214	82.04	73.76
Hs.269180	15.33	15.16	1.01	chr9	N/A	7	73	117.71	114.42
Hs.352679	14.35	14.19	1.01	chr6	N/A	11	151	71.78	105.92
SLC25A28	144.01	142.43	1.01	chr10	10q24.2	32	792	82.16	50.77
CSRN2P	65.14	64.43	1.01	chr12	12q13.11-q13.1	29	859	89.47	60.73
Hs.616897	31.73	31.39	1.01	chr3	N/A	1	304	0.00	45.41
Hs.660763	27.43	27.13	1.01	chr10	N/A	8	377	61.18	73.78
C17orf47	15.05	14.88	1.01	chr17	17q22	16	333	68.85	61.35
Hs.666299	11.86	11.73	1.01	chr4	N/A	7	73	131.86	135.38
Hs.553147	20.05	19.83	1.01	chr8	N/A	4	304	53.77	83.15
S100A13	353.07	349.29	1.01	chr1	1q21	42	577	85.43	70.42
AGTR1	65.21	64.52	1.01	chr3	3q24	58	1074	247.65	139.86
Hs.540032	10.50	10.38	1.01	chr14	N/A	4	304	69.63	88.95
AFG3L2	227.09	224.69	1.01	chr18	18p11	34	836	126.16	76.57
SNRPF	232.60	230.17	1.01	chr12	12q23.1	46	617	69.19	59.55
PCGF2	66.73	66.04	1.01	chr17	17q12	38	1335	118.61	87.05
LACE1	19.24	19.04	1.01	chr6	6q22.1	24	808	65.77	122.32
THAP1	43.75	43.30	1.01	chr8	8p11.21	41	618	62.87	122.17
LHX1	14.85	14.70	1.01	chr17	17q12	32	607	63.02	117.30
GLUD2	64.60	63.95	1.01	chrX	Xq24-q25	28	948	58.92	108.48
Hs.264606	20.85	20.64	1.01	chr8	N/A	21	405	176.06	138.37
SCYL2	81.77	80.96	1.01	chr12	12q23.1	49	1323	217.87	77.95
Hs.667126	21.66	21.44	1.01	chr7	N/A	3	66	79.53	67.64
INTS12	67.61	66.95	1.01	chr4	4q24	28	533	80.40	53.32
FCAR	17.09	16.93	1.01	chr19	19q13.42	62	2207	210.22	194.04
USP8	93.93	93.02	1.01	chr15	15q21.2	58	1055	146.52	98.76
COPE	134.98	133.68	1.01	chr19	19p13.11	65	1138	153.96	117.40
Hs.659955	19.67	19.48	1.01	chr4	N/A	14	146	83.91	68.59
CDC123	151.99	150.54	1.01	chr10	10p13	30	589	81.65	44.58
Hs.145560	10.34	10.25	1.01	chr5	N/A	10	73	113.89	246.14
Hs.657249	14.23	14.10	1.01	chr5	N/A	7	73	110.38	118.27
GSX1	15.60	15.45	1.01	chr13	13q12.2	15	648	51.62	79.12
Hs.661350	9.63	9.54	1.01	chr5	N/A	7	73	88.03	93.09
Hs.570663	7.84	7.77	1.01	chr3	N/A	10	73	63.63	86.55
SLC39A12	12.20	12.08	1.01	chr10	10p12.33	17	336	55.97	134.38
Hs.585805	26.61	26.37	1.01	chr17	N/A	2	22	69.85	55.49
FAM78A	56.13	55.61	1.01	chr9	9q34	35	583	96.68	99.52
Hs.659202	47.11	46.68	1.01	chr3	N/A	8	377	147.88	53.80
OPN5	46.43	46.01	1.01	chr6	6p12.3	10	661	149.41	171.23
Hs.210837	30.91	30.63	1.01	chr18	N/A	1	304	0.00	42.06
IGLJ3	101.83	100.90	1.01	chr22	22q11.2	60	3586	268.25	406.97
APEX2	62.92	62.35	1.01	chrX	Xp11.21	30	572	79.93	61.60
Hs.140415	7.05	6.99	1.01	chr8	N/A	7	73	19.78	80.46
CST3	830.98	823.50	1.01	chr20	20p11.21	24	808	88.68	119.64
C9orf171	16.52	16.38	1.01	chr9	9q34.13	10	73	96.82	111.34
Hs.647686	6.16	6.10	1.01	chr1	N/A	6	724	47.80	72.99
MYO16	26.18	25.95	1.01	chr13	13q33.3	38	996	188.28	173.53
ADCY9	54.16	53.69	1.01	chr16	16p13.3	57	1508	103.82	109.49
ERBB4	38.05	37.72	1.01	chr2	2q33.3-q34	56	1736	146.28	137.19
LOC101060148	3.48	3.45	1.01	chr11	N/A	10	28	42.34	24.79
FBXL19-AS1	19.79	19.62	1.01	chr16	16p11.2	14	332	85.80	48.00

Hs.535274	8.13	8.06	1.01	chr1	N/A	3	66	10.23	68.06
Hs.657999	27.72	27.48	1.01	chr21	N/A	3	320	67.19	80.89
OSBPL1A	148.88	147.64	1.01	chr18	18q11.1	73	1543	156.17	135.51
GHRH	22.44	22.25	1.01	chr20	20q11.2	30	575	123.18	68.88
Hs.648636	54.34	53.89	1.01	chr16	N/A	15	450	106.36	103.29
LOC100506551	13.26	13.15	1.01	chr12	N/A	3	66	72.53	73.80
Hs.669159	26.97	26.75	1.01	chr11	N/A	7	73	72.00	118.60
ZNF598	66.82	66.28	1.01	chr16	16p13.3	38	746	99.94	98.78
Hs.603232	10.80	10.71	1.01	chr5	N/A	2	22	13.55	76.30
Hs.668698	24.84	24.64	1.01	chr16	N/A	1	304	0.00	56.25
SUPT3H	116.38	115.47	1.01	chr6	6p21.1-p21.3	62	886	563.16	485.51
ABTB2	41.46	41.14	1.01	chr11	11p13	52	1113	86.58	161.48
ATOH8	71.11	70.57	1.01	chr2	2p11.2	31	1077	187.75	114.95
FAP	47.37	47.01	1.01	chr2	2q23	34	643	148.21	138.87
AREG	31.31	31.08	1.01	chr4	4q13.3	33	968	166.94	244.94
Hs.734996	4.28	4.25	1.01	chr10	N/A	10	28	42.37	39.15
Hs.745172	21.42	21.26	1.01	chrY	N/A	10	28	33.40	100.54
ST3GAL4	48.54	48.20	1.01	chr11	11q24.2	52	1098	111.57	171.73
Hs.148956	10.55	10.48	1.01	chr5	N/A	2	22	14.39	59.57
Hs.148829	9.99	9.92	1.01	chr14	N/A	5	22	59.83	63.99
MMADHC	465.59	462.33	1.01	chr2	2q23.2	31	533	89.12	55.55
SMCO4	128.22	127.33	1.01	chr11	11q21	31	545	70.40	141.18
Hs.601506	8.83	8.77	1.01	chr18	N/A	7	73	47.36	67.42
RGS8	27.11	26.93	1.01	chr1	1q25	29	814	234.40	155.78
LOC100506299	42.33	42.05	1.01	chr2	N/A	11	377	56.54	63.33
Hs.605448	25.28	25.11	1.01	chr2	N/A	1	304	0.00	61.04
C22orf46	36.47	36.23	1.01	chr22	22q13.2	36	578	156.99	173.29
BTBD1	281.77	279.92	1.01	chr15	15q24	24	477	92.41	74.07
CNGA3	7.93	7.88	1.01	chr2	2q11.2	29	494	107.43	156.98
Hs.125692	9.39	9.33	1.01	chr1	N/A	7	73	78.70	87.01
Hs.609761	6.43	6.39	1.01	chr1	N/A	1	304	0.00	64.00
MARK3	74.28	73.81	1.01	chr14	14q32.3	70	1585	107.29	76.33
GLG1	254.42	252.84	1.01	chr16	16q22.3	75	1878	384.99	75.26
OPRK1	20.05	19.93	1.01	chr8	8q11.2	49	918	83.72	80.68
C6orf15	38.03	37.80	1.01	chr6	6p21.3	21	460	177.04	124.26
PRG1	9.74	9.68	1.01	chr19	19q13.2	8	12	13.42	57.04
LOC339760	8.78	8.73	1.01	chr2	2q14.3	21	40	129.51	136.01
WDR24	27.77	27.60	1.01	chr16	16p13.3	26	469	57.13	69.69
CXorf40A	135.94	135.13	1.01	chrX	Xq28	26	925	60.55	38.55
LOC100133445	129.76	129.02	1.01	chr1	1p36	7	73	48.47	59.33
ZMYND15	33.74	33.54	1.01	chr17	17p13.2	28	510	85.64	127.53
XCL1	25.70	25.55	1.01	chr1	1q23	40	1024	161.14	134.44
IER3	413.69	411.34	1.01	chr6	6p21.3	27	577	275.71	122.92
Hs.744748	59.77	59.45	1.01	chr17	N/A	11	377	93.02	112.29
MICAL2	81.97	81.53	1.01	chr11	11p15.3	64	1927	109.09	146.80
POFUT2	49.69	49.42	1.01	chr21	21q22.3	74	1834	129.83	95.80
NAIF1	32.19	32.02	1.01	chr9	9q34.11	35	750	83.08	71.49
ZSCAN20	18.79	18.69	1.01	chr1	1p34.3	25	1101	84.19	71.79
Hs.668196	36.08	35.89	1.01	chr17	N/A	7	73	65.47	69.61
C9orf114	51.66	51.39	1.01	chr9	9q34.11	52	1085	116.17	86.69
PLA2G12B	24.27	24.15	1.01	chr10	10q22.1	27	772	122.75	130.03
Hs.608030	7.13	7.10	1.01	chr4	N/A	7	73	58.46	66.06
Hs.385526	7.82	7.79	1.01	chr5	N/A	1	304	0.00	67.45
C11orf73	110.17	109.64	1.00	chr11	11q14.2	37	814	126.02	90.11
E1F2S1	142.74	142.07	1.00	chr14	14q23.3	67	1571	196.20	108.22
Hs.536579	11.77	11.71	1.00	chr12	N/A	1	304	0.00	52.36
ARF1	283.03	281.74	1.00	chr1	1q42	91	1908	140.41	131.44
AGAP10	17.88	17.80	1.00	chr10	10q11.22	1	304	0.00	77.45
Hs.607645	80.97	80.61	1.00	chr14	N/A	1	304	0.00	35.80
PHOSPHO2	26.44	26.32	1.00	chr2	2q31.1	21	636	66.14	136.17
SNRPD2	530.11	527.85	1.00	chr19	19q13.2	33	577	137.01	56.82
LINC00543	6.79	6.76	1.00	chr13	13q12.2	12	318	88.41	67.75
Hs.675352	14.59	14.53	1.00	chr13	N/A	2	608	103.26	101.85
LOC145845	18.82	18.74	1.00	chr15	15q14	5	608	54.90	59.10
Hs.677235	14.29	14.23	1.00	chr1	N/A	6	923	86.39	97.97
SENP2	65.04	64.79	1.00	chr3	3q27.2	50	1235	87.33	57.34
ANKRD60	10.83	10.79	1.00	chr20	20q13.32	9	320	103.61	76.33
Hs.669920	68.61	68.36	1.00	chr12	N/A	1	304	0.00	48.39
IGFBP1	36.99	36.86	1.00	chr7	7p13-p12	49	962	271.62	438.30
RNASE7	14.79	14.74	1.00	chr14	14q11.2	18	995	140.30	155.84
NXNL1	36.57	36.44	1.00	chr19	19p13.11	19	396	68.31	112.17
Hs.668349	10.15	10.12	1.00	chr17	N/A	7	73	42.36	113.27
PCGF6	48.11	47.95	1.00	chr10	10q24.33	29	464	71.76	57.56
Hs.585419	30.24	30.14	1.00	chr1	N/A	11	117	58.48	117.46
Hs.667636	10.62	10.59	1.00	chr21	N/A	7	73	76.67	92.82
FAM163A	22.22	22.15	1.00	chr1	1q25.2	28	533	150.90	156.22
CCDC168	13.64	13.60	1.00	chr13	13q33.1	13	940	48.18	170.23
Hs.600099	25.36	25.29	1.00	chr9	N/A	7	73	106.32	54.51
LFNG	36.93	36.82	1.00	chr7	7p22.2	44	892	113.26	110.04
CLEC18C	25.67	25.60	1.00	chr16	16q22.1	4	104	139.35	124.18
Hs.625479	10.75	10.72	1.00	chr12	N/A	7	73	94.67	58.65
POLG	60.80	60.64	1.00	chr15	15q25	30	1332	76.06	83.73
Hs.658461	12.64	12.61	1.00	chr10	N/A	8	377	104.36	77.11
COL9A1	20.40	20.35	1.00	chr6	6q13	45	928	152.13	198.26
Hs.665288	10.03	10.01	1.00	chr10	N/A	7	73	73.12	90.21
TPD52L2	114.46	114.20	1.00	chr20	20q13.2-q13.3	40	650	167.45	64.49
Hs.148830	9.45	9.43	1.00	chr4	N/A	2	22	1.58	132.19
TGFB3	74.72	74.55	1.00	chr14	14q24	66	1161	162.09	124.69
MNAT1	55.22	55.10	1.00	chr14	14q23	49	774	172.09	239.96
Hs.666262	10.36	10.34	1.00	chr6	N/A	1	304	0.00	57.12
Hs.666086	25.25	25.20	1.00	chr12	N/A	1	304	0.00	61.82
TRMT10A	28.76	28.71	1.00	chr4	4q23	35	1143	160.81	196.47
SLITRK2	36.29	36.22	1.00	chrX	Xq27.3	51	559	343.23	170.43

Hs.667174	10.49	10.47	1.00	chr1	N/A	2	22	87.28	96.24
LGALS8	62.28	62.18	1.00	chr1	1q43	90	2806	130.05	80.99
Hs.703192	9.52	9.50	1.00	chr6	N/A	7	76	89.85	79.53
DOCK7	74.83	74.71	1.00	chr1	1p31.3	73	1120	510.29	118.53
Hs.602955	15.77	15.75	1.00	chr12	N/A	7	73	60.52	64.98
Hs.604180	8.30	8.28	1.00	chrX	N/A	2	22	66.88	76.57
GPIHBP1	75.56	75.44	1.00	chr8	8q24.3	29	408	111.75	131.74
PHB	138.49	138.31	1.00	chr17	17q21	69	1211	84.36	73.87
Hs.660098	30.95	30.91	1.00	chr9	N/A	8	377	59.39	80.66
COL18A1	163.84	163.66	1.00	chr21	21q22.3	48	1025	104.59	102.96
GPAA1	155.71	155.57	1.00	chr8	8q24.3	40	1417	103.99	41.43
LOC400965	8.95	8.94	1.00	chr2	2p11.2	4	304	61.58	94.54
ACPL2	61.07	61.02	1.00	chr3	3q23	30	755	69.90	107.11
Hs.545123	10.08	10.07	1.00	chr7	N/A	5	22	63.95	52.12
KIAA1967	30.76	30.73	1.00	chr8	8p22	39	1103	116.82	99.23
PSMD11	157.89	157.78	1.00	chr17	17q11.2	79	1412	119.77	88.68
TAF7	288.50	288.31	1.00	chr5	5q31	47	678	85.82	62.32
LOC100507438	14.34	14.33	1.00	chr9	N/A	5	22	90.58	96.92
MARS	113.88	113.81	1.00	chr12	12q13	50	1445	103.08	77.16
SAR1B	90.45	90.42	1.00	chr5	5q31.1	73	2119	133.94	96.84
WNT11	24.01	24.00	1.00	chr11	11q13.5	58	827	72.39	113.12
Hs.529249	11.67	11.67	1.00	chr3	N/A	10	139	92.57	62.03
Hs.664646	17.29	17.28	1.00	chr6	N/A	8	377	55.85	112.36
CBFA2T2	58.16	58.15	1.00	chr20	20q11	69	1872	243.17	125.62
Hs.598905	51.74	51.73	1.00	chr4	N/A	8	12	25.88	29.26
C2CD2L	37.43	37.43	1.00	chr11	11q23.3	32	989	80.24	102.35
DNMT1	94.54	94.53	1.00	chr19	19p13.2	30	577	134.00	67.77
GPR137B	70.40	70.40	1.00	chr1	1q42-q43	37	650	103.41	121.09
PRKACA	80.46	80.47	1.00	chr19	19p13.1	67	1190	172.37	121.09
SLC25A46	111.39	111.42	1.00	chr5	5q22.1	37	642	98.65	75.85
Hs.597848	14.27	14.28	1.00	chr11	N/A	3	66	72.68	67.16
TMEM179B	109.45	109.48	1.00	chr11	11q12.3	24	816	172.93	116.37
Hs.130937	40.61	40.62	1.00	chr15	N/A	14	146	71.15	103.22
TMEM44-AS1	104.66	104.70	1.00	chr3	3q29	10	399	211.34	603.25
ZEB2	61.41	61.44	1.00	chr2	2q22.3	85	2108	143.95	135.59
TRAV8-3	23.89	23.90	1.00	chr14	14q11	5	420	53.19	52.03
Hs.147121	7.80	7.80	1.00	chr8	N/A	3	66	18.17	91.74
Hs.670544	16.39	16.40	1.00	chrY	N/A	1	304	0.00	97.82
Hs.130262	13.76	13.77	1.00	chr16	N/A	2	22	17.84	72.36
TIMP3	362.22	362.48	1.00	chr22	22q12.3	66	2028	108.53	129.95
C1orf50	69.93	69.99	1.00	chr1	1p34.2	40	1026	95.45	74.37
Hs.656779	6.24	6.25	1.00	chr6	N/A	1	304	0.00	77.58
SWSAP1	44.13	44.17	1.00	chr19	19p13.2	19	391	96.17	76.38
Hs.148471	15.31	15.33	1.00	chr5	N/A	6	66	48.74	55.86
ZNF426	36.50	36.54	1.00	chr19	19p13.2	21	472	55.93	87.08
OSGEP	53.43	53.49	1.00	chr14	14q11.2	38	949	67.36	75.07
GTF3C6	323.97	324.40	1.00	chr6	6q21	24	417	83.61	56.96
TAAR2	28.76	28.81	1.00	chr6	6q24	18	453	55.53	73.15
ADIRF-AS1	92.92	93.08	1.00	chr10	10q23.2	15	450	128.98	175.95
VPS4A	149.07	149.31	1.00	chr16	16q22.1	35	554	113.87	54.22
AP4M1	39.84	39.91	1.00	chr7	7q22.1	38	625	89.10	94.89
KAT6A	234.11	234.51	1.00	chr8	8p11	84	1992	458.48	327.02
HEBP1	248.92	249.37	1.00	chr12	12p13.1	28	538	62.82	53.62
TNFAIP2	123.18	123.41	1.00	chr14	14q32	27	924	84.75	82.58
YARS2	59.71	59.82	1.00	chr12	12p11.21	35	599	91.12	54.12
IFI27L1	146.52	146.81	1.00	chr14	14q32.12	35	497	135.93	104.22
Hs.605350	65.09	65.23	1.00	chr1	N/A	1	304	0.00	54.68
Hs.388788	12.46	12.48	1.00	chr8	N/A	8	377	60.16	74.53
PJA2	254.83	255.36	1.00	chr5	5q21.3	30	572	96.99	70.63
Hs.679030	34.73	34.81	1.00	chr1	N/A	1	304	0.00	38.36
Hs.559488	9.07	9.09	1.00	chr7	N/A	18	450	75.59	86.91
GZF1	44.95	45.06	1.00	chr20	20p11.21	44	862	132.52	118.30
RRH	32.44	32.52	1.00	chr4	4q25	23	492	89.69	125.38
Hs.597651	14.94	14.98	1.00	chr2	N/A	7	73	83.32	97.60
CCDC27	14.02	14.06	1.00	chr1	1p36.32	24	405	141.55	86.60
FUBP1	90.49	90.73	1.00	chr1	1p31.1	44	723	150.39	73.26
CCL14	356.36	357.34	1.00	chr17	17q11.2	17	555	125.09	115.09
LOC100505534	7.18	7.20	1.00	chr15	N/A	8	746	74.17	71.69
SLC4A1AP	79.84	80.06	1.00	chr2	2p23.3	30	1141	59.88	57.59
TLE6	19.53	19.58	1.00	chr19	19p13.3	45	1222	121.87	70.87
Hs.734159	12.39	12.43	1.00	chr6	N/A	4	304	69.11	65.58
LARS2	41.81	41.93	1.00	chr3	3p21.3	42	1065	79.27	48.17
TAS2R19	12.05	12.08	1.00	chr12	12p13.2	26	56	67.54	59.92
BNIP1	39.01	39.13	1.00	chr5	5q33-q34	43	1417	68.95	121.65
Hs.733705	29.66	29.75	1.00	chr18	N/A	8	377	45.08	59.53
MSH2	52.94	53.10	1.00	chr2	2p21	53	760	150.79	81.93
RAMP3	114.90	115.26	1.00	chr7	7p13-p12	33	570	103.49	89.13
OBFC1	56.28	56.46	1.00	chr10	10q24.33	49	938	86.25	79.84
RXRA	121.35	121.73	1.00	chr9	9q34.3	56	1153	122.75	99.03
ZNF25	67.04	67.25	1.00	chr10	10p11.1	40	902	148.79	66.26
BHLHE22	26.17	26.26	1.00	chr8	8q13	28	676	90.41	88.94
UBE2T	63.56	63.77	1.00	chr1	1q32.1	33	542	70.25	177.88
Hs.127383	19.04	19.10	1.00	chr13	N/A	32	551	99.85	107.59
KIFAP3	128.59	129.02	1.00	chr1	1q24.2	37	650	69.22	87.00
OR4C12	12.41	12.45	1.00	chr11	11p11.12	8	52	64.43	49.46
CRADD	112.40	112.78	1.00	chr12	12q21.33-q23	39	688	79.99	395.85
LOC100132319	9.63	9.66	1.00	chr3	3q28	2	16	47.67	25.94
TLX2	16.60	16.65	1.00	chr2	2p13.1	50	1072	207.60	227.30
DIP2C	100.11	100.47	1.00	chr10	10p15.3	67	1919	172.62	92.73
GRIA3	15.71	15.76	1.00	chrX	Xq25	74	2177	179.98	119.21
Hs.601080	60.79	61.01	1.00	chr6	N/A	7	73	79.60	102.11
Hs.656975	48.15	48.32	1.00	chr5	N/A	7	73	32.79	53.69
Hs.676062	24.62	24.71	1.00	chr9	N/A	2	608	123.32	65.34

SPRYD4	70.74	71.00	1.00	chr12	12q13.3	16	400	75.97	103.70
SOX17	35.88	36.02	1.00	chr8	8q11.23	80	1000	92.45	120.55
FIBP	153.41	153.99	1.00	chr11	11q13.1	43	605	99.58	50.99
Hs.665259	11.66	11.70	1.00	chr12	N/A	14	146	60.33	59.94
LARP4B	59.14	59.38	1.00	chr10	10p15.3	59	2933	102.56	83.69
GPR132	13.36	13.41	1.00	chr14	14q32.3	32	788	165.40	197.51
Hs.129523	11.53	11.58	1.00	chr1	N/A	10	73	104.59	71.81
MRPL54	121.87	122.39	1.00	chr19	19p13.3	21	417	68.46	51.65
Hs.552119	46.35	46.55	1.00	chr7	N/A	1	304	0.00	32.22
Hs.516314	14.34	14.40	1.00	chr2	N/A	6	66	63.33	79.91
BVES-AS1	14.68	14.75	1.00	chr6	6q21	21	405	85.25	91.46
Hs.444405	16.44	16.52	1.00	chr4	N/A	11	377	58.98	83.28
Hs.133042	10.19	10.24	1.00	chr8	N/A	22	523	58.65	145.74
H2AFY	207.28	208.26	1.00	chr5	5q31.1	65	2195	134.41	134.26
Hs.616287	36.49	36.67	1.00	chr3	N/A	10	28	31.81	55.14
CCDC129	12.74	12.80	1.00	chr7	7p14.3	7	661	81.34	70.22
MRPL9	97.64	98.11	1.00	chr1	1q21	35	1378	77.36	93.98
SUN3	11.35	11.40	1.00	chr7	7p12.3	20	333	175.89	300.73
CFC1B	18.90	18.99	1.00	chr2	2q21.1	16	428	125.88	79.67
DLX5	19.34	19.44	1.00	chr7	7q22	30	577	148.37	139.76
Hs.629403	8.00	8.04	0.99	chr6	N/A	1	304	0.00	84.01
PPP1R14A	123.40	124.03	0.99	chr19	19q13.1	26	469	105.73	142.24
Hs.664738	13.26	13.33	0.99	chr6	N/A	7	73	106.27	101.44
MLXIPL	75.80	76.20	0.99	chr7	7q11.23	51	590	166.47	137.01
FAM46D	23.86	23.99	0.99	chrX	Xq21.1	19	386	166.39	169.18
CLPX	83.17	83.61	0.99	chr15	15q22.31	48	982	52.62	60.54
CPOX	81.38	81.82	0.99	chr3	3q12	27	564	179.57	113.12
RCN2	166.10	167.03	0.99	chr15	15q23	40	1036	143.34	95.30
FAM219A	85.49	85.98	0.99	chr9	9p13.3	26	463	63.17	69.72
Hs.634209	18.13	18.23	0.99	chr7	N/A	1	304	0.00	59.93
Hs.666553	9.34	9.40	0.99	chr6	N/A	5	51	99.59	85.02
Hs.561259	14.11	14.19	0.99	chr4	N/A	10	73	78.38	87.25
Hs.656681	8.03	8.08	0.99	chr5	N/A	7	459	84.33	93.14
Hs.405770	8.80	8.85	0.99	chr5	N/A	7	73	79.52	92.58
Hs.715086	110.28	110.94	0.99	chrX	N/A	4	304	18.78	66.38
Hs.133257	6.10	6.14	0.99	chr3	N/A	4	304	40.48	82.27
CUL5	90.18	90.72	0.99	chr11	11q22.3	58	1636	117.21	106.30
TPK1	35.81	36.02	0.99	chr7	7q34-q35	53	1059	334.36	498.40
UGP2	281.88	283.59	0.99	chr2	2p14-p13	90	1393	148.16	149.84
HDDC3	86.22	86.74	0.99	chr15	15q26.1	19	396	74.27	60.44
FAM49A	49.53	49.84	0.99	chr2	2p24.2	43	1381	306.47	92.02
OSBPL6	50.52	50.83	0.99	chr2	2q32.1	69	1389	182.88	93.21
Hs.732079	8.66	8.72	0.99	chr1	N/A	5	51	62.20	64.82
C10orf85	32.20	32.41	0.99	chr10	10q26.12	4	304	48.31	44.89
HDAC4	60.13	60.51	0.99	chr2	2q37.3	59	1269	100.35	214.71
Hs.672472	16.88	16.99	0.99	chr11	N/A	2	16	75.82	27.33
PRPF31	88.17	88.75	0.99	chr19	19q13.42	49	1110	93.17	78.92
Hs.86650	18.96	19.09	0.99	chr7	N/A	6	326	64.95	125.74
Hs.631532	8.65	8.70	0.99	chr19	N/A	7	73	59.74	80.88
SLC6A18	23.43	23.58	0.99	chr5	5p15.33	24	453	67.80	64.54
LOC643797	5.04	5.08	0.99	chr15	15q26.1	10	28	19.14	39.15
Hs.713829	36.16	36.41	0.99	chr12	N/A	10	28	39.34	52.40
MMP16	18.67	18.80	0.99	chr8	8q21.3	84	2135	227.41	93.91
Hs.542854	12.41	12.49	0.99	chr3	N/A	10	73	61.54	65.18
CHAMP1	104.44	105.17	0.99	chr13	13q34	26	457	145.83	64.59
Hs.733661	14.15	14.25	0.99	chr1	N/A	8	377	66.39	96.41
Hs.501023	351.53	354.04	0.99	chr10	N/A	22	197	71.93	116.50
Hs.606326	285.81	287.86	0.99	chr3	N/A	1	304	0.00	92.66
FOXA2	24.53	24.71	0.99	chr20	20p11	75	1581	311.24	172.38
TMEM62	43.75	44.07	0.99	chr15	15q15.2	22	764	89.88	70.66
Hs.149695	12.84	12.93	0.99	chr8	N/A	3	66	23.97	95.11
FAM224A	10.51	10.59	0.99	chrY	Yq11.222	8	420	107.03	66.17
Hs.521321	10.12	10.20	0.99	chr7	N/A	2	22	3.55	38.69
Hs.148383	12.84	12.94	0.99	chr19	N/A	7	73	104.74	180.08
COQ7	55.63	56.04	0.99	chr16	16p12.3	50	1445	66.64	67.41
Hs.540637	11.52	11.60	0.99	chr16	N/A	10	73	53.43	72.26
INHBA-AS1	8.61	8.68	0.99	chr7	7p14.1	5	608	119.96	71.70
DEFB105B	10.66	10.74	0.99	chr8	8p23.1	14	320	46.86	54.32
PSMA6	574.89	579.22	0.99	chr14	14q13	51	614	75.65	72.63
Hs.208098	7.10	7.15	0.99	chr1	N/A	2	608	7.69	73.69
GINS3	27.38	27.58	0.99	chr16	16q21	43	973	114.92	76.47
Hs.133191	12.66	12.76	0.99	chr13	N/A	5	22	85.96	52.69
Hs.654729	52.13	52.53	0.99	chr4	N/A	2	39	26.84	47.58
LINC00892	11.31	11.40	0.99	chrX	Xq26.3	2	16	92.68	48.52
HMGA1	101.14	101.92	0.99	chr6	6p21	57	1039	172.36	137.09
ZNF91	163.91	165.17	0.99	chr19	19p12	28	898	173.30	106.86
RBM12B	43.22	43.55	0.99	chr8	8q22.1	48	1791	154.46	94.28
DBN1	81.19	81.83	0.99	chr5	5q35.3	46	1012	105.03	65.35
Hs.406106	20.16	20.32	0.99	chr5	N/A	4	304	53.56	75.08
FAM115A	92.32	93.05	0.99	chr7	7q35	78	1926	169.39	94.90
CDK8	39.35	39.66	0.99	chr13	13q12	39	1274	139.80	88.03
Hs.730889	102.86	103.69	0.99	chr1	N/A	7	73	113.13	48.94
POU3F3	20.58	20.75	0.99	chr2	2q12.1	21	454	133.12	135.97
SLC25A40	72.84	73.44	0.99	chr7	7q21.12	68	1077	225.17	203.98
PLEKHA6	39.82	40.16	0.99	chr1	1q32.1	41	892	210.82	118.22
DDX55	73.55	74.19	0.99	chr12	12q24.31	37	603	164.63	88.96
CUL4B	81.71	82.41	0.99	chrX	Xq23	60	1916	261.20	161.76
FNBP4	117.14	118.15	0.99	chr11	11p11.2	50	1399	99.29	99.19
PTCD2	31.30	31.57	0.99	chr5	5q13.2	24	783	110.52	69.32
GUF1	30.19	30.45	0.99	chr4	4p12	32	900	103.43	72.68
KBTBD4	42.91	43.28	0.99	chr11	11p11.2	58	1297	96.12	86.26
NIT2	134.99	136.20	0.99	chr3	3q12.2	37	631	78.02	83.55
AKR1C4	25.76	25.99	0.99	chr10	10p15.1	26	503	166.13	292.30

Hs.126415	10.29	10.38	0.99	chr3	N/A	20	101	59.25	72.13
MTR	86.24	87.02	0.99	chr1	1q43	63	1073	111.67	74.90
SLC25A44	94.45	95.32	0.99	chr1	1q22	35	999	55.50	70.43
TEAD1	48.95	49.41	0.99	chr11	11p15.2	83	1226	123.08	136.29
DNAJB2	159.02	160.50	0.99	chr2	2q32-q34	46	617	129.52	83.97
Hs.385630	22.98	23.20	0.99	chr3	N/A	1	304	0.00	59.83
Hs.637117	29.22	29.50	0.99	chr4	N/A	4	304	73.84	53.27
Hs.2868	77.96	78.73	0.99	chr8	N/A	7	73	67.08	74.51
HDAC2	91.98	92.89	0.99	chr6	6q21	38	953	99.66	97.98
APPL1	81.65	82.46	0.99	chr3	3p21.1-p14.3	53	1028	115.29	63.43
ZNF416	23.14	23.37	0.99	chr19	19q13.4	20	692	71.59	80.75
LOC100506238	13.71	13.85	0.99	chr11	N/A	18	450	110.62	100.57
SEPN1	135.02	136.41	0.99	chr1	1p36.13	39	485	161.51	93.36
GPHB5	26.77	27.05	0.99	chr14	14q23.2	17	346	62.22	51.21
AP3D1	170.74	172.52	0.99	chr19	19p13.3	57	1496	110.34	109.40
KHSRP	115.68	116.91	0.99	chr19	19p13.3	59	1861	102.12	92.67
Hs.663310	15.05	15.21	0.99	chr8	N/A	7	73	83.98	85.43
EDA	24.87	25.14	0.99	chrX	Xq12-q13.1	82	2741	98.25	101.04
SNRPD1	123.28	124.61	0.99	chr18	18q11.2	53	1051	154.41	113.22
ZNF560	6.86	6.93	0.99	chr19	19p13.2	19	387	70.06	166.46
Hs.619090	28.12	28.44	0.99	chr15	N/A	12	493	70.88	111.25
Hs.516790	176.16	178.12	0.99	chr1	N/A	14	146	140.27	118.62
Hs.653983	149.71	151.39	0.99	chr5	N/A	7	73	107.02	82.05
CALCOCO2	158.51	160.29	0.99	chr17	17q21.32	52	1253	93.82	94.45
GPR128	11.89	12.03	0.99	chr3	3q12.2	22	390	72.32	125.64
Hs.598607	13.20	13.35	0.99	chr12	N/A	1	304	0.00	62.29
C1orf110	9.73	9.84	0.99	chr1	1q23.3	14	336	43.59	147.96
C12orf44	84.02	84.97	0.99	chr12	12q13.13	28	533	92.23	51.45
DNAH11	25.61	25.90	0.99	chr7	7p21	58	1196	159.90	389.98
COA6	90.75	91.79	0.99	chr1	1q42.2	28	490	69.21	53.90
TAF4	37.52	37.95	0.99	chr20	20q13.33	28	914	153.92	105.84
Hs.666301	35.86	36.27	0.99	chr18	N/A	8	377	134.75	51.07
BRIX1	48.65	49.21	0.99	chr5	5p13.2	41	561	70.18	101.06
Hs.658952	40.53	41.00	0.99	chr19	N/A	9	129	85.23	157.00
SYCP1	27.20	27.52	0.99	chr1	1p13-p12	48	1014	139.09	238.64
RPAP3	37.53	37.98	0.99	chr12	12q13.11	129	1045	78.17	93.70
Hs.658602	16.69	16.89	0.99	chr3	N/A	7	73	87.82	87.12
NFIX	103.01	104.24	0.99	chr19	19p13.3	86	1967	186.75	190.54
Hs.586170	6.51	6.59	0.99	chr4	N/A	2	22	51.68	87.55
CAMSAP2	86.20	87.24	0.99	chr1	1q32.1	56	1610	242.97	102.76
Hs.654943	19.84	20.08	0.99	chr15	N/A	7	73	132.39	96.59
PNPLA2	231.72	234.55	0.99	chr11	11p15.5	42	1446	150.87	182.36
OR4A15	31.96	32.35	0.99	chr11	11q11	16	28	71.00	79.19
HES6	26.59	26.92	0.99	chr2	2q37.3	43	789	62.97	205.76
PCDHB3	17.52	17.73	0.99	chr5	5q31	14	428	132.20	82.88
SOC6	35.30	35.74	0.99	chr18	18q22.2	60	1559	107.13	95.80
Hs.656051	868.38	879.27	0.99	chr3	N/A	7	73	60.15	77.29
CEP95	43.95	44.51	0.99	chr17	17q23.3	55	1367	95.43	101.09
Hs.656966	9.43	9.55	0.99	chr3	N/A	1	304	0.00	96.98
Hs.540966	10.67	10.81	0.99	chr18	N/A	10	73	83.30	57.22
Hs.655957	16.81	17.03	0.99	chr10	N/A	15	450	63.39	151.06
FOXN1	12.56	12.72	0.99	chr17	17q11-q12	22	500	70.42	96.55
HTR1E	27.34	27.70	0.99	chr6	6q14-q15	33	524	90.01	61.90
Hs.619490	8.75	8.86	0.99	chr17	N/A	1	304	0.00	73.88
Hs.593637	3.00	3.04	0.99	chr3	N/A	8	12	21.94	38.61
TLX3	11.17	11.31	0.99	chr5	5q35.1	21	464	68.58	69.41
Hs.656511	9.50	9.62	0.99	chr8	N/A	7	73	40.97	110.66
EFCAB5	12.81	12.98	0.99	chr17	17q11.2	24	715	167.74	161.65
Hs.625304	29.25	29.65	0.99	chr5	N/A	11	377	72.89	59.32
U2AF2	89.34	90.56	0.99	chr19	19q13.42	53	1823	151.63	118.56
Hs.667035	17.92	18.16	0.99	chr7	N/A	1	304	0.00	43.27
LYNX1	125.87	127.59	0.99	chr8	8q24.3	67	1183	130.78	224.82
SMYD5	42.24	42.82	0.99	chr2	2p13.2	30	560	77.29	84.83
CXorf27	14.21	14.40	0.99	chrX	Xp21.1	37	588	137.52	171.46
EIF3J	99.24	100.62	0.99	chr15	15q21.1	59	1204	101.43	93.40
Hs.659093	295.32	299.44	0.99	chr2	N/A	15	450	198.88	226.67
HAUS7	44.09	44.71	0.99	chrX	Xq28	39	901	113.26	53.21
Hs.99677	5.99	6.07	0.99	chr10	N/A	10	28	33.89	27.98
PIGN	48.26	48.94	0.99	chr18	18q21.33	66	1200	106.26	82.98
GIMAP6	70.64	71.64	0.99	chr7	N/A	34	848	94.92	104.43
Hs.593943	16.40	16.64	0.99	chr5	N/A	2	22	22.22	53.02
ABHD5	48.52	49.22	0.99	chr3	3p21	88	2147	114.94	109.63
Hs.737929	12.29	12.46	0.99	chr9	N/A	1	304	0.00	104.41
TRNP1	57.35	58.17	0.99	chr1	1p36.11	38	810	88.30	154.07
ABHD10	120.15	121.88	0.99	chr3	3q13.2	48	905	151.29	99.43
PCDH15	4.89	4.96	0.99	chr10	10q21.1	35	732	117.39	123.91
CHRM3-AS2	9.85	9.99	0.99	chr1	N/A	3	326	38.06	95.71
SAFB	67.15	68.13	0.99	chr19	19p13.3-p13.2	52	1483	161.07	106.80
FAM53A	19.02	19.30	0.99	chr4	4p16.3	7	669	88.35	121.19
ZFP91	26.14	26.53	0.99	chr11	11q12	18	76	55.77	71.29
TWISTNB	35.69	36.21	0.99	chr7	7p21.1	57	1072	80.03	105.15
RBM8A	90.32	91.66	0.99	chr1	1q21.1	79	2182	157.13	92.58
Hs.312579	48.87	49.60	0.99	chr16	N/A	1	304	0.00	35.47
Hs.721172	11.30	11.47	0.99	chr13	N/A	7	73	138.12	143.91
GABARAPL2	584.24	593.10	0.99	chr16	16q22.1	43	605	84.48	69.88
Hs.733574	31.49	31.97	0.99	chr20	N/A	7	73	153.42	111.95
Hs.292074	9.25	9.39	0.98	chr17	N/A	3	66	54.17	78.67
ZNF613	16.96	17.22	0.98	chr19	19q13.41	42	583	88.19	128.94
Hs.143408	26.43	26.83	0.98	chr19	N/A	22	709	73.80	98.25
FLJ36848	9.95	10.10	0.98	chr2	2p15	5	16	90.23	50.36
NEK9	104.98	106.59	0.98	chr14	14q24.3	45	1374	276.40	138.62
Hs.145222	12.35	12.54	0.98	chr7	N/A	2	22	89.59	79.65
SURF2	45.87	46.58	0.98	chr9	9q34.2	35	627	79.31	122.88

LCMT2	39.19	39.81	0.98	chr15	15q15.3	25	907	134.02	88.25
Hs.714416	131.35	133.42	0.98	chr3	N/A	5	420	50.12	29.01
Hs.601116	28.94	29.41	0.98	chr11	N/A	1	304	0.00	63.33
Hs.592625	151.50	153.91	0.98	chr7	N/A	21	219	82.09	582.06
FAM5C	17.34	17.61	0.98	chr1	1q31.1	44	732	102.23	191.89
SLC9C1	7.99	8.12	0.98	chr3	3q13.2	16	29	178.26	95.22
CDKN2B-AS1	5.45	5.53	0.98	chr9	9p21.3	4	304	19.93	55.87
Hs.586945	28.00	28.45	0.98	chr17	N/A	8	377	41.54	52.55
PKD2L2	9.15	9.30	0.98	chr5	5q31	42	813	66.95	84.32
FAM193B	156.83	159.37	0.98	chr5	5q35.3	48	829	284.34	210.36
KCMF1	130.45	132.57	0.98	chr2	2p11.2	66	1685	106.96	141.58
UBXN10	21.35	21.70	0.98	chr1	1p36.12	45	777	87.83	124.03
Hs.120784	11.83	12.03	0.98	chr21	N/A	1	304	0.00	84.07
CRNDE	135.62	137.85	0.98	chr16	16q12.2	19	721	66.98	226.77
Hs.734457	11.31	11.49	0.98	chr11	N/A	1	304	0.00	56.78
Hs.551058	16.17	16.44	0.98	chr5	N/A	3	66	58.06	85.73
LOC100507511	10.75	10.93	0.98	chr12	N/A	8	377	46.70	114.65
Hs.113139	12.27	12.48	0.98	chr6	N/A	10	73	94.96	103.73
RAET1L	10.75	10.93	0.98	chr6	6q25.1	3	2	17.52	3.59
Hs.28360	23.93	24.33	0.98	chr19	N/A	8	377	100.18	56.79
Hs.649315	7.98	8.11	0.98	chr11	N/A	3	66	115.38	100.99
Hs.147848	10.20	10.37	0.98	chr17	N/A	5	22	87.44	46.31
LPCAT3	60.99	62.02	0.98	chr12	12p13	35	627	103.08	80.15
KRTAP13-3	11.71	11.91	0.98	chr21	21q22.1	16	28	54.96	63.84
ZNF107	29.52	30.02	0.98	chr7	7q11.2	57	940	109.24	91.59
PPARA	44.52	45.28	0.98	chr22	22q13.31	141	3808	150.18	138.56
PPP2R5E	92.01	93.59	0.98	chr14	14q23.1	51	808	150.42	67.42
TTY20	8.32	8.47	0.98	chrY	Yp11.2	13	28	36.75	36.38
XPNPEP1	98.83	100.52	0.98	chr10	10q25.3	49	1395	154.34	93.99
STK25	82.65	84.07	0.98	chr2	2q37.3	66	863	121.42	94.79
Hs.120204	17.19	17.49	0.98	chr1	N/A	20	101	58.43	94.42
Hs.562165	11.85	12.06	0.98	chr1	N/A	7	73	68.69	111.85
Hs.635126	8.95	9.11	0.98	chr10	N/A	7	73	41.59	66.68
Hs.702881	312.91	318.36	0.98	chr4	N/A	17	101	383.99	202.07
Hs.521575	6.22	6.33	0.98	chr8	N/A	5	22	66.63	54.65
WDR90	56.64	57.64	0.98	chr16	16p13.3	73	1287	157.65	131.43
ELP2	81.87	83.30	0.98	chr18	18q12.2	44	1430	75.65	95.23
LOC644083	7.91	8.05	0.98	chr1	1p36.13	13	28	80.93	70.38
VPS41	69.36	70.58	0.98	chr7	7p14-p13	82	1526	143.90	105.78
CRYBB2	27.08	27.56	0.98	chr22	22q11.23	38	941	114.25	91.24
Hs.604771	7.37	7.50	0.98	chr17	N/A	10	28	27.84	41.72
Hs.720528	50.36	51.26	0.98	chr6	N/A	7	73	94.23	45.09
Hs.352254	18.18	18.51	0.98	chr2	N/A	4	308	48.87	95.46
RNASE1	404.24	411.46	0.98	chr14	14q11.2	60	1092	213.73	226.98
VARS	56.75	57.76	0.98	chr6	6p21.3	59	1084	147.92	89.22
SKOR1	22.32	22.72	0.98	chr15	15q23	5	52	77.80	78.22
SART1	78.44	79.86	0.98	chr11	11q13.1	40	1006	71.27	64.65
FLJ39080	31.25	31.82	0.98	chr8	8q21.11	4	304	35.94	45.14
LOC100128554	8.67	8.83	0.98	chr12	12q24.32	1	304	0.00	54.94
UCP1	11.57	11.78	0.98	chr4	4q28-q31	21	453	76.95	99.18
Hs.147106	6.79	6.92	0.98	chr9	N/A	6	66	75.25	123.68
SYNE1	65.39	66.60	0.98	chr6	6q25	122	2502	261.90	250.73
Hs.734893	343.53	349.91	0.98	chr5	N/A	10	28	10.66	38.53
Hs.534185	85.02	86.60	0.98	chr9	N/A	7	73	74.18	60.21
Hs.667763	7.19	7.33	0.98	chr8	N/A	7	73	91.14	152.03
Hs.656729	20.76	21.14	0.98	chr6	N/A	7	73	103.97	115.65
ZNF174	25.43	25.91	0.98	chr16	16p13.3	73	1546	85.55	80.53
Hs.731920	61.79	62.96	0.98	chr2	N/A	7	73	71.46	54.37
MOB4	143.70	146.43	0.98	chr2	2q33.1	65	1176	114.49	71.06
LRRC17	46.30	47.18	0.98	chr7	7q22.1	47	1014	127.40	212.46
OSGIN2	28.73	29.28	0.98	chr8	8q21	72	1985	99.38	143.35
SMAD4	76.62	78.08	0.98	chr18	18q21.1	87	2119	166.74	116.85
Hs.662309	9.42	9.60	0.98	chr5	N/A	23	968	163.03	77.53
TERF2	54.19	55.23	0.98	chr16	16q22.1	42	1601	102.68	109.94
WLS	112.23	114.41	0.98	chr1	1p31.3	47	1204	98.18	82.01
LZTS1	17.84	18.18	0.98	chr8	8p22	67	2784	109.86	113.68
FABP12	9.23	9.40	0.98	chr8	8q21.13	2	16	59.42	77.15
LOC285556	34.05	34.71	0.98	chr4	4q23	11	377	108.22	367.07
ANGPT2	21.78	22.20	0.98	chr8	8p23.1	73	1846	186.89	122.30
FAM120A	155.08	158.10	0.98	chr9	9q22.31	92	3171	148.62	151.31
DCHS1	60.73	61.91	0.98	chr11	11p15.4	47	1314	162.37	122.68
Hs.665294	11.68	11.90	0.98	chr2	N/A	7	73	85.55	107.24
SLC9A2	30.31	30.91	0.98	chr2	2q11.2	35	968	148.78	117.23
ATG4D	93.32	95.15	0.98	chr19	19p13.2	26	499	166.83	69.65
CEP85	67.21	68.54	0.98	chr1	1p36.11	29	832	77.14	84.49
LOC100506351	21.52	21.95	0.98	chr8	N/A	6	326	80.17	197.53
Hs.715907	447.89	456.87	0.98	chr19	N/A	5	51	60.49	49.82
BAHCC1	31.11	31.74	0.98	chr17	17q25.3	31	1214	147.56	231.27
RPN1	252.89	258.00	0.98	chr3	3q21.3	64	791	125.47	107.85
FAM104A	41.42	42.28	0.98	chr17	17q25.1	57	671	125.14	139.54
Hs.731648	38.37	39.17	0.98	chr10	N/A	12	493	111.32	88.86
RDX	132.02	134.78	0.98	chr11	11q23	57	1563	125.85	109.98
ZNF679	84.10	85.88	0.98	chr7	7q11.21	16	71	60.49	71.79
Hs.729205	25.37	25.91	0.98	chr8	N/A	8	377	123.12	177.02
GLIS3-AS1	22.13	22.60	0.98	chr9	9p24.2	13	386	218.39	69.90
NFIB	173.56	177.25	0.98	chr9	9p24.1	80	2360	140.54	153.24
Hs.544494	21.59	22.05	0.98	chr6	N/A	10	73	131.87	59.42
IL3RA	38.84	39.68	0.98	chrX	Xp22.3 or Yp1	33	520	73.67	106.31
C9orf78	86.58	88.46	0.98	chr9	9q34.11	35	599	114.16	48.38
ATP6V0C	571.52	583.89	0.98	chr16	16p13.3	51	1025	109.51	89.09
LOC100128893	44.07	45.02	0.98	chr18	18q11.2	18	405	76.17	119.01
AVL9	32.40	33.11	0.98	chr7	7p14.3	71	2382	230.26	129.82
Hs.145481	73.52	75.12	0.98	chr6	N/A	14	146	171.66	152.43

Hs.598823	14.75	15.08	0.98	chr8	N/A	11	377	56.57	67.98
Hs.731731	22.23	22.71	0.98	chr14	N/A	2	22	59.62	66.67
Hs.133958	9.50	9.70	0.98	chr12	N/A	10	73	70.32	102.23
Hs.706881	98.67	100.83	0.98	chr1	N/A	7	73	73.48	88.29
Hs.555591	9.54	9.75	0.98	chr21	N/A	1	304	0.00	71.67
OR4K1	10.02	10.24	0.98	chr14	14q11.2	13	28	38.78	58.44
ADAMTS4	61.45	62.80	0.98	chr1	1q21-q23	29	424	87.60	134.21
Hs.564698	9.89	10.11	0.98	chr14	N/A	7	73	73.64	76.10
EXOC6	51.26	52.39	0.98	chr10	10q23.33	44	1105	157.71	123.16
LINC00423	12.29	12.56	0.98	chr13	N/A	1	304	0.00	52.11
Hs.633798	5.52	5.65	0.98	chr5	N/A	5	420	43.25	94.75
SOD1	1,212.50	1,239.53	0.98	chr21	21q22.11	58	749	52.38	68.18
Hs.650220	9.92	10.14	0.98	chr14	N/A	11	332	38.60	53.93
SULF2	134.51	137.53	0.98	chr20	20q12-q13.2	26	712	63.01	105.24
PCBP3	34.71	35.49	0.98	chr21	21q22.3	33	922	240.94	164.96
TAAR1	16.38	16.75	0.98	chr6	6q23.2	22	384	88.99	168.78
Hs.668448	10.46	10.70	0.98	chr7	N/A	7	73	67.26	88.98
Hs.509496	8.01	8.20	0.98	chr14	N/A	8	377	83.26	111.81
PLEKHN1	45.18	46.22	0.98	chr1	1p36.33	19	386	202.52	100.10
ZNF14	54.08	55.33	0.98	chr19	19p13.11	30	538	156.24	54.46
Hs.661105	6.58	6.74	0.98	chr17	N/A	13	371	85.35	79.87
PCBP2	269.46	275.73	0.98	chr12	12q13.12-q13.	100	2827	156.43	137.21
Hs.600878	6.08	6.22	0.98	chr1	N/A	7	73	56.71	71.83
Hs.706455	263.90	270.05	0.98	chr4	N/A	5	51	53.36	141.67
SLC6A12	48.16	49.29	0.98	chr12	12p13	30	577	183.09	144.80
ADRM1	185.60	189.96	0.98	chr20	20q13.33	43	605	89.87	61.95
SCTR	17.57	17.98	0.98	chr2	2q14.1	30	1159	75.23	78.67
Hs.720449	69.48	71.13	0.98	chr15	N/A	8	377	67.68	58.06
FIP1L1	57.40	58.76	0.98	chr4	4q12	63	1116	116.88	165.64
Hs.436191	12.02	12.30	0.98	chr3	N/A	29	596	109.41	93.16
LINC00518	13.37	13.68	0.98	chr6	6p24.3	25	712	69.71	341.20
C6orf1	100.06	102.43	0.98	chr6	6p21.31	42	497	133.54	105.98
DPY19L1	27.73	28.39	0.98	chr7	7p14.3-p14.2	90	2283	160.15	125.47
LINC00052	11.63	11.90	0.98	chr15	15q25.3	27	360	83.35	78.76
ZKSCAN7	25.18	25.78	0.98	chr3	3p21.32	63	1077	175.68	94.74
SAP18	267.75	274.15	0.98	chr13	13q12.11	85	1770	90.23	108.61
SMUG1	38.87	39.80	0.98	chr12	12q13.11-q13.	43	1184	120.27	67.42
Hs.128256	20.76	21.25	0.98	chr19	N/A	2	22	125.04	59.24
FOSL1	49.71	50.91	0.98	chr11	11q13	42	657	133.72	152.35
Hs.634929	25.78	26.40	0.98	chr6	N/A	2	22	22.78	79.90
Hs.702582	451.42	462.29	0.98	chr6	N/A	7	73	79.97	187.23
BAZ1B	50.24	51.46	0.98	chr7	7q11.23	54	1806	79.25	107.26
C15orf26	8.11	8.31	0.98	chr15	15q25.1	17	339	41.34	93.47
FAM73B	88.59	90.74	0.98	chr9	9q34.11	28	422	174.61	63.12
FAM229B	128.59	131.73	0.98	chr6	6q21	39	631	109.37	307.07
ARHGEF2	113.24	116.01	0.98	chr1	1q21-q22	34	1606	137.90	99.75
MMP1	23.31	23.88	0.98	chr11	11q22.3	56	725	100.83	691.33
LLPH	45.47	46.58	0.98	chr12	12q14.3	32	804	57.50	77.31
NOC4L	33.10	33.92	0.98	chr12	12q24.33	30	460	53.62	84.64
SPACA5	59.92	61.41	0.98	chrX	Xp11.23	2	52	1.28	60.76
Hs.570098	15.07	15.45	0.98	chr2	N/A	15	450	101.37	74.05
WDHD1	17.21	17.64	0.98	chr14	14q22.2	153	1635	406.38	156.23
KCNJ11	17.47	17.90	0.98	chr11	11p15.1	24	415	85.39	125.70
Hs.568918	10.32	10.58	0.98	chr11	N/A	5	22	60.30	78.79
UNC80	24.96	25.58	0.98	chr2	2q35	74	1590	383.81	254.05
TLL13	29.78	30.52	0.98	chr15	15q26.1	6	356	76.32	103.55
Hs.667451	10.80	11.07	0.98	chr12	N/A	3	66	33.57	97.22
Hs.21278	10.81	11.08	0.98	chr12	N/A	8	377	44.90	92.77
MDF1	53.24	54.57	0.98	chr6	6p21	35	626	229.06	125.23
Hs.602368	20.29	20.80	0.98	chr12	N/A	7	73	65.90	100.28
PSMD1	212.11	217.42	0.98	chr2	2q37.1	45	1025	75.16	50.18
TRH	30.95	31.73	0.98	chr3	3q13.3-q21	43	639	75.55	151.83
ATP6V1G1	422.64	433.26	0.98	chr9	9q32	38	954	66.44	100.13
Hs.666408	9.80	10.04	0.98	chr17	N/A	3	66	105.39	74.91
C16orf72	71.19	72.99	0.98	chr16	16p13.2	60	2039	120.65	108.88
Hs.666090	7.89	8.09	0.98	chr8	N/A	7	73	84.97	67.31
Hs.479989	14.74	15.11	0.98	chr1	N/A	4	304	32.26	83.17
Hs.469033	36.61	37.54	0.98	chr2	N/A	3	326	65.08	51.83
SREK1	59.51	61.03	0.98	chr5	5q12.3	67	2871	169.29	129.66
DUX2	13.76	14.11	0.98	chr4	4q35.2	21	453	188.60	62.98
Hs.666918	11.90	12.21	0.98	chr7	N/A	9	95	60.74	76.30
Hs.562015	125.87	129.10	0.98	chrX	N/A	8	12	16.41	20.28
Hs.634320	10.92	11.21	0.97	chr10	N/A	10	73	70.61	96.37
FUS	113.33	116.28	0.97	chr16	16p11.2	51	2706	119.01	106.56
DIABLO	210.03	215.52	0.97	chr12	12q24.31	27	465	117.68	42.89
Hs.649313	12.19	12.51	0.97	chr1	N/A	10	73	88.42	79.46
Hs.674745	19.18	19.69	0.97	chr3	N/A	1	304	0.00	97.79
DHCR7	97.73	100.31	0.97	chr11	11q13.4	38	997	56.10	88.94
HRK	17.78	18.25	0.97	chr12	12q24.22	49	1437	89.44	141.38
SLC38A10	68.29	70.10	0.97	chr17	17q25.3	79	2579	125.31	137.17
GIN1	32.05	32.90	0.97	chr5	5q21.1	29	837	67.67	67.07
SRPK1	102.68	105.40	0.97	chr6	6p21.31	37	1126	281.93	127.75
Hs.146469	10.64	10.92	0.97	chr12	N/A	2	22	3.61	92.17
ERVMER34-1	16.72	17.16	0.97	chr4	4q12	28	522	126.87	65.18
Hs.740757	166.79	171.22	0.97	chr1	N/A	10	73	59.84	53.99
Hs.449415	54.52	55.97	0.97	chr8	N/A	7	73	97.57	59.35
Hs.667420	15.94	16.37	0.97	chr1	N/A	1	304	0.00	47.14
CIAPIN1	95.02	97.56	0.97	chr16	16q21	53	1397	91.83	112.41
DCXR	322.03	330.71	0.97	chr17	17q25.3	21	465	69.62	212.36
Hs.647210	57.35	58.90	0.97	chr11	N/A	22	523	106.62	127.55
AGFG1	70.31	72.21	0.97	chr2	2q36.3	79	2485	131.32	116.32
Hs.715044	104.56	107.40	0.97	chr20	N/A	3	320	114.01	97.97
MMP13	12.86	13.21	0.97	chr11	11q22.3	30	565	161.96	116.29

Hs.516026	3.10	3.19	0.97	chr2	N/A	8	12	44.16	32.28
AKR7L	126.99	130.46	0.97	chr1	1p35-p36.1	13	39	61.50	71.79
TRIM32	47.56	48.86	0.97	chr9	9q33.1	73	1171	182.18	72.63
Hs.664458	18.01	18.50	0.97	chr15	N/A	7	73	120.60	83.79
B3GALT1	12.70	13.05	0.97	chr2	2q24.3	22	758	96.70	70.81
MYH3	18.97	19.49	0.97	chr17	17p13.1	28	545	191.66	172.34
Hs.581733	4.42	4.54	0.97	chr4	N/A	2	22	41.33	46.54
Hs.602508	9.56	9.83	0.97	chr18	N/A	2	22	47.01	87.00
Hs.655784	11.95	12.28	0.97	chr17	N/A	6	355	82.83	91.01
MID1	71.45	73.44	0.97	chrX	Xp22	63	1530	215.99	71.82
Hs.596781	12.32	12.67	0.97	chr15	N/A	3	66	74.40	64.69
ADRA1A	16.69	17.16	0.97	chr8	8p21.2	62	1867	93.35	760.33
PTCD3	109.37	112.42	0.97	chr2	2p11.2	97	2057	129.83	121.33
FBLN5	197.18	202.68	0.97	chr14	14q32.1	50	678	71.52	100.72
PCDHA13	14.98	15.40	0.97	chr5	5q31	5	39	51.91	56.45
STRN3	66.48	68.35	0.97	chr14	14q13-q21	83	1345	200.79	130.33
MPG	72.10	74.12	0.97	chr16	16p13.3	34	555	78.28	57.96
Hs.604191	21.93	22.54	0.97	chr8	N/A	2	22	20.20	48.75
SATB2-AS1	10.52	10.81	0.97	chr2	2q33.1	17	663	49.38	77.10
TLDC2	14.12	14.52	0.97	chr20	20q11.23	4	304	46.58	65.42
STX7	110.23	113.35	0.97	chr6	6q23.1	65	1577	138.51	106.76
ZNF844	32.33	33.25	0.97	chr19	19p13.2	20	465	178.49	126.25
EPHX2	69.93	71.91	0.97	chr8	8p21	30	577	75.22	120.34
INPPL1	110.75	113.89	0.97	chr11	11q13	30	577	104.32	59.20
Hs.125008	7.80	8.02	0.97	chr19	N/A	15	636	57.80	90.14
GRHPR	196.31	201.92	0.97	chr9	9q12	64	1591	87.84	108.70
CLDN23	16.67	17.15	0.97	chr8	8p23.1	30	1124	116.34	129.86
SLC6A15	19.44	19.99	0.97	chr12	12q21.3	92	1827	231.62	142.07
STX2	71.85	73.91	0.97	chr12	12q24.33	60	1248	122.30	213.22
Hs.653123	10.73	11.04	0.97	chr15	N/A	11	340	66.77	118.61
FAM185A	24.43	25.14	0.97	chr7	7q22.1	34	489	84.90	87.41
Hs.503862	37.73	38.82	0.97	chr11	N/A	8	377	217.41	85.16
Hs.594526	44.29	45.57	0.97	chr7	N/A	7	73	91.39	59.19
DTD1	95.30	98.07	0.97	chr20	20p11.23	25	715	61.70	77.70
Hs.131249	7.98	8.21	0.97	chr7	N/A	3	66	37.13	62.93
CYYR1	76.77	79.01	0.97	chr21	21q21.2	37	799	105.05	94.23
FAM180A	21.67	22.31	0.97	chr7	7q33	13	28	58.93	37.13
Hs.695354	127.19	130.93	0.97	chr11	N/A	1	304	0.00	33.54
TRD	15.10	15.55	0.97	chr14	14q11.2	15	2360	81.18	119.19
SSX9	12.99	13.37	0.97	chrX	Xp11.23	16	28	116.41	51.69
MAST2	102.46	105.49	0.97	chr1	1p34.1	47	1117	106.38	79.39
Hs.128309	12.30	12.67	0.97	chr9	N/A	5	22	85.87	61.09
KIF5B	304.23	313.27	0.97	chr10	10p11.22	43	1374	192.90	92.71
FAM3C	87.74	90.35	0.97	chr7	7q31	67	1348	93.00	139.42
CYBA	122.79	126.44	0.97	chr16	16q24	49	1027	189.45	178.86
Hs.666633	9.08	9.35	0.97	chr11	N/A	8	377	50.97	77.76
Hs.733185	7.56	7.79	0.97	chr2	N/A	1	304	0.00	57.39
Hs.598295	172.73	177.93	0.97	chr2	N/A	7	73	36.83	66.73
Hs.600152	17.29	17.81	0.97	chr14	N/A	1	304	0.00	66.04
DIMT1	89.83	92.54	0.97	chr5	5q12.1	74	2000	209.24	93.34
Hs.603668	7.62	7.85	0.97	chr6	N/A	10	73	69.09	106.15
Hs.585496	12.86	13.25	0.97	chr11	N/A	8	377	60.16	91.24
Hs.128426	9.26	9.54	0.97	chr17	N/A	10	73	64.96	117.85
Hs.445849	12.64	13.03	0.97	chr11	N/A	2	608	54.60	53.93
Hs.130970	6.60	6.80	0.97	chr8	N/A	11	377	45.99	96.07
Hs.663018	56.82	58.55	0.97	chr8	N/A	1	304	0.00	43.48
HPRT1	111.00	114.39	0.97	chrX	Xq26.1	52	1025	90.31	106.81
Hs.544125	10.21	10.52	0.97	chr5	N/A	2	22	53.95	75.19
GRIA4	14.74	15.19	0.97	chr11	11q22	47	1284	111.10	115.69
Hs.665971	45.84	47.24	0.97	chr3	N/A	14	146	93.78	68.83
NR4A1	169.92	175.13	0.97	chr12	12q13	63	1526	154.39	193.11
DET1	58.95	60.76	0.97	chr15	15q25.3	38	606	60.78	49.86
CHMP4B	330.92	341.06	0.97	chr20	20q11.22	37	801	74.56	124.37
TAMM41	40.13	41.36	0.97	chr3	3p25.2	47	1218	93.41	67.80
Hs.604238	15.36	15.83	0.97	chr10	N/A	2	22	12.15	58.41
LOC257396	17.52	18.06	0.97	chr5	5q11.2	25	481	62.07	103.92
Hs.450092	4.45	4.59	0.97	chr3	N/A	1	304	0.00	118.04
H1FNT	26.50	27.33	0.97	chr12	12q13.11	28	1035	107.75	543.99
Hs.668535	30.63	31.58	0.97	chr1	N/A	7	73	48.40	79.37
Hs.369935	15.96	16.45	0.97	chr15	N/A	11	332	93.89	108.10
DNAJC19	128.72	132.74	0.97	chr3	3q26.33	54	946	72.22	67.65
PAF1	74.24	76.56	0.97	chr19	19q13.1	54	746	113.67	59.16
Hs.6729	83.20	85.81	0.97	chr2	N/A	10	73	90.09	67.35
ADCYAP1	25.87	26.69	0.97	chr18	18p11	34	880	95.60	171.58
OBSL1	57.98	59.82	0.97	chr2	2q35	94	3203	91.09	130.46
COG8	70.69	72.93	0.97	chr16	16q22.1	59	670	215.60	64.55
Hs.545055	9.80	10.11	0.97	chr7	N/A	10	73	72.33	94.90
SIPA1	56.95	58.76	0.97	chr11	11q13	33	576	84.09	175.73
Hs.560932	11.79	12.16	0.97	chr2	N/A	10	28	36.20	52.85
UNC93A	9.78	10.09	0.97	chr6	6q27	47	1047	77.75	117.40
Hs.676028	10.13	10.45	0.97	chr2	N/A	1	304	0.00	57.93
ZDHC16	122.43	126.35	0.97	chr10	10q24.1	32	493	124.09	72.24
Hs.65307	17.42	17.98	0.97	chr19	N/A	8	377	97.44	93.53
Hs.573195	15.50	16.00	0.97	chr5	N/A	10	73	75.45	241.83
LOC554207	9.33	9.64	0.97	chr14	14q11.2	21	363	116.57	62.61
MFN1	65.03	67.14	0.97	chr3	3q26.33	70	1544	186.00	97.12
ZNF92	253.51	261.75	0.97	chr7	7q11.21	58	1238	280.51	414.56
FAM120C	55.23	57.03	0.97	chrX	Xp11.22	53	1026	99.73	114.08
LRRD1	5.46	5.64	0.97	chr7	7q21.2	1	304	0.00	85.39
PLOD3	146.96	151.77	0.97	chr7	7q22	44	721	100.22	79.69
Hs.731943	315.59	325.95	0.97	chr11	N/A	7	73	145.94	107.07
Hs.675304	17.27	17.84	0.97	chr11	N/A	10	840	59.67	65.72
ME3	60.75	62.75	0.97	chr11	11cen-q22.3	61	1055	96.10	99.05

Hs.659118	9.40	9.71	0.97	chr14	N/A	1	304	0.00	72.98
Hs.668167	14.60	15.08	0.97	chr18	N/A	2	22	12.31	67.09
LOC100506458	18.48	19.09	0.97	chr7	N/A	10	28	35.39	50.36
MSLN	34.64	35.79	0.97	chr16	16p13.3	37	642	147.87	189.98
Hs.633359	3.83	3.95	0.97	chr7	N/A	1	304	0.00	56.17
Hs.664085	31.71	32.76	0.97	chr5	N/A	14	146	61.56	100.63
LOC100144595	5.47	5.66	0.97	chr2	N/A	10	28	103.32	57.74
Hs.666660	8.37	8.65	0.97	chr13	N/A	7	73	120.54	75.16
Hs.734051	19.16	19.79	0.97	chr17	N/A	7	73	122.78	124.89
KLHDC2	334.76	345.99	0.97	chr14	14q21.3	28	526	59.33	48.48
Hs.128539	11.35	11.73	0.97	chr11	N/A	2	22	41.82	69.96
CTSB	561.15	580.02	0.97	chr8	8p22	66	2197	95.16	99.09
ISCA1	102.35	105.80	0.97	chr9	9q21.33	80	1562	127.61	73.14
Hs.149648	14.99	15.50	0.97	chr5	N/A	7	73	120.71	101.30
Hs.671287	33.35	34.48	0.97	chr16	N/A	10	28	36.30	26.54
C14orf166	488.61	505.20	0.97	chr14	14q22.1	28	533	57.93	56.95
NUP133	78.71	81.39	0.97	chr1	1q42.13	46	1012	77.94	77.22
GBF1	78.98	81.66	0.97	chr10	10q24	44	734	90.38	65.35
CIAO1	79.15	81.84	0.97	chr2	2q11.2	55	1098	93.07	61.38
Hs.562460	9.74	10.07	0.97	chr12	N/A	5	22	50.88	71.57
LGR4	38.48	39.80	0.97	chr11	11p14-p13	61	1393	106.33	157.85
Hs.135690	41.98	43.42	0.97	chr11	N/A	15	50	69.06	138.19
Hs.662629	22.23	22.99	0.97	chr1	N/A	8	377	60.27	62.87
Hs.650139	11.53	11.93	0.97	chr10	N/A	1	304	0.00	66.49
Hs.664258	9.93	10.27	0.97	chr12	N/A	8	377	61.89	55.28
LOC375196	13.23	13.69	0.97	chr2	2p22.3	11	337	159.57	67.62
MMP10	17.83	18.45	0.97	chr11	11q22.3	30	566	124.62	197.05
KLHL35	28.63	29.62	0.97	chr11	11q13.4	54	1499	147.57	113.78
Hs.535726	14.87	15.38	0.97	chr3	N/A	3	66	147.68	79.59
Hs.628555	60.23	62.31	0.97	chr4	N/A	7	73	129.06	61.75
NPAS2	34.30	35.48	0.97	chr2	2q11.2	58	2254	89.72	101.49
PLIN5	54.61	56.50	0.97	chr19	19p13.3	47	1977	103.82	138.18
Hs.147713	10.87	11.25	0.97	chr14	N/A	1	304	0.00	55.78
NOMO1	385.75	399.14	0.97	chr16	16p13.11	36	891	159.74	90.04
LINC00606	5.72	5.92	0.97	chr3	3p25.3	5	608	55.48	73.04
C8orf59	118.80	122.93	0.97	chr8	8q21.2	25	1065	120.59	95.86
HDAC5	75.30	77.92	0.97	chr17	17q21	64	1039	79.41	84.68
USP25	59.00	61.05	0.97	chr21	21q11.2	63	2001	111.27	116.58
Hs.53997	13.42	13.89	0.97	chrX	N/A	11	1289	120.73	74.60
Hs.663731	10.37	10.73	0.97	chr8	N/A	7	73	43.03	79.70
KCNK2	17.56	18.17	0.97	chr1	1q41	37	539	323.87	343.47
Hs.663282	12.55	12.99	0.97	chr2	N/A	8	377	82.47	118.96
Hs.597474	20.34	21.05	0.97	chr4	N/A	8	377	100.30	94.45
EIF2B5	76.23	78.90	0.97	chr3	3q27.1	31	876	96.58	88.14
GABRA2	17.61	18.23	0.97	chr4	4p12	58	1445	201.14	148.41
Hs.634601	24.50	25.36	0.97	chr19	N/A	2	608	119.89	64.07
LOC101059921	55.89	57.85	0.97	chr7	N/A	1	304	0.00	35.68
Hs.602083	7.66	7.93	0.97	chr1	N/A	7	73	33.94	74.80
IFNA4	24.13	24.98	0.97	chr9	9p22	26	492	72.35	122.73
Hs.586830	42.38	43.87	0.97	chr14	N/A	8	377	94.10	72.36
PDE10A	20.43	21.16	0.97	chr6	6q26	50	1490	165.24	82.42
ERIC1H	38.83	40.22	0.97	chr8	8p23.3	52	3081	101.49	93.68
Hs.734120	111.38	115.36	0.97	chr10	N/A	1	304	0.00	70.44
Hs.662637	8.60	8.90	0.97	chr2	N/A	7	73	86.62	77.82
RPGR	34.22	35.44	0.97	chrX	Xp21.1	39	643	172.36	102.71
Hs.727898	44.09	45.67	0.97	chr20	N/A	2	16	70.52	13.03
ST3GAL6-AS1	16.08	16.66	0.97	chr3	N/A	10	28	43.58	36.71
TESK1	77.32	80.09	0.97	chr9	9p13	45	644	110.01	84.28
CLCN3	89.52	92.73	0.97	chr4	4q33	85	1731	136.26	94.19
Hs.667784	14.77	15.30	0.97	chr11	N/A	14	146	49.56	86.59
ZNF474	21.44	22.21	0.97	chr5	5q23.2	7	305	83.61	53.35
ARL5B	23.10	23.93	0.97	chr10	10p12.31	46	564	147.75	147.27
ISOC2	101.67	105.32	0.97	chr19	19q13.42	41	566	102.68	76.93
Hs.19985	30.59	31.69	0.97	chr11	N/A	11	377	89.07	103.77
Hs.137945	13.98	14.48	0.97	chr2	N/A	2	608	29.22	64.36
Hs.545352	17.67	18.31	0.96	chr8	N/A	10	73	68.81	61.08
C9orf24	60.92	63.15	0.96	chr9	9p13.3	33	424	97.24	243.96
SNHG9	40.30	41.78	0.96	chr16	16p13.3	8	377	93.57	125.88
PPP1R26	50.88	52.75	0.96	chr9	9q34.3	30	568	71.22	57.14
Hs.658179	100.53	104.22	0.96	chr15	N/A	7	73	61.75	55.18
TACR3	13.04	13.52	0.96	chr4	4q25	23	493	79.79	69.82
Hs.666206	5.81	6.02	0.96	chr3	N/A	2	22	58.42	90.39
Hs.309467	23.95	24.84	0.96	chr17	N/A	10	73	56.02	70.82
LOC145783	29.87	30.97	0.96	chr15	15q21.3	15	1012	60.07	85.46
OR1F2P	17.66	18.31	0.96	chr16	16p13.3	28	482	58.88	161.90
EIF4EBP1	83.12	86.20	0.96	chr8	8p12	30	574	79.60	114.63
Hs.604163	10.60	10.99	0.96	chr12	N/A	3	66	75.58	60.20
PPP2R2B	56.04	58.11	0.96	chr5	5q32	57	1068	156.12	153.00
LOC729173	50.93	52.83	0.96	chr11	11q23.3	11	332	35.35	53.61
ZNF671	41.83	43.40	0.96	chr19	19q13.43	28	532	66.66	56.15
RTKN	36.93	38.31	0.96	chr2	2p13.1	44	1149	155.18	168.14
ZNF714	65.81	68.28	0.96	chr19	19p12	25	72	94.42	72.31
STK17A	77.77	80.70	0.96	chr7	7p13	86	1748	219.69	192.47
ICOSLG	28.99	30.09	0.96	chr21	21q22.3	65	2241	117.93	98.10
TAC4	11.69	12.13	0.96	chr17	17q21.33	19	332	111.33	74.22
ARHGDB1	330.83	343.42	0.96	chr12	12p12.3	31	1185	128.51	200.36
Hs.499682	7.62	7.91	0.96	chr10	N/A	1	304	0.00	71.36
DIP2A	85.86	89.13	0.96	chr21	21q22.3	88	3055	375.69	244.18
COLGALT1	104.82	108.82	0.96	chr19	19p13.11	29	837	95.93	78.76
Hs.149496	8.73	9.07	0.96	chr1	N/A	2	22	32.13	82.82
LOC440786	13.53	14.04	0.96	chr22	22q11.1	5	52	48.03	72.89
ZNF483	18.09	18.79	0.96	chr9	9q31.3	39	1119	115.59	77.81
OR1Q1	27.45	28.50	0.96	chr9	9q33.2	20	688	150.24	131.65

Hs.659212	19.05	19.78	0.96	chr7	N/A	8	377	66.49	70.48
Hs.560064	8.78	9.12	0.96	chr12	N/A	10	73	97.48	91.42
Hs.146654	9.97	10.35	0.96	chr10	N/A	5	22	60.08	80.34
ASTN2	41.90	43.51	0.96	chr9	9q33.1	52	1322	84.15	132.56
ST8SIA4	16.07	16.69	0.96	chr5	5q21	72	2006	79.14	114.93
KIF26B	14.17	14.71	0.96	chr1	1q44	38	856	107.73	68.92
LOC100507173	9.29	9.65	0.96	chr6	N/A	15	453	78.74	90.39
FLJ20712	11.33	11.76	0.96	chr7	7p14.3	27	477	87.57	102.65
TFIP11	49.38	51.29	0.96	chr22	22q12.1	36	968	85.09	87.53
NDUFC2	383.78	398.59	0.96	chr11	11q14.1	44	921	111.84	89.07
TMEM185B	44.48	46.20	0.96	chr2	2q14.2	49	926	130.23	57.84
WDR34	92.75	96.35	0.96	chr9	9q34.11	26	468	88.52	71.01
PFDN2	185.87	193.11	0.96	chr1	1q23.3	38	566	105.64	69.88
Hs.276876	31.10	32.32	0.96	chr1	N/A	1	304	0.00	75.75
TFAP2B	20.39	21.18	0.96	chr6	6p12	46	1362	167.88	184.50
LENG8	172.22	178.94	0.96	chr19	19q13.42	39	445	157.19	229.18
Hs.644678	23.44	24.36	0.96	chr3	N/A	4	304	28.76	79.00
Hs.736403	13.06	13.58	0.96	chr20	N/A	1	304	0.00	61.08
GJC2	36.54	37.98	0.96	chr1	1q42.13	34	1032	93.06	145.65
TRPM4	38.89	40.42	0.96	chr19	19q13.33	28	532	94.57	149.25
Hs.226564	10.97	11.40	0.96	chr14	N/A	17	146	102.57	106.43
Hs.666908	10.56	10.97	0.96	chr3	N/A	14	146	50.33	96.09
Hs.658805	204.34	212.40	0.96	chr2	N/A	7	73	25.79	45.41
Hs.664182	6.15	6.39	0.96	chr1	N/A	8	377	69.97	99.76
Hs.639358	7.29	7.58	0.96	chr3	N/A	2	608	40.28	76.47
ZNF517	11.08	11.52	0.96	chr8	8q24.3	28	509	120.67	81.82
GSC2	6.03	6.27	0.96	chr22	22q11.21	21	458	84.13	83.44
HOXC9	41.27	42.91	0.96	chr12	12q13.3	26	457	130.98	123.71
Hs.658167	18.80	19.54	0.96	chr4	N/A	3	912	59.55	119.81
Hs.135421	10.42	10.83	0.96	chr13	N/A	10	73	51.33	105.15
BPY2B	6.63	6.89	0.96	chrY	Yq11.223	13	28	96.92	115.38
Hs.666572	11.07	11.51	0.96	chr8	N/A	2	22	11.86	58.25
DPPP3	49.67	51.66	0.96	chr11	11q12-q13.1	34	540	87.18	120.31
Hs.656894	11.39	11.85	0.96	chr20	N/A	7	73	128.10	96.01
TMEM183A	113.62	118.19	0.96	chr1	1q32.1	33	964	115.90	91.88
Hs.12249	11.34	11.80	0.96	chr1	N/A	8	377	86.02	93.39
NCOA1	197.85	205.83	0.96	chr2	2p23	55	1529	317.20	53.99
CETN3	146.63	152.54	0.96	chr5	5q14.3	35	616	240.74	176.43
LOC100294145	24.74	25.74	0.96	chr6	N/A	24	560	181.53	109.93
Hs.602714	10.12	10.53	0.96	chr1	N/A	3	66	35.92	55.34
TC16	15.70	16.33	0.96	chr14	14q32.1	102	2743	144.17	118.92
Hs.630167	11.18	11.63	0.96	chr5	N/A	10	28	29.38	29.96
Hs.603037	9.93	10.34	0.96	chr2	N/A	7	73	61.01	63.04
Hs.660113	13.68	14.23	0.96	chr16	N/A	8	377	80.18	118.75
CUEDC2	229.73	239.07	0.96	chr10	10q24.32	38	561	88.00	104.68
DDAH2	128.58	133.81	0.96	chr6	6p21.3	38	1395	73.92	56.03
SLFN11	84.83	88.28	0.96	chr17	17q12	37	480	96.84	115.80
Hs.603061	19.66	20.46	0.96	chr1	N/A	2	22	32.41	80.99
Hs.674715	34.52	35.93	0.96	chr5	N/A	1	304	0.00	68.50
CDK7	90.24	93.94	0.96	chr5	5q12.1	46	762	98.03	92.02
KCNV2	12.60	13.11	0.96	chr9	9p24.2	29	617	75.12	116.66
Hs.668035	23.02	23.97	0.96	chr12	N/A	4	370	49.10	46.87
RPS16	2,468.71	2,570.44	0.96	chr19	19q13.1	40	1605	77.94	80.30
CRB2	34.55	35.97	0.96	chr9	9q33.3	26	648	164.15	135.59
TUBAL3	17.51	18.24	0.96	chr10	10p15.1	21	448	96.55	87.90
Hs.519026	12.65	13.17	0.96	chr4	N/A	13	28	68.09	84.34
RNF141	103.29	107.59	0.96	chr11	11p15.4	54	1572	257.83	247.23
Hs.678169	191.29	199.24	0.96	chr3	N/A	1	304	0.00	39.42
FNIP1	46.70	48.64	0.96	chr5	5q23.3	60	1570	212.76	95.80
UBALD1	40.47	42.16	0.96	chr16	16p13.3	28	1077	66.26	97.47
Hs.658018	12.75	13.28	0.96	chr8	N/A	8	377	96.75	96.91
Hs.458447	37.09	38.64	0.96	chr10	N/A	24	560	71.63	70.70
YTHDF3	110.94	115.60	0.96	chr8	8q12.3	49	1124	177.92	119.72
LINC00303	7.09	7.39	0.96	chr1	1q32.1	16	28	47.55	38.93
ZNF703	12.49	13.02	0.96	chr8	8p11.23	21	82	110.72	94.30
EIF4A2	750.79	782.47	0.96	chr3	3q28	63	1387	161.71	142.31
TCF21	41.98	43.76	0.96	chr6	6q23-q24	58	1247	107.98	240.62
Hs.694868	84.43	88.00	0.96	chr5	N/A	14	146	115.19	68.49
Hs.547045	43.66	45.50	0.96	chr4	N/A	1	304	0.00	40.74
MDC1	53.37	55.63	0.96	chr6	6p21.3	39	1083	87.15	76.63
RAB40C	47.11	49.11	0.96	chr16	16p13.3	40	1546	228.97	101.13
Hs.668180	9.20	9.59	0.96	chr6	N/A	2	22	51.18	64.77
HBE1	29.75	31.01	0.96	chr11	11p15.5	42	991	124.33	557.13
OR2T8	5.40	5.63	0.96	chr1	1q44	13	28	38.27	49.02
Hs.131571	14.10	14.71	0.96	chr5	N/A	2	22	27.38	54.02
Hs.129417	6.35	6.62	0.96	chr3	N/A	11	377	93.61	105.19
RFC1	60.49	63.09	0.96	chr4	4p14-p13	83	1997	229.44	134.49
Hs.735985	33.31	34.75	0.96	chr19	N/A	10	28	49.32	61.96
CTIF	55.61	58.02	0.96	chr18	18q21.1	35	992	75.84	68.10
DOCK1	47.26	49.30	0.96	chr10	10q26.13-q26.	43	1888	90.31	127.90
Hs.603751	7.43	7.75	0.96	chr4	N/A	3	326	32.48	63.56
Hs.435610	355.48	370.93	0.96	chr10	N/A	17	146	61.90	70.32
ZNF394	66.26	69.14	0.96	chr7	7q22.1	24	460	105.18	50.80
CPSF4	125.87	131.35	0.96	chr7	7q22.1	33	577	128.40	46.31
GPR19	26.16	27.30	0.96	chr12	12p12.3	35	613	165.96	120.75
Hs.596780	229.64	239.64	0.96	chr1	N/A	10	73	82.98	61.14
GART	44.98	46.94	0.96	chr21	21q22.11	78	2921	117.22	137.74
TRAPPC12	63.84	66.62	0.96	chr2	2p25.3	63	1056	111.62	102.10
Hs.664693	269.16	280.92	0.96	chr22	N/A	7	73	158.93	156.82
Hs.693788	203.49	212.39	0.96	chr5	N/A	14	146	57.79	68.80
LMX1A	12.95	13.52	0.96	chr1	1q24.1	28	384	68.78	78.69
TEX12	10.47	10.93	0.96	chr11	11q22	28	526	139.65	256.60
DNAJC5	81.63	85.21	0.96	chr20	20q13.33	19	943	61.76	69.94

Hs.583167	5.56	5.80	0.96	chr7	N/A	7	73	18.77	77.98
Hs.667687	13.78	14.39	0.96	chr17	N/A	2	22	64.18	95.96
ETS1	124.45	129.93	0.96	chr11	11q23.3	64	1332	195.72	222.99
Hs.523129	52.00	54.29	0.96	chr1	N/A	14	146	70.05	54.71
ZSCAN26	77.91	81.35	0.96	chr6	6p21.31	55	724	125.76	126.22
Hs.600569	11.58	12.09	0.96	chr22	N/A	7	73	135.09	81.31
NIF3L1	118.19	123.43	0.96	chr2	2q33	28	538	78.10	68.09
Hs.596884	32.40	33.84	0.96	chr2	N/A	7	73	93.28	53.31
LOC285768	7.71	8.05	0.96	chr6	6p25.3	4	304	33.94	55.18
MAGEC3	11.05	11.54	0.96	chrX	Xq27.2	30	451	76.54	73.75
ATP6V0B	295.01	308.12	0.96	chr1	1p32.3	33	577	90.31	54.58
MMD	93.98	98.17	0.96	chr17	17q	38	954	152.00	188.26
Hs.486246	352.99	368.75	0.96	chr1	N/A	7	73	104.96	102.78
PCDH7	41.20	43.04	0.96	chr4	4p15	87	2258	248.80	209.28
SLCO2A1	116.88	122.10	0.96	chr3	3q21	30	577	130.03	114.44
FAM197Y2	10.24	10.70	0.96	chrY	Yp11.2	13	28	34.68	64.18
Hs.657288	17.00	17.76	0.96	chr5	N/A	5	51	78.93	76.01
Hs.664552	24.32	25.41	0.96	chr10	N/A	1	304	0.00	49.41
Hs.599750	15.46	16.15	0.96	chr14	N/A	3	66	74.90	156.40
Hs.146800	15.48	16.18	0.96	chr20	N/A	2	22	5.72	122.90
Hs.668316	14.08	14.71	0.96	chr11	N/A	7	73	118.06	67.20
AKT1S1	48.75	50.96	0.96	chr19	19q13.33	43	935	229.72	113.11
LINC00698	22.38	23.39	0.96	chr3	3p14.2	1	304	0.00	37.75
LAMB1	110.78	115.81	0.96	chr7	7q22	50	1121	84.61	116.08
TMEM59	378.66	395.88	0.96	chr1	1p32.3	38	966	159.01	113.65
IL3	9.99	10.45	0.96	chr5	5q31.1	23	493	90.27	151.72
ZNF513	56.44	59.01	0.96	chr2	2p23.3	31	489	255.20	68.61
Hs.668526	25.24	26.40	0.96	chrX	N/A	7	73	101.63	70.62
PPCS	101.84	106.49	0.96	chr1	1p34.2	46	625	87.41	68.83
CPNE8	41.94	43.85	0.96	chr12	12q12	56	1283	134.35	97.08
DBF4B	21.26	22.23	0.96	chr17	17q21	63	1511	82.76	74.07
Hs.670388	6.15	6.43	0.96	chr6	N/A	3	912	82.27	72.75
CTTN	92.27	96.50	0.96	chr11	11q13	62	2169	122.19	151.00
CDKL1	13.03	13.62	0.96	chr14	14q21.3	52	1070	100.30	110.97
Hs.710259	42.40	44.34	0.96	chr1	N/A	10	28	37.59	47.41
CRIP1	76.81	80.34	0.96	chr2	2p21	30	1153	79.87	61.33
Hs.594335	24.78	25.92	0.96	chr5	N/A	1	304	0.00	51.39
Hs.146173	10.25	10.72	0.96	chr5	N/A	2	22	77.33	65.00
Hs.604068	8.82	9.23	0.96	chr2	N/A	2	22	60.70	57.09
GPR27	47.00	49.17	0.96	chr3	3p21-p14	21	465	118.60	51.69
C11orf24	96.50	100.98	0.96	chr11	11q13	26	880	56.64	58.89
LINC00612	15.12	15.83	0.96	chr12	12p13.31	17	344	66.13	67.80
ZSWIM2	4.61	4.82	0.96	chr2	2q32.1	19	384	41.81	129.52
TXNIP	1,555.87	1,628.25	0.96	chr1	1q21.1	42	1025	129.30	89.29
TMEM8A	72.77	76.16	0.96	chr16	16p13.3	29	830	75.65	74.61
TRMT10C	103.35	108.16	0.96	chr3	3q12.3	119	613	37.41	42.60
Hs.657911	56.51	59.14	0.96	chr8	N/A	1	304	0.00	35.59
Hs.705852	82.63	86.49	0.96	chr4	N/A	7	73	166.09	121.49
Hs.661229	22.46	23.51	0.96	chr21	N/A	12	879	72.39	85.68
Hs.660815	23.80	24.92	0.96	chr9	N/A	3	66	55.48	68.50
Hs.662624	8.29	8.68	0.96	chr8	N/A	2	22	80.24	73.61
Hs.133153	9.68	10.13	0.96	chr1	N/A	7	73	59.42	112.49
Hs.56044	26.06	27.29	0.95	chr1	N/A	7	73	114.83	233.88
Hs.734711	33.38	34.96	0.95	chr11	N/A	1	304	0.00	102.01
Hs.92993	16.08	16.84	0.95	chr18	N/A	10	73	66.58	104.66
LOC286190	3.05	3.20	0.95	chr8	8q13.2	1	304	0.00	50.23
Hs.535106	62.59	65.57	0.95	chr15	N/A	8	12	8.48	22.41
Hs.648838	7.66	8.03	0.95	chr2	N/A	14	146	67.16	78.14
Hs.715202	83.75	87.77	0.95	chr4	N/A	19	709	300.70	56.03
NR5A2	21.21	22.22	0.95	chr1	1q32.1	95	2061	143.66	163.32
NCR2	42.62	44.67	0.95	chr6	6p21.1	38	1759	177.86	101.55
Hs.679076	12.98	13.60	0.95	chr5	N/A	6	66	59.45	132.90
Hs.570351	8.83	9.25	0.95	chr20	N/A	2	608	35.98	64.09
Hs.156542	8.06	8.45	0.95	chr8	N/A	10	73	47.27	82.79
Hs.136791	8.77	9.20	0.95	chr2	N/A	10	73	72.26	94.05
Hs.439712	10.23	10.72	0.95	chr6	N/A	10	73	97.22	73.98
Hs.665297	7.28	7.63	0.95	chr15	N/A	22	523	69.92	115.75
Hs.655303	203.76	213.64	0.95	chr7	N/A	10	28	51.58	109.45
Hs.573131	18.10	18.97	0.95	chr4	N/A	11	377	63.32	63.10
Hs.667308	28.16	29.52	0.95	chr5	N/A	7	73	80.18	60.82
THAP10	36.20	37.96	0.95	chr15	15q23	21	460	94.15	60.03
FAM87A	31.64	33.18	0.95	chr8	8p23.3	2	608	117.24	85.66
VWDE	11.36	11.92	0.95	chr7	7p21.3	29	768	94.25	128.71
NRD1	171.47	179.85	0.95	chr1	1p32.2-p32.1	62	1128	127.67	111.28
Hs.513379	17.08	17.91	0.95	chr13	N/A	2	22	60.60	47.32
TH	19.83	20.81	0.95	chr11	11p15.5	43	594	78.32	188.12
KANK2	357.11	374.65	0.95	chr19	19p13.2	58	1417	148.09	354.63
SEC14L5	50.87	53.38	0.95	chr16	16p13.3	37	637	107.85	119.64
UBE2G1	144.59	151.72	0.95	chr17	17p13.2	51	1368	91.10	81.75
FAM104B	44.06	46.23	0.95	chrX	Xp11.21	50	826	74.27	104.00
MGC16142	18.38	19.29	0.95	chr7	7q21.2	23	416	222.19	56.08
PTPMT1	65.52	68.75	0.95	chr11	11p11.2	30	1053	88.18	65.35
Hs.524108	15.14	15.89	0.95	chr11	N/A	10	73	81.15	105.13
TOR2A	28.93	30.36	0.95	chr9	9q34.11	30	717	80.43	90.76
KRT32	32.89	34.51	0.95	chr17	17q21.2	30	566	99.04	71.75
Hs.655968	103.24	108.35	0.95	chr8	N/A	7	73	114.26	60.09
Hs.592108	47.62	49.98	0.95	chr17	N/A	7	659	61.16	75.16
ATP8B3	16.49	17.31	0.95	chr19	19p13.3	53	1264	209.26	178.03
LINC00476	25.15	26.40	0.95	chr9	9q22.32	38	1075	222.83	60.19
ILK	262.95	276.00	0.95	chr11	11p15.4	53	666	124.98	74.78
SYNJ1	31.38	32.94	0.95	chr21	21q22.2	50	1298	251.13	123.12
LOC100130429	24.69	25.91	0.95	chr2	2p21	1	304	0.00	79.22
ARL1	109.19	114.62	0.95	chr12	12q23.2	67	1177	86.17	120.14

Hs.701224	58.32	61.23	0.95	chr2	N/A	1	304	0.00	147.22
Hs.666431	14.69	15.42	0.95	chr19	N/A	8	379	121.98	97.09
Hs.720346	144.05	151.27	0.95	chr14	N/A	9	129	132.76	205.23
CCL19	193.38	203.08	0.95	chr9	9p13	30	577	408.73	310.10
LMTK2	40.27	42.29	0.95	chr7	7q21.3	65	1454	225.73	137.10
TRPC6	17.70	18.59	0.95	chr11	11q22.1	35	998	125.13	141.98
OR51B5	30.46	32.00	0.95	chr11	11p15.4	21	636	93.64	227.51
CABP2	11.61	12.20	0.95	chr11	11q13.1	27	454	104.01	76.86
Hs.633313	13.94	14.64	0.95	chr19	N/A	8	420	93.09	99.44
Hs.601154	12.28	12.90	0.95	chr11	N/A	7	73	55.36	93.87
Hs.713664	1,167.77	1,226.70	0.95	chr2	N/A	29	233	108.27	119.23
RB1	72.56	76.22	0.95	chr13	13q14.2	73	1364	97.53	145.06
LARP1B	39.48	41.48	0.95	chr4	4q28.2	104	2121	89.18	106.50
LOC100996385	10.58	11.11	0.95	chr5	N/A	21	360	38.66	117.42
LOC200726	21.40	22.48	0.95	chr2	2q33.3	13	28	147.70	62.14
GPR32	18.81	19.76	0.95	chr19	19q13.33	21	454	65.16	84.23
Hs.155775	18.07	18.99	0.95	chr2	N/A	4	304	44.25	54.39
LURAP1	54.82	57.60	0.95	chr1	1p34	16	392	84.83	82.73
STT3A	111.72	117.41	0.95	chr11	11q23.3	30	578	82.62	59.55
HTR3B	19.78	20.78	0.95	chr11	11q23.1	21	464	89.08	73.47
SNORD22	23.77	24.98	0.95	chr11	11q13	12	28	41.61	45.04
Hs.664177	8.70	9.15	0.95	chr10	N/A	3	66	25.14	75.50
ARCNI	271.67	285.55	0.95	chr11	11q23.3	40	605	187.84	92.81
Hs.444645	22.07	23.19	0.95	chr7	N/A	19	754	85.04	68.96
HNRNP	187.39	196.96	0.95	chr10	10q11.21	40	605	144.07	160.20
LRRC10B	34.55	36.31	0.95	chr11	11q12.2	1	304	0.00	133.44
BRK1	373.58	392.69	0.95	chr3	3p25.3	39	841	95.66	122.71
RING1	226.98	238.61	0.95	chr6	6p21.3	35	997	84.16	70.04
Hs.728924	25.47	26.78	0.95	chr16	N/A	8	377	58.47	63.25
LOC100507351	14.20	14.92	0.95	chr17	N/A	12	636	30.70	52.85
Hs.511714	15.96	16.78	0.95	chr7	N/A	5	420	52.61	61.26
Hs.604369	205.46	216.02	0.95	chr14	N/A	7	73	70.64	72.30
Hs.599237	235.57	247.72	0.95	chr16	N/A	8	377	138.33	59.46
KIAA0430	103.13	108.45	0.95	chr16	16p13.11	35	954	95.64	103.48
Hs.603280	25.39	26.70	0.95	chr1	N/A	2	22	19.98	39.18
USHBP1	15.90	16.72	0.95	chr19	19p13	51	621	80.16	86.13
GPD1	65.55	68.95	0.95	chr12	12q12-q13	71	1802	117.15	234.22
NMRAL1	71.47	75.18	0.95	chr16	16p13.3	25	751	111.07	52.23
Hs.389019	5.82	6.13	0.95	chr18	N/A	11	332	120.35	86.29
RABAC1	326.77	343.78	0.95	chr19	19q13.2	28	555	73.25	54.04
Hs.660204	19.82	20.85	0.95	chr2	N/A	1	304	0.00	53.18
Hs.601926	143.90	151.41	0.95	chr1	N/A	7	73	99.10	90.59
SNX3	630.40	663.39	0.95	chr6	6q21	46	1372	89.09	53.68
CYP2W1	26.84	28.25	0.95	chr7	7p22.3	21	460	58.88	64.91
Hs.677180	10.84	11.41	0.95	chr5	N/A	1	304	0.00	65.52
Hs.674648	29.69	31.25	0.95	chr5	N/A	1	304	0.00	76.98
EXOSC4	60.52	63.70	0.95	chr8	8q24.3	43	1785	97.77	71.07
Hs.715135	371.67	391.27	0.95	chr9	N/A	19	571	91.93	89.87
ASPHD2	32.77	34.50	0.95	chr22	22q12.1	42	822	242.37	91.03
NOC2L	69.74	73.43	0.95	chr1	1p36.33	59	1055	175.40	238.16
INHBC	57.78	60.84	0.95	chr12	12q13.1	45	1018	92.15	82.74
TSC2	59.07	62.20	0.95	chr16	16p13.3	46	1011	195.97	71.51
TMTC1	89.95	94.72	0.95	chr12	12p11.22	62	1511	108.33	136.16
STAB1	123.28	129.85	0.95	chr3	3p21.1	40	1557	120.49	136.43
MICALL2	45.40	47.82	0.95	chr7	7p22.3	57	1313	83.46	126.27
HIST1H3G	28.29	29.81	0.95	chr6	6p22.1	29	469	79.59	113.70
Hs.129464	8.53	8.99	0.95	chr3	N/A	7	73	106.10	80.96
ZDHHCS	124.17	130.81	0.95	chr11	11q12.1	36	886	87.98	80.14
Hs.721078	53.34	56.20	0.95	chr3	N/A	21	219	173.93	89.31
TSC22D1	306.84	323.33	0.95	chr13	13q14	76	1789	166.87	180.47
Hs.602270	6.64	7.00	0.95	chr10	N/A	7	73	36.97	68.91
PYROXD2	46.26	48.75	0.95	chr10	10q24.2	27	773	78.95	72.85
ENPP3	25.83	27.23	0.95	chr6	6q22	27	1134	162.72	102.85
Hs.597566	75.51	79.59	0.95	chr11	N/A	7	73	58.26	97.07
RANBP3	51.32	54.10	0.95	chr19	19p13.3	89	2009	120.19	74.47
IPO11	38.10	40.16	0.95	chr5	5q12.1	35	1141	150.06	94.77
GCFC2	29.55	31.15	0.95	chr2	2p12	56	1445	96.24	85.12
B3GAT2	40.44	42.64	0.95	chr6	6q13	34	856	175.09	267.42
PZP	57.21	60.32	0.95	chr12	12p13-p12.2	30	570	99.30	103.29
SRSF4	118.05	124.46	0.95	chr1	1p35.3	61	1922	171.35	117.53
DNPEP	103.81	109.45	0.95	chr2	2q35	53	1400	97.01	88.96
NPAP1	37.15	39.17	0.95	chr15	15q11-q13	21	460	132.77	63.95
AICDA	12.51	13.19	0.95	chr12	12p13	28	832	94.47	139.87
Hs.663412	10.80	11.39	0.95	chr12	N/A	2	22	12.86	82.33
Hs.132301	11.73	12.37	0.95	chr9	N/A	2	22	58.21	57.66
MAPK1	122.89	129.60	0.95	chr22	22q11.21	102	2981	199.77	171.11
Hs.531617	15.85	16.72	0.95	chr19	N/A	11	332	95.94	52.73
Hs.632953	15.52	16.37	0.95	chr12	N/A	14	146	51.17	78.11
GABRA3	6.86	7.24	0.95	chrX	Xq28	23	496	52.80	69.96
PCDHGA3	17.16	18.10	0.95	chr5	5q31	10	845	64.04	69.03
DCT	37.73	39.80	0.95	chr13	13q32	83	2106	311.50	199.51
SLC5A4	14.94	15.76	0.95	chr22	22q12.3	28	550	110.87	61.68
F13A1	199.76	210.72	0.95	chr6	6p25.3-p24.3	30	577	146.67	171.68
KIAA1683	30.38	32.05	0.95	chr19	19p13.1	26	813	137.64	161.87
CLEC4C	8.79	9.28	0.95	chr12	12p13.2-p12.3	21	636	49.74	88.51
Hs.667486	6.92	7.30	0.95	chr18	N/A	8	377	65.18	63.58
DIRAS3	52.86	55.77	0.95	chr1	1p31	40	659	149.90	284.52
Hs.638462	3.11	3.28	0.95	chr15	N/A	10	28	35.40	36.67
HPDL	26.72	28.20	0.95	chr1	1p34.1	19	384	84.01	72.40
TMCO3	61.39	64.78	0.95	chr13	13q34	45	1598	100.32	140.98
C2orf78	9.36	9.88	0.95	chr2	2p13.1	16	28	106.53	140.17
Hs.666612	14.76	15.58	0.95	chr8	N/A	7	73	63.07	76.71
DNAJB11	219.37	231.51	0.95	chr3	3q27.3	17	344	100.11	35.08

GCSH	163.45	172.51	0.95	chr16	16q23.2	33	560	88.90	76.61
CHID1	146.53	154.66	0.95	chr11	11p15.5	50	641	138.39	87.88
AAR2	103.02	108.74	0.95	chr20	20pter-q12	28	533	77.25	35.22
Hs.658272	32.77	34.59	0.95	chr17	N/A	1	304	0.00	37.57
ZNF557	16.37	17.28	0.95	chr19	19p13.2	27	775	101.78	77.00
ASMT	55.44	58.53	0.95	chrX	Xp22.3 or Yp1	86	2353	155.28	213.60
LPIN3	32.25	34.05	0.95	chr20	20q12	35	551	113.84	139.00
NEU1	101.38	107.05	0.95	chr6	6p21.3	30	577	73.26	71.15
Hs.732449	83.22	87.88	0.95	chr22	N/A	2	608	20.85	52.83
MAGEB3	9.30	9.82	0.95	chrX	Xp21.3	30	570	114.36	99.94
GPR1	29.75	31.42	0.95	chr2	2q33.3	33	565	126.35	252.88
UTP14A	44.08	46.56	0.95	chrX	Xq26.1	65	1548	96.55	92.06
RET	50.64	53.49	0.95	chr10	10q11.2	75	1706	222.02	161.65
GIMAP4	105.93	111.89	0.95	chr7	7q36.1	28	533	110.36	169.69
CRYBA2	10.07	10.63	0.95	chr2	2q35	24	464	90.19	183.98
Hs.665175	24.38	25.75	0.95	chr1	N/A	1	304	0.00	37.87
FAM9C	10.18	10.76	0.95	chrX	Xp22.2	40	388	271.37	135.22
GLMN	32.71	34.56	0.95	chr1	1p22.1	40	671	214.91	76.51
STMN1	77.29	81.67	0.95	chr1	1p36.11	59	1307	144.60	279.98
Hs.23681	9.42	9.95	0.95	chr9	N/A	11	377	80.90	81.52
SEPT9	315.51	333.43	0.95	chr17	17q25	48	1411	139.80	139.33
KIR2DL3	30.03	31.73	0.95	chr19	19q13.4	19	464	52.46	74.48
SNTG2	8.58	9.06	0.95	chr2	2p25.3	22	765	69.58	94.50
DMTN	103.14	109.01	0.95	chr8	8p21.1	27	548	112.39	110.85
JMJD4	34.82	36.80	0.95	chr1	1q42.13	30	1140	54.69	57.73
UCP3	34.25	36.20	0.95	chr11	11q13.4	66	1106	104.76	161.25
Hs.710631	36.12	38.18	0.95	chr19	N/A	7	73	89.75	54.21
SHMT2	99.60	105.27	0.95	chr12	12q12-q14	52	1513	130.15	155.78
Hs.602851	17.39	18.39	0.95	chr9	N/A	11	332	16.36	67.01
MRPL30	70.47	74.49	0.95	chr2	2q11.2	67	1875	104.21	82.23
BAALC	98.54	104.16	0.95	chr8	8q22.3	56	1011	191.79	273.69
HTR3C	12.96	13.70	0.95	chr3	3q27.1	14	344	70.72	71.08
Hs.616703	12.27	12.97	0.95	chr13	N/A	10	28	28.29	94.25
RNF157-AS1	13.64	14.42	0.95	chr17	N/A	8	377	113.96	154.73
Hs.604207	7.59	8.03	0.95	chr1	N/A	7	73	67.77	76.36
TRAFD1	57.86	61.18	0.95	chr12	12q	37	1604	97.54	79.17
Hs.693469	11.18	11.82	0.95	chr1	N/A	7	73	118.44	63.67
Hs.667287	52.53	55.56	0.95	chr3	N/A	7	73	43.64	100.12
LOC643355	13.01	13.76	0.95	chr1	1p13.2	21	414	58.35	62.85
INTS10	74.41	78.70	0.95	chr8	8p21.3	45	1566	83.26	111.13
Hs.662395	9.00	9.52	0.95	chr20	N/A	7	73	50.61	66.35
LOC151484	25.91	27.41	0.95	chr2	2q37.1	1	304	0.00	44.15
Hs.134628	7.28	7.71	0.95	chr10	N/A	3	66	29.24	65.76
Hs.562886	9.49	10.04	0.95	chr2	N/A	12	681	86.77	77.50
ZCCHC10	47.80	50.57	0.95	chr5	5q31.1	40	1216	99.10	70.01
ARID3A	32.11	33.98	0.95	chr19	19p13.3	33	598	100.92	86.85
CMTM8	85.61	90.61	0.94	chr3	3p22.3	19	396	113.57	144.62
Hs.709650	55.60	58.85	0.94	chr15	N/A	8	377	143.52	73.72
GAL3ST1	55.86	59.13	0.94	chr22	22q12.2	28	553	195.83	205.70
Hs.552359	14.91	15.79	0.94	chr12	N/A	10	73	139.67	138.99
Hs.606505	21.00	22.23	0.94	chr14	N/A	1	304	0.00	114.24
Hs.664992	16.89	17.88	0.94	chr4	N/A	1	304	0.00	57.54
PLEKHA1	151.51	160.40	0.94	chr10	10q26.13	49	943	68.83	65.04
C1orf122	248.18	262.74	0.94	chr1	1p34.3	29	424	40.57	68.82
GPR114	26.06	27.59	0.94	chr16	16q21	28	671	64.92	71.52
Hs.715966	128.25	135.78	0.94	chr5	N/A	5	51	32.87	106.31
Hs.667475	10.99	11.64	0.94	chr8	N/A	7	73	80.86	88.13
Hs.26766	38.38	40.64	0.94	chr14	N/A	11	332	39.68	85.51
RNF152	10.87	11.51	0.94	chr18	18q21.33	30	730	73.82	96.42
TNFRSF10C	23.36	24.73	0.94	chr8	8p22-p21	35	1590	70.70	123.52
Hs.20034	37.58	39.79	0.94	chr15	N/A	17	487	76.68	109.25
Hs.657987	28.15	29.81	0.94	chr5	N/A	1	304	0.00	97.94
Hs.71947	8.25	8.73	0.94	chr6	N/A	14	332	113.25	94.96
GTSFIL	116.27	123.11	0.94	chr20	20q13.12	26	765	324.59	303.00
Hs.547732	13.91	14.73	0.94	chr6	N/A	10	73	75.24	67.96
Hs.447814	12.76	13.52	0.94	chrX	N/A	12	891	65.28	93.21
Hs.666959	39.94	42.30	0.94	chr3	N/A	14	146	126.79	71.78
LAP3	262.31	277.81	0.94	chr4	4p15.32	28	538	117.38	87.30
Hs.660126	16.08	17.03	0.94	chr11	N/A	7	73	108.04	136.90
PKHD1L1	31.35	33.20	0.94	chr8	8q23	25	545	204.65	201.61
Hs.659855	23.71	25.11	0.94	chr11	N/A	3	66	97.40	63.30
C8orf56	21.21	22.47	0.94	chr8	8q22.3	14	332	52.77	92.95
TRIP11	41.26	43.71	0.94	chr14	14q31-q32	60	1776	103.39	95.32
Hs.505905	102.90	109.01	0.94	chr12	N/A	10	73	79.49	70.85
Hs.70821	8.30	8.79	0.94	chr15	N/A	8	377	76.51	99.62
Hs.734192	7.32	7.75	0.94	chr7	N/A	2	22	57.06	73.36
KIAA0247	221.46	234.66	0.94	chr14	14q24.1	37	645	118.64	99.01
Hs.518941	13.28	14.07	0.94	chr4	N/A	2	22	3.98	73.00
HEATR2	124.38	131.80	0.94	chr7	7p22.3	47	837	163.52	187.04
Hs.667182	12.65	13.41	0.94	chr3	N/A	2	16	56.25	18.04
Hs.649322	25.06	26.56	0.94	chr11	N/A	7	73	190.53	118.93
Hs.576762	17.47	18.51	0.94	chr10	N/A	5	22	76.53	70.40
PNPLA5	43.11	45.69	0.94	chr22	22q13.31	18	396	100.54	87.98
FKBP5	150.74	159.78	0.94	chr6	6p21.31	66	2344	170.48	192.03
Hs.603585	17.95	19.03	0.94	chr20	N/A	2	22	11.19	52.78
VPS29	178.32	189.03	0.94	chr12	12q24	43	755	75.50	111.16
LOC100996601	11.61	12.31	0.94	chr9	N/A	20	724	36.39	164.41
HACL1	85.34	90.47	0.94	chr3	3p25.1	26	469	56.91	77.60
SLC19A2	84.33	89.40	0.94	chr1	1q23.3	30	570	67.86	126.73
Hs.50802	46.70	49.51	0.94	chr7	N/A	14	146	157.16	105.55
FGFR1OP2	65.93	69.90	0.94	chr12	12p11.23	77	2686	250.88	118.43
FLJ46906	34.82	36.92	0.94	chr6	6q24.1	8	51	113.07	55.67
Hs.655403	6.05	6.42	0.94	chr12	N/A	7	659	45.65	145.78

POLR1D	175.54	186.13	0.94	chr13	13q12.2	70	1371	171.30	92.52
Hs.559846	12.67	13.43	0.94	chr10	N/A	1	304	0.00	78.21
FLJ21408	27.18	28.83	0.94	chr16	16p12.1	22	665	98.92	89.83
KIAA0368	65.53	69.50	0.94	chr9	9q31.3	58	1448	137.04	93.29
UBE2V2	135.00	143.19	0.94	chr8	8q11.21	37	681	165.06	100.18
Hs.661691	39.88	42.30	0.94	chr19	N/A	7	73	67.09	94.82
Hs.97129	12.88	13.66	0.94	chr5	N/A	1	304	0.00	108.99
Hs.308627	10.55	11.20	0.94	chr8	N/A	5	22	80.22	65.06
Hs.603762	15.94	16.91	0.94	chr11	N/A	7	73	75.62	87.39
Hs.545815	14.33	15.21	0.94	chr9	N/A	10	73	79.14	90.55
THNSL2	52.22	55.40	0.94	chr2	2p11.2	33	907	113.64	72.12
C7orf26	62.23	66.03	0.94	chr7	7p22.1	38	1373	106.43	85.40
TMEM43	125.11	132.75	0.94	chr3	3p25.1	37	1412	111.00	94.96
SLMO1	24.18	25.66	0.94	chr18	18p11.21	37	664	100.07	105.49
LOC100129175	19.00	20.17	0.94	chr2	2q35	1	304	0.00	45.67
Hs.69658	8.40	8.91	0.94	chr4	N/A	7	73	86.68	104.10
CD1D	26.89	28.53	0.94	chr1	1q22-q23	43	601	139.71	112.90
Hs.646898	6.37	6.76	0.94	chr4	N/A	1	305	0.00	54.65
Hs.595385	18.09	19.20	0.94	chr5	N/A	8	377	136.12	50.19
HINT2	226.71	240.62	0.94	chr9	9p13.3	26	469	126.06	76.49
BEND3	52.84	56.08	0.94	chr6	6q21	38	582	246.31	105.42
ABHD12B	8.34	8.85	0.94	chr14	14q22.1	31	709	83.92	207.32
PAPOLB	9.47	10.05	0.94	chr7	7p22.1	22	757	47.86	162.19
CCNJ	23.64	25.09	0.94	chr10	10q23.33	40	1280	132.14	81.81
TTC30B	14.75	15.66	0.94	chr2	2q31.2	18	648	33.64	92.96
Hs.568460	6.57	6.97	0.94	chr1	N/A	7	73	46.12	61.41
UBE2H	113.70	120.71	0.94	chr7	7q32	81	2848	194.52	119.34
CRYBB1	14.43	15.32	0.94	chr22	22q12.1	30	565	176.81	90.52
C6orf57	34.97	37.13	0.94	chr6	6q13	26	469	93.87	61.06
DPYSL2	536.12	569.25	0.94	chr8	8p22-p21	50	633	219.77	138.73
Hs.655717	65.61	69.66	0.94	chr17	N/A	18	405	133.60	85.45
CNGB1	13.51	14.34	0.94	chr16	16q13	52	1472	87.94	93.99
PIK3CG	13.39	14.22	0.94	chr7	7q22.3	43	1005	87.17	151.31
Hs.386102	12.71	13.50	0.94	chr7	N/A	6	66	78.89	80.64
ZNF595	36.01	38.24	0.94	chr4	4p16.3	36	501	141.49	127.52
MIS18A	46.66	49.56	0.94	chr21	21q22.11	50	1246	132.92	110.56
PRAM1	35.70	37.92	0.94	chr19	19p13.2	19	384	59.94	236.16
CPLX2	35.46	37.66	0.94	chr5	5q35.2	49	961	162.65	303.97
PHKG2	42.44	45.08	0.94	chr16	16p11.2	55	1353	128.00	191.18
Hs.667007	10.56	11.22	0.94	chr10	N/A	3	326	36.75	115.55
Hs.602977	12.06	12.82	0.94	chr4	N/A	7	73	72.23	80.02
Hs.597730	69.02	73.33	0.94	chr17	N/A	7	73	40.36	43.30
SOST	13.23	14.06	0.94	chr17	17q11.2	22	385	75.09	374.62
Hs.408973	6.68	7.09	0.94	chr2	N/A	5	420	38.11	87.45
TNFRSF25	49.96	53.08	0.94	chr1	1p36.2	81	2946	144.46	96.54
USP7	171.79	182.55	0.94	chr16	16p13.3	52	1463	109.84	72.25
Hs.720742	45.77	48.64	0.94	chr20	N/A	2	608	0.13	57.75
ZNF80	11.61	12.34	0.94	chr3	3q13.3	24	798	81.62	114.32
SNX8	39.03	41.49	0.94	chr7	7p22.3	56	1160	104.27	88.51
Hs.636709	8.47	9.01	0.94	chr1	N/A	1	311	0.00	71.78
LOC101060027	56.40	59.97	0.94	chr21	N/A	1	304	0.00	37.82
SLC15A3	66.16	70.34	0.94	chr11	11q12.2	26	513	104.82	82.91
ABCF3	82.48	87.71	0.94	chr3	3q27.1	37	642	63.21	77.05
Hs.535227	12.65	13.45	0.94	chr1	N/A	21	406	232.07	159.18
NEDD9	72.76	77.39	0.94	chr6	6p25-p24	56	1447	116.84	93.74
ETV3	22.54	23.98	0.94	chr1	1q21-q23	45	1095	104.19	88.02
Hs.148256	9.03	9.61	0.94	chr6	N/A	3	326	39.62	62.73
Hs.664908	10.63	11.31	0.94	chr21	N/A	2	22	6.31	57.69
Hs.659154	16.91	17.99	0.94	chr4	N/A	7	73	55.14	65.13
TRAPPC2	37.92	40.34	0.94	chrX	Xp22	68	1946	102.63	90.89
PRPSAP1	154.31	164.17	0.94	chr17	17q24-q25	31	881	76.63	85.52
RRP7B	40.01	42.58	0.94	chr22	22q13.2	50	685	104.62	75.20
SCGB1D1	10.70	11.38	0.94	chr11	11q13	23	492	86.29	154.08
LINGO4	38.09	40.55	0.94	chr1	1q21.3	18	80	69.16	58.31
LINS4	34.74	36.98	0.94	chr4	4q21.22	30	531	179.40	167.21
Hs.147851	8.31	8.85	0.94	chr4	N/A	7	73	64.13	122.80
GNL1	56.51	60.15	0.94	chr6	6p21.3	61	1998	112.95	186.45
Hs.659597	18.38	19.56	0.94	chr13	N/A	8	377	45.61	69.76
Hs.603465	10.51	11.18	0.94	chr6	N/A	7	73	82.55	79.96
PROCR	58.65	62.43	0.94	chr20	20q11.2	30	577	56.74	108.59
PLD1	29.19	31.07	0.94	chr3	3q26	74	2574	91.09	96.80
Hs.150147	20.62	21.95	0.94	chr15	N/A	4	304	40.00	39.96
Hs.708526	156.85	166.98	0.94	chr14	N/A	1	304	0.00	160.85
Hs.655597	16.45	17.51	0.94	chr3	N/A	7	73	88.32	78.99
ZNF493	53.67	57.14	0.94	chr19	19p12	77	1516	115.91	88.39
FDX1	92.36	98.33	0.94	chr11	11q22	50	1447	79.03	221.05
FLJ42351	31.80	33.86	0.94	chr2	2q13	4	370	52.11	78.54
NOSIP	132.17	140.74	0.94	chr19	19q13.33	38	549	103.20	99.72
LOC100506629	10.02	10.67	0.94	chr17	N/A	1	304	0.00	55.25
THPO	13.88	14.78	0.94	chr3	3q27	52	1474	126.00	122.84
Hs.718522	305.80	325.65	0.94	chr6	N/A	14	146	89.52	121.06
Hs.665649	17.23	18.34	0.94	chr11	N/A	1	304	0.00	67.49
RWDD2B	67.82	72.23	0.94	chr21	21q22.11	43	988	100.53	87.56
Hs.131205	11.14	11.87	0.94	chr10	N/A	7	73	78.09	77.62
Hs.655276	22.95	24.44	0.94	chr9	N/A	8	377	47.64	67.74
DNAL4	46.47	49.50	0.94	chr22	22q13.1	37	650	142.89	70.52
ZNF197	25.15	26.79	0.94	chr3	3p21	57	997	89.46	85.66
Hs.569138	9.49	10.11	0.94	chr12	N/A	11	332	204.84	61.67
Hs.122051	13.74	14.64	0.94	chr2	N/A	10	73	100.17	164.89
Hs.602296	8.88	9.46	0.94	chr22	N/A	2	22	41.47	94.62
ALAS1	159.05	169.46	0.94	chr3	3p21.1	46	605	108.93	268.54
Hs.669850	17.91	19.09	0.94	chr14	N/A	1	304	0.00	66.42
FAM120AOS	71.48	76.16	0.94	chr9	9q22.31	37	1345	71.60	86.67

KRT25	30.83	32.85	0.94	chr17	17q21.2	24	406	137.65	190.12
CUTC	103.50	110.31	0.94	chr10	10q24.2	28	533	58.39	125.37
Hs.637933	87.33	93.07	0.94	chr7	N/A	10	28	31.31	25.87
LOC100507516	16.27	17.35	0.94	chr8	N/A	8	377	90.72	102.88
Hs.318398	11.83	12.61	0.94	chrX	N/A	3	66	73.52	96.92
KCNJ12	35.08	37.41	0.94	chr17	17p11.2	38	1260	98.02	158.03
DMWD	110.43	117.74	0.94	chr19	19q13.3	40	1376	112.25	107.54
Hs.630407	5.00	5.34	0.94	chr4	N/A	10	28	85.29	56.31
GRIN1	29.01	30.94	0.94	chr9	9q34.3	78	2344	107.48	170.36
Hs.47068	42.72	45.56	0.94	chr2	N/A	8	377	128.72	121.83
ICAM4	19.96	21.29	0.94	chr19	19p13.2-ceen	29	503	64.52	99.56
GAS7	131.16	139.90	0.94	chr17	17p13.1	69	2296	229.68	172.57
ANKRD39	34.26	36.55	0.94	chr2	2q11.2	30	542	149.81	59.79
TMEM171	35.56	37.93	0.94	chr5	5q13.2	20	697	132.82	147.55
CRHBP	58.80	62.72	0.94	chr5	5q11.2-q13.3	47	715	191.43	200.72
TEX13A	13.66	14.57	0.94	chrX	Xq22.3	29	832	109.71	81.05
CMSS1	85.34	91.04	0.94	chr3	3q12.1	36	541	86.18	88.79
Hs.532104	33.43	35.66	0.94	chr5	N/A	1	313	0.00	35.77
Hs.656386	9.03	9.64	0.94	chr1	N/A	8	377	90.09	102.87
NAB2	44.17	47.14	0.94	chr12	12q13.3	59	1166	105.62	85.36
LAG3	20.17	21.52	0.94	chr12	12p13.32	23	492	90.56	101.38
UBE3D	15.41	16.44	0.94	chr6	6q14.1	47	1255	86.34	93.64
SCMH1	88.56	94.50	0.94	chr1	1p34	30	465	110.12	42.90
Hs.439074	14.84	15.84	0.94	chr6	N/A	8	377	107.56	63.23
Hs.735799	16.88	18.02	0.94	chr1	N/A	2	608	93.93	70.02
Hs.606910	6.86	7.32	0.94	chr11	N/A	1	304	0.00	76.49
PHF21A	54.72	58.40	0.94	chr11	11p11.2	86	1895	121.11	69.81
Hs.570810	8.85	9.45	0.94	chr4	N/A	5	22	59.15	57.84
ACVR1	102.39	109.28	0.94	chr2	2q23-q24	37	650	123.09	74.14
GTPBP2	82.19	87.72	0.94	chr6	6p21	38	870	132.68	131.56
Hs.561445	21.15	22.57	0.94	chr5	N/A	1	304	0.00	38.55
Hs.255491	36.89	39.38	0.94	chr3	N/A	1	304	0.00	63.47
ZNF573	52.26	55.79	0.94	chr19	19q13.12	22	774	86.58	82.29
HIST1H2BN	14.46	15.43	0.94	chr6	6p22.1	32	567	96.15	130.16
STXBP4	9.74	10.40	0.94	chr17	17q22	26	969	76.00	90.81
ZBTB20	241.09	257.39	0.94	chr3	3q13.2	59	1752	462.13	121.80
LINC00845	8.59	9.18	0.94	chr10	N/A	15	450	75.05	75.31
Hs.568218	31.53	33.66	0.94	chr17	N/A	3	66	88.85	66.52
SLC52A2	71.56	76.41	0.94	chr8	8q24.3	26	880	81.11	63.07
C3orf17	77.30	82.54	0.94	chr3	3q13.2	49	896	155.91	102.15
ANXA6	216.15	230.81	0.94	chr5	5q33.1	32	859	98.61	121.08
CA8	20.65	22.05	0.94	chr8	8q12.1	58	1069	85.19	190.83
Hs.655016	12.21	13.03	0.94	chr2	N/A	9	498	80.78	84.14
PCTP	85.14	90.93	0.94	chr17	17q21-q24	30	590	97.53	110.07
PEA15	524.21	559.91	0.94	chr1	1q21.1	64	1234	147.46	160.42
PRSS12	21.20	22.65	0.94	chr4	4q28.1	61	1204	231.43	109.83
TCHH	18.15	19.39	0.94	chr1	1q21.3	27	563	74.51	267.88
Hs.132276	8.93	9.54	0.94	chr1	N/A	12	681	76.59	121.32
ST8SIA1	14.70	15.70	0.94	chr12	12p12.1-p11.2	34	877	82.34	101.02
Hs.732525	9.89	10.57	0.94	chr20	N/A	2	608	80.71	86.51
LOC100131582	61.97	66.21	0.94	chr16	16p13.3	2	16	73.13	36.06
RASSF9	19.21	20.53	0.94	chr12	12q21.31	28	548	65.27	61.74
MZT1	42.23	45.13	0.94	chr13	13q22.1	36	801	68.12	89.92
PTGIR	43.08	46.03	0.94	chr19	19q13.3	38	920	74.26	106.89
METTL10	29.19	31.19	0.94	chr10	10q26.13	36	898	67.43	86.93
BTBD2	67.62	72.26	0.94	chr19	19p13.3	31	666	172.29	102.62
Hs.602804	10.45	11.17	0.94	chr15	N/A	2	22	6.93	68.08
GTF2IRD2	49.19	52.58	0.94	chr7	7q11.23	71	1230	105.46	77.29
Hs.677188	13.58	14.51	0.94	chr4	N/A	2	608	31.78	83.72
SOX2	48.92	52.29	0.94	chr3	3q26.3-q27	57	1510	218.84	162.48
ENAM	17.10	18.28	0.94	chr4	4q13.3	19	385	87.77	94.77
CD97	103.18	110.31	0.94	chr19	19p13	53	678	81.86	126.44
C11orf31	224.95	240.53	0.94	chr11	11q12.1	34	1988	82.82	101.41
DHX9	62.29	66.60	0.94	chr1	1q25	84	2354	112.36	106.26
EWSR1	108.07	115.57	0.94	chr22	22q12.2	118	2523	198.39	104.06
DHRS3	222.71	238.17	0.94	chr1	1p36.1	37	650	95.16	99.19
KIAA1462	39.56	42.31	0.94	chr10	10p11.23	58	1460	108.59	118.93
TBX3	65.24	69.76	0.94	chr12	12q24.1	61	2539	344.34	210.87
C1orf123	130.98	140.07	0.94	chr1	1p32.3	40	600	89.10	66.17
Hs.661068	439.17	469.75	0.93	chr20	N/A	7	73	54.93	60.09
JAKMIP2	25.76	27.55	0.93	chr5	5q32	55	1090	308.56	107.73
TIMM9	100.53	107.55	0.93	chr14	14q21	29	582	51.65	54.65
Hs.555514	14.60	15.61	0.93	chr14	N/A	10	73	41.47	57.56
Hs.136443	27.95	29.90	0.93	chr10	N/A	10	73	35.58	59.57
Hs.707535	295.63	316.29	0.93	chr1	N/A	7	73	70.84	60.64
Hs.21435	7.29	7.80	0.93	chr2	N/A	9	355	53.07	152.93
MGC34800	12.46	13.34	0.93	chr16	16p11.2	14	332	29.87	69.77
TAS2R16	20.85	22.31	0.93	chr7	7q31	21	453	75.11	72.43
SPR	103.16	110.41	0.93	chr2	2p14-p12	28	555	66.75	63.66
OK/SW-CL.58	14.65	15.68	0.93	chr13	13q12.3	11	332	43.79	45.53
Hs.569173	7.24	7.74	0.93	chr12	N/A	7	73	58.08	78.87
TMEM109	208.87	223.56	0.93	chr11	11q12.2	42	647	91.19	59.33
Hs.444348	14.21	15.21	0.93	chr10	N/A	4	304	46.32	51.13
LOC643837	33.72	36.10	0.93	chr1	1p36.33	77	2244	87.79	126.50
Hs.128556	6.72	7.20	0.93	chr4	N/A	6	355	98.93	106.05
RPL39L	74.59	79.86	0.93	chr3	3q27	26	511	125.36	332.89
C12orf63	4.52	4.84	0.93	chr12	12q23.1	16	28	60.21	44.24
Hs.594114	26.59	28.48	0.93	chr2	N/A	3	66	78.93	78.65
LPPR5	9.81	10.51	0.93	chr1	1p21.3	20	692	198.58	120.40
LINC00445	16.47	17.63	0.93	chr13	N/A	1	304	0.00	63.42
Hs.714413	249.24	266.92	0.93	chr1	N/A	1	304	0.00	40.36
TP53TG3D	31.77	34.03	0.93	chr16	16p11.2	7	73	49.72	90.40
Hs.666362	12.92	13.84	0.93	chr6	N/A	7	73	71.62	94.38

Hs.670518	57.28	61.34	0.93	chr5	N/A	1	304	0.00	44.50
TPCN1	109.07	116.82	0.93	chr12	12q24.13	50	1144	115.91	95.54
IFT27	51.11	54.73	0.93	chr22	22q13.1	43	1445	80.88	81.62
IWS1	87.93	94.17	0.93	chr2	2q14.3	23	700	100.35	86.94
CXorf48	15.26	16.35	0.93	chrX	Xq26.3	27	450	71.17	60.86
DCTN3	247.10	264.72	0.93	chr9	9p13	51	623	91.00	52.19
Hs.669878	30.48	32.65	0.93	chr5	N/A	1	304	0.00	70.68
ACOT12	22.83	24.45	0.93	chr5	5q14.1	33	534	113.39	209.02
WAPAL	71.50	76.60	0.93	chr10	10q23.2	58	1805	108.32	102.09
GABRA6	6.74	7.22	0.93	chr5	5q34	23	480	58.04	70.97
EFHC2	26.26	28.13	0.93	chrX	Xp11.3	56	1006	105.85	211.42
SHROOM3	55.61	59.59	0.93	chr4	4q21.1	36	1102	119.84	122.29
ORS11	22.99	24.63	0.93	chr11	11q11	23	492	82.50	147.73
KIRREL2	15.45	16.56	0.93	chr19	19q13.12	35	420	104.82	77.30
Hs.444855	29.36	31.47	0.93	chr2	N/A	4	304	41.46	62.53
Hs.143004	21.98	23.56	0.93	chr3	N/A	15	50	61.06	77.66
FBRS	68.16	73.08	0.93	chr16	16p11.2	30	902	124.13	193.67
PIGK	42.42	45.48	0.93	chr1	1p31.1	44	1256	72.69	83.91
POLR3B	35.05	37.58	0.93	chr12	12q23.3	44	1273	104.18	109.87
FBXL13	18.32	19.64	0.93	chr7	7q22.1	20	691	73.33	134.24
Hs.554024	17.78	19.07	0.93	chr1	N/A	1	304	0.00	47.78
Hs.703167	157.24	168.62	0.93	chr19	N/A	14	146	65.67	82.00
SLC7A6OS	47.06	50.47	0.93	chr16	16q22.1	21	400	40.90	49.78
RAB6A	140.59	150.78	0.93	chr11	11q13.3	110	2590	384.05	132.83
LEUTX	5.97	6.40	0.93	chr19	19q13.2	2	16	11.00	24.59
Hs.537864	9.34	10.02	0.93	chr1	N/A	5	22	44.54	56.49
MYCNOS	14.45	15.49	0.93	chr2	2p24.1	41	1052	160.19	86.52
WDR46	33.31	35.73	0.93	chr6	6p21.3	30	576	159.07	79.15
Hs.634639	15.72	16.86	0.93	chr20	N/A	7	95	72.88	79.54
Hs.638027	33.51	35.95	0.93	chr14	N/A	10	28	45.48	54.28
FAM189A1	21.53	23.10	0.93	chr15	15q13.1	27	566	89.22	99.40
UTP15	27.37	29.36	0.93	chr5	5q13.2	45	914	95.51	93.40
Hs.602238	4.73	5.08	0.93	chr2	N/A	2	608	17.07	85.30
THAP9-AS1	102.02	109.45	0.93	chr4	N/A	7	73	82.68	98.56
AZ12	51.63	55.40	0.93	chr3	3p24.1	81	2181	88.98	94.68
VTA1	94.06	100.93	0.93	chr6	6q24.1	67	1348	97.26	68.09
CCDC92	247.82	265.92	0.93	chr12	12q24.31	28	533	113.51	98.08
Hs.444684	6.01	6.45	0.93	chr10	N/A	4	304	61.65	75.85
Hs.545622	6.48	6.95	0.93	chr9	N/A	1	304	0.00	77.99
GPR182	30.84	33.09	0.93	chr12	12q13.3	31	873	109.12	75.62
TTC27	53.52	57.43	0.93	chr2	2p22.3	32	902	63.97	46.92
LINC00610	9.98	10.71	0.93	chr11	11p13	14	377	93.15	61.56
KRTAP3-2	20.47	21.97	0.93	chr17	17q12-q21	25	384	78.38	107.90
LOC391322	84.55	90.76	0.93	chr22	22q11.23	5	39	116.94	76.21
ZNF226	33.13	35.56	0.93	chr19	19q13.2	63	1674	116.47	100.04
COMMD4	77.41	83.09	0.93	chr15	15q24.2	63	1480	90.12	74.68
LRRC19	13.86	14.88	0.93	chr9	9p21.2	35	587	114.07	147.04
Hs.195929	11.78	12.65	0.93	chr1	N/A	1	304	0.00	70.31
SNX30	42.12	45.23	0.93	chr9	9q32	6	356	93.71	75.77
C7orf60	48.12	51.67	0.93	chr7	7q31.1	36	486	202.73	64.65
Hs.657784	65.07	69.88	0.93	chr2	N/A	1	304	0.00	51.51
KLRC2	18.20	19.54	0.93	chr12	12p13	44	591	111.28	120.03
SCN1B	64.58	69.36	0.93	chr19	19q13.1	33	574	102.72	107.87
Hs.147903	11.78	12.65	0.93	chr8	N/A	6	66	43.49	103.12
ZSWIM7	65.88	70.78	0.93	chr17	17p12	26	794	52.06	49.78
Hs.663946	15.09	16.22	0.93	chr12	N/A	7	73	68.81	177.13
MAPK8IP3	46.68	50.15	0.93	chr16	16p13.3	74	2609	148.12	142.98
PRAC	59.73	64.17	0.93	chr17	17q21	40	514	163.17	327.21
Hs.668381	14.30	15.36	0.93	chr4	N/A	7	73	63.37	53.91
Hs.406810	32.55	34.97	0.93	chr17	N/A	2	608	89.51	72.94
LOC100287221	6.80	7.31	0.93	chr16	16q24.2	14	399	74.83	62.40
PTPRG	33.28	35.76	0.93	chr3	3p21-p14	52	1266	95.59	80.20
CCNE1	30.43	32.70	0.93	chr19	19q12	42	903	69.61	91.57
Hs.634716	64.03	68.81	0.93	chr22	N/A	3	66	55.83	130.84
Hs.560364	10.75	11.56	0.93	chr15	N/A	1	305	0.00	89.53
ABCA4	16.23	17.45	0.93	chr1	1p22	31	869	106.19	77.19
Hs.633641	12.19	13.10	0.93	chr7	N/A	2	22	92.75	55.05
Hs.484969	25.75	27.68	0.93	chr6	N/A	7	73	202.54	66.70
CCDC85A	25.13	27.02	0.93	chr2	2p16.1	42	1241	125.00	101.27
Hs.445910	10.36	11.14	0.93	chr5	N/A	7	73	66.99	80.45
PVR	42.86	46.08	0.93	chr19	19q13.2	85	3016	187.32	112.18
LOC728084	15.67	16.84	0.93	chr12	12q21.33	10	370	108.95	50.74
Hs.572795	8.43	9.06	0.93	chr2	N/A	4	304	79.06	77.89
Hs.708162	147.18	158.26	0.93	chr6	N/A	7	73	99.41	62.55
Hs.594321	226.44	243.55	0.93	chr4	N/A	5	420	146.09	98.21
PCBD2	42.15	45.34	0.93	chr5	5q31.1	32	1081	67.42	57.79
ALG10B	22.22	23.90	0.93	chr12	12q12	45	1130	197.16	129.39
CAMK2A	37.34	40.17	0.93	chr5	5q32	42	1059	108.64	160.80
Hs.728241	52.98	57.00	0.93	chr8	N/A	17	101	346.13	56.61
Hs.147340	8.09	8.70	0.93	chr18	N/A	3	326	31.14	59.67
AKAP8L	40.29	43.35	0.93	chr19	19p13.12	61	2148	93.53	78.47
Hs.593732	5.78	6.22	0.93	chr5	N/A	1	306	0.00	109.51
PPP6C	130.97	140.92	0.93	chr9	9q33.3	63	1794	139.80	73.08
TMC7	16.96	18.25	0.93	chr16	16p12.3	27	870	126.76	114.61
Hs.502585	21.80	23.46	0.93	chr11	N/A	5	51	37.99	67.28
DSEL	26.90	28.95	0.93	chr18	18q22.1	61	1305	214.86	158.88
ZNF429	66.78	71.87	0.93	chr19	19p13.1	34	193	101.93	74.52
UBR5	83.72	90.11	0.93	chr8	8q22	76	2002	241.05	115.62
ART1	30.88	33.24	0.93	chr11	11p15	25	1102	156.41	82.08
WDR83	44.24	47.63	0.93	chr19	19p13.2	19	396	58.60	53.48
F8	111.47	120.00	0.93	chrX	Xq28	59	678	138.75	119.36
Hs.421532	13.27	14.29	0.93	chr6	N/A	10	78	90.67	76.74
Hs.660901	12.22	13.15	0.93	chr2	N/A	7	73	78.64	99.03

RPL18	791.38	852.03	0.93	chr19	19q13	53	1457	141.26	141.85
Hs.530359	71.17	76.62	0.93	chrX	N/A	8	377	61.29	78.29
C1orf227	15.40	16.58	0.93	chr1	1q32.3	6	326	50.42	86.69
Hs.600638	39.85	42.91	0.93	chr8	N/A	1	304	0.00	43.02
Hs.386215	18.10	19.49	0.93	chr10	N/A	1	304	0.00	51.51
INHBA	28.64	30.84	0.93	chr7	7p15-p13	49	1158	129.29	215.00
LOC151009	46.87	50.47	0.93	chr2	2q13	29	430	128.44	112.98
Hs.137053	7.34	7.90	0.93	chr1	N/A	10	73	54.10	106.56
C9orf53	12.64	13.61	0.93	chr9	9p21.3	18	453	50.58	92.15
DLC1	71.68	77.20	0.93	chr8	8p22	102	2446	108.84	146.29
TIGD6	11.10	11.96	0.93	chr5	5q32	33	534	96.21	105.12
GAB1	46.69	50.28	0.93	chr4	4q31.21	134	3223	135.73	118.02
Hs.147559	17.44	18.79	0.93	chr15	N/A	2	22	15.06	99.50
ZEB1-AS1	30.57	32.92	0.93	chr10	10p11.22	11	377	81.19	64.68
DNAJC4	48.81	52.58	0.93	chr11	11q13	90	2780	97.47	98.37
Hs.572735	13.23	14.25	0.93	chr2	N/A	6	66	58.77	93.53
KBTBD11	71.23	76.73	0.93	chr8	8p23.3	30	572	80.66	148.45
TAAR3	9.66	10.40	0.93	chr6	6q23-q24	8	425	80.13	64.54
Hs.474905	3.05	3.29	0.93	chr22	N/A	8	12	36.87	42.85
Hs.726818	12.37	13.33	0.93	chr5	N/A	11	332	47.95	79.25
Hs.560297	20.37	21.95	0.93	chr14	N/A	7	73	107.13	140.66
Hs.713765	329.82	355.43	0.93	chr2	N/A	7	73	106.70	102.91
FERMT2	154.58	166.59	0.93	chr14	14q22.1	47	1485	108.92	121.21
Hs.196073	8.38	9.03	0.93	chr3	N/A	4	304	40.32	78.62
ZNF213	54.18	58.40	0.93	chr16	16p13.3	27	513	81.59	57.93
CNPPD1	104.18	112.31	0.93	chr2	2q35	35	997	100.95	82.21
TMPO-AS1	15.55	16.76	0.93	chr12	12q23.1	8	377	67.00	142.43
XKRY2	4.21	4.53	0.93	chrY	Yq11.221	10	28	64.86	63.50
MYL6	1,084.51	1,169.21	0.93	chr12	12q13.2	48	1025	79.33	116.83
EMILIN3	56.70	61.13	0.93	chr20	20q12	26	469	91.60	75.51
MAFK	74.12	79.92	0.93	chr7	7p22.3	41	897	116.71	112.20
RASAL2	51.16	55.16	0.93	chr1	1q24	64	2316	134.25	122.08
PARK7	1,039.94	1,121.30	0.93	chr1	1p36.23	28	555	50.02	51.82
Hs.543310	19.89	21.45	0.93	chr4	N/A	7	73	95.62	117.86
CCDC174	52.49	56.60	0.93	chr3	3p25.1	42	1209	130.22	95.37
Hs.99405	56.47	60.90	0.93	chr2	N/A	8	377	58.38	89.21
THUMPD3	89.11	96.09	0.93	chr3	3p25.3	43	1537	123.70	110.44
CDK2	39.46	42.56	0.93	chr12	12q13	63	1592	130.81	98.99
STGC3	26.13	28.19	0.93	chr3	3p21	21	405	107.64	79.56
ISY1	57.00	61.49	0.93	chr3	3q21.3	53	2029	90.51	59.61
GRN	373.31	402.80	0.93	chr17	17q21.32	49	1457	79.93	125.26
LYPD6	27.38	29.55	0.93	chr2	2q23.2	40	1163	265.19	172.15
SORCS1	44.32	47.82	0.93	chr10	10q23-q25	33	765	95.27	199.84
Hs.723596	67.25	72.57	0.93	chr7	N/A	7	73	105.32	67.81
TCERG1L	24.38	26.32	0.93	chr10	10q26.3	41	553	233.85	118.50
Hs.584739	35.20	38.00	0.93	chr10	N/A	1	304	0.00	37.46
ARHGAP42	16.76	18.09	0.93	chr11	11q22.1	48	1354	79.12	110.57
Hs.569114	8.52	9.20	0.93	chr12	N/A	13	139	55.77	94.40
EGLN1	75.43	81.44	0.93	chr1	1q42.1	36	1419	123.38	150.66
FLJ37453	38.23	41.28	0.93	chr1	1p36.21	33	1042	55.30	106.62
Hs.661037	15.10	16.31	0.93	chr6	N/A	1	304	0.00	56.80
ZFY	11.97	12.93	0.93	chrY	Yp11.3	47	1295	89.32	116.63
L3MBTL4	33.09	35.73	0.93	chr18	18p11.31	68	1039	333.21	135.06
CCDC47	149.88	161.86	0.93	chr17	17q23.3	70	1124	60.24	61.92
TRPV2	39.76	42.95	0.93	chr17	17p11.2	36	914	83.52	99.72
LOC100130642	9.57	10.34	0.93	chr2	2p21	7	370	101.71	165.24
MTIF2	119.31	128.87	0.93	chr2	2p16.1	48	660	89.12	112.90
Hs.668269	54.95	59.37	0.93	chr13	N/A	7	73	51.69	63.34
KPNA1	60.02	64.84	0.93	chr3	3q21	83	2992	122.76	67.97
NOLC1	126.69	136.88	0.93	chr10	10q24.32	60	1485	191.08	110.04
NUMB	46.45	50.19	0.93	chr14	14q24.3	64	1770	147.38	83.61
ZNF148	111.34	120.30	0.93	chr3	3q21	103	3136	161.75	136.36
FZD7	95.49	103.17	0.93	chr2	2q33	45	1071	132.43	106.01
Hs.662702	12.45	13.45	0.93	chr9	N/A	7	73	43.20	68.02
EME2	43.99	47.53	0.93	chr16	16p13.3	19	952	150.40	55.78
ZC4H2	43.52	47.02	0.93	chrX	Xq11.2	40	1164	85.39	130.99
PAIP2	262.36	283.54	0.93	chr5	5q31.2	32	1025	90.76	86.92
FMR1NB	10.49	11.34	0.93	chrX	Xq28	24	410	182.26	320.84
Hs.576875	174.73	188.86	0.93	chr10	N/A	8	51	26.12	55.60
FCHSD2	70.57	76.28	0.93	chr11	11q13.4	61	1145	136.48	109.86
PHF6	70.70	76.43	0.93	chrX	Xq26.3	47	903	276.57	132.03
RPRML	19.74	21.35	0.92	chr17	17q21.32	17	339	80.08	284.85
MSS51	29.24	31.62	0.92	chr10	10q22.2	26	457	90.81	205.11
Hs.125442	10.14	10.97	0.92	chr11	N/A	10	73	66.65	84.18
MACROD2-AS1	12.80	13.84	0.92	chr20	20p12.1	8	377	51.42	132.17
CDK5R1	25.08	27.13	0.92	chr17	17q11.2	42	1071	133.42	137.11
Hs.673626	6.88	7.45	0.92	chr15	N/A	12	636	32.89	65.87
Hs.438823	33.34	36.07	0.92	chr7	N/A	5	420	63.22	51.07
AIDA	116.48	126.00	0.92	chr1	1q41	45	634	147.91	146.18
GIGYF1	70.92	76.71	0.92	chr7	7q22	36	1046	146.38	122.15
PTPRR	15.53	16.80	0.92	chr12	12q15	40	1029	100.27	86.61
Hs.667700	38.57	41.73	0.92	chr7	N/A	1	304	0.00	42.12
Hs.135282	12.06	13.05	0.92	chr15	N/A	20	101	116.34	78.54
RAPGEF1	45.08	48.78	0.92	chr9	9q34.3	76	1493	178.24	104.25
POLR2D	44.91	48.60	0.92	chr2	2q21	60	1101	117.39	107.02
CTR9	147.06	159.14	0.92	chr11	11p15.3	40	645	144.08	83.26
LINC00703	11.62	12.57	0.92	chr10	N/A	1	306	0.00	47.59
Hs.720948	11.59	12.55	0.92	chr4	N/A	4	304	30.62	56.34
C2orf47	80.52	87.14	0.92	chr2	2q33.1	33	584	119.61	57.22
Hs.183041	8.54	9.24	0.92	chr1	N/A	20	101	76.39	68.57
SLAMF9	23.81	25.77	0.92	chr1	1q23.2	23	761	77.47	79.04
Hs.657829	120.42	130.33	0.92	chr20	N/A	16	802	160.42	92.58
DERL1	106.54	115.31	0.92	chr8	8q24.13	65	1690	91.12	91.95

VWASB2	24.68	26.71	0.92	chr3	3q27.1	12	638	38.22	102.64
VEZF1	132.82	143.78	0.92	chr17	17q22	76	1670	123.32	61.54
LOC100505786	30.46	32.98	0.92	chr3	N/A	1	304	0.00	60.13
ATG2A	98.45	106.58	0.92	chr11	11q13.1	36	757	144.37	91.25
Hs.657070	128.83	139.46	0.92	chr6	N/A	14	146	56.09	47.82
Hs.130432	7.79	8.43	0.92	chr10	N/A	17	146	48.67	85.35
FSCN2	11.02	11.93	0.92	chr17	17q25	42	694	73.80	113.88
MAT2B	201.23	217.90	0.92	chr5	5q34-q35	56	1016	107.46	91.14
PRKCE	34.73	37.61	0.92	chr2	2p21	64	1752	107.24	131.20
ZBTB7C	7.49	8.11	0.92	chr18	18q21.1	15	448	53.66	88.26
Hs.721359	10.33	11.19	0.92	chr4	N/A	1	304	0.00	50.63
NGDN	68.31	73.98	0.92	chr14	14q11.2	40	1031	86.08	87.29
LOC100506496	7.67	8.31	0.92	chr6	N/A	1	304	0.00	82.68
TPP1	146.15	158.31	0.92	chr11	11p15	38	1764	112.93	90.18
POLDIP3	78.59	85.13	0.92	chr22	22q13.2	62	1966	129.83	127.19
TRUB2	84.10	91.10	0.92	chr9	9q34.11	24	427	50.37	49.40
PEX14	52.51	56.88	0.92	chr1	1p36.22	65	1538	108.59	86.37
Hs.657627	19.49	21.11	0.92	chr7	N/A	1	304	0.00	72.03
TAB1	35.09	38.01	0.92	chr22	22q13.1	35	571	96.21	56.40
Hs.614567	22.63	24.52	0.92	chr9	N/A	1	304	0.00	52.76
APBP2	59.75	64.74	0.92	chr17	17q23.2	71	1585	173.73	135.99
ANKRD13C	31.10	33.69	0.92	chr1	1p32.3-p31.3	36	1463	120.43	90.08
UR11	78.01	84.52	0.92	chr19	19q12	50	1490	147.78	97.29
GFPT2	68.41	74.13	0.92	chr5	5q34-q35	30	577	84.19	95.12
TUBGCP2	64.46	69.85	0.92	chr10	10q26.3	45	1456	93.29	84.93
Hs.659376	22.91	24.83	0.92	chr5	N/A	7	73	76.44	58.59
C21orf19	35.84	38.84	0.92	chr21	21q22.11	36	497	72.79	58.73
ATF6B	31.41	34.04	0.92	chr6	6p21.3	49	1715	88.73	82.53
OR2B2	18.57	20.13	0.92	chr6	6p22.3-p21.3	24	448	73.26	122.81
Hs.664956	6.99	7.58	0.92	chr11	N/A	3	326	63.27	69.42
MRGBP	49.30	53.44	0.92	chr20	20q13.33	38	566	165.03	111.00
Hs.719383	28.32	30.69	0.92	chr18	N/A	8	377	82.06	50.90
Hs.408449	13.10	14.20	0.92	chr19	N/A	10	139	58.61	85.54
DDX52	30.25	32.79	0.92	chr17	17q21.1	56	1374	62.77	70.37
Hs.680119	7.43	8.06	0.92	chr5	N/A	1	304	0.00	62.96
HIC1	24.80	26.88	0.92	chr17	17p13.3	41	899	115.50	129.42
TOMM7	1,146.22	1,242.53	0.92	chr7	7p15.3	53	645	103.44	65.79
Hs.655446	17.77	19.26	0.92	chr11	N/A	7	73	79.67	83.98
Hs.723380	80.45	87.22	0.92	chr4	N/A	7	73	90.09	88.71
VKORC1L1	44.49	48.23	0.92	chr7	7q11.21	41	919	123.77	115.80
OR10S1	25.79	27.96	0.92	chr11	11q24.1	5	52	60.50	79.04
Hs.129478	16.37	17.75	0.92	chr1	N/A	10	73	125.09	96.98
Hs.744106	24.30	26.35	0.92	chr20	N/A	8	377	63.94	273.77
Hs.582172	20.98	22.75	0.92	chr5	N/A	7	73	65.99	106.13
Hs.657183	30.92	33.54	0.92	chr21	N/A	1	304	0.00	43.47
CDC42BPB	73.26	79.46	0.92	chr14	14q32.3	53	1016	113.50	133.84
CHIC1	29.64	32.15	0.92	chrX	Xq13.2	33	1086	93.50	115.10
Hs.663129	7.76	8.42	0.92	chr5	N/A	7	73	38.29	87.51
LOC285423	11.46	12.43	0.92	chr4	4q31.23	11	409	102.51	100.05
ETV3L	7.05	7.65	0.92	chr1	1q23.1	13	28	33.59	33.14
Hs.597480	1,071.96	1,162.81	0.92	chr7	N/A	7	73	55.39	74.14
PABPC1L	55.29	59.98	0.92	chr20	N/A	37	1114	229.74	250.99
C9orf72	49.00	53.16	0.92	chr9	9p21.2	50	1101	231.40	139.13
Hs.662060	26.55	28.80	0.92	chrX	N/A	7	73	72.33	52.02
C17orf50	21.63	23.47	0.92	chr17	17q12	17	334	85.37	191.63
EMCN	71.90	78.03	0.92	chr4	4q24	64	1401	81.26	110.90
ELN	55.37	60.09	0.92	chr7	7q11.23	70	1119	85.32	149.50
BRPF3	38.71	42.01	0.92	chr6	6p21	38	1216	138.45	82.00
APOL2	74.90	81.29	0.92	chr22	22q12	45	925	123.23	93.50
TLE2	130.03	141.13	0.92	chr19	19p13.3	33	975	78.27	95.56
Hs.602190	7.37	8.00	0.92	chr22	N/A	7	73	75.73	70.66
Hs.374097	14.13	15.34	0.92	chr4	N/A	9	681	54.75	124.90
RHPN1	52.96	57.49	0.92	chr8	8q24.3	49	875	131.91	122.26
Hs.196534	12.25	13.30	0.92	chr2	N/A	9	95	71.61	122.92
NXPE1	20.57	22.33	0.92	chr11	11q23.2	19	740	262.28	92.05
SHB	42.12	45.73	0.92	chr9	9p13.2	75	2146	109.90	107.08
Hs.668186	10.17	11.04	0.92	chr20	N/A	2	22	53.01	67.28
Hs.734218	43.55	47.28	0.92	chr1	N/A	1	316	0.00	38.28
SBF1	51.87	56.33	0.92	chr22	22q13.33	48	1832	121.79	168.71
MNT	71.56	77.72	0.92	chr17	17p13.3	43	921	65.85	79.91
Hs.600625	11.00	11.95	0.92	chr1	N/A	1	304	0.00	158.80
CRAT	100.96	109.67	0.92	chr9	9q34.1	38	1001	100.41	115.91
RRP36	115.06	124.99	0.92	chr6	6p21.1	37	801	84.50	93.67
Hs.605091	28.82	31.32	0.92	chr19	N/A	7	73	46.15	54.77
ZNF670	10.95	11.90	0.92	chr1	1q44	24	436	65.92	94.69
Hs.371407	29.55	32.11	0.92	chr14	N/A	7	73	38.53	87.50
Hs.665976	11.85	12.88	0.92	chr2	N/A	7	73	60.87	111.69
Hs.726351	95.27	103.54	0.92	chr11	N/A	5	51	72.15	77.98
UBE2A	163.45	177.68	0.92	chrX	Xq24	57	1120	109.55	67.46
PRDM5	23.83	25.91	0.92	chr4	4q25-q26	24	780	209.55	79.87
Hs.595143	47.79	51.95	0.92	chr16	N/A	3	66	46.53	58.92
DDX19B	76.02	82.65	0.92	chr16	16q22.1	43	645	94.20	69.29
Hs.729480	35.65	38.76	0.92	chr18	N/A	7	73	130.50	64.02
KMT2C	109.41	118.96	0.92	chr7	7q36.1	137	2652	263.93	178.09
RG33	74.08	80.55	0.92	chr9	9q32	65	1052	167.36	121.53
HES5	24.72	26.88	0.92	chr1	1p36.32	17	332	72.36	67.58
Hs.261069	10.09	10.98	0.92	chr5	N/A	3	66	83.67	141.39
Hs.503850	53.87	58.59	0.92	chr11	N/A	7	73	49.81	49.74
LOC100131310	273.32	297.26	0.92	chrX	Xp11.4	4	32	99.51	88.42
YPLR6490	3.90	4.24	0.92	chr3	3p22.3	10	28	76.97	56.34
FCGRT	218.17	237.30	0.92	chr19	19q13.3	65	947	109.88	99.88
CDH8	18.34	19.95	0.92	chr16	16q22.1	53	1510	123.07	78.88
C20orf96	66.57	72.41	0.92	chr20	20p13	26	457	227.11	156.06

Hs.664322	265.94	289.32	0.92	chr4	N/A	8	377	134.74	105.60
Hs.668717	60.99	66.36	0.92	chr2	N/A	7	73	60.64	41.25
Hs.673214	18.29	19.91	0.92	chr15	N/A	1	304	0.00	64.37
CNS1S1	11.21	12.20	0.92	chr4	4q21.1	26	493	68.62	191.50
GOLGA6A	12.04	13.10	0.92	chr15	15q24.1	49	531	119.20	80.15
WDR74	60.16	65.50	0.92	chr11	11q12.3	51	1004	62.34	56.81
Hs.730925	13.78	15.00	0.92	chr16	N/A	14	333	39.67	49.80
Hs.544249	10.11	11.00	0.92	chr5	N/A	5	22	44.73	94.12
Hs.63338	14.71	16.02	0.92	chr9	N/A	10	73	92.07	110.98
HNRNPD	179.44	195.41	0.92	chr4	4q21	97	3835	173.62	141.41
KIAA0196	76.48	83.28	0.92	chr8	8q24.13	28	550	76.69	60.32
METTL21D	50.88	55.41	0.92	chr14	14q21.3	42	910	88.04	91.98
UBE2S	87.77	95.60	0.92	chr19	19q13.43	52	689	65.05	147.38
ALG14	43.24	47.10	0.92	chr1	1p21.3	28	751	65.43	85.46
Hs.27278	40.63	44.26	0.92	chr10	N/A	41	527	144.41	116.95
LPHN1	75.49	82.25	0.92	chr19	19p13.2	48	1369	82.20	83.57
Hs.606787	50.42	54.93	0.92	chr7	N/A	10	28	13.75	27.97
Hs.710020	20.60	22.44	0.92	chr5	N/A	10	73	67.42	63.92
Hs.538397	8.87	9.66	0.92	chr10	N/A	10	73	107.88	63.16
BCL3	74.53	81.21	0.92	chr19	19q13.1-q13.2	35	985	89.74	113.45
C22orf24	53.39	58.18	0.92	chr22	22q12.1-q12.3	17	488	150.58	61.41
CNTN6	14.97	16.32	0.92	chr3	3p26-p25	30	573	99.84	94.31
PRPF18	46.18	50.34	0.92	chr10	10p13	51	1398	78.24	73.76
Hs.120938	14.78	16.11	0.92	chr10	N/A	11	377	92.60	56.30
Hs.555954	85.34	93.03	0.92	chr6	N/A	8	377	92.36	40.46
ABCA5	94.33	102.84	0.92	chr17	17q24.3	72	1253	164.72	146.54
LOC650293	16.76	18.27	0.92	chr4	4p16.1	8	16	101.81	38.70
SYNJ2BP	78.05	85.09	0.92	chr14	14q24.2	58	1349	116.77	90.32
STT3B	113.36	123.60	0.92	chr3	3p23	39	1735	155.55	158.65
CCDC97	49.31	53.76	0.92	chr19	19q13.2	34	1035	96.41	80.47
Hs.662177	11.76	12.82	0.92	chr19	N/A	10	393	58.38	81.05
Hs.664184	12.27	13.38	0.92	chr21	N/A	7	73	83.98	86.45
SEC24B-AS1	22.04	24.04	0.92	chr4	4q25	11	332	39.41	48.62
PDGFRA	105.46	115.00	0.92	chr4	4q12	72	1933	254.90	295.66
ARG2	69.50	75.80	0.92	chr14	14q24.1	35	985	175.16	168.06
Hs.445842	12.64	13.79	0.92	chr1	N/A	3	66	76.12	117.29
Hs.543626	12.11	13.21	0.92	chr4	N/A	3	66	78.02	96.89
Hs.655648	69.38	75.68	0.92	chr2	N/A	1	304	0.00	61.21
FAM27E3	24.92	27.18	0.92	chr9	9q13	16	28	95.13	48.13
Hs.131128	9.91	10.81	0.92	chr6	N/A	10	73	85.77	74.52
Hs.12798	32.94	35.94	0.92	chr7	N/A	18	405	63.08	69.92
ATXN3L	12.69	13.84	0.92	chrX	Xp22.2	25	920	119.63	101.64
Hs.662253	43.06	46.98	0.92	chr7	N/A	19	566	80.73	174.46
Hs.147354	10.29	11.23	0.92	chr6	N/A	8	348	48.50	67.82
Hs.142877	10.03	10.95	0.92	chr5	N/A	1	304	0.00	55.24
DLG5-AS1	21.05	22.97	0.92	chr10	10q22.3	1	304	0.00	48.16
Hs.598668	292.90	319.72	0.92	chr3	N/A	1	304	0.00	40.87
S100A5	15.11	16.49	0.92	chr1	1q21	23	496	72.79	82.83
Hs.712366	23.12	25.24	0.92	chr16	N/A	10	28	125.84	89.83
TMEM104	40.30	43.99	0.92	chr17	17q25.1	32	631	77.55	138.38
SS18L2	140.80	153.72	0.92	chr3	3p21	28	538	129.55	52.93
PLD6	55.50	60.59	0.92	chr17	17p11.2	27	765	151.58	99.96
FBXO22	37.19	40.60	0.92	chr15	15q24.2	64	1624	77.47	256.52
E1F2B2	123.72	135.07	0.92	chr14	14q24.3	35	628	92.22	87.52
Hs.658384	7.47	8.15	0.92	chr1	N/A	1	304	0.00	84.62
C6orf211	53.81	58.76	0.92	chr6	6q25.1	35	637	63.03	87.36
NUFIP2	139.62	152.46	0.92	chr17	17q11.2	86	1863	254.97	67.02
Hs.135175	7.60	8.30	0.92	chr10	N/A	7	73	56.11	87.78
CENPQ	24.11	26.33	0.92	chr6	6p12.3	118	674	42.98	76.58
P2RX6	30.63	33.46	0.92	chr22	22q11.21	35	996	180.64	107.62
Hs.149922	11.83	12.93	0.92	chr2	N/A	7	73	108.56	164.47
F11	18.82	20.56	0.92	chr4	4q35	43	1556	111.16	309.12
Hs.321176	56.16	61.35	0.92	chr5	N/A	4	370	29.67	47.61
Hs.660011	18.97	20.73	0.92	chr6	N/A	3	66	72.42	76.95
VSIG4	119.66	130.73	0.92	chrX	Xq12-q13.3	36	649	69.93	127.79
LOC100129033	5.94	6.49	0.92	chr6	6p25.1	10	28	128.02	52.23
NR1H3	68.36	74.70	0.92	chr11	11p11.2	32	615	89.67	94.37
Hs.663947	312.97	342.02	0.92	chr12	N/A	14	146	138.06	150.66
SPEF1	44.80	48.96	0.92	chr20	20pter-q11.23	40	590	94.42	71.71
EPHX4	12.07	13.19	0.92	chr1	1p22.1	17	338	72.31	98.78
Hs.365690	34.19	37.37	0.91	chr14	N/A	7	73	71.97	47.17
CCDC113	32.02	34.99	0.91	chr16	16q21	43	566	109.83	147.83
Hs.698373	5.17	5.65	0.91	chr7	N/A	3	320	35.38	81.24
Hs.678184	9.60	10.49	0.91	chr2	N/A	1	304	0.00	79.55
CTGF	471.64	515.54	0.91	chr6	6q23.1	50	678	151.46	162.99
CHAT	15.59	17.04	0.91	chr10	10q11.2	40	486	107.31	85.57
LOC729887	18.39	20.10	0.91	chr16	16q23.3	25	478	79.95	180.10
ISG20	76.05	83.14	0.91	chr15	15q26	54	1193	170.18	151.78
DEDD	70.08	76.62	0.91	chr1	1q23.3	39	1344	117.30	72.96
Hs.630044	5.72	6.25	0.91	chr6	N/A	10	28	25.59	46.21
MARCH6	113.26	123.82	0.91	chr5	5p15.2	89	2929	142.73	112.57
Hs.658884	23.01	25.16	0.91	chr4	N/A	1	304	0.00	49.73
TRIM2	88.71	96.99	0.91	chr4	4q31.3	78	2742	554.62	200.72
FOXH1	21.11	23.09	0.91	chr8	8q24.3	24	808	72.24	76.02
PSAP	978.86	1,070.41	0.91	chr10	10q21-q22	54	1098	106.37	83.36
SOX21	18.46	20.19	0.91	chr13	13q31-q32	38	583	93.71	90.28
Hs.659430	32.14	35.15	0.91	chr18	N/A	8	377	144.51	84.61
PLAG1	27.46	30.04	0.91	chr8	8q12	47	589	79.05	69.49
MAGOHB	28.94	31.66	0.91	chr12	12p13.2	56	966	87.93	115.83
Hs.543544	11.97	13.10	0.91	chr17	N/A	6	66	77.02	71.28
Hs.7124	17.03	18.63	0.91	chr2	N/A	1	304	0.00	46.27
Hs.659666	32.13	35.16	0.91	chr2	N/A	3	66	51.73	88.70
Hs.147320	8.44	9.24	0.91	chr15	N/A	2	22	59.90	54.68

SEC14L3	12.24	13.40	0.91	chr22	22q12.2	47	1232	290.25	90.51
ZNF41	10.84	11.86	0.91	chrX	Xp11.23	28	1100	59.57	64.47
NMNAT2	39.47	43.20	0.91	chr1	1q25	62	1601	353.94	142.07
Hs.734962	21.35	23.37	0.91	chr14	N/A	1	304	0.00	41.04
FAM160B1	80.83	88.47	0.91	chr10	10q25.3	51	936	123.35	126.76
Hs.143937	18.75	20.52	0.91	chr5	N/A	10	73	96.36	77.78
TRMT5	336.37	368.25	0.91	chr14	14q23.1	30	803	82.31	103.39
NCKIPSD	34.57	37.85	0.91	chr3	3p21	71	2440	120.16	112.03
EFNA1	143.99	157.66	0.91	chr1	1q21-q22	43	605	86.14	156.77
Hs.658686	7.99	8.75	0.91	chr4	N/A	1	305	0.00	69.86
HNF1A-AS1	20.21	22.13	0.91	chr12	12q24.31	17	107	46.40	69.03
NUB1	50.93	55.77	0.91	chr7	7q36	69	2492	103.25	138.30
ZFP112	30.59	33.50	0.91	chr19	19q13.2	28	529	134.99	144.02
EMP3	143.56	157.23	0.91	chr19	19q13.3	28	555	88.56	99.61
KCNC2	39.55	43.32	0.91	chr12	12q14.1	41	597	343.73	209.67
PLEKHA7	42.79	46.87	0.91	chr11	11p15.1	37	445	103.31	88.56
EFCAB6-AS1	7.45	8.16	0.91	chr22	N/A	3	10	99.56	29.34
Hs.660169	46.46	50.90	0.91	chr22	N/A	8	377	85.35	56.86
Hs.662482	12.13	13.29	0.91	chr13	N/A	7	73	54.80	143.46
LOC100287177	10.73	11.75	0.91	chr19	19q13.32	1	304	0.00	57.30
ZNF879	34.03	37.29	0.91	chr5	5q35.3	13	393	99.73	54.97
Hs.553324	14.58	15.98	0.91	chr10	N/A	1	304	0.00	47.10
TP53TG1	65.42	71.69	0.91	chr7	7q21.1	57	1518	84.64	67.01
MYF5	10.03	10.99	0.91	chr12	12q21	26	492	60.27	79.19
RPL37A	2,511.17	2,751.93	0.91	chr2	2q35	49	1372	122.11	127.47
CINP	32.98	36.14	0.91	chr14	14q32.31	21	465	72.50	51.31
Hs.598636	20.12	22.05	0.91	chr3	N/A	7	73	49.22	88.92
WNK2	34.59	37.92	0.91	chr9	9q22.3	62	1640	113.41	87.11
Hs.117299	11.20	12.28	0.91	chr20	N/A	11	377	105.71	63.03
TNFRSF11B	33.04	36.22	0.91	chr8	8q24	135	1166	162.18	455.47
GM2A	86.28	94.59	0.91	chr5	5q33.1	99	3265	324.11	177.36
LINC00515	15.52	17.02	0.91	chr21	21q21.3	18	414	51.02	80.12
Hs.736000	7.24	7.94	0.91	chr13	N/A	20	868	50.45	98.35
Hs.603392	16.02	17.56	0.91	chr18	N/A	3	66	79.02	150.31
CHRNA1	53.54	58.70	0.91	chr17	17p13.1	33	521	168.74	132.37
Hs.601130	11.42	12.52	0.91	chr10	N/A	7	73	69.59	70.67
SYNC	50.39	55.25	0.91	chr1	1p35.1	31	538	64.60	107.00
PANK4	64.70	70.95	0.91	chr1	1p36.32	21	460	63.24	40.33
Hs.602128	8.71	9.55	0.91	chr20	N/A	15	450	63.52	87.61
SCAP	137.71	151.03	0.91	chr3	3p21.31	30	572	66.27	58.88
EIF3D	486.38	533.43	0.91	chr22	22q13.1	48	611	104.30	97.08
Hs.542227	8.29	9.09	0.91	chr2	N/A	10	73	43.01	122.73
ZMAT1	55.78	61.19	0.91	chrX	Xq21	44	780	377.32	209.90
PRODH	68.26	74.89	0.91	chr22	22q11.21	32	628	163.00	94.94
CCDC77	24.61	27.00	0.91	chr12	12p13.33	26	463	69.76	71.01
MEF2D	54.22	59.49	0.91	chr1	1q12-q23	58	1459	108.14	83.26
Hs.667294	20.35	22.33	0.91	chr6	N/A	2	22	94.15	85.00
AGTR2	13.66	14.99	0.91	chrX	Xq22-q23	33	1334	114.41	109.42
RUNDC1	45.72	50.17	0.91	chr17	17q21.31	30	727	129.97	57.76
Hs.732920	7.89	8.66	0.91	chr21	N/A	7	73	56.19	63.46
Hs.652983	119.68	131.32	0.91	chr1	N/A	7	73	125.82	78.08
ANXA7	286.63	314.51	0.91	chr10	10q22.2	54	1165	128.98	84.30
Hs.560507	18.65	20.47	0.91	chr15	N/A	6	326	53.10	88.55
TPST2	87.33	95.84	0.91	chr22	22q12.1	47	723	135.05	95.27
TMEM116	87.95	96.51	0.91	chr12	12q24.13	46	574	97.39	119.90
FAM198B	135.40	148.60	0.91	chr4	4q32.1	58	1100	125.40	178.74
MSH6	53.27	58.46	0.91	chr2	2p16	36	1687	88.55	113.70
Hs.602117	240.72	264.21	0.91	chr4	N/A	7	73	93.48	77.52
Hs.601248	10.30	11.30	0.91	chr10	N/A	7	73	73.24	86.87
Hs.523151	14.76	16.21	0.91	chr1	N/A	2	22	25.29	61.06
Hs.172751	16.17	17.75	0.91	chr7	N/A	10	73	63.84	85.92
CTNNA2	28.25	31.01	0.91	chr2	2p12-p11.1	56	787	236.63	144.68
PHF14	40.32	44.27	0.91	chr7	7p21.3	65	1094	167.29	114.82
Hs.696058	30.75	33.77	0.91	chr5	N/A	1	304	0.00	55.70
ATXN2	86.14	94.61	0.91	chr12	12q24.1	48	607	187.15	51.28
Hs.252565	5.79	6.36	0.91	chr3	N/A	5	608	74.18	91.34
Hs.132446	13.52	14.85	0.91	chr3	N/A	7	73	115.44	108.51
C18orf8	50.30	55.26	0.91	chr18	18q11.2	30	1134	109.48	83.59
MSANTD3	57.09	62.72	0.91	chr9	9q31.1	37	813	62.05	45.66
RPRD1A	70.66	77.63	0.91	chr18	18q12.2	77	2384	139.59	106.29
CCDC22	33.11	36.38	0.91	chrX	Xp11.23	35	992	59.75	61.57
ELAC1	20.57	22.60	0.91	chr18	18q21	36	910	67.21	72.35
ARHGAP4	43.45	47.75	0.91	chrX	Xq28	32	593	85.56	120.52
DOLK	65.94	72.47	0.91	chr9	9q34.11	23	498	63.61	41.85
OCLAD1	509.40	559.85	0.91	chr4	4p11	61	1989	155.98	109.65
ENKD1	44.70	49.14	0.91	chr16	16q22.1	24	405	90.80	75.17
USP10	83.23	91.48	0.91	chr16	16q24.1	45	1020	151.32	66.12
TAF1C	58.00	63.75	0.91	chr16	16q24	58	1086	126.77	97.53
Hs.652250	9.07	9.97	0.91	chr11	N/A	7	73	62.01	90.79
TMEM255B	26.85	29.52	0.91	chr13	13q34	26	343	45.57	58.94
CCT5	158.43	174.19	0.91	chr5	5p15.2	48	977	132.61	125.08
Hs.734337	25.30	27.82	0.91	chr11	N/A	3	66	32.56	60.85
Hs.744292	23.02	25.31	0.91	chr17	N/A	10	73	78.44	79.88
Hs.666765	8.63	9.49	0.91	chr18	N/A	1	304	0.00	66.87
Hs.616026	229.33	252.19	0.91	chr4	N/A	10	28	35.87	73.45
SAC3D1	43.38	47.70	0.91	chr11	11q13.1	37	633	87.51	119.11
ZDHC24	39.23	43.14	0.91	chr11	11q13.2	28	664	40.64	76.42
Hs.665194	7.60	8.35	0.91	chr2	N/A	1	304	0.00	79.84
EYS	8.07	8.88	0.91	chr6	6q12	17	400	87.84	135.58
OMD	38.61	42.47	0.91	chr9	9q22.31	35	993	201.19	124.36
Hs.732778	41.46	45.60	0.91	chr11	N/A	7	73	92.87	85.97
LOC100506403	7.88	8.67	0.91	chr21	N/A	4	630	71.95	87.21
Hs.575129	9.36	10.30	0.91	chr4	N/A	7	73	67.16	105.80

MMAB	45.34	49.88	0.91	chr12	12q24	57	1206	113.39	89.07
TEKT4	23.36	25.70	0.91	chr2	2q11.1	25	165	136.07	105.59
C4orf6	12.67	13.94	0.91	chr4	4p16.2	25	554	51.56	92.55
ZNF324B	29.69	32.66	0.91	chr19	19q13.43	12	724	97.49	52.27
Hs.117173	52.57	57.85	0.91	chr6	N/A	24	219	179.35	165.24
PDC	9.11	10.03	0.91	chr1	1q25.2	29	492	84.88	83.83
Hs.709478	45.05	49.58	0.91	chr3	N/A	7	73	56.81	107.02
EARS2	38.43	42.30	0.91	chr16	16p12.2	35	1146	84.36	59.85
CDKN2A	35.01	38.54	0.91	chr9	9p21	74	1587	130.50	103.98
Hs.473495	14.99	16.50	0.91	chr1	N/A	6	355	67.98	61.28
ZBTB8B	14.64	16.12	0.91	chr1	1p35.1	1	307	0.00	58.55
SPTBN2	43.96	48.39	0.91	chr11	11q13	30	572	93.35	91.90
Hs.656064	10.54	11.60	0.91	chr6	N/A	1	304	0.00	178.58
EIF5AL1	63.13	69.50	0.91	chr10	10q22.3	17	146	118.81	115.21
C19orf68	44.43	48.92	0.91	chr19	19q13.33	17	479	137.10	100.40
WBSCR17	82.93	91.31	0.91	chr7	7q11.23	36	495	178.97	180.00
KATNB1	46.23	50.91	0.91	chr16	16q21	45	1413	152.61	125.23
Hs.292062	15.05	16.57	0.91	chr3	N/A	5	22	78.35	55.95
PRKG1-AS1	6.27	6.91	0.91	chr10	N/A	1	304	0.00	59.71
TREX2	11.30	12.45	0.91	chrX	Xq28	20	511	186.06	140.42
ZGPAT	74.69	82.26	0.91	chr20	20q13.3	40	486	100.27	125.31
WISP1	21.83	24.04	0.91	chr8	8q24.22	71	1471	157.27	143.94
ACVRL1	43.84	48.29	0.91	chr12	12q13.13	67	1153	226.33	146.58
RTBDN	37.11	40.88	0.91	chr19	19p12	32	461	120.04	129.01
Hs.718817	119.63	131.79	0.91	chr13	N/A	7	73	109.99	96.57
ZNF506	25.97	28.61	0.91	chr19	19p13.11	29	1104	124.50	74.28
FAM89A	98.14	108.13	0.91	chr1	1q42.2	32	481	96.47	107.29
Hs.57769	10.13	11.16	0.91	chr18	N/A	11	377	64.74	86.23
CER1	34.34	37.84	0.91	chr9	9p23-p22	24	465	185.70	79.51
LINC00323	10.89	12.00	0.91	chr21	21q22.2	11	378	56.48	177.60
POLR2J	212.69	234.36	0.91	chr7	7q22.1	38	688	92.74	69.37
Hs.719775	8.25	9.09	0.91	chr6	N/A	8	12	13.70	27.30
ALDH1L2	25.49	28.09	0.91	chr12	12q23.3	44	862	172.10	227.40
ARPC3	431.93	476.05	0.91	chr12	12q24.11	35	628	87.06	116.77
Hs.702322	10.62	11.71	0.91	chr9	N/A	1	304	0.00	75.74
DDX24	266.82	294.12	0.91	chr14	14q32	60	1087	130.12	80.22
TIGD5	37.87	41.74	0.91	chr8	8q24.3	32	625	107.66	95.98
IDH1-AS1	14.85	16.37	0.91	chr2	N/A	1	304	0.00	43.32
INTU	34.01	37.49	0.91	chr4	4q28.1	29	468	54.40	79.41
Hs.536450	48.37	53.33	0.91	chr1	N/A	7	73	72.08	60.17
HRASLS	47.57	52.45	0.91	chr3	3q29	33	947	73.94	271.13
GNG5	375.52	414.13	0.91	chr1	1p22	40	659	122.46	81.16
NAA10	81.46	89.83	0.91	chrX	Xq28	35	628	72.31	62.24
Hs.148299	16.33	18.01	0.91	chr16	N/A	3	66	48.99	81.46
CASP2	44.42	48.99	0.91	chr7	7q34-q35	91	3099	173.03	171.51
Hs.733138	13.97	15.41	0.91	chr9	N/A	7	73	37.07	82.92
VPS37D	45.04	49.67	0.91	chr7	7q11.23	14	332	108.61	78.89
CDC47L	113.95	125.69	0.91	chr7	7p15.3	23	464	49.04	137.53
LOC100129312	5.03	5.55	0.91	chr2	2q31.1	20	56	51.11	129.46
MRPL47	127.96	141.15	0.91	chr3	3q26.33	25	752	92.93	99.96
ZIC3	13.49	14.88	0.91	chrX	Xq26.2	28	543	109.04	213.83
Hs.655831	7.77	8.58	0.91	chr2	N/A	8	377	49.28	109.58
Hs.732637	32.80	36.19	0.91	chr2	N/A	7	73	119.11	58.14
Hs.105326	22.37	24.69	0.91	chr18	N/A	7	73	150.08	79.84
KRT36	10.41	11.49	0.91	chr17	17q12-q21	21	453	107.29	509.09
Hs.581020	7.40	8.17	0.91	chr22	N/A	3	66	74.64	93.39
Hs.223837	10.75	11.86	0.91	chr7	N/A	8	377	79.09	87.54
FAM201A	10.12	11.18	0.91	chr9	9p13.1	15	636	44.07	85.69
Hs.563191	14.16	15.63	0.91	chr4	N/A	20	1013	146.80	80.42
Hs.712894	104.19	115.02	0.91	chr11	N/A	14	146	86.85	73.37
KIAA1109	50.39	55.62	0.91	chr4	4q27	88	2803	293.45	150.34
Hs.540724	11.54	12.74	0.91	chr17	N/A	10	73	104.23	81.76
Hs.605269	15.50	17.11	0.91	chr6	N/A	7	73	53.86	57.33
CPNE1	178.97	197.59	0.91	chr20	20q11.22	46	638	246.93	123.23
ZKSCAN4	34.88	38.51	0.91	chr6	6p21	40	597	102.13	93.07
Hs.637730	18.78	20.74	0.91	chr20	N/A	4	304	70.00	56.08
Hs.600979	64.14	70.83	0.91	chr6	N/A	1	304	0.00	75.52
C3orf37	91.50	101.04	0.91	chr3	3q21.3	26	499	74.03	44.91
UBTD1	37.94	41.91	0.91	chr10	10q24.2	28	531	108.26	59.75
ITM2A	264.53	292.19	0.91	chrX	Xq13.3-Xq21.1	45	1070	145.88	91.97
SPRED1	33.56	37.07	0.91	chr15	15q14	59	1324	159.88	99.02
LINC00477	10.84	11.97	0.91	chr12	12p12.1	17	332	88.13	55.54
DCTN5	54.92	60.67	0.91	chr16	16p12.2	42	1452	88.51	81.91
Hs.658484	8.57	9.47	0.91	chr6	N/A	1	304	0.00	82.60
ZNF296	25.52	28.19	0.91	chr19	19q13.32	19	398	91.51	95.27
PAR1	20.81	22.99	0.91	chr15	15q11.2	21	219	84.31	105.98
IFNW1	9.74	10.76	0.90	chr9	9p22	26	492	100.87	80.26
Hs.191841	8.54	9.43	0.90	chr2	N/A	10	28	158.13	116.80
GPS2	166.67	184.17	0.90	chr17	17p13	30	589	94.03	79.71
Hs.602595	16.41	18.14	0.90	chr3	N/A	2	22	32.99	111.40
IFIT1	99.31	109.74	0.90	chr10	10q23.31	55	754	105.04	84.92
PRAMEF12	21.38	23.62	0.90	chr1	1p36.21	17	532	94.27	67.30
FAM132A	19.20	21.22	0.90	chr1	1p36.33	14	332	32.15	64.60
Hs.635061	13.06	14.44	0.90	chr9	N/A	7	73	80.97	73.53
Hs.541852	8.13	8.98	0.90	chr2	N/A	2	22	32.78	60.93
DYM	55.54	61.38	0.90	chr18	18q21.1	60	1084	101.81	97.56
SLC6A9	21.39	23.64	0.90	chr1	1p33	29	503	79.83	86.24
PTPRQ	22.22	24.56	0.90	chr12	12q21.2	7	74	59.10	78.85
Hs.666899	6.95	7.68	0.90	chr8	N/A	16	754	56.75	86.72
HSD17B10	232.28	256.74	0.90	chrX	Xp11.2	46	642	63.74	73.99
Hs.667202	5.67	6.27	0.90	chr3	N/A	7	73	65.94	76.28
NABP2	40.70	44.99	0.90	chr12	12q13.3	31	488	87.08	46.80
LZTFL1	45.81	50.63	0.90	chr3	3p21.3	41	1474	161.27	128.36

Hs.599941	14.53	16.06	0.90	chr15	N/A	7	73	41.00	66.48
GSTT2B	44.99	49.74	0.90	chr22	22q11.23	10	73	61.18	89.64
Hs.635043	16.35	18.08	0.90	chr5	N/A	7	73	64.90	55.67
RALY	99.82	110.37	0.90	chr20	20q11.21-q11.2	43	653	128.68	57.10
PATE3	12.31	13.61	0.90	chr11	11q24.2	2	22	81.87	70.93
Hs.572657	7.29	8.07	0.90	chr2	N/A	17	146	92.02	84.45
OSER1	111.08	122.83	0.90	chr20	20q13.11	49	1138	101.83	160.45
PRRT3-AS1	44.03	48.68	0.90	chr3	N/A	1	304	0.00	48.11
Hs.633390	16.37	18.10	0.90	chr7	N/A	1	304	0.00	147.47
ALKBH4	46.16	51.05	0.90	chr7	7q22.1	21	460	71.42	56.97
RPL13	1,525.14	1,686.68	0.90	chr16	17p11.2	95	3276	103.47	105.96
BLOC1S1	251.23	277.85	0.90	chr12	12q13-q14	30	577	117.73	89.47
Hs.733386	26.60	29.42	0.90	chr19	N/A	7	73	139.85	85.06
NCBP2	85.53	94.60	0.90	chr3	3q29	53	1064	114.64	82.40
Hs.631884	22.64	25.04	0.90	chr2	N/A	1	304	0.00	45.24
Hs.634294	193.19	213.70	0.90	chr4	N/A	7	73	70.99	52.89
Hs.656624	26.10	28.88	0.90	chrX	N/A	1	304	0.00	84.40
ZFPL1	35.11	38.84	0.90	chr11	11q13	63	2061	143.83	108.50
C9orf69	75.38	83.39	0.90	chr9	9q34.3	3	332	34.05	38.40
Hs.663521	2,433.20	2,692.04	0.90	chr3	N/A	7	73	178.73	103.15
Hs.601369	4.92	5.44	0.90	chr4	N/A	1	304	0.00	77.86
Hs.597786	12.00	13.28	0.90	chr8	N/A	3	66	113.78	93.49
HARB11	26.93	29.80	0.90	chr11	11p11.2	24	417	54.18	66.11
ZNF341	25.82	28.57	0.90	chr20	20q11.22	33	1072	141.92	176.53
Hs.125928	9.36	10.36	0.90	chr16	N/A	17	146	145.49	88.79
LRAT	10.96	12.13	0.90	chr4	4q32.1	41	510	88.37	80.65
TOP3A	31.14	34.47	0.90	chr17	17p12-p11.2	45	1456	84.87	88.63
VIMP	240.34	266.02	0.90	chr15	15q26.3	49	592	121.73	100.66
RARRES1	80.09	88.65	0.90	chr3	3q25.32	55	1524	359.23	333.72
Hs.115519	18.79	20.80	0.90	chr8	N/A	11	332	40.82	63.20
GBP5	15.57	17.23	0.90	chr1	1p22.2	27	766	125.07	150.05
GABRA5	13.79	15.27	0.90	chr15	15q12	41	1387	147.51	124.28
Hs.603514	11.41	12.63	0.90	chr3	N/A	2	608	62.98	84.92
SSTR2	22.86	25.31	0.90	chr17	17q24	38	946	176.62	77.97
FBXO2	64.41	71.32	0.90	chr1	1p36.22	59	1253	114.65	176.20
LOC10096246	22.82	25.27	0.90	chr12	N/A	8	377	39.25	76.97
Hs.734956	24.35	26.96	0.90	chr3	N/A	1	304	0.00	73.94
ABO	19.60	21.70	0.90	chr9	9q34.2	33	1343	130.48	87.77
Hs.677179	9.63	10.67	0.90	chr3	N/A	2	623	32.27	85.33
C9orf16	118.25	130.97	0.90	chr9	9q34.1	45	1832	126.55	90.86
CSTF2	48.80	54.05	0.90	chrX	Xq22.1	38	954	105.99	108.04
E1F2AK2	57.96	64.19	0.90	chr2	2p22-p21	55	1074	128.05	88.56
Hs.666516	17.61	19.50	0.90	chr17	N/A	8	377	92.45	61.39
SUV39H2	16.18	17.93	0.90	chr10	10p13	40	1169	122.13	131.08
R3HCC1	109.27	121.04	0.90	chr8	8p21.3	32	971	90.10	57.41
TELO2	41.14	45.58	0.90	chr16	16p13.3	49	1126	119.61	75.61
NPHP1	24.98	27.67	0.90	chr2	2q13	61	1290	77.09	270.03
RHOD	182.19	201.86	0.90	chr11	11q14.3	35	992	142.39	128.96
Hs.612942	12.53	13.89	0.90	chr8	N/A	1	304	0.00	51.27
HIST1H4J	22.26	24.67	0.90	chr6	6p22.1	28	526	76.64	112.19
Hs.26617	11.42	12.65	0.90	chr19	N/A	5	51	82.54	70.27
Hs.674571	10.37	11.49	0.90	chr5	N/A	1	304	0.00	70.20
PSMB11	123.14	136.44	0.90	chr14	14q11.2	5	52	134.79	89.98
ZCCHC9	69.01	76.47	0.90	chr5	5q14.1	29	483	89.66	86.88
Hs.713743	108.56	120.31	0.90	chr13	N/A	7	73	59.77	73.58
Hs.571331	21.17	23.46	0.90	chr7	N/A	1	304	0.00	57.91
COMMD9	88.15	97.70	0.90	chr11	11p13	28	533	57.80	49.62
Hs.624376	15.15	16.79	0.90	chr8	N/A	7	73	95.20	70.02
Hs.44939	8.23	9.12	0.90	chr10	N/A	2	22	23.78	77.22
TARS	96.13	106.56	0.90	chr5	5p13.2	31	893	95.52	98.47
NFKB1B	36.06	39.98	0.90	chr19	19q13.1	60	1335	93.01	94.44
Hs.661495	9.15	10.15	0.90	chr14	N/A	7	73	47.70	75.24
LOC100506274	12.68	14.05	0.90	chr2	2p25	12	683	96.07	105.58
KRT40	5.72	6.34	0.90	chr17	17q21.2	25	709	89.26	83.89
PTPRCAP	57.21	63.44	0.90	chr11	11q13.3	30	574	145.03	162.05
AMZ2	249.69	276.89	0.90	chr17	17q24.2	24	460	64.99	99.75
Hs.671974	8.21	9.10	0.90	chr6	N/A	1	304	0.00	69.98
CETN2	185.67	205.92	0.90	chrX	Xq28	28	555	120.98	113.15
DKK4	22.35	24.79	0.90	chr8	8p11.2-p11.1	28	544	190.24	221.07
PPP1CB	307.73	341.32	0.90	chr2	2p23	89	1904	253.31	127.64
SAP25	34.56	38.34	0.90	chr7	7q22.1	7	73	47.73	65.66
SNF8	124.91	138.58	0.90	chr17	17q21.32	36	556	99.82	53.73
FBN3	19.40	21.53	0.90	chr19	19p13	19	384	61.11	61.73
Hs.663291	12.42	13.78	0.90	chr10	N/A	8	377	50.71	79.63
Hs.603770	10.59	11.75	0.90	chr15	N/A	2	22	29.67	70.65
PABPC5	9.20	10.21	0.90	chrX	Xq21.3	30	405	51.01	112.93
Hs.512440	5.97	6.62	0.90	chr8	N/A	12	648	130.45	81.73
PFDN4	52.01	57.72	0.90	chr20	20q13.2	40	1417	90.00	85.12
Hs.658924	39.50	43.84	0.90	chr12	N/A	4	304	27.12	44.18
LPHN2	67.53	74.95	0.90	chr1	1p31.1	54	1143	126.85	137.10
Hs.664342	10.01	11.11	0.90	chr18	N/A	1	304	0.00	71.04
Hs.638682	82.11	91.14	0.90	chr20	N/A	1	304	0.00	56.94
XRCC6	352.58	391.36	0.90	chr22	22q13.2	65	1143	121.68	135.48
Hs.598247	148.30	164.62	0.90	chr8	N/A	12	493	126.97	153.83
ADAMTS17	19.47	21.62	0.90	chr15	15q24	31	1141	107.73	92.01
EFR3A	181.61	201.61	0.90	chr8	8q24.22	40	1055	82.78	72.59
Hs.633204	47.83	53.10	0.90	chr12	N/A	19	384	178.86	133.86
SEMA6B	33.29	36.97	0.90	chr19	19p13.3	29	1066	86.69	83.38
Hs.731041	29.68	32.97	0.90	chrX	N/A	5	51	45.72	157.99
NKIRAS1	66.39	73.75	0.90	chr3	3p24.2	33	542	108.78	80.22
FAM208B	64.16	71.27	0.90	chr10	10p15.1	45	1353	175.95	103.78
Hs.664281	14.17	15.74	0.90	chr11	N/A	7	73	34.49	63.78
LOC646743	12.23	13.58	0.90	chr2	2q21.1	10	73	60.86	159.85

Hs.666254	8.73	9.70	0.90	chrX	N/A	7	73	99.22	72.27
TMIE	22.93	25.47	0.90	chr3	3p21	20	693	199.14	102.83
Hs.661577	42.41	47.12	0.90	chr22	N/A	4	304	44.61	37.68
NICN1	99.92	111.01	0.90	chr3	3p21.31	35	582	99.55	77.44
Hs.450930	59.44	66.05	0.90	chr13	N/A	1	304	0.00	47.27
Hs.596788	14.55	16.17	0.90	chr2	N/A	7	73	57.62	64.11
Hs.666455	9.29	10.33	0.90	chr15	N/A	2	22	11.45	74.24
Hs.540014	8.70	9.67	0.90	chr14	N/A	6	66	54.25	81.17
PHF2	51.66	57.40	0.90	chr9	9q22.31	68	1081	97.68	95.30
TRIQK	43.41	48.24	0.90	chr8	8q22.1	32	1661	105.04	96.72
LCLAT1	79.62	88.49	0.90	chr2	2p23.1	41	542	130.19	75.70
Hs.130130	11.44	12.71	0.90	chr18	N/A	5	22	87.45	142.57
IFI44	52.59	58.45	0.90	chr1	1p31.1	28	923	82.66	92.57
OSBPL5	66.13	73.49	0.90	chr11	11p15.4	30	762	75.49	54.72
Hs.375468	60.53	67.28	0.90	chr20	N/A	21	360	72.37	65.28
Hs.409846	15.43	17.16	0.90	chr11	N/A	1	304	0.00	61.93
Hs.151498	13.10	14.57	0.90	chr4	N/A	7	73	105.41	74.54
GPR20	21.00	23.34	0.90	chr8	8q24.3	38	571	75.65	98.56
Hs.675473	11.18	12.42	0.90	chr12	N/A	20	56	29.12	46.22
Hs.563801	105.45	117.23	0.90	chr1	N/A	7	73	82.46	109.08
Hs.666116	9.41	10.47	0.90	chr16	N/A	7	73	68.39	95.06
LOC339568	12.34	13.71	0.90	chr20	20q12	4	304	70.05	55.41
PDE1B	27.06	30.09	0.90	chr12	12q13	28	544	64.72	108.97
Hs.712903	128.02	142.34	0.90	chr1	N/A	1	304	0.00	58.42
HERC1	113.80	126.56	0.90	chr15	15q22	27	560	78.49	57.98
Hs.670441	9.82	10.92	0.90	chr10	N/A	20	56	103.91	80.13
METTL1	152.19	169.27	0.90	chr12	12q13	46	607	217.36	201.35
PDE12	35.14	39.09	0.90	chr3	3p14.3	67	1705	196.85	109.68
Hs.660165	20.19	22.47	0.90	chr4	N/A	19	952	66.21	85.70
ETS2	110.62	123.08	0.90	chr21	21q22.2	83	1511	138.57	112.43
MRPL43	103.38	115.03	0.90	chr10	10q24.31	74	1233	109.07	81.42
MTHFD2L	15.24	16.96	0.90	chr4	4q13.3	56	2794	117.43	97.18
BRWD1-IT2	23.86	26.56	0.90	chr21	21q22.2	31	785	85.12	116.68
MSC	20.03	22.30	0.90	chr8	8q21	30	565	80.63	67.05
Hs.636828	87.26	97.13	0.90	chr15	N/A	1	304	0.00	59.54
MCM4	47.85	53.26	0.90	chr8	8q11.2	69	2050	131.43	202.10
PM20D2	66.23	73.73	0.90	chr6	6q15	27	762	97.66	114.81
ADRB3	13.31	14.82	0.90	chr8	8p12	35	989	65.84	83.00
CYSTM1	382.15	425.47	0.90	chr5	5q31.3	28	521	70.11	116.08
FBXL5	204.16	227.31	0.90	chr4	4p15.32	40	992	105.93	100.48
ZNHIT3	127.21	141.64	0.90	chr17	17q12	50	718	108.21	74.25
Hs.574211	13.50	15.03	0.90	chr15	N/A	2	39	35.58	59.58
Hs.633961	14.17	15.78	0.90	chrX	N/A	3	66	44.76	72.13
Hs.603477	5.12	5.71	0.90	chr16	N/A	2	22	37.70	63.13
TRIP12	189.05	210.51	0.90	chr2	2q36.3	69	867	154.37	117.54
Hs.657945	18.08	20.13	0.90	chr15	N/A	7	73	95.37	71.78
LOC100506127	14.29	15.92	0.90	chr11	11q13.5	2	22	11.84	65.76
VPS13A	36.56	40.72	0.90	chr9	9q21	100	2320	121.75	95.40
SEC22C	51.35	57.20	0.90	chr3	3p22.1	81	2330	129.34	98.48
FAM189A2	80.50	89.67	0.90	chr9	9q21.11	50	628	101.96	77.36
Hs.740541	23.33	25.99	0.90	chr5	N/A	5	425	94.11	84.81
C17orf64	31.32	34.90	0.90	chr17	17q23.2	28	510	237.90	264.06
C10orf54	83.78	93.33	0.90	chr10	10q22.1	24	761	72.91	171.47
PPP1R37	18.59	20.72	0.90	chr19	19q13.32	36	1356	153.85	102.41
Hs.735461	3.35	3.73	0.90	chr2	N/A	10	28	35.62	44.59
DLEU1	42.59	47.47	0.90	chr13	13q14.3	57	751	89.86	65.19
Hs.560373	4.02	4.48	0.90	chr15	N/A	1	304	0.00	89.51
SEC61A1	141.31	157.49	0.90	chr3	3q21.3	31	880	192.73	83.52
TCEA2	56.96	63.48	0.90	chr20	20q13.33	52	1331	126.70	256.48
Hs.156409	7.96	8.87	0.90	chr12	N/A	10	73	39.24	76.65
CGB	35.23	39.26	0.90	chr19	19q13.32	32	621	215.53	286.61
Hs.567421	13.66	15.22	0.90	chr15	N/A	2	608	102.09	83.22
MTBP	7.05	7.86	0.90	chr8	8q24.12	35	1361	94.31	88.53
Hs.667560	6.54	7.29	0.90	chr14	N/A	3	66	21.45	67.24
LEMD2	60.15	67.07	0.90	chr6	6p21.31	33	536	103.57	90.35
CLEC12A	10.33	11.52	0.90	chr12	12p13.2	28	945	101.15	247.71
TIGD7	28.39	31.66	0.90	chr16	16p13.3	20	1047	42.70	75.81
CENPI	10.14	11.31	0.90	chrX	Xq22.1	51	1602	86.97	103.06
SIAH2	86.96	96.98	0.90	chr3	3q25	30	577	132.56	124.63
TERF2IP	309.60	345.30	0.90	chr16	16q23.1	30	577	72.57	69.82
CPXM2	91.73	102.31	0.90	chr10	10q26.13	35	1147	191.88	101.98
Hs.385925	22.59	25.20	0.90	chr14	N/A	2	39	4.99	88.81
Hs.657693	6.69	7.47	0.90	chr2	N/A	1	304	0.00	62.12
HCCS	60.63	67.64	0.90	chrX	Xp22.3	70	1177	112.44	62.12
LOC100996667	14.86	16.58	0.90	chr9	N/A	4	304	33.67	68.96
Hs.710557	10.90	12.16	0.90	chr15	N/A	1	304	0.00	64.58
Hs.707129	14.74	16.44	0.90	chr7	N/A	17	101	194.78	147.12
MARVELD1	87.83	98.00	0.90	chr10	10q24.2	11	684	53.06	84.67
ZNF585B	35.54	39.65	0.90	chr19	19q13.12	35	794	72.51	87.06
Hs.565600	10.41	11.61	0.90	chr2	N/A	1	304	0.00	62.00
CLSTN2	24.75	27.62	0.90	chr3	3q23	23	482	80.45	128.00
Hs.683604	3.48	3.88	0.90	chr3	N/A	1	304	0.00	84.90
TM4SF18	40.34	45.02	0.90	chr3	3q25.1	37	846	91.05	97.49
PRC1	91.70	102.33	0.90	chr15	15q26.1	28	537	144.40	198.21
TAF1A	21.68	24.19	0.90	chr1	1q42	36	576	118.23	89.62
Hs.656221	8.06	9.00	0.90	chr11	N/A	8	377	66.01	102.95
Hs.674223	8.95	9.98	0.90	chr5	N/A	1	304	0.00	73.12
Hs.587967	11.00	12.27	0.90	chr18	N/A	10	840	52.03	72.59
GTDC1	51.20	57.15	0.90	chr2	2q22.3	66	1787	136.04	95.79
Hs.670008	28.88	32.24	0.90	chr1	N/A	1	304	0.00	251.62
PLXNA4	23.69	26.44	0.90	chr7	7q32.3	67	1680	172.92	105.49
Hs.734638	20.17	22.51	0.90	chr13	N/A	5	51	57.30	72.23
Hs.513392	49.02	54.71	0.90	chr14	N/A	8	377	48.76	44.01

Hs.146864	23.74	26.50	0.90	chr4	N/A	10	73	107.03	64.64
DHRS11	48.61	54.26	0.90	chr17	17q12	28	530	113.00	156.46
MUC4	40.44	45.15	0.90	chr3	3q29	85	2434	132.69	236.49
Hs.599577	26.49	29.58	0.90	chr8	N/A	7	73	95.43	83.93
HS6ST3	19.59	21.87	0.90	chr13	13q32.1	54	1526	152.81	136.06
VSTM1	8.95	9.99	0.90	chr19	19q13.42	4	304	85.49	256.64
OR10C1	21.41	23.91	0.90	chr6	6p22.1	24	453	72.58	80.10
Hs.740799	26.82	29.95	0.90	chr10	N/A	1	304	0.00	48.41
Hs.662113	18.54	20.70	0.90	chr14	N/A	1	304	0.00	60.90
Hs.734165	56.19	62.75	0.90	chr3	N/A	7	73	98.10	52.48
ZNF543	17.08	19.08	0.90	chr19	19q13.43	32	412	91.66	110.40
KLHDC3	156.12	174.36	0.90	chr6	6p21.1	45	1020	132.07	74.85
NAT16	40.63	45.38	0.90	chr7	7q22.1	11	408	107.47	86.18
Hs.600112	64.93	72.53	0.90	chr3	N/A	7	73	58.98	127.42
THAP2	17.56	19.62	0.90	chr12	12q21.1	48	1171	133.23	79.62
IL1RAPL1	20.28	22.66	0.90	chrX	Xp22.1-p21.3	29	810	90.20	85.55
RTKN2	18.15	20.28	0.90	chr10	10q21.2	47	832	171.40	227.14
HIRIP3	48.45	54.13	0.90	chr16	16p11.2	45	1027	123.54	69.75
EPM2AIP1	135.92	151.87	0.89	chr3	3p22.1	41	1208	218.07	81.89
ZNF181	17.59	19.66	0.89	chr19	19q13.11	17	96	48.44	63.99
LOC100132731	15.33	17.13	0.89	chr3	3q21.3	3	66	80.77	105.67
CBX8	19.12	21.37	0.89	chr17	17q25.3	21	453	68.52	90.90
Hs.602091	14.37	16.06	0.89	chr15	N/A	7	73	75.41	73.29
THSD1	47.97	53.61	0.89	chr13	13q14.3	27	470	80.34	59.70
CC2D1B	31.39	35.09	0.89	chr1	1p32.3	36	494	94.16	107.57
INPP4B	26.74	29.89	0.89	chr4	4q31.21	86	1409	112.18	118.41
TATDN2	80.45	89.93	0.89	chr3	3p25.3	28	876	75.34	80.42
Hs.667759	8.07	9.02	0.89	chr2	N/A	7	73	47.43	119.48
Hs.733548	9.89	11.06	0.89	chr4	N/A	7	73	101.11	96.05
OR2F1	18.09	20.22	0.89	chr7	7q35	30	954	86.78	111.44
HIVEP1	34.18	38.22	0.89	chr6	6p24-p22.3	38	953	110.31	86.28
SHPK	37.45	41.87	0.89	chr17	17p13	26	873	92.84	69.93
DHX58	28.65	32.03	0.89	chr17	17q21.2	28	531	72.97	113.65
KLHL1	6.75	7.54	0.89	chr13	13q21	17	336	76.26	120.36
SDF2	132.04	147.67	0.89	chr17	17q11.2	50	690	110.51	77.29
GUCY2F	7.57	8.47	0.89	chrX	Xq22	25	531	88.31	72.33
TREH	9.67	10.82	0.89	chr11	11q23.3	37	639	66.60	155.09
FAM114A2	48.39	54.13	0.89	chr5	5q31-q33	33	910	75.05	57.42
Hs.561008	25.65	28.69	0.89	chr20	N/A	1	304	0.00	39.10
Hs.667222	16.50	18.46	0.89	chr12	N/A	3	66	53.23	62.73
TUT1	34.41	38.49	0.89	chr11	11q12.2	28	533	126.27	61.60
MAD1L1	32.79	36.68	0.89	chr7	7p22	33	573	96.14	77.54
M6PR	186.29	208.41	0.89	chr12	12p13	42	1013	164.88	138.25
PAPPA	30.19	33.78	0.89	chr9	9q33.2	115	3793	175.54	221.85
Hs.643687	17.13	19.16	0.89	chr11	N/A	8	377	76.34	59.41
SNX19	58.24	65.17	0.89	chr11	11q25	68	1802	205.81	164.76
FAM43A	96.97	108.50	0.89	chr3	3q29	25	709	158.80	124.74
Hs.551127	13.39	14.99	0.89	chr8	N/A	10	73	83.76	80.85
UGT2A1	15.95	17.85	0.89	chr4	4q13	26	497	49.44	136.42
Hs.125352	19.27	21.57	0.89	chr5	N/A	25	478	124.48	234.66
LIM2	22.87	25.60	0.89	chr19	19q13.4	28	526	125.95	75.92
Hs.660095	17.54	19.62	0.89	chr2	N/A	7	73	119.36	114.37
LINC00836	10.17	11.38	0.89	chr10	N/A	4	370	34.85	87.55
RNF146	145.98	163.39	0.89	chr6	6q22.1-q22.33	42	976	162.58	89.69
ZIC2	28.78	32.21	0.89	chr13	13q32	59	802	173.19	169.48
Hs.440981	16.87	18.89	0.89	chr12	N/A	6	326	57.99	55.74
DPH3	63.59	71.19	0.89	chr3	3p25.1	55	895	57.65	66.24
ACADSB	62.63	70.12	0.89	chr10	10q26.13	61	1022	122.27	211.01
Hs.726283	37.00	41.43	0.89	chr9	N/A	7	73	182.33	68.73
NQO2	91.56	102.53	0.89	chr6	6p25.2	38	954	90.32	102.12
Hs.666456	31.25	35.00	0.89	chr5	N/A	7	73	82.80	55.69
LOC100506675	13.30	14.89	0.89	chr11	N/A	12	681	80.38	172.20
SFI1	63.36	70.96	0.89	chr22	22q12.2	63	1904	384.60	199.29
C1orf158	38.08	42.66	0.89	chr1	1p36.21	24	411	102.54	211.62
Hs.362432	63.06	70.63	0.89	chr11	N/A	8	425	110.44	63.30
MRPS35	141.02	157.96	0.89	chr12	12p11	30	564	62.66	50.46
Hs.434261	14.79	16.56	0.89	chr21	N/A	4	328	60.46	237.12
Hs.602476	120.61	135.11	0.89	chr1	N/A	7	73	68.14	46.67
GPR82	8.36	9.37	0.89	chrX	Xp11.4	22	941	52.30	76.49
Hs.444595	32.28	36.16	0.89	chr11	N/A	12	636	37.15	148.75
Hs.662572	10.26	11.50	0.89	chr6	N/A	7	73	44.17	63.68
Hs.729054	23.38	26.20	0.89	chr14	N/A	7	73	61.41	97.21
LINC00469	45.31	50.77	0.89	chr17	17q25.1	13	29	51.69	91.49
FAM150A	4.01	4.49	0.89	chr8	8q11.23	16	28	96.64	58.88
Hs.191856	14.71	16.48	0.89	chr2	N/A	14	146	110.27	132.12
Hs.132019	11.09	12.43	0.89	chr17	N/A	7	73	73.71	143.61
Hs.645916	77.31	86.64	0.89	chr16	N/A	1	304	0.00	41.96
KCNQ4	20.43	22.89	0.89	chr1	1p34	31	769	132.16	61.38
Hs.382185	9.48	10.62	0.89	chr2	N/A	4	304	74.35	58.99
ERVK13-1	29.24	32.77	0.89	chr16	16p13.3	14	1017	81.50	75.10
POP1	31.32	35.10	0.89	chr8	8q22.1	56	690	183.30	63.82
SMCR7	42.79	47.95	0.89	chr17	17p11.2	31	521	60.55	112.92
HLA-DQB2	61.75	69.21	0.89	chr6	6p21	28	533	113.96	133.39
PPP5C	44.27	49.62	0.89	chr19	19q13.3	43	1103	103.79	62.53
Hs.197082	11.89	13.32	0.89	chr12	N/A	4	304	38.08	48.51
Hs.666489	16.21	18.17	0.89	chr10	N/A	3	66	80.85	74.41
IFT74	23.25	26.07	0.89	chr9	9p21.2	33	953	91.82	123.45
Hs.659203	3.67	4.11	0.89	chr5	N/A	9	28	24.13	49.55
Hs.655755	27.33	30.64	0.89	chr11	N/A	21	605	188.76	88.15
TONSL	17.25	19.34	0.89	chr8	8q24.3	35	1131	93.38	90.30
Hs.592276	17.77	19.93	0.89	chr7	N/A	10	28	45.45	82.11
LTV1	46.01	51.60	0.89	chr6	6q24.2	32	794	64.52	72.35
Hs.660572	9.92	11.12	0.89	chr2	N/A	7	73	63.44	87.42

ACR	34.08	38.23	0.89	chr22	22q13.33	33	529	79.42	161.51
Hs.659119	63.81	71.57	0.89	chr12	N/A	1	304	0.00	73.91
CD79A	92.48	103.74	0.89	chr19	19q13.2	39	913	111.04	173.91
ACHE	37.52	42.09	0.89	chr7	7q22	64	1630	180.91	169.43
HDHD1	68.05	76.34	0.89	chrX	Xp22.32	51	793	103.22	62.24
OVOL3	14.07	15.79	0.89	chr19	19q13.12	12	493	79.20	80.38
Hs.660251	23.66	26.54	0.89	chr17	N/A	7	73	50.63	81.12
HYAL2	125.93	141.30	0.89	chr3	3p21.3	36	570	77.21	92.75
ST7	50.64	56.83	0.89	chr7	7q31.2	88	1446	109.32	80.26
IL4R	97.87	109.84	0.89	chr16	16p12.1-p11.2	34	879	96.69	75.69
TTY22	8.04	9.02	0.89	chrY	Yp11.2	10	28	109.20	78.52
TRMT61B	59.12	66.36	0.89	chr2	2p23.2	35	606	113.42	49.91
ERCC6L2	17.95	20.16	0.89	chr9	9q22.32	86	1503	86.05	83.67
MAP3K5	107.91	121.14	0.89	chr6	6q22.33	45	1136	111.71	77.59
Hs.594397	381.00	427.73	0.89	chr2	N/A	7	73	46.80	92.98
Hs.430098	11.04	12.40	0.89	chr1	N/A	10	73	72.02	84.77
TIMP1	682.70	766.52	0.89	chrX	Xp11.3-p11.23	50	715	145.52	112.22
MAGED4	63.85	71.69	0.89	chrX	Xp11.22	32	842	229.69	118.75
HOXA1	15.85	17.79	0.89	chr7	7p15.3	36	572	105.50	132.36
LYZL1	15.34	17.23	0.89	chr10	10p12.1	12	351	59.47	301.46
FLJ38717	51.12	57.40	0.89	chr6	6p21.1	4	304	43.10	64.81
MAGEF1	107.69	120.93	0.89	chr3	3q13	28	538	65.46	54.46
ZIK1	20.83	23.39	0.89	chr19	19q13.43	24	773	70.43	98.12
MIER3	21.91	24.61	0.89	chr5	5q11.2	28	1621	94.76	113.04
Hs.584981	20.14	22.62	0.89	chr10	N/A	8	377	116.45	59.62
Hs.596769	74.74	83.94	0.89	chr10	N/A	3	66	13.52	73.98
MRPS34	141.01	158.38	0.89	chr16	16p13.3	33	584	118.38	392.41
Hs.551909	12.97	14.57	0.89	chr12	N/A	1	304	0.00	52.58
SELENBP1	170.05	191.01	0.89	chr1	1q21.3	48	982	102.95	141.69
P2RY6	25.53	28.68	0.89	chr11	11q13.5	34	549	117.06	92.07
Hs.444464	7.77	8.72	0.89	chr2	N/A	6	66	62.21	103.66
LOC257358	15.38	17.28	0.89	chr5	5q35.1	15	648	46.79	109.43
CD6	34.13	38.34	0.89	chr11	11q13	60	2805	117.84	136.66
Hs.676149	35.98	40.42	0.89	chrX	N/A	1	304	0.00	35.34
Hs.602948	12.17	13.67	0.89	chr14	N/A	2	22	28.75	69.60
Hs.595215	59.24	66.57	0.89	chr12	N/A	7	73	163.67	79.51
Hs.59806	9.93	11.16	0.89	chr5	N/A	17	393	64.90	66.72
RPP30	42.79	48.08	0.89	chr10	10q23.31	56	1602	108.14	117.87
Hs.431753	18.28	20.54	0.89	chr1	N/A	2	608	49.07	88.88
TMEM191C	67.77	76.16	0.89	chr22	22q11.21	19	117	93.46	146.01
Hs.121167	10.42	11.71	0.89	chr4	N/A	17	658	112.59	71.03
Hs.211561	6.99	7.85	0.89	chr2	N/A	8	12	22.48	34.70
CDC42	188.69	212.06	0.89	chr1	1p36.1	120	2644	239.15	147.71
Hs.122428	9.68	10.88	0.89	chr8	N/A	7	73	76.95	93.93
Hs.145785	4.82	5.42	0.89	chr6	N/A	2	22	35.17	69.96
NUDT12	17.81	20.02	0.89	chr5	5q21.2	30	728	62.15	107.11
FAM178B	50.03	56.24	0.89	chr2	2q11.2	30	441	127.22	230.77
Hs.591807	26.28	29.54	0.89	chr6	N/A	12	112	69.90	116.28
KIF25	20.01	22.49	0.89	chr6	6q27	31	920	75.78	79.25
Hs.593536	14.08	15.83	0.89	chr6	N/A	4	304	68.56	53.37
PTGES	52.69	59.26	0.89	chr9	9q34.3	43	1048	320.08	68.67
C9orf152	40.97	46.08	0.89	chr9	9q31.3	8	378	122.92	135.98
CACNA2D1	19.10	21.48	0.89	chr7	7q21-q22	33	632	61.69	74.32
Hs.606274	17.58	19.77	0.89	chr4	N/A	1	304	0.00	93.70
MSH5	17.46	19.64	0.89	chr6	6p21.3	39	992	106.27	122.80
SS18	43.32	48.73	0.89	chr18	18q11.2	90	2123	131.17	92.78
POLR3G	19.08	21.46	0.89	chr5	5q14.3	39	1291	96.59	143.30
GCN1L1	97.95	110.18	0.89	chr12	12q24.2	35	991	75.52	61.37
LOC100507288	17.14	19.28	0.89	chr15	N/A	1	304	0.00	58.46
CHRNA1	14.44	16.25	0.89	chr2	2q37.1	30	567	119.90	88.81
Hs.605886	45.61	51.31	0.89	chr17	N/A	7	73	44.62	64.33
Hs.657821	9.60	10.81	0.89	chr19	N/A	8	377	103.26	130.11
HSD17B8	115.83	130.32	0.89	chr6	6p21.3	23	499	59.89	73.66
CCDC39	12.76	14.35	0.89	chr3	3q26.33	18	492	174.63	152.89
LOC644662	23.14	26.04	0.89	chr3	3q21.3	15	89	147.47	91.32
SETD1A	34.45	38.77	0.89	chr16	16p11.2	41	706	135.78	83.80
MPP2	52.26	58.81	0.89	chr17	17q12-q21	44	1101	88.80	63.47
Hs.195391	11.86	13.35	0.89	chr4	N/A	4	304	91.14	49.09
TLK2	61.45	69.16	0.89	chr17	17q23	61	1813	155.78	124.84
KCNA10	12.24	13.78	0.89	chr1	1p13.1	21	453	81.94	98.89
SOX14	7.09	7.98	0.89	chr3	3q22-q23	21	454	74.30	70.66
Hs.667247	9.28	10.45	0.89	chr3	N/A	1	304	0.00	228.52
TAS2R13	9.66	10.87	0.89	chr12	12p13	21	455	69.97	278.27
EIF5A2	19.91	22.41	0.89	chr3	3q26.2	55	1292	66.23	110.23
G3BP1	71.68	80.68	0.89	chr5	5q33.1	54	1746	92.55	406.14
TRMT12	63.06	70.98	0.89	chr8	8q24.13	28	533	49.25	55.33
HIF3A	38.36	43.18	0.89	chr19	19q13.32	94	2422	125.16	436.40
ADORA2A	46.05	51.84	0.89	chr22	22q11.23	42	636	99.68	123.07
CYP4F12	64.33	72.42	0.89	chr19	19p13.1	37	644	420.11	103.16
ARHGAP44	40.71	45.84	0.89	chr17	17p12	45	1020	124.99	101.09
PREX2	12.75	14.35	0.89	chr8	8q13.2	35	1058	82.92	74.28
LOC100131655	10.42	11.73	0.89	chr18	N/A	1	304	0.00	55.46
MMS19	105.06	118.31	0.89	chr10	10q24-q25	40	605	91.12	45.08
SYCP2	10.76	12.12	0.89	chr20	20q13.33	44	902	93.79	203.65
LMTK3	21.71	24.46	0.89	chr19	19q13.33	18	645	123.51	172.13
RAB2B	135.80	152.96	0.89	chr14	14q11.2	37	644	152.06	88.04
Hs.172028	246.94	278.17	0.89	chr15	N/A	17	549	93.88	73.09
LCN6	28.47	32.07	0.89	chr9	9q34.3	22	400	102.80	57.22
Hs.634269	52.10	58.69	0.89	chr10	N/A	7	73	97.94	53.89
PHOSPHO1	25.56	28.79	0.89	chr17	17q21.32	19	385	230.07	181.32
CCDC91	57.18	64.42	0.89	chr12	12p11.22	56	966	77.19	110.97
Hs.522924	78.70	88.66	0.89	chr10	N/A	21	405	195.70	55.75
SLC14A1	35.34	39.82	0.89	chr18	18q11-q12	74	1209	98.73	233.90

BPNT1	32.53	36.65	0.89	chr1	1q41	37	1174	62.78	88.91
KANSL2	83.72	94.34	0.89	chr12	12q13.11	21	460	132.93	49.07
Hs.662794	8.96	10.09	0.89	chr1	N/A	7	73	103.12	78.76
COPS2	119.79	134.98	0.89	chr15	15q21.2	54	1182	90.60	85.32
Hs.659607	80.10	90.26	0.89	chr14	N/A	7	73	24.65	67.33
Hs.127404	14.98	16.88	0.89	chr13	N/A	7	73	143.80	92.83
LAMC2	22.06	24.86	0.89	chr1	1q25-q31	46	980	130.23	91.38
FZD3	54.58	61.51	0.89	chr8	8p21	38	1519	427.40	104.28
DCUN1D4	47.74	53.81	0.89	chr4	4q12	60	1513	259.87	162.34
Hs.654770	32.91	37.10	0.89	chr5	N/A	22	907	75.95	85.10
DPP7	95.79	107.97	0.89	chr9	9q34.3	50	919	60.08	116.82
TAS2R7	12.63	14.24	0.89	chr12	12p13	21	454	69.42	69.83
Hs.710085	62.61	70.57	0.89	chr1	N/A	7	73	91.80	92.38
Hs.662155	12.48	14.07	0.89	chr12	N/A	8	377	78.82	61.98
CYP2F1	19.08	21.51	0.89	chr19	19q13.2	36	520	247.47	111.20
C1orf85	162.25	182.91	0.89	chr1	1q22	26	467	182.92	150.99
IRAK2	19.73	22.24	0.89	chr3	3p25.3	28	1067	122.52	102.25
EFCAB7	39.97	45.06	0.89	chr1	1p31.3	44	548	139.35	109.80
Hs.744236	10.17	11.47	0.89	chr7	N/A	15	450	53.73	81.65
PSKH1	66.38	74.85	0.89	chr16	16q22.1	34	639	78.81	150.13
Hs.654974	21.63	24.39	0.89	chr2	N/A	16	754	56.38	119.40
SH2D3C	43.56	49.12	0.89	chr9	9q34.11	50	1236	148.87	103.72
SIGLEC9	13.19	14.87	0.89	chr19	19q13.41	21	458	89.59	79.27
Hs.603227	13.02	14.68	0.89	chr16	N/A	7	73	47.58	77.49
Hs.223715	6.04	6.82	0.89	chr3	N/A	4	304	26.26	71.77
Hs.711593	3.76	4.24	0.89	chr13	N/A	10	28	36.45	39.66
Hs.568766	9.11	10.27	0.89	chr10	N/A	10	73	81.90	110.18
ZNF460	17.68	19.94	0.89	chr19	19q13.4	28	1339	88.39	95.42
Hs.668345	9.45	10.66	0.89	chr14	N/A	7	73	70.20	63.16
ZBTB20-AS1	16.39	18.49	0.89	chr3	3q13.31	11	332	33.55	118.12
GRIK1-AS2	10.25	11.56	0.89	chr21	21q22.11	27	636	70.08	57.99
Hs.604501	20.01	22.57	0.89	chr3	N/A	1	304	0.00	44.89
Hs.603780	17.60	19.85	0.89	chr15	N/A	1	304	0.00	52.52
CCDC78	15.85	17.88	0.89	chr16	16p13.3	22	396	99.14	151.11
SLC16A10	36.04	40.66	0.89	chr6	6q21-q22	33	902	151.64	147.48
MED16	52.88	59.66	0.89	chr19	19p13.3	71	2364	136.39	84.98
ERCC5	75.64	85.34	0.89	chr13	13q33	34	668	74.82	71.29
INSIG2	73.06	82.44	0.89	chr2	2q14.2	56	768	128.29	85.27
Hs.563806	13.03	14.70	0.89	chr1	N/A	8	377	86.70	64.84
SCN9A	16.77	18.92	0.89	chr2	2q24	53	990	153.80	136.45
SSBP1	128.73	145.26	0.89	chr7	7q34	43	948	119.38	97.34
FSIP1	16.91	19.08	0.89	chr15	15q14	35	585	166.09	143.37
Hs.667875	10.44	11.78	0.89	chr3	N/A	7	73	98.89	58.10
Hs.606333	10.17	11.48	0.89	chr16	N/A	1	304	0.00	58.80
GPRC5C	59.66	67.33	0.89	chr17	17q25	68	936	113.29	111.42
FANCI	35.84	40.45	0.89	chr15	15q26.1	59	1363	204.88	128.21
Hs.132332	13.11	14.79	0.89	chr10	N/A	2	22	51.58	45.27
AFF2	21.81	24.61	0.89	chrX	Xq28	44	1487	155.56	104.12
KDSR	90.36	102.01	0.89	chr18	18q21.3	76	1790	144.89	125.81
Hs.664374	14.88	16.80	0.89	chr11	N/A	15	450	79.07	79.85
NLE1	29.46	33.26	0.89	chr17	17q12	38	997	101.75	66.42
Hs.136017	11.57	13.06	0.89	chr2	N/A	4	304	82.34	101.70
MPND	44.85	50.64	0.89	chr19	19p13.3	27	384	41.21	54.26
Hs.127807	11.25	12.70	0.89	chr6	N/A	8	377	68.58	112.48
C3orf62	35.97	40.63	0.89	chr3	3p21.31	47	939	225.33	204.64
HCST	78.68	88.86	0.89	chr19	19q13.1	27	417	77.08	81.36
ATP2B4	203.88	230.28	0.89	chr1	1q32.1	75	1641	147.65	132.02
NEUROD4	33.99	38.39	0.89	chr12	12q13.2	38	554	168.39	140.02
DHX34	19.46	21.98	0.89	chr19	19q13.3	64	1575	128.50	91.23
Hs.408167	15.07	17.02	0.89	chr4	N/A	7	73	96.59	88.80
ZNF799	22.96	25.93	0.89	chr19	19p13.2	19	28	44.87	41.72
Hs.667665	8.20	9.27	0.89	chr1	N/A	3	326	39.31	82.32
TMEM236	47.60	53.78	0.89	chr10	10p12.33	10	73	116.05	56.17
Hs.614167	3.77	4.26	0.89	chr2	N/A	1	304	0.00	82.34
Hs.256897	45.25	51.13	0.89	chr6	N/A	22	523	272.13	179.98
SND1	137.80	155.71	0.89	chr7	7q31.3	56	858	117.00	92.07
MROH7	53.40	60.34	0.88	chr1	1p32.3	42	1060	106.15	97.55
NGRN	367.04	414.75	0.88	chr15	15q26.1	35	785	150.61	79.41
LIG4	40.32	45.56	0.88	chr13	13q33-q34	64	1009	235.14	197.03
FAM138B	27.74	31.35	0.88	chr2	2q14.1	10	38	39.43	92.10
CTAG2	9.63	10.88	0.88	chrX	Xq28	31	927	122.57	82.44
LGALS1	1,082.16	1,223.08	0.88	chr22	22q13.1	38	583	76.15	103.41
CD248	129.26	146.09	0.88	chr11	11q13	21	465	80.96	114.54
Hs.145036	8.08	9.13	0.88	chr6	N/A	9	681	41.77	76.59
Hs.667140	11.21	12.67	0.88	chr10	N/A	7	73	46.10	88.98
FKBP9	188.48	213.05	0.88	chr7	7p11.1	62	752	116.42	73.15
Hs.310453	104.18	117.77	0.88	chr10	N/A	10	73	68.34	65.99
SMEK2	70.42	79.62	0.88	chr2	2p16.1	48	1929	170.74	214.52
CTRB2	134.94	152.57	0.88	chr16	16q23.1	25	499	134.04	534.80
CPXCR1	7.48	8.46	0.88	chrX	Xq21.3	21	637	93.38	112.91
RNF144A	41.60	47.04	0.88	chr2	2p25.2	43	970	129.89	113.49
Hs.659845	16.89	19.10	0.88	chr10	N/A	7	73	98.19	76.00
Hs.594773	54.48	61.60	0.88	chr11	N/A	16	754	88.68	85.48
WSB1	285.88	323.29	0.88	chr17	17q11.1	128	3021	181.09	151.80
ZNF718	15.75	17.81	0.88	chr4	4p16.3	23	688	90.53	70.49
DAG1	161.54	182.70	0.88	chr3	3p21	48	1037	116.23	98.79
NRG4	13.64	15.43	0.88	chr15	15q24.2	21	445	69.79	150.84
LOC100506107	9.04	10.23	0.88	chr4	4q32-q34	4	304	79.77	55.56
IFIT5	50.42	57.03	0.88	chr10	10q23.31	40	600	121.99	65.64
ADII	371.55	420.29	0.88	chr2	2p25.3	52	905	141.34	102.95
Hs.740731	67.51	76.38	0.88	chr1	N/A	5	51	64.13	51.19
Hs.736471	3.60	4.08	0.88	chr2	N/A	1	304	0.00	54.29
Hs.658941	7.59	8.59	0.88	chr13	N/A	2	608	2.97	77.31

CGB2	31.83	36.02	0.88	chr19	19q13.32	13	40	62.49	78.99
ZNF259	54.17	61.30	0.88	chr11	11q23.3	28	924	52.75	65.87
DCCLK1	54.68	61.88	0.88	chr13	13q13	101	2106	420.71	196.55
ALKBH1	56.02	63.40	0.88	chr14	14q24.3	51	1026	134.65	96.26
Hs.604115	46.97	53.15	0.88	chr9	N/A	3	66	67.49	55.37
Hs.667192	13.45	15.22	0.88	chr14	N/A	11	332	44.42	99.00
ATG16L1	43.93	49.71	0.88	chr2	2q37.1	51	979	131.90	84.70
LYN	94.74	107.23	0.88	chr8	8q13	61	1287	257.51	120.37
SH3BP5L	62.44	70.67	0.88	chr1	1q44	26	469	88.43	51.83
LINC00565	23.36	26.44	0.88	chr13	13q34	1	304	0.00	37.00
Hs.148693	14.86	16.82	0.88	chr18	N/A	5	22	47.94	75.64
ELK4	63.26	71.61	0.88	chr1	1q32	64	2423	252.67	264.94
Hs.659438	28.08	31.79	0.88	chr3	N/A	7	73	87.42	62.48
FADS3	74.43	84.28	0.88	chr11	11q12-q13.1	35	996	97.22	100.61
PPARG	51.65	58.49	0.88	chr3	3p25	64	790	111.67	154.48
Hs.659027	7.62	8.62	0.88	chr11	N/A	7	73	53.86	66.96
SYCE1	11.28	12.77	0.88	chr10	10q26.3	34	712	141.11	188.49
Hs.664073	78.87	89.31	0.88	chr4	N/A	1	304	0.00	79.17
HOXB6	30.26	34.27	0.88	chr17	17q21.3	47	563	114.36	134.34
IL9	7.54	8.54	0.88	chr5	5q31.1	26	492	119.59	82.05
RP1	8.62	9.77	0.88	chr8	8q12.1	24	400	101.90	144.50
CSF1	38.04	43.08	0.88	chr1	1p13.3	83	2048	158.87	134.75
ZNF518B	31.76	35.98	0.88	chr4	4p16.1	55	1194	111.61	77.79
EIF3G	329.59	373.33	0.88	chr19	19p13.2	30	577	70.90	58.31
Hs.660182	15.88	17.99	0.88	chr9	N/A	8	377	79.08	110.18
ADARB1	38.59	43.72	0.88	chr21	21q22.3	79	2176	133.86	137.97
HLA-DOB	32.74	37.09	0.88	chr6	6p21.3	48	918	195.15	140.96
Hs.662511	13.09	14.83	0.88	chr20	N/A	7	73	82.15	96.02
RIOK2	54.15	61.34	0.88	chr5	5q15	134	1052	119.76	184.77
AGXT2L2	99.76	113.02	0.88	chr5	5q35.3	53	1586	170.08	105.61
SNX17	126.85	143.71	0.88	chr2	2p23-p22	32	527	124.91	70.35
ZSCAN12	19.53	22.13	0.88	chr6	6p21	43	1377	181.09	271.58
MKMK1	98.21	111.27	0.88	chr1	1p33	35	1185	84.82	77.03
Hs.743754	24.73	28.01	0.88	chr1	N/A	11	332	48.91	54.93
Hs.732601	11.16	12.65	0.88	chr4	N/A	9	681	101.43	92.88
RENBP	22.45	25.45	0.88	chrX	Xq28	23	497	109.70	102.50
Hs.661939	12.65	14.34	0.88	chr19	N/A	1	304	0.00	53.36
Hs.592329	21.39	24.24	0.88	chr14	N/A	3	66	26.91	61.70
Hs.735943	26.53	30.07	0.88	chr5	N/A	1	304	0.00	35.18
Hs.418822	10.38	11.76	0.88	chr13	N/A	7	73	64.55	75.92
EPS15L1	43.25	49.03	0.88	chr19	19p13.11	43	2052	106.47	82.64
GPR56	115.12	130.51	0.88	chr16	16q13	51	1023	128.56	114.34
Hs.559531	9.94	11.27	0.88	chr9	N/A	7	73	69.70	108.48
HSBP1	238.28	270.16	0.88	chr16	16q23.3	66	1244	87.58	63.24
NRG3	11.31	12.82	0.88	chr10	10q22-q23	18	440	79.10	103.99
TSC22D2	54.57	61.87	0.88	chr3	3q25.1	69	2011	140.92	161.83
DYRK1A	73.47	83.30	0.88	chr21	21q22.13	119	2236	222.05	150.38
Hs.662207	9.55	10.83	0.88	chr1	N/A	1	304	0.00	179.29
MICU2	184.63	209.41	0.88	chr13	13q12.11	29	577	83.25	61.68
Hs.664218	7.59	8.61	0.88	chr2	N/A	7	73	71.48	87.19
CDC42EP2	36.13	40.98	0.88	chr11	11q13	38	985	85.40	91.95
Hs.708615	52.49	59.54	0.88	chr10	N/A	10	73	40.75	42.84
C11orf65	15.04	17.07	0.88	chr11	11q22.3	27	406	102.61	267.12
Hs.679948	7.12	8.08	0.88	chr15	N/A	10	28	34.88	41.10
ACACB	102.09	115.82	0.88	chr12	12q24.11	56	2567	185.51	156.30
Hs.635240	12.17	13.81	0.88	chr2	N/A	7	73	95.77	105.79
CCDC121	17.59	19.96	0.88	chr2	2p23.3	41	585	81.12	104.07
LOC100506922	17.20	19.52	0.88	chr2	N/A	9	681	64.99	82.03
RFXAP	22.39	25.41	0.88	chr13	13q14	43	1003	100.03	85.83
CBX4	124.69	141.50	0.88	chr17	17q25.3	31	879	166.87	195.42
Hs.223795	16.49	18.71	0.88	chr5	N/A	7	370	79.33	62.75
Hs.605151	31.52	35.77	0.88	chr20	N/A	1	304	0.00	53.66
Hs.666055	6.11	6.94	0.88	chr1	N/A	7	73	35.30	86.41
BAG6	228.56	259.40	0.88	chr6	6p21.3	60	1895	84.00	97.00
Hs.666790	16.66	18.90	0.88	chr1	N/A	2	22	62.30	39.87
Hs.722671	14.17	16.09	0.88	chr6	N/A	7	73	57.37	58.05
SLC6A6	33.75	38.31	0.88	chr3	3p25.1	68	1794	99.57	194.48
LOC441179	10.23	11.61	0.88	chr6	6q27	14	377	53.16	164.57
ELMOD2	40.36	45.82	0.88	chr4	4q31.1	41	1458	95.29	118.92
NDUFAF2	127.44	144.70	0.88	chr5	5q12.1	44	473	53.57	258.48
ZFAND5	192.05	218.08	0.88	chr9	9q13-q21	92	2210	167.56	144.03
NUP85	83.30	94.59	0.88	chr17	17q25.1	28	533	58.23	44.28
TMEM145	31.25	35.49	0.88	chr19	19q13.2	20	336	54.24	83.04
Hs.661052	10.11	11.48	0.88	chr20	N/A	7	73	49.02	63.60
TAPBPL	46.89	53.25	0.88	chr12	12p13.31	26	880	67.56	62.20
Hs.664778	25.90	29.42	0.88	chr16	N/A	8	377	82.81	63.54
STK16	39.10	44.41	0.88	chr2	2q35	47	887	87.68	63.43
MTHFD1	114.05	129.53	0.88	chr14	14q24	46	762	101.90	94.07
BLVRB	166.29	188.87	0.88	chr19	19q13.1-q13.2	38	694	122.44	127.34
PACSL1	48.18	54.72	0.88	chr6	6p21.3	44	870	95.21	571.04
ST3GAL4-AS1	20.96	23.80	0.88	chr11	11q24.2	16	760	99.06	59.37
Hs.666275	22.96	26.08	0.88	chr6	N/A	7	73	53.62	85.57
Hs.603633	27.09	30.77	0.88	chr1	N/A	2	22	29.01	61.75
TARBP2	66.69	75.77	0.88	chr12	12q12-q13	33	577	90.17	44.57
SLC22A13	12.25	13.92	0.88	chr3	3p21.3	23	492	66.06	103.67
LEO1	50.56	57.45	0.88	chr15	15q21.2	29	469	94.53	54.81
Hs.144222	8.10	9.20	0.88	chr12	N/A	10	73	50.08	68.76
METRN	86.18	97.92	0.88	chr16	16p13.3	28	1119	55.97	117.54
ANKRD34B	8.73	9.92	0.88	chr5	5q14.1	16	28	69.01	64.21
VPS9D1	52.86	60.07	0.88	chr16	16q24	30	577	66.76	66.63
KPNA3	122.32	139.00	0.88	chr13	13q14.3	42	1070	118.58	92.53
HMX1	39.36	44.73	0.88	chr4	4p16.1	34	1024	138.16	145.39
CDKN1C	112.60	127.96	0.88	chr11	11p15.5	76	2856	109.14	131.10

Hs.181536	12.49	14.19	0.88	chr6	N/A	10	73	51.11	99.97
LSM14B	26.31	29.91	0.88	chr20	20q13.33	51	1866	104.39	90.84
GJA5	18.22	20.71	0.88	chr1	1q21.1	41	943	96.34	110.53
PARS2	34.74	39.48	0.88	chr1	1p32.2	36	497	99.67	64.23
NUTM2D	10.26	11.66	0.88	chr10	10q23.2	2	16	52.33	25.59
PRKCG	23.25	26.43	0.88	chr19	19q13.4	39	893	134.16	93.43
Hs.661658	14.39	16.36	0.88	chr7	N/A	7	73	70.78	94.37
ZSCAN4	7.74	8.80	0.88	chr19	19q13.43	33	792	79.75	68.62
STK32A	20.15	22.91	0.88	chr5	5q32	27	761	228.75	192.08
FLJ45743	4.05	4.61	0.88	chr18	18q21.2	10	28	33.20	40.46
PITHD1	112.14	127.50	0.88	chr1	1p36.11	35	1150	129.25	127.66
KLHL18	50.19	57.07	0.88	chr3	3p21.31	63	1354	103.15	75.85
SLC37A1	27.66	31.46	0.88	chr21	21q22.3	29	821	87.57	71.04
TBC1D9B	168.83	192.00	0.88	chr5	5q35.3	70	1984	281.80	62.83
Hs.560583	32.74	37.23	0.88	chr18	N/A	2	22	32.59	59.82
GPR180	16.15	18.37	0.88	chr13	13q32.1	64	2184	87.20	81.46
RAD21	193.82	220.51	0.88	chr8	8q24	48	1025	200.54	92.13
FOXM1	34.47	39.22	0.88	chr12	12p13	31	572	107.07	160.69
FOPNL	110.66	125.92	0.88	chr16	16p13.11	40	905	117.96	87.19
Hs.434661	9.16	10.43	0.88	chr6	N/A	1	304	0.00	50.04
PCDH9-AS3	16.62	18.92	0.88	chr13	N/A	5	22	71.45	64.03
NHP2	183.08	208.36	0.88	chr5	5q35.3	40	1043	72.69	96.62
WDR13	108.05	122.98	0.88	chrX	Xp11.23	40	593	110.07	70.31
TYK2	93.08	105.95	0.88	chr19	19p13.2	48	619	123.05	74.76
Hs.659294	17.94	20.42	0.88	chr4	N/A	8	377	44.45	56.76
CLEC16A	40.69	46.33	0.88	chr16	16p13.13	49	1066	170.46	74.56
Hs.562001	154.01	175.34	0.88	chr16	N/A	1	304	0.00	22.30
Hs.646379	11.59	13.20	0.88	chr19	N/A	2	608	18.44	54.88
EFCC1	15.17	17.27	0.88	chr3	3q21.3	25	823	64.74	120.07
SLITRK4	20.36	23.18	0.88	chrX	Xq27.3	39	793	100.94	142.42
GFRA2	21.95	25.00	0.88	chr8	8p21.3	57	1081	131.22	87.22
Hs.570161	8.35	9.51	0.88	chr2	N/A	2	22	75.53	57.92
AUH	91.17	103.81	0.88	chr9	9q22.31	37	650	85.84	80.70
Hs.105791	26.08	29.70	0.88	chr1	N/A	26	825	106.56	68.42
Hs.294131	13.24	15.07	0.88	chr6	N/A	7	73	77.62	103.58
Hs.666860	6.57	7.48	0.88	chr17	N/A	7	73	21.78	82.20
SIRPG	20.17	22.97	0.88	chr20	20p13	38	787	156.97	98.81
TNIP3	6.62	7.54	0.88	chr4	4q27	21	448	111.32	86.66
MN1	53.17	60.55	0.88	chr22	22q12.1	35	616	94.58	133.51
Hs.535027	8.42	9.59	0.88	chr7	N/A	2	22	33.28	59.57
CDPF1	31.16	35.50	0.88	chr22	22q13.31	35	793	54.06	142.95
RASD2	27.97	31.86	0.88	chr22	22q13.1	27	361	126.39	54.71
Hs.596351	11.10	12.65	0.88	chr1	N/A	7	73	91.90	69.41
GPRASP2	95.27	108.55	0.88	chrX	Xq22.1	16	40	93.94	77.16
Hs.667804	6.88	7.84	0.88	chr16	N/A	7	73	50.41	85.79
CPNE6	52.52	59.84	0.88	chr14	14q11.2	44	1021	281.15	187.45
Hs.521034	8.29	9.45	0.88	chr8	N/A	11	332	53.77	75.55
Hs.562529	15.50	17.67	0.88	chr14	N/A	7	73	136.74	100.48
CD86	31.06	35.39	0.88	chr3	3q21	63	1515	90.39	144.62
Hs.520658	22.47	25.61	0.88	chr1	N/A	1	304	0.00	38.78
RIC8A	139.41	158.87	0.88	chr11	11p15.5	38	561	101.51	57.39
SVEP1	39.11	44.57	0.88	chr9	9q32	92	2912	142.00	179.94
YY1AP1	175.04	199.48	0.88	chr1	1q22	42	910	88.72	106.90
ARID3B	40.10	45.70	0.88	chr15	15q24	28	538	73.64	102.18
SRA1	96.34	109.79	0.88	chr5	5q31.3	56	954	110.59	63.70
C20orf27	42.25	48.16	0.88	chr20	20p13	35	1005	123.30	88.65
CRYAA	24.24	27.64	0.88	chr21	21q22.3	49	726	139.85	161.33
Hs.662901	14.93	17.02	0.88	chr10	N/A	1	304	0.00	95.82
Hs.597044	76.88	87.65	0.88	chr2	N/A	7	73	44.35	49.46
Hs.542298	8.73	9.95	0.88	chr20	N/A	10	73	75.76	85.89
Hs.649272	17.81	20.31	0.88	chr7	N/A	8	51	54.98	160.68
Hs.601573	10.36	11.81	0.88	chr8	N/A	7	73	123.88	85.49
VAPA	224.12	255.58	0.88	chr18	18p11.22	86	2131	349.83	149.65
ZNF354A	34.52	39.37	0.88	chr5	5q35.3	28	553	212.82	99.98
ARHGAP24	35.71	40.72	0.88	chr4	4q22.1	91	1738	114.09	110.67
PLCB4	41.94	47.83	0.88	chr20	20p12	85	1776	90.25	143.54
Hs.397001	13.91	15.86	0.88	chr5	N/A	12	636	33.10	95.11
AASS	36.26	41.36	0.88	chr7	7q31.3	45	1070	69.22	112.30
Hs.679803	6.00	6.84	0.88	chr2	N/A	1	304	0.00	69.32
MIER1	69.92	79.77	0.88	chr1	1p31.3	77	1416	154.56	144.94
ITM2B	1,363.80	1,555.86	0.88	chr13	13q14.3	47	1109	120.58	75.72
OR7A10	9.75	11.12	0.88	chr19	19p13.12	18	448	47.45	104.39
Hs.540448	6.67	7.61	0.88	chr16	N/A	5	22	56.28	128.40
MALAT1	1,564.61	1,785.02	0.88	chr11	11q13.1	93	3536	212.91	117.73
Hs.575530	6.41	7.31	0.88	chr2	N/A	10	73	85.18	83.12
C2orf53	38.21	43.60	0.88	chr2	2p23.3	19	447	208.15	238.63
ZNF761	28.81	32.87	0.88	chr19	19q13.42	36	94	79.51	89.11
GPX7	45.54	51.96	0.88	chr1	1p32	40	598	59.50	68.98
LOC100288238	6.82	7.79	0.88	chr9	9p21.3	4	304	20.72	81.34
Hs.162411	52.62	60.05	0.88	chr2	N/A	1	304	0.00	85.31
Hs.149771	9.34	10.66	0.88	chr11	N/A	5	22	109.62	50.22
LOC100130507	6.78	7.74	0.88	chr11	11q25	10	30	25.91	35.93
TMEM131	92.74	105.84	0.88	chr2	2q11.2	38	904	137.38	97.87
C6orf89	90.22	102.98	0.88	chr6	6p21.2	76	1869	144.01	88.05
LOC100288142	138.78	158.42	0.88	chr1	1q21.2	27	174	76.50	106.34
Hs.604166	9.50	10.84	0.88	chr13	N/A	2	22	54.96	67.49
FBLN7	33.65	38.41	0.88	chr2	2q13	26	469	74.99	53.23
FAM149A	33.91	38.71	0.88	chr4	4q35.1	62	1535	242.76	93.56
RBM6	169.02	192.96	0.88	chr3	3p21.3	46	1348	248.77	143.71
Hs.442306	10.40	11.87	0.88	chr1	N/A	10	73	51.03	88.78
SMARCC1	104.29	119.06	0.88	chr3	3p21.31	67	2006	283.07	134.45
Hs.660917	16.13	18.42	0.88	chr2	N/A	14	146	46.44	95.27
BNC1	18.74	21.39	0.88	chr15	15q25.2	43	872	118.26	136.28

NPC2	560.82	640.41	0.88	chr14	14q24.3	28	555	107.61	65.91
NIP7	39.14	44.70	0.88	chr16	16q22.1	34	888	92.85	79.26
Hs.171480	11.38	13.00	0.88	chr1	N/A	1	304	0.00	57.74
Hs.662613	14.48	16.54	0.88	chr6	N/A	16	754	64.97	90.12
EFCAB14	127.56	145.68	0.88	chr1	1p33	57	2772	111.94	133.57
PPP1R9A	42.77	48.85	0.88	chr7	7q21.3	54	2037	189.71	161.06
BTBD6	315.07	359.83	0.88	chr14	14q32	26	469	86.41	90.87
NIP2	120.21	137.30	0.88	chr15	15q11.2	45	1065	185.85	90.19
BANF1	315.76	360.67	0.88	chr11	11q13.1	34	557	88.83	65.26
METTL22	65.46	74.78	0.88	chr16	16p13.2	63	1039	91.20	418.44
ADK	71.40	81.57	0.88	chr10	10q11-q24	60	1182	124.86	113.31
Hs.602706	16.01	18.29	0.88	chr7	N/A	7	73	95.32	89.33
Hs.655534	22.59	25.81	0.88	chr10	N/A	9	681	87.87	304.87
PHTF1	29.80	34.05	0.88	chr1	1p13	50	1438	101.47	82.61
Hs.430851	18.02	20.59	0.88	chr19	N/A	7	73	83.92	84.38
Hs.596133	34.87	39.85	0.88	chr15	N/A	5	51	21.93	49.46
SSX7	5.29	6.04	0.87	chrX	Xp11.23	13	37	73.03	102.43
Hs.706911	48.47	55.40	0.87	chr4	N/A	7	73	27.86	66.22
LOC100129112	5.17	5.91	0.87	chr17	17q23.2	1	304	0.00	61.36
KIAA0391	68.35	78.12	0.87	chr14	14q13.2	49	1083	107.77	102.85
LOC100506365	88.92	101.65	0.87	chr8	N/A	118	622	33.12	61.39
RPS6KL1	55.76	63.74	0.87	chr14	14q24.3	42	497	165.51	166.62
Hs.661303	12.30	14.06	0.87	chr11	N/A	1	304	0.00	68.82
CCT6A	162.56	185.86	0.87	chr7	7p11.2	48	1025	57.42	65.50
LOC100506908	9.85	11.27	0.87	chr6	N/A	13	139	70.55	98.07
Hs.136495	14.63	16.73	0.87	chr1	N/A	10	73	50.77	94.12
Hs.710432	49.41	56.50	0.87	chrX	N/A	4	304	64.52	36.22
Hs.653661	9.47	10.83	0.87	chr13	N/A	14	146	148.11	82.16
Hs.150823	8.94	10.22	0.87	chr8	N/A	7	73	64.13	65.78
TMEM242	38.18	43.66	0.87	chr6	6q25.3	77	1742	84.50	77.56
ZNF813	27.84	31.84	0.87	chr19	19q13.42	25	117	51.43	75.91
Hs.28659	10.85	12.41	0.87	chr1	N/A	7	73	120.87	168.20
ZER1	47.55	54.39	0.87	chr9	9q34.11	60	1842	98.62	109.30
PSMC5	238.05	272.30	0.87	chr17	17q23.3	33	589	102.67	49.13
HAMP	114.07	130.49	0.87	chr19	19q13.1	28	538	112.01	507.25
MIEN1	206.26	235.95	0.87	chr17	17q12	19	396	119.14	55.75
Hs.445442	29.64	33.91	0.87	chr11	N/A	4	304	26.07	69.86
Hs.662415	17.15	19.62	0.87	chr11	N/A	7	73	130.37	108.26
Hs.666817	12.34	14.12	0.87	chr12	N/A	7	73	159.95	95.37
Hs.670581	3.53	4.04	0.87	chr4	N/A	10	29	17.72	33.06
CHIT1	31.36	35.87	0.87	chr1	1q32.1	20	494	182.74	207.85
Hs.558268	10.29	11.78	0.87	chr6	N/A	10	73	104.40	103.74
TRPC4AP	71.56	81.88	0.87	chr20	20q11.22	33	560	85.27	43.20
PIGZ	54.12	61.93	0.87	chr3	3q29	21	460	30.75	49.61
FNBPI1L	88.08	100.80	0.87	chr1	1p22.1	42	652	98.50	88.08
CT47A11	65.81	75.32	0.87	chrX	Xq24	32	84	149.51	141.14
Hs.570269	11.22	12.85	0.87	chr2	N/A	7	73	140.88	104.18
Hs.713774	145.41	166.44	0.87	chr17	N/A	7	73	96.55	62.77
Hs.720851	17.48	20.01	0.87	chr15	N/A	4	370	79.06	103.51
Hs.666141	9.60	10.99	0.87	chr8	N/A	7	73	69.55	58.41
APBA3	45.83	52.46	0.87	chr19	19p13.3	35	997	98.14	76.84
Hs.154655	10.94	12.52	0.87	chr13	N/A	1	304	0.00	65.80
CTNND2	42.50	48.65	0.87	chr5	5p15.2	60	1470	89.43	228.87
Hs.661374	72.37	82.85	0.87	chr5	N/A	17	466	152.42	99.73
ORMDL1	66.67	76.33	0.87	chr2	2q32	54	1503	81.13	98.33
TRIM11	53.41	61.15	0.87	chr1	1q42.13	45	810	148.88	120.78
PORCN	61.15	70.02	0.87	chrX	Xp11.23	31	538	75.57	51.35
Hs.130971	8.20	9.39	0.87	chr2	N/A	10	73	64.85	114.94
Hs.666651	10.91	12.49	0.87	chr7	N/A	2	22	64.60	54.88
Hs.664089	26.09	29.88	0.87	chr18	N/A	7	73	33.01	61.30
Hs.664911	11.14	12.76	0.87	chr9	N/A	2	22	43.57	63.56
LOC100506457	28.24	32.35	0.87	chr2	N/A	1	304	0.00	37.66
LOC100652778	8.06	9.23	0.87	chr18	N/A	1	304	0.00	55.93
LOC100506538	6.33	7.25	0.87	chr8	N/A	11	332	31.26	71.37
Hs.150477	9.28	10.64	0.87	chr8	N/A	2	22	17.95	47.49
Hs.562122	8.28	9.48	0.87	chr1	N/A	13	28	105.24	67.81
RNF113A	58.84	67.40	0.87	chrX	Xq25-q26	30	577	64.37	65.49
Hs.134848	7.67	8.79	0.87	chr14	N/A	7	73	40.09	84.46
Hs.666071	19.45	22.28	0.87	chr10	N/A	14	146	109.38	83.68
FLJ32756	7.83	8.97	0.87	chr22	22q13.31	11	333	33.61	60.36
Hs.689505	9.82	11.25	0.87	chr7	N/A	7	73	83.49	121.59
C7orf25	28.16	32.26	0.87	chr7	7p14.1	36	965	72.72	71.90
DNAJC9-AS1	61.41	70.37	0.87	chr10	10q22.2	1	304	0.00	40.00
FLJ25715	15.72	18.01	0.87	chr18	18q23	23	111	263.91	87.29
CXCR5	19.10	21.89	0.87	chr11	11q23.3	55	1091	154.48	118.94
FAM204A	71.62	82.07	0.87	chr10	10q26.11	51	1219	112.57	116.46
Hs.667540	6.88	7.89	0.87	chr15	N/A	3	326	71.73	63.64
LOC100129069	10.29	11.79	0.87	chr11	11q24.2	2	617	74.20	82.85
OPRL1	21.77	24.95	0.87	chr20	20q13.33	37	915	82.52	62.15
Hs.660523	32.11	36.80	0.87	chr1	N/A	7	73	78.19	66.33
AREL1	45.52	52.18	0.87	chr14	14q24.3	31	1196	91.63	107.16
Hs.665286	111.95	128.33	0.87	chr7	N/A	7	73	97.53	136.58
MUS81	65.60	75.21	0.87	chr11	11q13	55	965	70.23	82.03
Hs.145251	6.13	7.02	0.87	chr14	N/A	2	22	63.97	46.99
Hs.563176	27.57	31.61	0.87	chr3	N/A	1	304	0.00	48.18
ACPT	51.18	58.68	0.87	chr19	19q13.4	20	344	100.49	56.98
Hs.657663	10.40	11.92	0.87	chr11	N/A	2	22	34.52	54.28
LDLR	55.45	63.57	0.87	chr19	19p13.2	83	2845	174.61	188.14
Hs.126962	23.31	26.72	0.87	chr19	N/A	18	450	110.79	65.70
LOC283731	9.71	11.13	0.87	chr15	15q24.1	1	313	0.00	63.72
FAM188A	52.27	59.94	0.87	chr10	10p13	33	922	102.96	80.84
Hs.664457	4.86	5.57	0.87	chr2	N/A	7	73	52.04	79.24
ECHDC2	186.00	213.35	0.87	chr1	1p32.3	66	1439	138.40	140.97

Hs.13211	24.83	28.48	0.87	chr4	N/A	1	304	0.00	50.95
Hs.666107	9.93	11.40	0.87	chr2	N/A	7	73	52.11	77.60
NCKAP5	13.18	15.12	0.87	chr2	2q21.2	59	546	90.55	134.42
SLCO3A1	75.74	86.90	0.87	chr15	15q26	93	1933	96.29	80.68
Hs.616763	7.50	8.61	0.87	chr11	N/A	1	304	0.00	78.73
Hs.604210	11.59	13.30	0.87	chr13	N/A	7	73	126.58	90.03
NRG1-IT3	6.22	7.14	0.87	chr8	N/A	2	22	3.86	78.21
Hs.668252	26.87	30.84	0.87	chr16	N/A	7	73	197.24	186.22
SCRT1	15.99	18.35	0.87	chr8	8q24.3	48	904	104.39	122.57
CISD2	50.80	58.31	0.87	chr4	4q24	49	1296	84.86	104.44
ZNF839	40.12	46.04	0.87	chr14	14q32.31	46	981	110.48	50.92
Hs.667553	18.56	21.30	0.87	chr11	N/A	2	22	5.61	61.23
Hs.587278	10.19	11.70	0.87	chr4	N/A	1	304	0.00	77.81
LOC100130548	11.15	12.80	0.87	chr9	9q34.2	1	304	0.00	92.28
RIPPLY1	22.23	25.52	0.87	chrX	Xq22.3	20	459	254.99	135.25
PTF1A	20.78	23.85	0.87	chr10	10p12.2	26	56	61.90	107.99
Hs.636119	8.73	10.02	0.87	chr9	N/A	1	304	0.00	66.37
PAICS	73.64	84.53	0.87	chr4	4q12	74	1524	126.83	98.62
Hs.671201	13.08	15.02	0.87	chr19	N/A	1	304	0.00	52.84
TRDV3	16.42	18.85	0.87	chr14	14q11	1	304	0.00	58.75
Hs.708518	67.33	77.30	0.87	chr2	N/A	7	73	51.53	35.38
Hs.602929	14.51	16.67	0.87	chr6	N/A	14	146	104.63	66.51
Hs.633191	16.31	18.73	0.87	chr20	N/A	4	304	74.92	54.63
Hs.664817	15.51	17.82	0.87	chr4	N/A	7	73	44.17	127.23
Hs.644804	22.29	25.60	0.87	chr14	N/A	15	450	124.04	80.66
CLCN7	79.71	91.55	0.87	chr16	16p13	47	1481	228.65	93.18
Hs.148179	9.03	10.38	0.87	chr8	N/A	6	66	47.70	77.34
Hs.633885	18.00	20.68	0.87	chr6	N/A	20	101	108.56	81.40
IL5RA	14.02	16.11	0.87	chr3	3p26-p24	63	1884	99.52	89.99
Hs.665787	7.30	8.39	0.87	chr4	N/A	8	377	46.76	82.45
KIF1B	102.13	117.34	0.87	chr1	1p36.2	110	2055	168.78	159.75
SP7	13.84	15.91	0.87	chr12	12q13.13	19	384	68.52	95.13
FAN1	73.14	84.04	0.87	chr15	15q13.2-q13.3	38	949	126.17	72.70
Hs.575234	8.43	9.69	0.87	chr5	N/A	10	73	59.39	66.74
IFNG	16.30	18.74	0.87	chr12	12q14	52	791	98.56	72.68
CLNS1A	122.64	140.96	0.87	chr11	11q13.5-q14	45	1027	110.31	75.95
ZNF732	17.28	19.87	0.87	chr4	4p16.3	2	24	26.15	55.21
MARCH7	71.99	82.76	0.87	chr2	2q24.2	54	1706	135.20	117.08
Hs.706380	57.50	66.10	0.87	chr20	N/A	7	73	53.32	52.37
RELT	44.03	50.62	0.87	chr11	11q13.4	45	560	153.95	91.53
MED6	36.16	41.58	0.87	chr14	14q24.2	59	1574	156.91	78.15
DUSP6	238.77	274.52	0.87	chr12	12q22-q23	57	1563	171.05	166.17
PARK2	20.42	23.48	0.87	chr6	6q25.2-q27	54	1467	85.52	123.42
Hs.667181	12.77	14.68	0.87	chr15	N/A	2	22	35.92	72.94
LOC100131508	5.90	6.78	0.87	chr6	6q14.1	3	320	67.89	67.73
Hs.600626	24.08	27.68	0.87	chr10	N/A	7	73	110.54	61.09
C1QTNF9B	12.58	14.46	0.87	chr13	13q12.12	19	28	68.04	82.39
Hs.656932	12.54	14.42	0.87	chr10	N/A	8	377	70.45	86.04
PANX1	31.60	36.33	0.87	chr11	11q21	73	947	155.16	88.76
GPR162	29.00	33.35	0.87	chr12	12p13	43	605	153.13	116.59
Hs.668333	6.73	7.74	0.87	chr7	N/A	1	304	0.00	66.78
ASNA1	86.85	99.87	0.87	chr19	19q13.3	37	650	119.82	59.18
Hs.669200	9.96	11.45	0.87	chr1	N/A	10	28	37.00	84.77
Hs.600890	12.09	13.91	0.87	chr5	N/A	7	73	130.77	81.85
Hs.736248	6.50	7.47	0.87	chr18	N/A	1	304	0.00	61.21
Hs.728849	12.42	14.29	0.87	chr6	N/A	10	28	30.84	91.35
Hs.99745	7.37	8.48	0.87	chr19	N/A	8	377	46.69	87.46
LTBP3	106.49	122.49	0.87	chr11	11q13.1	56	1247	113.99	103.72
SIKE1	33.43	38.45	0.87	chr1	1p13.2	66	2261	182.78	110.30
Hs.669066	9.21	10.59	0.87	chr11	N/A	1	304	0.00	52.70
NARFL	48.12	55.36	0.87	chr16	16p13.3	28	533	66.83	78.48
LOC100506544	20.44	23.52	0.87	chr22	N/A	20	56	48.29	44.76
OR6K2	16.56	19.06	0.87	chr1	1q23.1	13	28	48.37	60.72
RBKS	45.18	51.98	0.87	chr2	2p23.3	33	958	55.52	79.58
DUSP14	67.77	77.98	0.87	chr17	17q12	37	650	65.03	75.06
RAB11B	41.33	47.56	0.87	chr19	19p13.2	40	1044	84.60	77.68
LMNB2	42.68	49.11	0.87	chr19	19p13.3	30	572	118.38	67.94
Hs.656829	10.48	12.06	0.87	chr6	N/A	8	377	95.55	104.31
GTPBP3	58.84	67.72	0.87	chr19	19p13.11	28	775	127.57	138.76
Hs.596234	94.43	108.68	0.87	chr7	N/A	7	73	96.42	62.34
KAAG1	16.72	19.25	0.87	chr6	6p22.1	19	392	55.95	64.93
Hs.644710	218.90	251.97	0.87	chr16	N/A	15	87	42.30	45.94
Hs.129561	13.05	15.02	0.87	chr11	N/A	10	73	72.22	93.24
Hs.240182	9.75	11.23	0.87	chr3	N/A	7	73	98.40	77.94
Hs.657719	14.77	17.00	0.87	chr17	N/A	3	66	75.46	75.36
Hs.105120	7.73	8.90	0.87	chr8	N/A	7	73	34.22	77.13
Hs.149969	10.87	12.51	0.87	chr18	N/A	7	73	78.41	75.46
Hs.708431	282.28	324.99	0.87	chr7	N/A	14	146	72.81	111.33
NXPE2	5.64	6.50	0.87	chr11	11q23.3	16	28	47.74	31.66
Hs.659388	13.01	14.98	0.87	chr14	N/A	3	66	65.19	121.84
TEC	14.80	17.04	0.87	chr4	4p12	38	580	132.63	122.62
MAN2C1	77.45	89.18	0.87	chr15	15q11-q13	63	1437	99.68	114.19
Hs.660293	11.61	13.37	0.87	chr7	N/A	3	66	95.44	81.74
Hs.710032	6.54	7.53	0.87	chr6	N/A	1	304	0.00	53.32
TM9SF3	142.52	164.14	0.87	chr10	10q24.1	53	1381	157.94	163.73
MARK1	31.03	35.74	0.87	chr1	1q41	47	1537	84.06	88.39
RDH5	53.24	61.32	0.87	chr12	12q13-q14	29	857	91.71	107.29
Hs.128569	9.56	11.01	0.87	chr7	N/A	10	73	81.04	95.85
Hs.597135	10.97	12.64	0.87	chr12	N/A	3	66	70.28	90.58
IL2	5.93	6.83	0.87	chr4	4q26-q27	50	703	70.33	71.53
GPR55	14.12	16.26	0.87	chr2	2q37	32	782	91.96	72.98
Hs.729729	74.76	86.13	0.87	chr16	N/A	1	304	0.00	47.89
Hs.609547	23.85	27.48	0.87	chr2	N/A	1	304	0.00	33.30

Hs.635263	17.86	20.58	0.87	chr2	N/A	7	73	96.88	88.73
DENND2A	29.24	33.69	0.87	chr7	7q34	62	1543	115.00	84.59
Hs.122193	9.16	10.55	0.87	chr2	N/A	7	73	42.70	65.51
SORBS3	85.51	98.52	0.87	chr8	8p21.3	41	994	91.35	102.68
RNF151	33.14	38.18	0.87	chr16	16p13.3	19	393	78.29	178.44
OR13C4	25.38	29.25	0.87	chr9	9q31.1	17	688	62.84	86.64
TTC37	64.00	73.74	0.87	chr5	5q15	141	1519	92.70	85.64
Hs.524596	14.54	16.76	0.87	chr12	N/A	9	392	58.01	108.39
CX3CL1	74.98	86.40	0.87	chr16	16q13	62	1126	109.19	127.42
EIF1AD	52.74	60.78	0.87	chr11	11q13.1	40	867	94.33	65.60
APIS3	8.80	10.14	0.87	chr2	2q36.1	40	1704	72.53	84.97
FBXL8	11.30	13.03	0.87	chr16	16q22.1	21	448	79.41	87.66
HIST1H1B	5.94	6.85	0.87	chr6	6p22.1	23	492	102.75	107.06
Hs.147751	7.88	9.08	0.87	chr14	N/A	3	66	69.85	77.12
KLRC3	11.36	13.10	0.87	chr12	12p13	36	572	126.53	109.98
CD33	24.58	28.34	0.87	chr19	19q13.3	37	602	91.35	98.74
WDR12	94.97	109.50	0.87	chr2	2q33.2	24	460	56.08	38.04
TPRA1	41.07	47.36	0.87	chr3	3q21.2	28	538	58.33	51.97
JMID6	52.52	60.57	0.87	chr17	17q25	55	1874	100.71	109.35
SZRD1	97.36	112.28	0.87	chr1	1p36.13	76	2046	120.33	221.66
WDR63	13.20	15.23	0.87	chr1	1p22.3	19	385	84.50	156.64
Hs.27261	15.86	18.29	0.87	chr21	N/A	18	409	116.54	163.75
UPRT	46.30	53.40	0.87	chrX	Xq13.3	36	491	84.23	51.14
CTSA	183.27	211.37	0.87	chr20	20q13.1	38	583	62.29	61.97
Hs.250281	9.48	10.93	0.87	chr20	N/A	3	66	99.22	86.20
Hs.587843	10.25	11.82	0.87	chr15	N/A	4	304	60.03	54.59
Hs.658088	40.92	47.20	0.87	chr16	N/A	1	304	0.00	55.67
SGSM3	83.14	95.92	0.87	chr22	22q13.1-q13.2	57	1513	162.53	66.71
LOC550112	26.79	30.90	0.87	chr4	4q13.2	4	55	50.59	63.39
Hs.733998	16.32	18.83	0.87	chr1	N/A	2	22	109.80	57.94
Hs.659916	20.07	23.16	0.87	chr15	N/A	7	73	41.94	55.61
Hs.662709	17.38	20.06	0.87	chr4	N/A	7	73	53.69	83.98
OST4	578.75	667.94	0.87	chr2	2p23.3	18	417	58.96	68.87
IFI35	66.97	77.29	0.87	chr17	17q21	30	589	85.41	62.12
Hs.613663	211.84	244.49	0.87	chr16	N/A	1	304	0.00	34.26
ZNF511	81.93	94.56	0.87	chr10	10q26.3	26	469	94.32	59.91
Hs.603810	7.45	8.60	0.87	chr15	N/A	7	73	63.26	92.44
CACNA1H	33.03	38.13	0.87	chr16	16p13.3	33	869	111.53	90.99
Hs.530140	7.49	8.65	0.87	chr8	N/A	7	73	57.82	86.92
Hs.301956	8.20	9.46	0.87	chr3	N/A	1	304	0.00	58.08
LOC345051	13.10	15.13	0.87	chr4	4q31.22	5	52	60.75	77.47
IGBP1	165.93	191.60	0.87	chrX	Xq13.1-q13.3	40	605	79.98	74.42
CNDP2	130.02	150.14	0.87	chr18	18q22.3	63	1343	193.31	141.76
LOC644794	28.18	32.54	0.87	chr7	7q11.21	1	304	0.00	47.60
Hs.569035	11.99	13.85	0.87	chr11	N/A	8	384	60.74	178.26
FAM89B	132.19	152.69	0.87	chr11	11q13	35	1004	86.50	70.30
RASSF8	27.70	31.99	0.87	chr12	12p12.3	78	1175	115.86	189.36
Hs.693806	129.63	149.74	0.87	chr12	N/A	7	73	97.82	154.61
Hs.665133	20.95	24.20	0.87	chr19	N/A	1	304	0.00	78.51
Hs.570114	10.17	11.74	0.87	chr2	N/A	3	66	64.41	69.09
ATP8B4	20.52	23.70	0.87	chr15	15q21.2	26	510	110.74	108.37
GBA	38.83	44.86	0.87	chr1	1q21	45	1123	96.97	87.70
FSTL5	18.24	21.07	0.87	chr4	4q32.3	30	562	173.79	134.36
Hs.731722	61.42	70.96	0.87	chr1	N/A	17	487	52.83	79.24
Hs.658370	121.06	139.87	0.87	chr1	N/A	4	304	57.05	112.55
CACNA1G	13.74	15.87	0.87	chr17	17q22	61	2221	101.50	110.58
Hs.659293	33.72	38.96	0.87	chr5	N/A	8	378	60.41	93.11
EXOSC8	78.00	90.14	0.87	chr13	13q13.1	39	600	73.97	74.84
SPECC1L	80.70	93.26	0.87	chr22	22q11.23	54	734	140.89	70.21
Hs.661952	23.48	27.14	0.87	chr1	N/A	1	304	0.00	46.80
Hs.604373	231.35	267.39	0.87	chrX	N/A	14	146	79.79	69.06
METTL13	54.44	62.93	0.87	chr1	1q24-q25.3	53	1445	107.00	51.32
Hs.570535	10.57	12.22	0.87	chr3	N/A	5	22	50.16	67.16
Hs.467411	126.24	145.93	0.87	chr1	N/A	8	377	69.91	58.46
Hs.594727	6.66	7.70	0.87	chr2	N/A	7	73	46.88	67.38
OXCT2	35.33	40.84	0.87	chr1	1p34	50	887	92.42	193.37
GABRG3	9.62	11.13	0.86	chr15	15q12	26	808	98.75	83.49
TFPI	44.19	51.09	0.86	chr2	2q32	66	2277	125.45	158.22
F10	46.19	53.41	0.86	chr13	13q34	30	577	58.39	145.00
Hs.134830	56.29	65.08	0.86	chr3	N/A	7	73	79.21	91.17
IL21R	83.97	97.10	0.86	chr16	16p11	60	1356	391.68	496.58
IDS	88.34	102.16	0.86	chrX	Xq28	125	4283	245.06	181.36
ATP6V0D1	299.03	345.81	0.86	chr16	16q22.1	30	572	77.78	61.11
TRAPPC8	227.34	262.92	0.86	chr18	18q12.1	37	645	180.19	69.61
Hs.732574	7.48	8.65	0.86	chr3	N/A	3	66	57.63	95.47
BCOR	37.01	42.81	0.86	chrX	Xp11.4	62	1600	124.29	86.26
EPN3	36.26	41.95	0.86	chr17	17q21.33	32	787	63.30	91.21
Hs.611129	15.15	17.52	0.86	chr2	N/A	1	304	0.00	45.10
OR5K1	7.20	8.32	0.86	chr3	3q11.2	13	660	51.85	109.84
Hs.662688	11.62	13.44	0.86	chr12	N/A	15	450	88.68	82.82
Hs.591186	21.30	24.64	0.86	chr17	N/A	1	304	0.00	61.34
Hs.665341	9.07	10.50	0.86	chr10	N/A	7	73	47.77	66.91
ZNF222	20.37	23.58	0.86	chr19	19q13.2	43	560	51.58	67.96
IFNAR1	40.42	46.78	0.86	chr21	21q22.11	53	1426	108.23	75.06
C8orf34	12.41	14.37	0.86	chr8	8q13	57	853	108.80	145.46
POU4F2	18.06	20.90	0.86	chr4	4q31.2	23	492	74.13	92.05
Hs.63224	10.79	12.50	0.86	chr6	N/A	14	146	78.96	88.02
RLN3	14.34	16.60	0.86	chr19	19p13.2	24	805	79.88	75.77
Hs.608610	50.90	58.92	0.86	chr19	N/A	1	304	0.00	38.93
Hs.150808	8.93	10.34	0.86	chr4	N/A	10	73	52.15	56.24
TEDDM1	37.38	43.29	0.86	chr1	1q25.3	29	413	334.96	248.89
DNAJC10	62.71	72.61	0.86	chr2	2q32.1	78	1897	93.84	106.58
Hs.659239	33.68	39.00	0.86	chr11	N/A	7	73	54.02	47.72

CCDC8	48.89	56.62	0.86	chr19	19q13.32	27	771	59.70	84.15
CYB5A	266.12	308.22	0.86	chr18	18q23	52	1915	75.25	152.67
CD300E	12.74	14.75	0.86	chr17	17q25.1	16	29	48.53	47.02
PTS	126.82	146.90	0.86	chr11	11q22.3	33	589	66.94	56.13
Hs.711544	123.55	143.11	0.86	chr21	N/A	7	73	55.21	45.36
SLC7A6	43.14	49.97	0.86	chr16	16q22.1	46	1384	107.43	103.47
LOC100505983	6.09	7.06	0.86	chr20	N/A	1	304	0.00	106.41
Hs.659426	6.50	7.53	0.86	chr3	N/A	8	377	50.51	97.37
Hs.6790	249.21	288.74	0.86	chr7	N/A	17	146	73.50	106.28
Hs.575652	11.29	13.08	0.86	chr9	N/A	5	51	48.51	109.43
HTR6	24.10	27.92	0.86	chr1	1p36-p35	24	796	124.59	101.37
Hs.652610	9.43	10.92	0.86	chr17	N/A	7	73	72.44	70.96
LINC00158	12.22	14.16	0.86	chr21	21q21.3	17	332	193.58	102.56
RNF183	36.08	41.81	0.86	chr9	9q32	31	482	71.06	90.79
LOC646652	16.74	19.39	0.86	chr5	5p13.3	20	59	124.27	51.08
KIAA0232	112.53	130.41	0.86	chr4	4p16.1	41	898	133.59	96.02
Hs.655314	99.93	115.80	0.86	chr8	N/A	8	377	113.04	46.31
Hs.728430	65.34	75.72	0.86	chr8	N/A	14	146	68.14	75.23
UBE2K	115.05	133.34	0.86	chr4	4p14	69	1576	133.13	77.68
Hs.737589	21.57	25.01	0.86	chr9	N/A	1	304	0.00	58.63
ITGA6	122.49	141.97	0.86	chr2	2q31.1	64	1615	138.51	149.01
STYX	22.01	25.51	0.86	chr14	N/A	62	1455	80.26	111.03
FTSJ3	94.98	110.10	0.86	chr17	17q23.3	30	597	85.80	62.56
Hs.659444	13.54	15.70	0.86	chr1	N/A	8	377	64.11	79.76
GGAI1	272.44	315.87	0.86	chr22	22q13.31	60	1708	236.68	144.33
CDHR2	42.48	49.26	0.86	chr5	5q35.2	21	452	65.63	77.07
Hs.659636	141.03	163.54	0.86	chr6	N/A	22	523	205.56	269.53
Hs.604165	12.20	14.15	0.86	chr15	N/A	2	22	72.13	60.74
Hs.578994	8.03	9.31	0.86	chr16	N/A	2	22	56.28	66.72
LOC100128909	10.70	12.41	0.86	chr9	9q22.2-q22.31	6	386	85.72	85.61
U2AF1L4	33.82	39.23	0.86	chr19	19q13.12	37	433	88.54	75.70
ATP6V0A1	122.38	141.95	0.86	chr17	17q21	42	1066	99.61	112.41
KIF17	23.22	26.93	0.86	chr1	1p36.12	25	530	87.75	95.68
ZDHH14	38.59	44.77	0.86	chr6	6q25.3	60	1084	88.73	169.30
RBM7	58.33	67.67	0.86	chr11	11q23.1-q23.2	36	915	177.59	68.00
GNAI2	133.25	154.58	0.86	chr3	3p21.31	37	1036	139.17	125.57
LINC00320	8.38	9.72	0.86	chr21	21q21.1	11	701	80.42	98.36
Hs.601003	11.92	13.83	0.86	chr12	N/A	7	73	91.75	104.78
FOLR3	18.55	21.52	0.86	chr11	11q13	23	500	104.04	249.80
RRP9	35.34	41.00	0.86	chr3	3p21.2	35	628	56.53	78.79
CENPJ	24.53	28.46	0.86	chr13	13q12.12	51	1346	140.06	101.10
Hs.712891	108.49	125.88	0.86	chr19	N/A	7	73	65.68	58.71
NIN	33.48	38.85	0.86	chr14	14q22.1	119	2574	144.59	137.57
Hs.27705	15.55	18.04	0.86	chr6	N/A	7	73	52.23	77.97
STARD10	109.02	126.50	0.86	chr11	11q13	38	1105	245.15	285.99
RBM38	68.32	79.28	0.86	chr20	20q13.31	54	716	89.81	141.87
CTNBL1	76.75	89.07	0.86	chr20	20q11.23-q12	46	758	89.66	157.33
Hs.654686	13.25	15.38	0.86	chr18	N/A	1	304	0.00	88.28
Hs.540180	9.43	10.94	0.86	chr15	N/A	8	51	73.11	64.16
Hs.567725	88.00	102.13	0.86	chr4	N/A	7	73	99.39	89.56
Hs.714504	16.32	18.94	0.86	chr6	N/A	1	304	0.00	71.50
CTDSPL	57.24	66.44	0.86	chr3	3p21.3	81	2516	169.39	120.10
Hs.635771	6.76	7.84	0.86	chr20	N/A	3	326	23.85	105.10
Hs.660263	17.65	20.49	0.86	chr11	N/A	9	681	181.10	94.32
ENO1	332.54	386.07	0.86	chr1	1p36.2	73	1680	179.06	144.04
LOC728730	20.72	24.06	0.86	chr2	2p22.1	2	613	35.72	64.62
ZZEF1	48.81	56.67	0.86	chr17	17p13.2	76	1708	120.23	94.49
Hs.121492	8.11	9.42	0.86	chr14	N/A	8	763	73.82	86.48
ATXN8OS	23.83	27.67	0.86	chr13	13q21	13	841	80.81	80.69
LOC284023	64.65	75.06	0.86	chr17	17p13.1	5	52	21.43	36.10
Hs.369825	9.01	10.46	0.86	chr1	N/A	7	73	95.39	87.93
CXCL11	8.69	10.09	0.86	chr4	4q21.2	41	944	67.74	112.62
C1orf141	12.29	14.27	0.86	chr1	1p31.3	9	66	99.48	188.96
FAM174B	43.32	50.30	0.86	chr15	15q26.1	38	1403	81.73	149.70
RCHY1	44.59	51.78	0.86	chr4	4q21.1	72	2003	110.31	87.60
SHISA5	235.61	273.63	0.86	chr3	3p21.31	39	484	106.95	88.59
RNF220	120.09	139.47	0.86	chr1	1p34.1	41	549	60.18	68.61
Hs.609130	16.48	19.14	0.86	chr9	N/A	1	304	0.00	49.82
Hs.157295	32.19	37.39	0.86	chr8	N/A	4	304	54.64	49.90
Hs.569510	41.30	47.96	0.86	chr15	N/A	1	304	0.00	59.76
Hs.21195	8.73	10.14	0.86	chr1	N/A	39	1008	59.96	736.99
IFT20	137.16	159.32	0.86	chr17	17q11.2	41	1104	196.70	186.97
Hs.134057	5.18	6.02	0.86	chr17	N/A	1	304	0.00	92.45
FBLIM1	72.63	84.37	0.86	chr1	1p36.21	50	1412	154.06	125.41
RELA	104.49	121.39	0.86	chr11	11q13	78	1612	158.41	101.84
Hs.741772	210.69	244.77	0.86	chr1	N/A	7	73	66.82	58.67
RAI14	68.21	79.25	0.86	chr5	5p13.3-p13.2	53	818	198.90	106.88
NPTXR	28.25	32.82	0.86	chr22	22q13.1	35	989	72.22	92.34
NEIL2	44.59	51.81	0.86	chr8	8p23.1	27	370	92.41	47.80
Hs.662262	27.70	32.19	0.86	chr8	N/A	3	326	63.38	68.90
Hs.660957	6.32	7.35	0.86	chr19	N/A	8	377	21.66	121.33
MPST	132.56	154.07	0.86	chr22	22q13.1	46	605	96.14	80.50
Hs.56294	100.72	117.08	0.86	chrX	N/A	7	73	49.55	119.88
NPM3	50.81	59.06	0.86	chr10	10q24.31	23	503	69.69	56.75
LOC100507160	6.03	7.01	0.86	chr4	N/A	18	405	65.42	147.96
Hs.664519	14.65	17.04	0.86	chr1	N/A	7	73	65.44	54.11
EPRS	137.24	159.57	0.86	chr1	1q41	49	1500	88.84	87.48
Hs.452445	63.43	73.75	0.86	chr2	N/A	4	304	18.20	48.24
SCN4A	26.23	30.50	0.86	chr17	17q23.3	22	493	175.46	176.39
LOC729291	12.70	14.76	0.86	chr12	12p11.22	9	681	73.52	77.07
Hs.661610	60.16	69.96	0.86	chr17	N/A	4	370	65.94	63.34
SYDE1	42.79	49.76	0.86	chr19	19p13.12	43	2167	113.17	103.57
LCN10	44.96	52.28	0.86	chr9	9q34.3	13	429	149.61	63.14

GPRIN1	16.02	18.62	0.86	chr5	5q35.2	25	719	94.17	84.03
NUPL2	54.71	63.62	0.86	chr7	7p15	40	650	83.65	63.22
Hs.699931	50.09	58.26	0.86	chr11	N/A	7	73	59.51	60.11
Hs.674967	10.24	11.91	0.86	chr4	N/A	1	304	0.00	60.15
HERC2	46.98	54.65	0.86	chr15	15q13	57	1015	132.38	88.14
DHRS7B	60.46	70.34	0.86	chr17	17p12	55	662	69.11	67.93
ZNF805	35.26	41.02	0.86	chr19	19q13.43	20	1058	77.11	66.77
NEU3	22.90	26.64	0.86	chr11	11q13.5	33	1334	103.40	86.82
Hs.599568	28.97	33.70	0.86	chr15	N/A	7	73	62.65	75.49
Hs.348809	20.45	23.80	0.86	chrX	N/A	8	51	88.37	89.70
Hs.661331	10.22	11.90	0.86	chr7	N/A	7	73	44.66	80.13
H2AFB2	12.06	14.04	0.86	chrX	Xq28	25	538	49.79	119.18
TASP1	27.42	31.91	0.86	chr20	20p12.1	29	837	58.48	77.96
OTOP3	9.90	11.53	0.86	chr17	17q25.1	16	28	102.72	70.79
Hs.662611	417.02	485.53	0.86	chr17	N/A	7	73	93.16	98.70
ATP5S	48.37	56.31	0.86	chr14	14q21.3	89	2324	77.74	71.52
Hs.667531	5.89	6.86	0.86	chr1	N/A	4	370	67.87	65.70
LOC100505887	38.34	44.65	0.86	chr1	N/A	10	28	33.84	71.32
FAM109A	47.56	55.39	0.86	chr12	12q24.12	19	387	57.49	73.75
Hs.385663	11.70	13.63	0.86	chr12	N/A	14	333	46.38	45.67
Hs.657024	13.68	15.94	0.86	chr8	N/A	15	450	64.53	75.80
RFWO2	78.15	91.02	0.86	chr1	1q25.1-q25.2	53	863	87.85	67.34
C4orf26	9.61	11.20	0.86	chr4	4q21.1	24	405	45.51	193.18
Hs.734001	13.16	15.33	0.86	chr3	N/A	7	73	98.18	124.14
Hs.572393	40.54	47.23	0.86	chr16	N/A	7	73	60.17	58.07
DHX8	39.65	46.19	0.86	chr17	17q21.31	53	1403	80.52	79.29
OGFOD1	68.16	79.41	0.86	chr16	16q12.2	45	1822	77.94	75.73
Hs.134870	64.75	75.43	0.86	chr15	N/A	7	73	101.68	77.71
Hs.374243	13.10	15.27	0.86	chr2	N/A	10	28	67.98	66.43
Hs.601135	9.75	11.36	0.86	chr4	N/A	7	73	55.61	63.78
DEAF1	41.53	48.39	0.86	chr11	11p15.5	67	1010	119.75	99.87
AGK	61.09	71.18	0.86	chr7	7q34	39	1324	118.34	125.24
DIS3L	122.97	143.28	0.86	chr15	15q22.31	22	462	70.15	59.02
Hs.649136	17.50	20.39	0.86	chrX	N/A	7	73	91.93	79.58
CSTF1	39.55	46.09	0.86	chr20	20q13.2	49	1048	109.96	130.48
Hs.628728	225.27	262.58	0.86	chr5	N/A	26	462	66.81	56.91
TSLP	17.21	20.06	0.86	chr5	5q22.1	33	505	88.69	92.91
CRX	11.41	13.30	0.86	chr19	19q13.3	41	965	83.56	78.57
TUB	36.28	42.29	0.86	chr11	11p15.5	63	1649	103.72	115.04
ZNRD1	74.24	86.55	0.86	chr6	6p21.3	32	1025	50.87	76.33
Hs.148809	9.98	11.63	0.86	chr4	N/A	6	326	70.61	57.94
Hs.587350	6.69	7.80	0.86	chr9	N/A	8	377	41.25	209.74
LOC100128079	21.16	24.67	0.86	chr16	16p11.2	3	320	93.77	51.32
Hs.665051	29.62	34.54	0.86	chr12	N/A	1	304	0.00	53.07
Hs.666457	12.18	14.20	0.86	chr10	N/A	7	73	133.32	87.43
Hs.128234	10.56	12.31	0.86	chr11	N/A	6	66	43.59	61.36
CADPS	31.82	37.10	0.86	chr3	3p14.2	71	2032	163.58	192.07
Hs.328157	3.44	4.01	0.86	chr6	N/A	1	304	0.00	60.16
Hs.664672	55.24	64.43	0.86	chr5	N/A	7	73	66.03	54.83
LOC100506191	21.84	25.47	0.86	chr2	N/A	10	28	11.98	60.24
Hs.525926	8.92	10.41	0.86	chr13	N/A	7	73	54.48	74.30
PRKAR2B	120.08	140.07	0.86	chr7	7q22	47	678	430.46	197.19
Hs.561829	12.38	14.45	0.86	chr8	N/A	10	139	54.16	124.55
DHX16	114.41	133.46	0.86	chr6	6p21.3	30	572	106.14	70.87
FAM222A	72.28	84.33	0.86	chr12	12q24.11	19	396	82.49	118.70
DYNLRB1	248.83	290.31	0.86	chr20	20q11.21	63	1556	139.58	102.72
ZNF823	27.94	32.59	0.86	chr19	19p13.2	23	500	76.03	88.05
Hs.547587	11.80	13.77	0.86	chr10	N/A	10	73	57.00	117.96
MAGEA2	5.37	6.27	0.86	chrX	Xq28	21	846	57.31	120.42
OR1D2	40.60	47.38	0.86	chr17	17p13.3	21	463	68.95	62.85
Hs.734377	8.85	10.33	0.86	chr1	N/A	7	73	26.67	62.84
Hs.674611	9.16	10.68	0.86	chr17	N/A	1	304	0.00	61.12
CREB3L3	22.84	26.65	0.86	chr19	19p13.3	32	432	161.66	325.56
Hs.536955	9.21	10.75	0.86	chr8	N/A	1	304	0.00	56.76
Hs.659847	14.46	16.88	0.86	chr5	N/A	14	146	56.01	79.11
FAM153B	19.07	22.26	0.86	chr5	5q35.2	36	1210	124.77	171.04
RNASEH2B	43.60	50.88	0.86	chr13	13q14.3	57	1829	77.50	98.13
SPON1	56.40	65.84	0.86	chr11	11p15.2	67	2345	161.26	148.47
ORC4	53.18	62.09	0.86	chr2	2q22-q23	45	1025	128.43	93.34
CYP26B1	34.02	39.72	0.86	chr2	2p13.2	32	793	127.49	114.48
Hs.715133	54.93	64.13	0.86	chr2	N/A	1	304	0.00	56.93
Hs.543461	8.25	9.63	0.86	chr4	N/A	6	66	48.88	82.62
Hs.674694	33.52	39.14	0.86	chr4	N/A	1	304	0.00	34.23
REEP5	303.33	354.17	0.86	chr5	5q22-q23	59	1166	98.45	82.05
Hs.663580	13.72	16.02	0.86	chr4	N/A	7	73	78.78	83.53
IFNA21	12.96	15.13	0.86	chr9	9p22	23	494	83.14	86.95
Hs.602982	12.30	14.37	0.86	chr18	N/A	7	73	73.97	81.37
RBM45	36.91	43.10	0.86	chr2	2q31.2	19	360	57.78	40.54
Hs.583592	9.00	10.51	0.86	chr8	N/A	3	321	88.60	65.06
PLD4	18.22	21.27	0.86	chr14	14q32.33	28	664	78.95	82.57
WDR83OS	291.38	340.26	0.86	chr19	19p13.2	48	589	92.79	77.74
ELF2	87.16	101.78	0.86	chr4	4q28	49	1386	134.31	74.59
Hs.659733	61.41	71.71	0.86	chr3	N/A	2	608	11.25	130.67
KCTD21	29.51	34.47	0.86	chr11	11q14.1	16	391	77.36	59.26
TBC1D29	23.33	27.25	0.86	chr17	17q11.2	20	460	115.37	61.55
Hs.732137	350.55	409.44	0.86	chr3	N/A	5	51	49.70	50.91
Hs.634915	11.32	13.22	0.86	chr1	N/A	8	377	44.61	182.61
Hs.732266	11.44	13.36	0.86	chr2	N/A	1	304	0.00	51.08
Hs.654853	6.42	7.50	0.86	chr13	N/A	14	332	105.87	141.16
Hs.707082	129.40	151.18	0.86	chr1	N/A	8	377	143.43	54.25
Hs.147826	32.16	37.57	0.86	chr9	N/A	8	12	29.34	19.31
SLIT3	48.00	56.08	0.86	chr5	5q35	74	1649	95.89	102.50
C1orf86	29.06	33.95	0.86	chr1	1p36.33	49	2938	140.44	91.78

DBX2	16.22	18.95	0.86	chr12	12q12	21	79	126.48	113.16
PLAGL2	45.24	52.86	0.86	chr20	20q11.21	50	1076	91.34	68.24
ZNF525	210.57	246.05	0.86	chr19	19q13.42	30	141	115.46	99.68
DNPH1	78.02	91.17	0.86	chr6	6p21.1	50	1507	135.07	97.85
RB1CC1	80.75	94.37	0.86	chr8	8q11	56	1211	113.07	79.46
LOC84931	18.91	22.10	0.86	chr2	2q14.2	19	389	134.44	111.10
Hs.657180	17.05	19.92	0.86	chr5	N/A	8	377	68.72	54.82
Hs.664761	37.02	43.26	0.86	chr6	N/A	3	66	39.19	99.52
Hs.614827	9.83	11.49	0.86	chr3	N/A	5	51	90.06	58.76
DGAT1	59.94	70.06	0.86	chr8	8q24.3	35	640	88.52	103.77
BID	63.87	74.66	0.86	chr22	22q11.1	65	856	162.01	451.02
TMEM209	29.32	34.27	0.86	chr7	7q32.2	44	842	141.70	86.26
Hs.733485	40.31	47.13	0.86	chr11	N/A	1	304	0.00	53.38
Hs.677073	31.30	36.60	0.86	chr9	N/A	1	304	0.00	80.55
GPD2	42.65	49.87	0.86	chr2	2q24.1	58	1484	202.36	133.70
ZNF503-AS2	21.89	25.60	0.86	chr10	10q22.2	9	1271	60.05	124.44
Hs.55220	68.09	79.62	0.86	chr6	N/A	7	73	68.13	132.12
M1AP	8.58	10.03	0.86	chr2	2p13.1	22	1271	84.51	97.52
C14orf28	33.23	38.87	0.86	chr14	14q21.2	26	795	55.65	68.43
GRIPAP1	50.89	59.51	0.86	chrX	Xp11	45	497	137.71	60.50
Hs.528369	349.02	408.18	0.86	chr3	N/A	8	12	13.93	21.90
Hs.657556	5.21	6.09	0.86	chr7	N/A	1	304	0.00	81.52
MCM3AP-AS1	18.22	21.31	0.86	chr21	21q22.3	40	1125	74.79	79.65
SYT16	22.31	26.09	0.85	chr14	14q23.2	16	384	217.42	185.55
Hs.666460	6.36	7.44	0.85	chr11	N/A	7	73	50.46	76.78
Hs.661437	13.89	16.25	0.85	chr1	N/A	7	73	135.30	82.41
Hs.666304	182.22	213.15	0.85	chr10	N/A	14	146	111.26	85.54
Hs.650349	17.01	19.89	0.85	chr7	N/A	9	28	45.37	49.61
Hs.131611	7.76	9.08	0.85	chr4	N/A	10	73	68.22	93.76
Hs.658754	9.42	11.02	0.85	chr9	N/A	1	304	0.00	64.79
Hs.659386	15.58	18.22	0.85	chr7	N/A	3	66	81.01	263.23
B4GALT2	77.19	90.31	0.85	chr1	1p34-p33	54	611	89.19	52.95
Hs.604026	6.70	7.84	0.85	chr14	N/A	7	73	31.76	74.84
PATZ1	43.02	50.33	0.85	chr22	22q12.2	78	2734	127.68	94.11
KRTAP20-2	9.12	10.67	0.85	chr21	21q22.1	8	52	72.82	81.32
ARHGAP17	126.14	147.58	0.85	chr16	16p12.1	57	790	144.52	106.64
KRTAP9-3	8.17	9.56	0.85	chr17	17q12-q21	19	384	39.88	93.74
Hs.522954	11.73	13.73	0.85	chr1	N/A	1	306	0.00	51.59
Hs.427236	140.08	163.93	0.85	chr7	N/A	14	146	101.25	91.72
QKI	123.25	144.24	0.85	chr6	6q26	151	4081	180.86	186.51
VANGL2	50.29	58.86	0.85	chr1	1q22-q23	6	364	74.49	77.00
Hs.130553	9.15	10.71	0.85	chr7	N/A	14	146	66.52	73.45
LOC338667	25.51	29.86	0.85	chr11	11q24.2	4	308	13.37	72.18
Hs.697237	497.58	582.40	0.85	chr2	N/A	7	73	47.15	59.93
LOC151171	25.74	30.12	0.85	chr2	2q37.3	4	304	27.94	41.08
TRAPP11	55.21	64.63	0.85	chr4	4q35.1	72	1395	113.40	127.40
Hs.113140	5.57	6.52	0.85	chr7	N/A	10	28	37.97	35.84
MAGI2-AS3	46.60	54.55	0.85	chr7	N/A	36	1199	116.24	112.36
UBE2G2	101.29	118.59	0.85	chr21	21q22.3	77	1871	140.43	271.75
Hs.368016	9.73	11.39	0.85	chr17	N/A	7	73	80.15	100.08
LOC286135	25.69	30.07	0.85	chr8	8p12	1	305	0.00	33.89
Hs.101433	8.22	9.62	0.85	chr2	N/A	10	73	71.28	61.01
ACAD8	78.09	91.44	0.85	chr11	11q25	62	773	129.16	76.37
MAP2K5	30.17	35.33	0.85	chr15	15q23	97	3111	111.60	112.94
LINC00176	15.50	18.15	0.85	chr20	20q13.33	13	405	164.56	64.65
Hs.573484	10.39	12.17	0.85	chr9	N/A	10	73	113.72	105.54
Hs.147132	12.51	14.66	0.85	chr6	N/A	3	66	46.38	67.14
GIMAP7	81.05	94.93	0.85	chr7	7q36.1	22	396	54.92	113.13
PGLYRP3	33.15	38.83	0.85	chr1	1q21	22	394	198.00	194.53
CCDC51	76.86	90.03	0.85	chr3	3p21.31	28	533	86.63	42.64
IL23R	8.08	9.46	0.85	chr1	1p31.3	21	636	54.77	72.44
ACOX1	52.79	61.84	0.85	chr17	17q25.1	109	2606	112.49	147.32
PCOLCE	113.12	132.52	0.85	chr7	7q22	37	650	97.91	94.36
Hs.657792	20.91	24.50	0.85	chr12	N/A	10	393	44.17	67.70
GZMB	28.63	33.54	0.85	chr14	14q11.2	30	573	77.41	125.16
PLK4	15.76	18.47	0.85	chr4	4q28	50	1450	188.32	170.29
SLC2A13	25.53	29.92	0.85	chr12	12q12	50	1741	110.61	146.82
Hs.148544	9.47	11.10	0.85	chr12	N/A	5	22	51.53	52.55
Hs.603847	18.75	21.97	0.85	chr1	N/A	8	377	50.17	55.98
U2AF1	193.38	226.62	0.85	chr21	21q22.3	70	1691	120.46	134.00
UTS2R	111.32	130.46	0.85	chr17	17q25.3	24	417	108.74	136.50
Hs.581788	9.37	10.98	0.85	chr4	N/A	5	22	69.48	59.54
Hs.134088	9.69	11.35	0.85	chr8	N/A	10	73	89.68	123.18
Hs.144713	8.29	9.72	0.85	chr1	N/A	7	73	67.01	87.61
Hs.633144	7.07	8.28	0.85	chr4	N/A	1	304	0.00	78.37
YPEL3	157.48	184.59	0.85	chr16	16p11.2	40	623	185.64	149.73
Hs.594478	113.94	133.56	0.85	chr5	N/A	7	73	78.28	53.90
LOC389895	6.87	8.05	0.85	chrX	Xq27.1	21	405	94.23	90.80
Hs.674889	3.46	4.05	0.85	chr1	N/A	10	28	34.80	25.71
HMG20B	51.32	60.16	0.85	chr19	19p13.3	49	1529	145.70	91.13
POU2F3	13.19	15.46	0.85	chr11	11q23.3	36	963	103.74	203.44
Hs.677113	12.59	14.76	0.85	chr10	N/A	5	420	40.63	53.96
SFT2D1	98.51	115.51	0.85	chr6	6q27	52	1837	149.36	113.82
Hs.657928	8.89	10.43	0.85	chr12	N/A	7	73	74.30	81.49
Hs.158580	9.81	11.51	0.85	chr11	N/A	2	608	96.91	67.00
PRDX4	257.31	301.73	0.85	chrX	Xp22.11	30	577	57.02	88.92
Hs.667674	18.33	21.50	0.85	chr20	N/A	2	22	26.01	61.43
HOOK2	98.60	115.63	0.85	chr19	19p13.2	28	537	49.52	81.93
EHD1	81.22	95.26	0.85	chr11	11q13	77	2431	131.16	98.37
CNTNAP3B	23.15	27.15	0.85	chr9	9p11.2	38	594	77.03	188.63
Hs.603134	11.03	12.93	0.85	chr5	N/A	7	73	88.74	56.68
PRKDC	64.73	75.92	0.85	chr8	8q11	70	1596	218.28	102.37
LOC340094	8.67	10.17	0.85	chr5	5p15.32	7	640	80.57	79.53

RNF121	36.50	42.82	0.85	chr11	11q13.4	71	875	157.72	58.73
Hs.663280	34.95	41.01	0.85	chr5	N/A	7	73	158.69	81.84
Hs.600558	7.60	8.91	0.85	chr7	N/A	7	73	82.75	91.77
Hs.741353	31.40	36.84	0.85	chr13	N/A	14	146	132.60	81.31
LRRTM1	35.95	42.18	0.85	chr2	2p12	26	458	155.46	109.44
COG1	70.71	82.98	0.85	chr17	17q25.1	55	1640	104.02	116.40
Hs.667967	12.06	14.15	0.85	chr4	N/A	3	66	39.91	89.94
Hs.634976	7.81	9.16	0.85	chr14	N/A	7	73	46.21	65.84
ULK4	27.10	31.81	0.85	chr3	3p22.1	54	1709	248.91	151.90
ZNF600	507.14	595.31	0.85	chr19	19q13.41	41	445	263.96	249.51
VWA5B1	8.15	9.57	0.85	chr1	1p36.12	18	651	98.75	66.80
STAMBIP	59.76	70.16	0.85	chr2	2p13.1	47	1268	104.55	69.95
FOXO4	39.40	46.25	0.85	chrX	Xq13.1	55	684	136.17	73.91
Hs.593559	22.37	26.26	0.85	chr1	N/A	1	304	0.00	46.64
ADH5	180.02	211.35	0.85	chr4	4q23	57	1092	95.10	78.14
Hs.463382	197.69	232.11	0.85	chr17	N/A	10	476	158.81	66.33
DLG1-AS1	9.65	11.33	0.85	chr3	N/A	1	304	0.00	83.36
ARHGAP20	37.12	43.59	0.85	chr11	11q23.1	37	790	332.59	77.34
BLOC1S4	57.85	67.93	0.85	chr4	4p16.1	19	396	73.14	50.07
Hs.708260	271.20	318.46	0.85	chr17	N/A	18	405	275.40	183.35
RHOA	591.11	694.14	0.85	chr3	3p21.3	77	1475	89.41	109.75
Hs.657311	67.82	79.65	0.85	chr13	N/A	1	304	0.00	35.39
PTHLH	13.52	15.88	0.85	chr12	12p12.1-p11.2	45	1440	80.91	130.30
Hs.209694	4.47	5.25	0.85	chrX	N/A	5	39	49.51	47.26
RBM18	64.95	76.29	0.85	chr9	9q33.2	31	485	85.97	58.06
XXYL1	34.27	40.26	0.85	chr3	3q29	19	105	91.90	51.15
APITD1	44.25	51.99	0.85	chr1	1p36.22	16	28	80.51	78.06
SPC25	17.82	20.94	0.85	chr2	2q31.1	30	566	184.96	151.17
ADAMTS6	19.36	22.75	0.85	chr5	5q12	50	1235	116.29	108.27
Hs.666070	18.61	21.87	0.85	chr16	N/A	14	146	66.90	89.98
SAT2	308.79	362.81	0.85	chr17	17p13.1	17	332	57.18	59.13
SFR1	30.33	35.64	0.85	chr10	10q25.1	37	841	68.10	81.05
KPNA6	105.30	123.72	0.85	chr1	1p35.1	68	1966	182.40	83.23
CGRRF1	67.39	79.19	0.85	chr14	14q22.2	58	829	94.66	98.08
SPIN2A	15.27	17.94	0.85	chrX	Xp11.1	10	464	55.38	68.53
MYNN	25.61	30.10	0.85	chr3	3q26.2	45	2182	77.21	96.45
LOC100288798	21.00	24.68	0.85	chr12	12q13.11	14	332	36.63	55.70
Hs.720205	12.87	15.13	0.85	chr19	N/A	4	304	75.52	48.18
RESP18	7.96	9.35	0.85	chr2	2q35	16	28	55.68	55.92
Hs.437704	12.24	14.38	0.85	chr18	N/A	5	22	55.95	93.51
NPFFR2	12.31	14.47	0.85	chr4	4q21	35	413	99.22	78.12
Hs.561198	8.79	10.33	0.85	chr3	N/A	6	66	85.06	184.00
RHOJ	41.33	48.59	0.85	chr14	14q23.2	82	2627	94.97	81.72
Hs.649271	9.40	11.05	0.85	chr18	N/A	7	73	120.93	79.02
SLC35B2	146.73	172.53	0.85	chr6	6p12.1-p11.2	30	542	124.27	66.02
DAB1	51.15	60.15	0.85	chr1	1p32-p31	32	863	195.27	666.55
GFER	26.86	31.59	0.85	chr16	16p13.3-p13.1	45	1329	86.44	103.58
Hs.680359	15.71	18.47	0.85	chr8	N/A	1	304	0.00	76.07
HSD17B1	35.29	41.51	0.85	chr17	17q11-q21	73	1028	108.39	111.22
Hs.578610	17.96	21.13	0.85	chr15	N/A	7	73	89.27	102.51
LOC284933	22.99	27.04	0.85	chr22	22q13.32	14	333	46.81	91.02
TTI2	53.11	62.46	0.85	chr8	8p12	21	460	80.18	40.74
TTY8B	15.41	18.12	0.85	chrY	Yp11.2	17	688	108.39	122.57
Hs.211252	13.70	16.12	0.85	chr20	N/A	7	73	101.21	87.08
PMM2	46.82	55.08	0.85	chr16	16p13	35	628	67.88	71.16
GRM5	15.25	17.94	0.85	chr11	11q14.3	53	1403	120.99	135.00
KRTAP19-1	23.72	27.90	0.85	chr21	21q22.1	41	462	76.26	309.50
FOXK1	34.46	40.54	0.85	chr7	7p22.1	63	1720	136.27	101.21
SUGP1	53.52	62.97	0.85	chr19	19p13.11	36	970	102.91	98.88
Hs.725973	27.06	31.84	0.85	chr6	N/A	7	73	119.57	66.88
SWI5	71.02	83.56	0.85	chr9	9q34.11	24	372	65.81	67.78
POP4	75.76	89.14	0.85	chr19	19q12	31	881	80.83	58.80
Hs.664548	20.63	24.28	0.85	chr11	N/A	7	73	36.81	46.53
B4GALT7	46.33	54.52	0.85	chr5	5q35.2-q35.3	33	952	83.02	47.96
OR8J3	13.20	15.53	0.85	chr11	11q12.1	11	52	66.07	90.62
Hs.368500	13.07	15.38	0.85	chr6	N/A	10	73	83.57	72.17
BRMS1L	37.26	43.86	0.85	chr14	14q13.2	40	791	106.17	88.61
COL24A1	15.69	18.47	0.85	chr1	1p22.3	29	647	141.44	167.02
Hs.701236	120.34	141.67	0.85	chr11	N/A	7	73	62.80	51.46
CDKAL1	13.57	15.98	0.85	chr6	6p22.3	62	1199	74.59	92.72
Hs.601183	108.55	127.81	0.85	chr7	N/A	7	73	66.20	43.80
DTYMK	38.15	44.92	0.85	chr2	2q37.3	44	1821	74.76	98.91
FANCE	33.77	39.77	0.85	chr6	6p22-p21	25	562	92.44	111.09
Hs.603079	11.78	13.87	0.85	chr14	N/A	3	66	90.66	77.19
LOC286359	14.82	17.45	0.85	chr9	9q22.33	14	658	198.51	90.58
TLL7	34.68	40.83	0.85	chr1	1p31.1	44	916	202.69	134.47
CLEC12B	6.74	7.94	0.85	chr12	12p13.2	17	697	89.29	200.20
ECHDC1	114.90	135.31	0.85	chr6	6q22.33	58	1619	124.03	97.81
ARHGAP27	33.21	39.11	0.85	chr17	17q21.31	60	1834	173.88	187.98
SMIM11	48.32	56.91	0.85	chr21	21q22.12	58	850	59.27	53.81
Hs.130663	12.28	14.47	0.85	chr1	N/A	10	73	77.96	103.25
SLC2A1	86.20	101.53	0.85	chr1	1p34.2	63	1283	144.15	283.15
Hs.636121	11.05	13.02	0.85	chr8	N/A	7	73	63.53	67.57
Hs.657125	5.46	6.43	0.85	chr3	N/A	7	73	48.16	81.26
Hs.532610	60.15	70.85	0.85	chr14	N/A	1	304	0.00	47.98
MAPIS	50.06	58.96	0.85	chr19	19p13.11	28	533	90.59	58.84
ZRANB1	84.49	99.54	0.85	chr10	10q26.13	50	1199	119.62	81.03
Hs.703727	20.35	23.97	0.85	chr11	N/A	1	304	0.00	623.85
TAF1B	24.82	29.24	0.85	chr2	2p25	46	1368	131.74	83.25
PSMD9	89.49	105.43	0.85	chr12	12q24.31-q24.1	47	1063	102.51	83.41
HCP5	55.25	65.09	0.85	chr6	6p21.3	60	661	114.27	131.80
TOMM40	84.93	100.08	0.85	chr19	19q13	53	645	155.36	63.28
Hs.654737	33.34	39.28	0.85	chr20	N/A	9	95	117.14	122.26

ATP13A2	47.57	56.06	0.85	chr1	1p36	38	561	124.17	110.99
ZMYM4	85.62	100.90	0.85	chr1	1p32-p34	54	1563	122.79	82.44
TTN-AS1	23.34	27.51	0.85	chr2	N/A	5	951	115.78	100.04
Hs.665712	8.86	10.44	0.85	chr4	N/A	1	304	0.00	60.01
HSPA7	30.06	35.43	0.85	chr1	1q23.3	7	73	62.52	69.27
NR2E3	10.94	12.90	0.85	chr15	15q22.32	49	983	137.39	94.45
Hs.125487	12.92	15.22	0.85	chr5	N/A	2	22	98.08	73.91
DCDC5	15.29	18.02	0.85	chr11	11p14.1	33	538	110.87	224.54
PXK	93.91	110.70	0.85	chr3	3p14.3	47	1200	172.05	119.54
SNRPB2	194.67	229.48	0.85	chr20	20p12.1	52	694	126.24	63.21
Hs.657739	13.30	15.68	0.85	chr11	N/A	1	304	0.00	76.72
UBOX5-AS1	4.75	5.60	0.85	chr20	N/A	2	22	6.53	64.18
ZNF384	78.03	92.01	0.85	chr12	12p12	38	1009	70.04	99.31
RPA3	82.75	97.57	0.85	chr7	7p22	40	630	108.87	60.53
Hs.551700	4.69	5.53	0.85	chr16	N/A	11	332	131.86	72.39
XPA	70.91	83.62	0.85	chr9	9q22.3	39	706	177.35	82.21
Hs.131310	10.92	12.88	0.85	chr21	N/A	5	22	56.91	84.16
UCMA	16.35	19.28	0.85	chr10	10p13	19	395	57.66	85.13
KCNMB4	59.47	70.14	0.85	chr12	12q	68	1466	145.45	109.79
RABGGTA	49.98	58.95	0.85	chr14	14q11.2	33	594	103.38	60.44
FLJ20444	29.59	34.90	0.85	chr9	9q21	17	377	156.68	422.21
LOC100130111	14.94	17.63	0.85	chr15	15q13.1	2	615	111.33	66.91
Hs.656877	13.60	16.04	0.85	chr4	N/A	8	377	58.80	65.27
Hs.727468	22.81	26.90	0.85	chr15	N/A	10	73	67.40	55.03
LOC100128979	5.07	5.98	0.85	chr15	15q22.2	2	16	94.31	45.92
WDR4	27.30	32.20	0.85	chr21	21q22.3	50	1483	122.43	63.15
PCSK6	33.74	39.80	0.85	chr15	15q26.3	95	2581	157.50	173.17
NAP1L2	77.84	91.83	0.85	chrX	Xq13	31	535	180.04	116.04
LOC100506827	9.52	11.23	0.85	chr4	N/A	3	326	44.93	69.44
TBR1	19.10	22.54	0.85	chr2	2q24	30	568	99.07	94.01
CD274	36.59	43.17	0.85	chr9	9p24	32	782	111.28	87.98
HSPBP1	67.16	79.24	0.85	chr19	19q13.42	46	605	89.46	71.68
LOC100507557	17.01	20.07	0.85	chr6	N/A	8	377	41.08	91.09
Hs.644065	124.23	146.60	0.85	chr3	N/A	7	73	115.16	82.74
LOC100131691	12.28	14.49	0.85	chr19	19q13.43	1	316	0.00	97.05
IMMP2L	46.48	54.85	0.85	chr7	7q31	50	898	104.73	85.51
CD8B	27.07	31.95	0.85	chr2	2p12	62	1636	165.88	297.29
Hs.102941	33.31	39.31	0.85	chr2	N/A	8	377	80.96	66.51
IL32	109.18	128.86	0.85	chr16	16p13.3	36	590	156.96	165.93
ZNF77	19.25	22.72	0.85	chr19	19p13.3	35	737	74.72	66.35
Hs.128163	9.28	10.95	0.85	chr6	N/A	10	73	76.94	127.47
ARL6IP5	440.89	520.41	0.85	chr3	3p14	47	1053	99.92	74.46
ZNF738	28.44	33.57	0.85	chr19	19p12	22	676	69.39	96.48
Hs.636836	28.19	33.27	0.85	chr2	N/A	2	608	121.47	61.21
Hs.586433	26.71	31.53	0.85	chr9	N/A	10	73	133.60	53.75
SETD5-AS1	54.23	64.02	0.85	chr3	3p25.3	21	1317	94.30	95.54
Hs.662890	10.37	12.25	0.85	chr11	N/A	7	73	56.36	81.54
SPATC1	15.20	17.95	0.85	chr8	8q24.3	25	442	96.64	87.73
Hs.127009	14.78	17.45	0.85	chr6	N/A	11	377	55.75	161.36
UROCI	29.77	35.15	0.85	chr3	3q21.3	38	549	244.56	230.89
PRR13	212.44	250.89	0.85	chr12	12q12	49	584	174.76	65.83
ANKS1A	84.38	99.65	0.85	chr6	6p21.31	44	717	115.62	75.75
MRPL32	186.63	220.43	0.85	chr7	7p14	26	469	68.25	52.82
LOC100506682	7.92	9.36	0.85	chr7	N/A	5	22	53.43	55.14
ANKRD42	13.06	15.43	0.85	chr11	11q14.1	43	556	69.23	131.39
FAM175B	63.01	74.42	0.85	chr10	10q26.13	35	1002	116.32	70.51
BTBD10	119.02	140.59	0.85	chr11	11p15.2	26	469	121.12	72.25
LOC100129775	11.57	13.67	0.85	chr11	11q13.5	20	56	37.42	85.82
Hs.71657	32.74	38.68	0.85	chr1	N/A	11	377	61.76	74.63
Hs.670741	7.02	8.29	0.85	chr1	N/A	1	304	0.00	74.32
LOC643072	22.92	27.08	0.85	chr2	2q24.2	14	443	74.06	61.80
Hs.614321	25.61	30.26	0.85	chr1	N/A	8	12	21.55	30.07
LAMTOR1	383.88	453.55	0.85	chr11	11q13.4	19	396	146.91	71.82
TOB2	94.65	111.83	0.85	chr22	22q13.2	53	1394	99.87	94.47
Hs.544462	6.70	7.92	0.85	chr6	N/A	10	73	51.79	70.06
Hs.566162	9.50	11.22	0.85	chr4	N/A	3	66	52.11	63.86
IST1	167.67	198.13	0.85	chr16	16q22.2	51	932	89.91	92.99
ENSA	135.09	159.63	0.85	chr1	1q21.3	74	2259	188.27	102.43
JAM2	85.46	100.99	0.85	chr21	21q21.2	46	942	95.06	78.33
Hs.604128	9.86	11.65	0.85	chr21	N/A	2	22	49.41	70.32
Hs.563406	15.20	17.97	0.85	chr6	N/A	10	73	81.85	95.13
OR2V2	11.65	13.77	0.85	chr5	5q35.3	16	28	46.63	73.35
Hs.667302	6.61	7.82	0.85	chr6	N/A	7	73	34.05	63.04
SPPL2B	48.96	57.88	0.85	chr19	19p13.3	60	1697	128.44	119.02
Hs.706486	50.52	59.73	0.85	chr2	N/A	7	73	88.21	67.49
Hs.571218	11.04	13.05	0.85	chr7	N/A	1	304	0.00	64.94
CILP	139.37	164.75	0.85	chr15	15q22	33	574	76.42	289.53
HIVEP2	59.69	70.56	0.85	chr6	6q23-q24	36	1297	93.04	100.10
FAM46B	92.84	109.76	0.85	chr1	1p36.11	26	465	134.61	143.93
TFDP2	67.55	79.86	0.85	chr3	3q23	73	1916	90.22	125.74
Hs.641364	76.01	89.88	0.85	chr19	N/A	2	16	25.49	24.94
Hs.680584	15.01	17.75	0.85	chr2	N/A	10	28	37.11	49.89
SOX8	63.12	74.64	0.85	chr16	16p13.3	34	445	71.19	174.37
Hs.580109	20.25	23.95	0.85	chr2	N/A	2	22	98.79	57.18
CHN2	38.53	45.57	0.85	chr7	7p15.3	65	1611	136.14	112.14
LOC100507066	10.52	12.44	0.85	chr12	N/A	8	377	70.97	74.04
PGBD1	25.39	30.03	0.85	chr6	6p22.1	24	514	97.46	163.82
Hs.147829	15.14	17.91	0.85	chr7	N/A	5	22	59.48	121.25
Hs.661379	7.65	9.05	0.85	chr5	N/A	19	566	67.59	132.67
LOC100129648	12.85	15.21	0.85	chr22	22q13.2	25	476	71.37	78.13
Hs.597675	42.07	49.77	0.85	chr1	N/A	15	87	142.22	71.23
Hs.570634	10.30	12.19	0.85	chr3	N/A	7	73	59.73	95.20
Hs.732923	37.08	43.88	0.85	chr3	N/A	1	304	0.00	30.94

NEURL	38.02	44.98	0.85	chr10	10q25.1	70	1282	145.05	101.62
Hs.501955	25.12	29.72	0.85	chr19	N/A	8	377	73.93	49.02
COMT	118.44	140.15	0.85	chr22	22q11.21	120	3350	178.05	128.95
Hs.593949	28.64	33.89	0.85	chr2	N/A	7	73	143.41	76.89
OR3A1	6.98	8.26	0.85	chr17	17p13.3	21	463	64.91	68.41
TTF2	14.32	16.95	0.85	chr1	1p22	41	908	111.84	98.88
Hs.129384	8.06	9.54	0.85	chr2	N/A	7	73	57.42	113.78
Hs.670082	45.34	53.66	0.85	chr9	N/A	2	16	96.21	65.17
CASKIN2	35.09	41.52	0.85	chr17	17q25.1	48	1389	70.46	105.97
SCFD1	82.68	97.85	0.84	chr14	14q12	41	954	105.16	111.39
Hs.527909	33.89	40.10	0.84	chr1	N/A	14	398	65.95	160.04
Hs.666913	6.62	7.83	0.84	chr7	N/A	16	754	43.05	77.59
BBS2	120.75	142.91	0.84	chr16	16q21	41	606	73.16	92.73
CCDC41	26.31	31.14	0.84	chr12	12q22	34	540	65.85	73.33
MC2R	21.57	25.53	0.84	chr18	18p11.2	33	1333	113.55	129.91
Hs.659392	8.53	10.10	0.84	chr1	N/A	5	51	119.78	91.93
Hs.659038	17.89	21.18	0.84	chr20	N/A	2	608	23.59	97.20
Hs.668095	6.72	7.96	0.84	chr3	N/A	7	73	85.32	82.54
LOC100507403	24.32	28.79	0.84	chr8	N/A	1	306	0.00	46.10
TRPC4	11.58	13.71	0.84	chr13	13q13.3	30	1547	106.68	125.60
Hs.656387	12.84	15.20	0.84	chr1	N/A	7	73	148.81	83.70
Hs.666974	40.06	47.43	0.84	chr4	N/A	7	73	125.59	73.52
PCDHB5	24.24	28.70	0.84	chr5	5q31	22	393	97.49	151.08
Hs.659222	34.41	40.75	0.84	chr22	N/A	18	405	71.86	59.37
CCDC180	19.06	22.57	0.84	chr9	9q22.33	53	986	94.14	127.12
FAM174A	128.78	152.48	0.84	chr5	5q21.1	22	396	95.80	67.71
Hs.664056	28.94	34.27	0.84	chr9	N/A	3	66	23.58	106.99
NME2	338.41	400.73	0.84	chr17	17q21.3	91	1322	107.59	87.91
PYY	12.97	15.36	0.84	chr17	17q21.1	30	962	65.51	125.88
URB1	24.88	29.46	0.84	chr21	21q22.11	44	1429	67.89	60.84
KRTAP10-10	81.76	96.83	0.84	chr21	21q22.3	19	28	93.35	87.32
ASNS	61.84	73.24	0.84	chr7	7q21.3	45	899	110.31	128.33
Hs.416810	39.06	46.26	0.84	chr8	N/A	13	28	65.58	29.53
RPS25	1,794.50	2,125.34	0.84	chr11	11q23.3	51	611	48.90	75.20
Hs.603006	25.56	30.27	0.84	chr10	N/A	7	73	39.92	77.88
Hs.745117	36.47	43.19	0.84	chr20	N/A	1	304	0.00	54.84
Hs.605673	23.16	27.43	0.84	chr6	N/A	5	51	37.01	53.15
CUX1	87.51	103.66	0.84	chr7	7q22.1	103	2451	182.44	96.94
Hs.670424	5.85	6.93	0.84	chrX	N/A	1	304	0.00	98.66
DLGAP1	12.79	15.16	0.84	chr18	18p11.31	61	2211	125.74	110.87
TBC1D26	21.05	24.93	0.84	chr17	17p11.2	15	641	217.41	113.88
PTPRE	48.41	57.35	0.84	chr10	10q26	87	1480	142.12	108.43
Hs.580032	13.95	16.52	0.84	chr7	N/A	3	66	57.36	44.55
DMXL2	52.86	62.62	0.84	chr15	15q21.2	36	1043	340.92	86.34
GEMIN4	48.04	56.91	0.84	chr17	17p13	45	1012	107.19	93.97
NADK2	75.04	88.91	0.84	chr5	5p13.2	33	1126	182.77	164.05
TSSC1	65.42	77.51	0.84	chr2	2p25.3	28	567	74.31	62.59
ARIH1	88.25	104.56	0.84	chr15	15q24	75	2017	209.89	77.20
ZNF774	25.19	29.85	0.84	chr15	15q26.1	5	52	64.08	95.60
MARCH5	63.81	75.62	0.84	chr10	10q23.32-q23.	49	926	71.03	57.28
COPB2	273.70	324.34	0.84	chr3	3q23	44	723	109.20	104.79
Hs.734085	14.03	16.62	0.84	chr8	N/A	4	304	10.88	45.55
MAPK14	64.24	76.13	0.84	chr6	6p21.3-p21.2	105	2197	171.31	127.47
Hs.132908	7.12	8.44	0.84	chr13	N/A	4	370	65.97	107.00
INSM1	23.03	27.29	0.84	chr20	20p11.2	38	901	112.11	270.38
Hs.127566	12.46	14.77	0.84	chr5	N/A	10	73	89.20	86.58
ARHGAP5-AS1	37.05	43.91	0.84	chr14	14q12	32	591	77.17	79.40
SNX5	128.58	152.40	0.84	chr20	20p11	62	2284	165.49	185.41
Hs.568956	16.35	19.38	0.84	chr11	N/A	5	22	163.00	65.31
Hs.555130	10.74	12.73	0.84	chr11	N/A	1	304	0.00	57.56
Hs.667357	6.69	7.93	0.84	chr3	N/A	3	66	79.31	67.14
Hs.603723	7.83	9.28	0.84	chrX	N/A	2	22	75.39	63.01
LIPI	15.62	18.52	0.84	chr21	21q11.2	28	509	102.54	107.29
NTN5	13.08	15.51	0.84	chr19	19q13.33	31	832	75.99	52.96
Hs.661353	17.11	20.29	0.84	chr15	N/A	7	73	120.27	54.91
Hs.673799	8.36	9.92	0.84	chr2	N/A	1	304	0.00	84.20
Hs.604477	7.69	9.12	0.84	chr7	N/A	7	73	68.62	69.74
ZNF425	15.23	18.06	0.84	chr7	7q36.1	29	792	77.28	83.89
C2orf44	24.51	29.06	0.84	chr2	2p23.3	35	606	96.93	53.84
MAP4K4	66.73	79.14	0.84	chr2	2q11.2-q12	121	1879	130.07	107.97
Hs.570433	7.39	8.77	0.84	chr21	N/A	8	51	68.96	87.42
Hs.729243	34.06	40.39	0.84	chrY	N/A	7	73	153.49	99.61
VPS36	63.67	75.52	0.84	chr13	13q14.3	49	919	84.00	103.17
Hs.673130	6.61	7.84	0.84	chr8	N/A	2	16	18.87	27.14
SRMS	13.40	15.89	0.84	chr20	N/A	19	384	60.80	74.41
Hs.696658	10.00	11.87	0.84	chr10	N/A	7	73	111.35	74.04
Hs.348792	15.42	18.30	0.84	chr5	N/A	22	523	84.95	87.67
TTC22	12.79	15.17	0.84	chr1	1p32.3	50	1478	90.80	124.22
Hs.655345	23.12	27.43	0.84	chr3	N/A	7	73	40.84	49.14
Hs.436307	9.84	11.67	0.84	chr2	N/A	4	304	11.88	72.24
HMGLL1	16.21	19.24	0.84	chr6	6p12.1	30	1148	64.76	106.98
Hs.130110	12.00	14.24	0.84	chr17	N/A	7	73	80.47	80.53
SOD3	153.39	182.04	0.84	chr4	4p15.2	35	619	92.20	91.94
Hs.568810	10.88	12.92	0.84	chr10	N/A	5	22	62.32	117.95
Hs.668478	46.95	55.73	0.84	chr7	N/A	7	73	113.69	63.82
OR2M2	11.28	13.39	0.84	chr1	1q44	16	28	46.74	90.29
ANKRD10	102.34	121.48	0.84	chr13	13q34	61	1684	97.56	114.83
CWC27	68.80	81.67	0.84	chr5	5q12.3	35	1162	70.09	92.34
JAZF1	58.78	69.79	0.84	chr7	7p15.2-p15.1	27	773	63.32	90.44
Hs.132249	8.03	9.53	0.84	chr2	N/A	6	66	32.95	88.64
ERAS	11.77	13.97	0.84	chrX	Xp11.23	18	81	62.12	50.00
C16orf59	17.31	20.55	0.84	chr16	16p13.3	21	460	72.26	84.08
NR5A1	24.84	29.49	0.84	chr9	9q33	25	514	104.14	282.95

TMX1	114.80	136.32	0.84	chr14	14q22.1	42	1067	112.73	70.63
IL18R1	23.17	27.51	0.84	chr2	2q12	52	724	128.19	153.29
QARS	417.13	495.36	0.84	chr3	3p21.31	28	538	96.84	53.40
Hs.661316	29.00	34.44	0.84	chr17	N/A	14	146	94.20	90.89
TRMT112	422.61	501.89	0.84	chr11	11q13.1	31	488	39.05	42.82
GNG8	11.16	13.25	0.84	chr19	19q13.32	19	387	39.30	88.41
ARID4B	78.59	93.35	0.84	chr1	1q42.1-q43	83	1954	200.52	99.94
Hs.135492	16.14	19.18	0.84	chr5	N/A	7	73	72.98	73.30
CXCL6	42.92	50.98	0.84	chr4	4q13.3	33	573	292.51	336.72
POLR2E	146.13	173.57	0.84	chr19	19p13.3	34	1019	87.55	58.32
Hs.27296	35.89	42.63	0.84	chr6	N/A	8	377	87.01	53.23
Hs.660483	14.64	17.40	0.84	chr11	N/A	7	73	79.20	62.04
Hs.170838	5.05	6.00	0.84	chr7	N/A	4	304	44.84	62.20
LOC440981	8.48	10.07	0.84	chr3	3q24	11	377	42.52	87.03
COG2	75.15	89.28	0.84	chr1	1q42.2	51	937	105.79	178.99
CHRM2	15.71	18.67	0.84	chr7	7q31-q35	47	559	93.95	93.28
Hs.712612	31.41	37.32	0.84	chr2	N/A	20	501	123.88	65.39
LOC100506454	27.82	33.06	0.84	chr22	N/A	12	493	78.34	67.58
HIST1H2AJ	44.55	52.94	0.84	chr6	6p22.1	31	481	47.13	67.54
CCDC167	58.22	69.19	0.84	chr6	6p21.2	21	417	72.12	62.54
SEC13	186.42	221.57	0.84	chr3	3p25-p24	51	768	102.89	74.05
TSPEAR	10.17	12.08	0.84	chr21	21q22.3	29	972	54.99	62.35
BRAT1	72.91	86.66	0.84	chr7	7p22.3	36	502	82.99	64.66
Hs.308630	22.25	26.45	0.84	chr8	N/A	1	304	0.00	39.98
Hs.553947	7.33	8.71	0.84	chr3	N/A	16	1852	39.33	83.39
ATG4A	85.14	101.20	0.84	chrX	Xq22.1-q22.3	33	570	76.91	61.40
CCDC82	44.39	52.77	0.84	chr11	11q21	60	1614	174.59	127.48
TLR1	30.96	36.80	0.84	chr4	4p14	30	566	112.41	170.33
Hs.716193	142.38	169.27	0.84	chr6	N/A	5	51	91.53	70.92
ACSF2	53.02	63.03	0.84	chr17	17q21.33	31	599	60.49	99.42
HSP90AB1	747.65	888.94	0.84	chr6	6p12	60	1457	170.90	112.35
TRAPPC4	114.52	136.17	0.84	chr11	11q23.3	34	1257	63.67	76.30
OR8U1	19.03	22.63	0.84	chr11	11q12.1	16	28	77.41	63.34
Hs.670407	23.68	28.16	0.84	chr2	N/A	12	636	39.55	81.03
ZSCAN31	27.47	32.67	0.84	chr6	6p22.3-p22.1	41	561	79.99	77.33
Hs.376338	9.07	10.79	0.84	chr3	N/A	4	304	19.17	107.03
INTS3	74.45	88.55	0.84	chr1	1q21.3	41	1148	91.39	104.88
PLEKH02	97.13	115.51	0.84	chr15	15q22.1	30	572	139.66	70.93
TNFRSF9	15.68	18.65	0.84	chr1	1p36	29	1225	126.36	84.79
Hs.635035	12.58	14.96	0.84	chr21	N/A	14	146	76.82	73.08
Hs.708558	826.37	983.11	0.84	chr5	N/A	19	566	109.39	117.40
MAGED1	363.21	432.13	0.84	chrX	Xp11.23	42	544	90.28	70.11
Hs.432338	14.92	17.76	0.84	chr7	N/A	10	73	106.62	102.43
Hs.602234	6.25	7.44	0.84	chr11	N/A	7	73	45.93	69.96
Hs.635282	6.94	8.26	0.84	chr3	N/A	7	73	61.78	80.99
Hs.116608	18.17	21.62	0.84	chr17	N/A	7	73	73.64	65.99
VKORC1	226.29	269.27	0.84	chr16	16p11.2	34	545	121.90	72.15
DOPEY1	34.38	40.91	0.84	chr6	6q15	58	1815	118.87	128.15
NCL	588.53	700.32	0.84	chr2	2q37.1	43	605	128.34	90.89
LRRN4	13.66	16.25	0.84	chr20	20p12.3	28	668	119.66	96.04
Hs.496303	49.94	59.43	0.84	chrX	N/A	15	462	95.47	64.95
MRT04	47.81	56.91	0.84	chr1	1p36.13	29	842	62.16	55.75
ZNF3	30.07	35.79	0.84	chr7	7q22.1	78	1888	92.91	133.17
FAM160B2	48.38	57.59	0.84	chr8	8p21.3	37	1208	93.83	90.05
LINC00472	8.15	9.70	0.84	chr6	6q13	30	543	36.34	86.40
FAM122A	56.26	66.98	0.84	chr9	9q21.11	44	919	74.39	57.99
GRK4	19.30	22.97	0.84	chr4	4p16.3	62	1396	107.58	204.21
RCS1	90.97	108.31	0.84	chr1	1q24.2	28	521	50.07	147.03
Hs.565003	10.46	12.45	0.84	chr17	N/A	6	66	45.11	89.67
SLC10A4	7.83	9.32	0.84	chr4	4p11	20	340	84.87	133.30
TTLL11-IT1	24.68	29.39	0.84	chr9	9q33.2	4	304	29.43	29.88
LOC100287628	49.02	58.37	0.84	chr16	16p13.2	8	377	98.47	66.50
LOC729121	6.33	7.54	0.84	chr2	2q12.3	11	334	109.39	102.83
Hs.335033	10.97	13.07	0.84	chr7	N/A	10	139	92.32	85.01
Hs.667369	23.43	27.91	0.84	chr1	N/A	7	73	47.51	55.29
PFAFH1B1	123.35	146.92	0.84	chr17	17p13.3	68	2020	114.59	103.90
Hs.434207	63.21	75.30	0.84	chr20	N/A	14	146	109.18	102.42
LOC645195	12.58	14.99	0.84	chr1	1p31.3	17	101	53.02	58.68
SMARCA4	100.79	120.07	0.84	chr19	19p13.2	100	4023	198.43	211.15
Hs.427229	10.07	12.00	0.84	chr18	N/A	19	754	75.12	66.97
MAK	10.69	12.74	0.84	chr6	6p24	37	814	103.53	111.36
Hs.566650	8.86	10.55	0.84	chr7	N/A	4	304	79.18	64.83
SUPT5H	151.07	179.99	0.84	chr19	19q13	37	650	100.96	67.36
Hs.597376	17.99	21.43	0.84	chr2	N/A	18	405	174.21	68.38
DHODH	29.65	35.33	0.84	chr16	16q22	40	1012	55.79	85.24
DUSP9	21.71	25.87	0.84	chrX	Xq28	25	532	71.68	145.20
Hs.594665	14.85	17.69	0.84	chr8	N/A	9	681	83.95	82.59
NXF3	16.66	19.85	0.84	chrX	Xq22	29	836	96.97	218.62
NPRL3	47.10	56.13	0.84	chr16	16p13.3	67	1846	116.24	76.72
GAS2L1	63.50	75.68	0.84	chr22	22q12.2	56	1438	111.09	95.93
SLC39A7	45.03	53.67	0.84	chr6	6p21.3	36	589	96.50	76.09
MRPL42	77.71	92.62	0.84	chr12	12q22	63	1084	117.19	72.13
Hs.611711	8.96	10.68	0.84	chr7	N/A	1	304	0.00	80.12
FAM222A-AS1	10.85	12.94	0.84	chr12	12q24.11	13	385	74.28	64.74
CASP8AP2	29.95	35.70	0.84	chr6	6q15	36	913	147.52	77.65
C17orf53	19.63	23.41	0.84	chr17	17q21.31	45	634	122.79	84.33
IGLON5	22.21	26.49	0.84	chr19	19q13.41	10	393	56.05	88.16
SPIB	37.84	45.12	0.84	chr19	19q13.3-q13.4	48	981	109.42	165.42
Hs.434240	3.85	4.59	0.84	chr7	N/A	1	304	0.00	65.12
GNRH1	19.38	23.11	0.84	chr8	8p21-p11.2	38	949	93.70	85.10
LOC728463	11.65	13.89	0.84	chr1	1q41	3	66	98.64	116.74
Hs.667236	15.71	18.74	0.84	chr4	N/A	3	66	71.01	55.27
Hs.604341	8.39	10.01	0.84	chr2	N/A	7	73	109.70	82.22

MTMR3	56.51	67.42	0.84	chr22	22q12.2	57	1804	144.16	94.42
LINC00086	40.51	48.33	0.84	chrX	Xq26.3	20	101	74.76	138.27
Hs.656949	7.94	9.47	0.84	chr6	N/A	7	73	65.54	148.40
Hs.598795	8.16	9.73	0.84	chr1	N/A	1	304	0.00	67.00
IFNA14	18.58	22.17	0.84	chr9	9p22	26	516	133.46	83.22
Hs.659408	18.25	21.78	0.84	chr10	N/A	3	66	102.29	59.88
TCP10L	37.82	45.13	0.84	chr21	21q22.11	51	880	119.06	396.44
BMP10	23.72	28.31	0.84	chr2	2p13.3	23	492	56.99	70.05
GPR12	25.05	29.89	0.84	chr13	13q12	31	870	76.04	110.50
SLC22A11	12.56	14.99	0.84	chr11	11q13.1	45	618	95.74	171.37
FBXO42	59.12	70.56	0.84	chr1	1p36.23-p36.1	43	1751	135.75	76.14
PROX1	37.52	44.79	0.84	chr1	1q41	41	907	146.40	165.13
Hs.156420	19.78	23.61	0.84	chr5	N/A	7	73	50.26	62.25
ZDHHC3	55.87	66.69	0.84	chr3	3p21.31	57	1706	81.80	68.80
ESPN	23.54	28.10	0.84	chr1	1p36.31	32	1128	100.78	224.08
SNX25	28.74	34.31	0.84	chr4	4q35.1	60	1659	86.94	106.82
Hs.542837	11.93	14.24	0.84	chr3	N/A	6	66	65.29	69.72
Hs.544030	12.49	14.91	0.84	chr5	N/A	5	22	75.90	77.04
FBXO30	99.11	118.35	0.84	chr6	6q24	27	417	46.62	53.46
Hs.666563	9.92	11.84	0.84	chr10	N/A	7	73	76.96	98.45
Hs.741706	15.48	18.48	0.84	chr15	N/A	7	73	92.16	82.98
TRIM68	57.14	68.24	0.84	chr11	11p15.4	23	512	79.84	44.79
Hs.105081	13.89	16.59	0.84	chr6	N/A	14	146	69.56	148.26
FBXW4	143.91	171.89	0.84	chr10	10q24	38	566	156.25	54.59
RNF175	76.77	91.70	0.84	chr4	4q31.3	52	687	166.13	163.90
MC5R	22.12	26.42	0.84	chr18	18p11.2	23	495	64.83	65.43
OR8H3	19.43	23.21	0.84	chr11	11q12.1	5	52	56.28	76.93
Hs.668475	6.95	8.30	0.84	chr3	N/A	7	73	60.44	90.17
Hs.484844	19.86	23.72	0.84	chr6	N/A	7	73	72.53	53.55
TNAP	27.42	32.76	0.84	chr13	N/A	11	332	41.76	58.86
Hs.105473	7.72	9.23	0.84	chr17	N/A	10	73	46.30	99.16
TPP2	56.67	67.71	0.84	chr13	13q32-q33	48	1619	77.62	129.19
SNCG	56.04	66.97	0.84	chr10	10q23.2-q23.3	49	1148	235.54	209.71
LOC100996583	14.68	17.54	0.84	chr1	N/A	1	304	0.00	49.97
Hs.733569	28.78	34.39	0.84	chr1	N/A	1	304	0.00	34.25
RABL2A	47.02	56.18	0.84	chr2	2q13	47	521	107.76	95.81
S100G	7.25	8.67	0.84	chrX	Xp22.2	23	495	96.70	155.21
Hs.659641	9.26	11.07	0.84	chr1	N/A	3	66	85.38	87.07
IFITM3	1,298.68	1,552.14	0.84	chr11	11p15.5	33	613	79.96	71.16
RETNLB	21.61	25.84	0.84	chr3	3q13.1	32	782	91.30	151.46
PCMTD2	115.49	138.07	0.84	chr20	20q13.33	55	679	224.07	100.62
LOC100996321	6.90	8.25	0.84	chr3	N/A	8	377	53.77	67.64
Hs.696079	30.47	36.43	0.84	chrX	N/A	8	377	35.75	67.37
Hs.600990	73.21	87.53	0.84	chr7	N/A	7	73	59.19	106.57
ARR3	41.03	49.06	0.84	chrX	Xcen-q21	30	567	140.16	71.21
RANBP3L	6.08	7.28	0.84	chr5	5p13.2	30	368	52.66	69.80
PTPRG-AS1	9.08	10.86	0.84	chr3	N/A	8	389	42.89	100.60
HCG8	37.15	44.44	0.84	chr6	6p21.3	24	560	49.96	53.21
Hs.666854	13.17	15.75	0.84	chr4	N/A	14	146	57.57	113.13
Hs.9585	22.34	26.72	0.84	chr2	N/A	17	101	125.79	68.57
BEND5	31.25	37.39	0.84	chr1	1p33	28	532	73.50	63.92
Hs.725482	56.37	67.45	0.84	chr6	N/A	7	73	112.64	78.63
AMT	100.78	120.58	0.84	chr3	3p21.2-p21.1	38	582	82.40	59.98
Hs.133889	9.22	11.04	0.84	chr9	N/A	10	73	63.49	68.56
HOXD9	35.68	42.71	0.84	chr2	2q31.1	42	1075	231.61	742.13
Hs.732534	53.05	63.50	0.84	chr6	N/A	7	73	71.96	54.70
FAM83E	11.26	13.48	0.84	chr19	19q13.33	20	459	96.02	114.68
Hs.635102	10.85	12.98	0.84	chr2	N/A	2	22	8.08	47.89
Hs.50927	17.00	20.35	0.84	chr21	N/A	9	113	79.58	85.71
SPAM1	15.69	18.78	0.84	chr7	7q31.3	46	1407	129.61	116.97
Hs.435644	5.54	6.64	0.84	chr4	N/A	3	326	59.71	60.83
ANKRD32	29.53	35.35	0.84	chr5	5q15	47	874	98.85	113.37
Hs.599860	19.46	23.29	0.84	chr3	N/A	7	73	57.55	61.54
Hs.600087	27.02	32.34	0.84	chr21	N/A	18	450	76.70	88.07
DHRS9	59.94	71.76	0.84	chr2	2q31.1	42	1152	129.80	120.97
Hs.130074	12.97	15.52	0.84	chr9	N/A	5	51	112.56	61.73
WDR41	51.08	61.16	0.84	chr5	5q13.3	34	1202	81.04	89.94
Hs.745145	87.37	104.60	0.84	chr1	N/A	7	73	49.69	63.39
LRRC37A2	13.59	16.27	0.84	chr17	17q21.31	27	360	50.19	84.28
CALML4	23.43	28.06	0.84	chr15	15q23	38	1780	108.22	150.62
Hs.664801	21.83	26.14	0.84	chr12	N/A	7	73	132.77	179.03
Hs.714983	4.13	4.94	0.84	chr4	N/A	10	28	89.43	31.16
ATP6V0A2	23.18	27.76	0.84	chr12	12q24.31	60	2472	112.15	79.52
RFC3	49.39	59.14	0.84	chr13	13q13.2	73	1541	242.68	237.69
FAM9B	9.50	11.37	0.84	chrX	Xp22.32	21	640	54.59	76.14
ZNF717	23.86	28.57	0.84	chr3	3p12.3	5	16	47.25	19.62
Hs.664515	10.87	13.02	0.84	chr15	N/A	7	73	85.80	167.82
Hs.149804	8.73	10.45	0.84	chr1	N/A	10	73	54.99	71.07
Hs.116153	6.36	7.62	0.83	chr18	N/A	11	377	55.63	193.66
Hs.729246	8.51	10.19	0.83	chr10	N/A	1	304	0.00	77.72
IRX2	37.49	44.90	0.83	chr5	5p15.33	18	636	69.16	159.81
CERS5	34.70	41.57	0.83	chr12	12q13.12	47	687	87.07	450.09
Hs.721175	424.19	508.17	0.83	chr5	N/A	12	124	50.74	93.45
NTN3	11.01	13.20	0.83	chr16	16p13.3	23	504	70.42	77.10
CYBRD1	248.20	297.37	0.83	chr2	2q31.1	56	1011	167.41	206.57
Hs.439880	26.34	31.56	0.83	chr1	N/A	6	132	43.85	72.77
PHB2	587.90	704.45	0.83	chr12	12p13	30	577	77.89	54.06
CDS2	67.00	80.28	0.83	chr20	20p13	73	2156	125.71	88.80
TMEM11	80.95	97.00	0.83	chr17	17p11.2	38	591	74.53	71.36
Hs.554411	40.96	49.08	0.83	chr12	N/A	1	304	0.00	131.27
LOC101060141	16.71	20.02	0.83	chr3	N/A	9	316	19.62	43.62
ILDR2	19.66	23.56	0.83	chr1	1q24.1	25	784	72.25	116.31
RPL35	1,311.76	1,572.07	0.83	chr9	9q34.1	65	705	75.58	62.74

Hs.707532	9.96	11.94	0.83	chr4	N/A	10	28	35.27	81.70
Hs.445034	49.74	59.62	0.83	chr2	N/A	8	377	60.76	45.48
RAB9A	122.57	146.92	0.83	chrX	Xp22.2	41	657	90.32	68.35
GMEB1	34.50	41.36	0.83	chr1	1p35.3	31	537	93.61	66.81
ZNF705G	11.41	13.68	0.83	chr8	8p23.1	1	304	0.00	85.35
HNRNPC	216.11	259.13	0.83	chr14	14q11.2	100	3126	106.78	101.39
PTGDR	14.12	16.93	0.83	chr14	14q22.1	32	1219	64.43	127.29
NPR2	45.02	53.99	0.83	chr9	9p21-p12	38	996	76.23	70.05
AIF1L	158.37	189.94	0.83	chr9	9q34.13-q34.3	36	723	63.31	164.92
Hs.666777	30.82	36.97	0.83	chr9	N/A	1	304	0.00	45.49
GABRQ	23.54	28.24	0.83	chrX	Xq28	31	482	125.57	74.88
CALHM2	77.42	92.86	0.83	chr10	10q24.33	33	953	81.13	62.35
Hs.537094	19.26	23.10	0.83	chr10	N/A	7	73	69.99	52.02
RSC1A1	25.44	30.52	0.83	chr1	1p36.1	32	608	85.90	87.32
Hs.225784	10.77	12.92	0.83	chr7	N/A	14	146	77.27	76.52
Hs.663316	64.77	77.72	0.83	chr17	N/A	1	304	0.00	49.12
DPYSL3	184.22	221.05	0.83	chr5	5q32	45	1025	127.43	139.73
Hs.608419	6.61	7.94	0.83	chr6	N/A	4	304	56.96	79.06
INTS4	40.01	48.02	0.83	chr11	11q14.1	63	1847	114.80	115.03
Hs.707402	82.37	98.84	0.83	chr14	N/A	7	73	78.74	48.44
SPACA3	27.90	33.49	0.83	chr17	17q11.2	22	451	71.07	220.74
ZNF271	41.08	49.31	0.83	chr18	18q12	34	1196	76.04	97.46
Hs.112862	49.84	59.82	0.83	chr6	N/A	14	146	158.56	176.23
Hs.601582	11.76	14.12	0.83	chr7	N/A	3	66	80.51	90.59
CDC27	61.09	73.34	0.83	chr17	17q21.32	66	2055	100.89	77.72
Hs.744170	59.02	70.86	0.83	chr3	N/A	10	38	26.15	56.66
Hs.667673	17.18	20.62	0.83	chr2	N/A	2	22	74.15	53.69
CIR1	62.51	75.05	0.83	chr2	2q31.1	48	796	119.59	168.98
Hs.662301	8.66	10.39	0.83	chr6	N/A	1	304	0.00	71.38
CIZ1	66.13	79.41	0.83	chr9	9q34.1	55	1876	128.03	79.67
NAA15	31.93	38.35	0.83	chr4	4q31.1	64	2255	117.59	98.22
EDNRB	85.66	102.88	0.83	chr13	13q22	69	1528	270.10	140.63
Hs.658322	12.05	14.47	0.83	chr2	N/A	1	304	0.00	59.10
Hs.558625	22.63	27.17	0.83	chr2	N/A	2	22	20.92	50.62
Hs.602695	11.90	14.29	0.83	chr3	N/A	7	73	93.67	94.29
HOXC-AS5	6.08	7.30	0.83	chr12	N/A	9	89	42.10	78.59
NXPH4	41.08	49.34	0.83	chr12	12q13.3	42	526	128.16	80.36
Hs.656974	12.22	14.67	0.83	chr7	N/A	1	304	0.00	48.59
EHD2	97.31	116.90	0.83	chr19	19q13.3	48	1400	146.51	133.24
Hs.631231	23.25	27.93	0.83	chr15	N/A	10	28	42.37	77.72
Hs.655118	30.11	36.18	0.83	chr13	N/A	11	332	46.68	58.56
NDFIP2	72.42	87.03	0.83	chr13	13q31.1	75	1707	109.73	102.39
IL24	9.23	11.09	0.83	chr1	1q32	41	559	48.98	75.50
LOC646268	15.44	18.56	0.83	chr1	1q23.1	5	608	117.88	66.87
CCSER1	11.45	13.76	0.83	chr4	4q22.1	16	385	94.57	84.18
AKR1C3	161.26	193.81	0.83	chr10	10p15-p14	25	567	82.84	130.62
ZYX	154.38	185.55	0.83	chr7	7q32	31	924	82.90	67.96
PLXNB1	42.83	51.47	0.83	chr3	3p21.31	40	1048	93.14	96.07
DYNC1L12	134.21	161.31	0.83	chr16	16q22.1	72	1542	112.38	120.07
Hs.129564	6.29	7.56	0.83	chr18	N/A	7	73	47.48	94.72
CLK3	75.67	90.96	0.83	chr15	15q24	56	633	92.83	60.92
LOC116437	3.94	4.74	0.83	chr12	12q24.33	4	304	64.79	57.73
COL4A1	177.48	213.36	0.83	chr13	13q34	80	1373	253.93	159.55
APOL5	11.53	13.86	0.83	chr22	22q12.3	21	455	54.99	82.33
Hs.744263	311.64	374.65	0.83	chr13	N/A	7	73	46.75	71.20
LOC100506388	20.12	24.18	0.83	chr17	N/A	18	405	51.17	99.07
Hs.710227	132.84	159.71	0.83	chr14	N/A	7	73	62.08	70.04
Hs.128847	14.48	17.42	0.83	chr3	N/A	6	66	73.52	78.68
HP07349	19.04	22.90	0.83	chr5	N/A	19	387	57.66	66.51
FRG2	11.68	14.04	0.83	chr4	4q35	16	28	56.98	69.91
Hs.598400	9.15	11.01	0.83	chr12	N/A	7	73	65.85	90.75
KIAA1751	23.32	28.04	0.83	chr1	1p36.33	44	948	149.06	112.43
Hs.587132	16.90	20.33	0.83	chr18	N/A	1	304	0.00	70.23
Hs.687243	15.50	18.64	0.83	chr10	N/A	7	73	55.70	78.94
Hs.562954	8.12	9.77	0.83	chr2	N/A	2	22	68.98	72.13
HNRNPA2B1	378.27	454.97	0.83	chr7	7p15	31	1438	85.31	90.09
LINC00641	19.34	23.26	0.83	chr14	14q11.2	46	697	157.84	124.20
CCDC60	67.47	81.17	0.83	chr12	12q24.23	19	395	261.60	101.92
ZMPSTE24	162.39	195.36	0.83	chr1	1p34	28	567	80.16	56.99
HSPH1	123.34	148.38	0.83	chr13	13q12.3	35	997	162.02	123.80
Hs.603994	7.67	9.23	0.83	chr7	N/A	2	22	70.06	50.49
Hs.539191	10.36	12.46	0.83	chr12	N/A	7	73	95.33	73.58
LRFN2	11.01	13.24	0.83	chr6	6p21.2-p21.1	24	405	128.59	145.80
Hs.667239	12.45	14.97	0.83	chr19	N/A	2	22	9.62	103.08
NCOA4	542.28	652.37	0.83	chr10	10q11.2	40	600	166.83	76.68
TM2D3	201.84	242.82	0.83	chr15	15q26.3	42	865	85.59	44.90
RBBP4	115.69	139.20	0.83	chr1	1p35.1	92	2963	181.54	113.41
Hs.594722	23.56	28.35	0.83	chr12	N/A	7	73	62.04	68.33
BOD1	150.95	181.65	0.83	chr5	5q35.2	45	622	130.95	109.43
LOC100505797	9.24	11.12	0.83	chr18	N/A	8	377	51.86	69.88
KHDRBS1	217.73	262.02	0.83	chr1	1p32	53	1495	90.91	85.59
DSCAML1	17.32	20.84	0.83	chr11	11q23	24	796	154.95	88.42
Hs.425104	15.43	18.57	0.83	chr2	N/A	2	22	54.35	63.96
HNRNPUL1	122.09	146.97	0.83	chr19	19q13.2	63	1099	125.60	63.54
Hs.545054	11.41	13.74	0.83	chr7	N/A	10	73	89.77	62.31
Hs.543306	28.06	33.78	0.83	chr3	N/A	3	66	86.34	136.80
Hs.604701	17.54	21.11	0.83	chr19	N/A	7	73	35.91	62.31
Hs.147484	8.95	10.78	0.83	chr6	N/A	6	66	47.52	69.08
Hs.677038	83.79	100.89	0.83	chr4	N/A	1	304	0.00	35.76
IRX1	21.96	26.44	0.83	chr5	5p15.3	24	410	77.59	153.85
LINC00507	3.50	4.21	0.83	chr12	12q24.32	11	338	39.90	116.87
EPO	12.32	14.84	0.83	chr7	7q22	35	986	102.28	93.47
Hs.667168	7.58	9.12	0.83	chr11	N/A	7	73	83.80	78.55

ADAM17	39.82	47.95	0.83	chr2	2p25	51	1368	72.00	105.87
MAGEA12	15.78	19.00	0.83	chrX	Xq28	36	520	81.33	113.39
ZNF630	40.72	49.04	0.83	chrX	Xp11.3-p11.1	29	424	49.54	138.78
TRAF3IP2	47.83	57.61	0.83	chr6	6q21	58	1093	197.11	109.04
Hs.46941	10.16	12.24	0.83	chr1	N/A	10	73	47.77	79.32
Hs.656141	12.53	15.08	0.83	chr17	N/A	14	146	89.15	66.08
Hs.132141	7.73	9.31	0.83	chr7	N/A	10	73	81.37	87.05
PDCCD2	41.31	49.76	0.83	chr6	6q27	81	2265	130.14	746.26
GTF2A1L	15.32	18.45	0.83	chr2	2p16.3	65	1205	99.29	185.65
Hs.661459	23.61	28.44	0.83	chr3	N/A	7	73	45.62	60.17
LMAN2L	92.33	111.24	0.83	chr2	2q11.2	28	533	52.19	61.95
HCN3	35.53	42.81	0.83	chr1	1q22	19	392	59.15	142.68
Hs.635069	20.79	25.05	0.83	chr17	N/A	7	73	63.53	84.12
LINC00112	38.23	46.06	0.83	chr21	21q22.3	11	385	122.38	219.07
Hs.400256	52.82	63.64	0.83	chr4	N/A	14	332	60.44	63.54
Hs.680219	20.34	24.51	0.83	chr1	N/A	1	304	0.00	67.48
AHR	110.48	133.15	0.83	chr7	7p15	30	577	177.35	99.83
PRKG1	38.74	46.68	0.83	chr10	10q11.2	84	1542	145.99	152.01
TTY5	24.31	29.30	0.83	chrY	Yq11.223	22	372	174.96	81.63
RPL5	1,160.69	1,399.03	0.83	chr1	1p22.1	57	1104	149.59	140.65
Hs.670271	12.70	15.31	0.83	chr12	N/A	1	304	0.00	48.13
RAC1	343.31	413.94	0.83	chr7	7p22	84	1460	143.49	125.96
Hs.156725	10.35	12.48	0.83	chr2	N/A	4	304	37.66	47.48
Hs.602548	11.79	14.21	0.83	chr12	N/A	7	73	68.84	70.93
TJAP1	92.09	111.05	0.83	chr6	6p21.1	31	921	94.47	81.98
TMEM55B	146.42	176.58	0.83	chr14	14q11.2	26	469	144.97	71.02
NBPF10	9.31	11.23	0.83	chr1	1q21.1	17	39	40.02	42.72
PHF21B	10.74	12.95	0.83	chr22	22q13.31	20	690	65.67	115.78
USPL1	46.35	55.91	0.83	chr13	13q12-q14	48	982	114.78	86.36
Hs.99785	28.49	34.37	0.83	chr9	N/A	21	405	84.37	101.96
Hs.545701	32.82	39.59	0.83	chr9	N/A	10	28	26.88	61.45
BRF2	64.69	78.04	0.83	chr8	8p11.23	33	941	118.95	84.75
IVD	61.71	74.44	0.83	chr15	15q14-q15	62	1829	88.54	105.30
ARL6IP6	56.44	68.09	0.83	chr2	2q23.3	70	1467	194.48	95.74
C21orf62	27.91	33.68	0.83	chr21	21q22.11	34	844	128.89	136.88
AGAP2	23.21	28.00	0.83	chr12	12q14.1	35	995	67.27	179.96
Hs.634606	15.30	18.46	0.83	chr5	N/A	7	73	50.61	57.09
MAN2A1	105.08	126.78	0.83	chr5	5q21-q22	67	1373	195.17	138.61
Hs.731901	69.63	84.01	0.83	chr18	N/A	5	420	134.22	64.04
UBE2L3	142.02	171.36	0.83	chr22	22q11.21	70	1944	87.62	88.51
TP53I13	60.80	73.37	0.83	chr17	17q11.2	29	400	96.20	66.19
PSMB2	184.46	222.62	0.83	chr1	1p34.2	61	1187	108.60	102.47
APTX	56.14	67.76	0.83	chr9	9p13.3	53	1299	76.26	77.83
Hs.347841	12.12	14.63	0.83	chr2	N/A	1	304	0.00	73.92
Hs.657174	7.31	8.82	0.83	chr10	N/A	1	304	0.00	87.30
ITPR1PL1	55.32	66.78	0.83	chr2	2q11.2	32	468	284.34	161.91
GDF11	24.33	29.36	0.83	chr12	12q13.2	51	1775	138.60	103.08
RPUSD3	60.31	72.81	0.83	chr3	3p25.3	34	1789	104.04	107.43
BRSK1	45.28	54.67	0.83	chr19	19q13.4	19	393	116.85	82.27
Hs.659650	8.06	9.73	0.83	chr4	N/A	7	73	39.98	72.95
GNAT2	11.22	13.55	0.83	chr1	1p13.1	20	532	72.01	76.12
FLJ38379	10.16	12.27	0.83	chr2	2q37.3	34	730	68.92	98.20
LOC100129461	26.14	31.57	0.83	chr6	6p25.1	1	308	0.00	45.37
Hs.662333	6.71	8.10	0.83	chr6	N/A	8	377	48.36	143.97
Hs.602935	5.09	6.14	0.83	chr19	N/A	1	304	0.00	74.81
KRT9	32.19	38.87	0.83	chr17	17q21.1-q21.2	23	493	127.24	143.65
CEACAM21	23.60	28.50	0.83	chr19	19q13.2	29	884	93.65	97.56
Hs.552800	8.68	10.49	0.83	chr1	N/A	7	73	50.12	72.59
RGN	92.16	111.31	0.83	chrX	Xp11.3	39	577	56.35	159.29
TOMM6	185.50	224.07	0.83	chr6	6p21.1	13	405	90.68	42.66
Hs.659137	13.73	16.59	0.83	chr4	N/A	8	377	90.82	91.69
TMEM232	10.98	13.26	0.83	chr5	5q22.1	41	838	203.15	113.31
LOC100996448	13.72	16.58	0.83	chr2	N/A	5	22	73.96	60.90
DMRTA1	10.19	12.31	0.83	chr9	9p21.3	19	377	61.10	128.79
MAN2A2	106.77	129.00	0.83	chr15	15q26.1	81	1311	116.32	93.84
Hs.731945	23.83	28.79	0.83	chr15	N/A	8	377	56.09	47.47
Hs.664765	21.71	26.24	0.83	chr1	N/A	7	73	102.81	73.50
Hs.131110	9.41	11.37	0.83	chr5	N/A	7	73	111.06	100.58
Hs.698224	187.18	226.19	0.83	chr19	N/A	1	304	0.00	49.39
SEL1L2	14.09	17.02	0.83	chr20	20p12.1	6	357	83.80	112.56
Hs.737693	10.58	12.78	0.83	chr5	N/A	5	608	67.54	68.07
Hs.147633	8.51	10.29	0.83	chr5	N/A	3	66	72.45	135.63
Hs.666129	10.23	12.36	0.83	chr5	N/A	7	73	66.82	86.53
ACBD5	77.80	94.03	0.83	chr10	10p12.1	51	887	169.79	95.90
HELT	6.65	8.03	0.83	chr4	4q35.1	5	52	89.34	133.82
Hs.604199	11.13	13.45	0.83	chr5	N/A	3	66	50.33	84.07
Hs.542839	15.68	18.95	0.83	chr3	N/A	3	66	61.24	80.03
COMMD5	49.10	59.35	0.83	chr8	8q24.3	52	1482	142.62	57.06
LSM12	66.15	79.95	0.83	chr17	17q21.31	53	673	140.12	98.85
ZDHHHC19	29.40	35.54	0.83	chr3	3q29	29	836	142.12	116.35
ABCB5	15.32	18.52	0.83	chr7	7p21.1	36	1443	131.58	160.53
SMG7	60.78	73.48	0.83	chr1	1q25	62	2166	124.69	131.48
IGF2BP3	12.54	15.16	0.83	chr7	7p11	45	1782	84.26	84.23
Hs.600053	95.42	115.36	0.83	chr8	N/A	7	73	84.94	97.38
LOC728339	12.09	14.62	0.83	chr4	4q35.2	7	73	79.44	75.41
Hs.665303	8.11	9.81	0.83	chr10	N/A	7	73	81.72	93.99
Hs.208219	11.46	13.86	0.83	chr17	N/A	8	377	49.82	114.38
AQP5	113.31	137.02	0.83	chr12	12q13	40	605	249.71	237.66
Hs.48021	5.83	7.04	0.83	chr8	N/A	2	22	9.11	70.11
ZNF660	14.18	17.14	0.83	chr3	3p21.31	20	688	122.41	55.33
ZDHHHC15	12.61	15.25	0.83	chrX	Xq13.3	29	390	91.05	74.26
Hs.230188	15.51	18.76	0.83	chr19	N/A	9	681	41.51	68.83
PEX10	39.88	48.23	0.83	chr1	1p36.32	41	943	61.86	94.47

LOC100506379	6.40	7.74	0.83	chr6	N/A	17	1058	50.42	110.46
APRT	116.59	141.02	0.83	chr16	16q24	38	1009	66.80	71.44
MCM2	72.36	87.52	0.83	chr3	3q21	23	504	46.37	104.21
GNPDA1	103.80	125.56	0.83	chr5	5q21	48	676	118.73	76.37
Hs.586980	10.06	12.16	0.83	chr18	N/A	7	73	87.19	109.91
LOC100507353	6.17	7.46	0.83	chr19	N/A	9	681	53.05	75.53
ADIRF	423.56	512.45	0.83	chr10	10q23.2	37	650	102.82	144.39
TP53INP1	87.38	105.72	0.83	chr8	8q22	33	1120	68.14	146.21
LOC283070	53.57	64.82	0.83	chr10	10p13	19	1341	111.72	102.67
Hs.603498	10.56	12.77	0.83	chr6	N/A	7	73	43.19	89.92
NFKBIA	515.98	624.35	0.83	chr14	14q13	39	895	197.80	146.73
Hs.127735	11.36	13.75	0.83	chr7	N/A	15	450	68.56	85.24
Hs.668350	17.19	20.81	0.83	chr17	N/A	7	73	95.03	207.59
MECP2	50.57	61.20	0.83	chrX	Xq28	63	1591	184.92	57.70
LOC100506413	5.30	6.42	0.83	chr7	N/A	1	304	0.00	80.92
Hs.127200	6.64	8.04	0.83	chr12	N/A	2	22	49.78	75.41
Hs.649508	19.10	23.12	0.83	chr17	N/A	7	73	80.00	57.97
HRCT1	45.59	55.19	0.83	chr9	9p13.3	21	405	64.90	91.96
MPHOSPH9	26.08	31.57	0.83	chr12	12q24.31	63	1845	117.08	113.29
Hs.668056	9.98	12.08	0.83	chr1	N/A	2	22	17.91	54.30
Hs.663746	18.13	21.94	0.83	chr10	N/A	7	73	83.96	94.42
ZNF786	32.76	39.66	0.83	chr7	7q36.1	21	98	128.58	76.65
SLCO4A1	37.77	45.73	0.83	chr20	20q13.33	43	966	115.61	124.75
PSMD2	248.39	300.75	0.83	chr3	3q27.1	20	504	60.48	46.52
AP3B2	26.45	32.03	0.83	chr15	15q	31	881	144.69	118.84
Hs.594601	12.44	15.06	0.83	chr4	N/A	1	304	0.00	64.19
Hs.659189	24.83	30.06	0.83	chr2	N/A	2	22	94.12	87.17
SIAH1	69.13	83.72	0.83	chr16	16q12.1	70	1898	154.81	102.52
Hs.674505	11.95	14.48	0.83	chr11	N/A	1	304	0.00	63.78
IIFT122	55.59	67.32	0.83	chr3	3q21	54	1434	121.02	188.15
POMZP3	40.89	49.53	0.83	chr7	7q11.23	52	1066	99.98	78.97
LINC00094	35.29	42.75	0.83	chr9	9q34	15	489	63.62	81.79
LOC100631378	6.51	7.89	0.83	chr19	19q13.13	2	608	25.93	71.96
TFCP2	53.05	64.26	0.83	chr12	12q13	75	1538	194.03	68.40
Hs.145958	42.71	51.74	0.83	chr1	N/A	8	377	118.35	78.48
MTSS1	72.30	87.59	0.83	chr8	8p22	79	2480	157.95	192.40
Hs.351133	20.69	25.07	0.83	chr11	N/A	7	73	75.17	78.26
Hs.670272	9.78	11.85	0.83	chr15	N/A	1	304	0.00	61.71
LINC00884	25.99	31.49	0.83	chr3	3q29	2	608	66.65	49.45
RPTOR	32.88	39.84	0.83	chr17	17q25.3	33	561	90.81	82.31
GPRIN2	47.15	57.13	0.83	chr10	10q11.22	19	779	194.87	97.39
ZNF33B	40.86	49.52	0.83	chr10	10q11.2	41	943	108.01	148.55
TMCO1	135.28	163.94	0.83	chr1	1q22-q25	69	1968	110.69	106.69
Hs.343799	5.47	6.63	0.83	chr2	N/A	3	2	44.40	26.84
Hs.669961	82.65	100.16	0.83	chr20	N/A	1	304	0.00	55.87
ZFPM2	40.41	48.98	0.83	chr8	8q23	57	757	113.41	155.08
TSPAN18	54.05	65.52	0.83	chr11	11p11.2	50	868	152.20	83.19
Hs.670861	118.45	143.57	0.83	chr5	N/A	2	608	135.44	114.94
TP53I11	32.90	39.88	0.82	chr11	11p11.2	76	1669	88.41	93.89
IL17F	27.86	33.77	0.82	chr6	6p12	19	395	208.86	212.04
PRKACG	32.72	39.66	0.82	chr9	9q13	30	566	181.00	143.58
DKFZP434L187	12.38	15.00	0.82	chr15	15q13.2	32	1181	101.46	113.88
CCNDBP1	201.28	244.03	0.82	chr15	15q14-q15	32	469	129.48	81.16
ZFYVE20	50.68	61.45	0.82	chr3	3p25.1	52	1251	163.78	91.33
Hs.601509	20.20	24.50	0.82	chr7	N/A	7	73	82.27	81.79
Hs.522264	11.06	13.42	0.82	chr9	N/A	6	66	69.82	111.40
CETP	22.94	27.82	0.82	chr16	16q21	31	549	85.47	291.51
MPP4	6.88	8.34	0.82	chr2	2q33.2	20	688	77.56	74.89
FAM200A	14.21	17.24	0.82	chr7	7q22.1	27	726	44.53	101.11
ARL5A	193.39	234.59	0.82	chr2	2q23.3	45	870	134.99	86.98
OR12D3	16.68	20.23	0.82	chr6	6p22.1	24	448	77.81	88.67
OGN	123.08	149.34	0.82	chr9	9q22	49	990	282.20	171.16
RNPEPL1	79.80	96.84	0.82	chr2	2q37.3	28	530	64.82	198.18
MIXL1	12.50	15.17	0.82	chr1	1q42.12	17	332	94.68	64.50
Hs.436456	15.34	18.61	0.82	chr1	N/A	8	377	61.30	68.96
Hs.715912	188.16	228.36	0.82	chr10	N/A	1	304	0.00	46.98
NPAS1	11.44	13.88	0.82	chr19	19q13.2-q13.3	35	993	140.21	81.36
LOC100131232	23.21	28.17	0.82	chr11	11q13.1	10	28	42.55	76.71
Hs.566975	9.12	11.07	0.82	chr9	N/A	5	22	48.77	124.04
ZNF609	43.54	52.85	0.82	chr15	15q22.31	47	1428	120.56	100.60
Hs.657917	19.83	24.07	0.82	chr3	N/A	7	459	78.46	72.31
LINC00427	14.39	17.47	0.82	chr13	N/A	11	377	68.34	54.70
SENP6	77.89	94.57	0.82	chr6	6q13-q14.3	67	1586	258.82	140.09
Hs.129430	20.13	24.45	0.82	chr15	N/A	7	73	63.82	78.73
ZFP2	14.51	17.62	0.82	chr5	5q35.3	28	532	89.00	73.34
Hs.554052	12.74	15.47	0.82	chr10	N/A	25	478	52.70	88.41
C7orf33	27.59	33.50	0.82	chr7	7q36.1	19	384	245.61	191.07
LOC100505502	214.29	260.23	0.82	chr10	10p11.22	10	28	16.35	23.58
Hs.655048	19.12	23.22	0.82	chr8	N/A	1	304	0.00	71.10
Hs.597547	51.80	62.90	0.82	chr16	N/A	15	450	94.04	57.73
Hs.538960	5.90	7.16	0.82	chr11	N/A	2	22	33.18	81.81
Hs.171192	13.41	16.28	0.82	chr2	N/A	1	304	0.00	46.80
Hs.664984	47.92	58.20	0.82	chr20	N/A	7	73	52.29	77.54
AHCTF1	51.32	62.33	0.82	chr1	1q44	72	1389	130.57	263.24
ACVR2B	38.63	46.92	0.82	chr3	3p22	62	1314	98.42	79.31
MRFAP1L1	158.62	192.67	0.82	chr4	4p16.1	48	639	95.09	59.10
Hs.635226	13.37	16.24	0.82	chr1	N/A	3	66	63.96	87.48
Hs.711066	37.40	45.43	0.82	chr2	N/A	1	304	0.00	57.78
CD2BP2	64.43	78.27	0.82	chr16	16p11.2	50	1076	202.04	69.85
Hs.723273	15.12	18.38	0.82	chr5	N/A	10	28	35.00	30.12
Hs.478746	16.90	20.53	0.82	chr3	N/A	7	73	110.29	66.23
PGBD5	34.21	41.56	0.82	chr1	1q42.13	26	511	80.68	105.76
Hs.660203	19.40	23.58	0.82	chr2	N/A	1	304	0.00	52.63

C1D	94.97	115.40	0.82	chr2	2p13-p12	46	605	151.62	88.29
CXorf31	9.78	11.89	0.82	chrX	Xp11.3	1	304	0.00	58.32
Hs.204945	17.06	20.73	0.82	chr20	N/A	1	304	0.00	63.10
ZNF138	20.58	25.02	0.82	chr7	7q11.21	52	850	108.27	88.99
Hs.664124	11.25	13.67	0.82	chr5	N/A	7	73	59.48	82.81
JAK3	40.88	49.69	0.82	chr19	19p13.1	67	1885	138.84	186.42
MPHOSPH6	71.85	87.34	0.82	chr16	16q23.3	53	1030	170.08	97.59
SPATA5L1	30.93	37.60	0.82	chr15	15q21.1	48	1400	115.38	82.58
SNAP25-AS1	24.95	30.33	0.82	chr20	20p12.2	9	28	36.66	57.06
CCBE1	25.90	31.49	0.82	chr18	18q21.32	52	1252	207.09	143.01
Hs.661247	28.18	34.26	0.82	chr14	N/A	7	73	146.59	82.01
Hs.601597	7.08	8.61	0.82	chr4	N/A	7	73	56.73	75.36
SNORA26	11.39	13.84	0.82	chr4	4q12	17	212	87.11	115.12
Hs.656664	80.30	97.65	0.82	chr16	N/A	7	73	57.17	96.39
RFC4	65.74	79.95	0.82	chr3	3q27	47	703	110.79	95.77
Hs.687508	14.63	17.79	0.82	chr5	N/A	5	16	81.67	36.14
Hs.687301	9.32	11.34	0.82	chr17	N/A	2	16	14.48	15.79
Hs.571163	10.77	13.09	0.82	chr6	N/A	10	28	22.07	34.12
BMPR2	50.97	62.01	0.82	chr2	2q33-q34	99	2686	145.39	142.47
MED21	54.37	66.14	0.82	chr12	12p11.23	37	1036	128.87	63.62
Hs.706309	19.27	23.44	0.82	chr13	N/A	5	420	59.37	61.68
HFM1	8.45	10.28	0.82	chr1	1p22.2	25	709	70.05	116.58
Hs.667266	8.28	10.07	0.82	chr3	N/A	3	320	55.42	52.64
Hs.665466	34.87	42.43	0.82	chr3	N/A	1	304	0.00	28.19
FBXO21	150.53	183.19	0.82	chr12	12q24.22	47	1104	107.91	83.67
ALG10	15.97	19.43	0.82	chr12	12p11.1	27	762	115.17	141.50
ECD	65.55	79.78	0.82	chr10	10q22.3	43	650	57.66	52.02
Hs.659250	13.52	16.45	0.82	chr15	N/A	4	370	81.84	67.83
LOC729059	10.84	13.19	0.82	chr1	1p36.12	3	320	76.94	350.33
DDX19A	54.11	65.86	0.82	chr16	16q22.1	49	1369	118.24	91.34
Hs.658341	125.41	152.64	0.82	chr9	N/A	3	66	64.01	61.96
ANTXR2	84.61	103.01	0.82	chr4	4q21.21	63	1539	118.92	208.82
Hs.46879	7.05	8.59	0.82	chr5	N/A	10	73	48.66	75.95
Hs.664196	9.31	11.33	0.82	chr8	N/A	2	22	60.25	118.46
Hs.639806	7.10	8.65	0.82	chr10	N/A	7	73	48.90	106.79
SLC6A2	15.48	18.85	0.82	chr16	16q12.2	73	3464	98.39	133.92
Hs.636650	23.04	28.06	0.82	chr9	N/A	18	405	197.33	42.77
TLR6	19.68	23.96	0.82	chr4	4p14	44	914	140.02	68.89
Hs.568480	13.31	16.21	0.82	chr1	N/A	4	304	54.64	49.37
HAS2	19.04	23.19	0.82	chr8	8q24.12	40	869	99.09	84.70
Hs.344220	17.23	20.99	0.82	chr13	N/A	2	22	109.63	92.30
KIAA2013	112.23	136.70	0.82	chr1	1p36.22	56	1109	55.64	51.27
DEPDC1B	17.20	20.95	0.82	chr5	5q12.1	34	482	101.98	163.75
Hs.555076	22.92	27.92	0.82	chr6	N/A	1	304	0.00	54.04
ZNF200	27.05	32.95	0.82	chr16	16p13.3	41	997	67.80	67.56
Hs.571039	10.76	13.11	0.82	chr6	N/A	10	73	55.68	70.82
ACBD6	64.88	79.06	0.82	chr1	1q25.1	31	520	71.67	82.82
Hs.66187	45.25	55.14	0.82	chr2	N/A	28	868	87.36	456.14
Hs.131598	12.50	15.23	0.82	chr12	N/A	2	22	62.37	43.54
Hs.605365	33.54	40.88	0.82	chr1	N/A	5	51	58.40	128.52
CFB	151.77	184.96	0.82	chr6	6p21.3	42	1069	356.88	370.40
Hs.677061	19.48	23.75	0.82	chr7	N/A	1	304	0.00	48.41
TRPM1	8.81	10.74	0.82	chr15	15q13.3	50	2075	79.93	124.76
Hs.661631	7.83	9.54	0.82	chr7	N/A	2	22	35.83	66.86
MCM9	26.60	32.43	0.82	chr6	6q22.31	63	1058	192.96	116.77
Hs.721568	21.44	26.14	0.82	chr9	N/A	7	73	168.28	78.82
PNMT	36.28	44.24	0.82	chr17	17q	30	566	171.54	106.95
BHLHE41	57.72	70.37	0.82	chr12	12p12.1	45	1576	81.76	201.73
C9orf66	7.10	8.65	0.82	chr9	9p24.3	18	642	60.58	177.06
TEX29	15.77	19.23	0.82	chr13	13q34	17	336	158.22	177.10
GNA14	28.44	34.68	0.82	chr9	9q21	33	940	131.66	83.58
Hs.712307	6.50	7.92	0.82	chr5	N/A	1	304	0.00	79.19
TMEM230	243.98	297.51	0.82	chr20	20p13	72	1006	122.94	90.34
UNC50	135.80	165.60	0.82	chr2	2q11.2	33	572	98.01	48.41
LOC100507486	17.52	21.36	0.82	chr19	N/A	1	304	0.00	69.99
ATF7	43.37	52.89	0.82	chr12	12q13	50	1932	177.16	84.31
FUZ	46.62	56.86	0.82	chr19	19q13.33	31	477	78.10	73.84
Hs.551827	6.49	7.92	0.82	chr1	N/A	1	304	0.00	72.86
ANAPC13	172.24	210.08	0.82	chr3	3q22.2	35	992	143.15	119.60
GRIK2	11.61	14.16	0.82	chr6	6q16.3	77	2381	101.56	157.39
RBM17	121.19	147.83	0.82	chr10	10p15.1	72	1817	147.79	85.00
MUC15	54.51	66.49	0.82	chr11	11p14.3	36	890	170.58	226.44
RNF208	33.88	41.32	0.82	chr9	9q34.3	31	521	94.39	60.53
PPM1F	59.12	72.12	0.82	chr22	22q11.22	59	1752	109.10	68.58
MICA	52.03	63.49	0.82	chr6	6p21.33	35	1021	56.89	57.19
FOXP2	20.25	24.71	0.82	chr7	7q31	79	3065	228.27	153.44
ZBTB43	53.28	65.01	0.82	chr9	9q33.3	54	2178	73.71	69.57
ASIC2	22.34	27.26	0.82	chr17	17q12	29	563	89.43	188.24
GABRA1	13.74	16.77	0.82	chr5	5q34	48	974	153.29	210.66
GNGT1	5.80	7.08	0.82	chr7	7q21.3	40	593	80.52	197.38
ROR2	21.02	25.65	0.82	chr9	9q22	63	1065	106.59	107.13
Hs.604307	16.18	19.75	0.82	chr2	N/A	7	73	65.28	72.81
FAM126A	63.78	77.86	0.82	chr7	7p15.3	58	1675	250.27	336.39
MAFG	83.16	101.52	0.82	chr17	17q25.3	67	983	94.04	168.13
RAB40A	12.02	14.68	0.82	chrX	Xq22.1	30	583	65.89	77.79
SLC25A26	69.39	84.72	0.82	chr3	3p14.1	50	558	76.57	50.14
CD244	15.75	19.23	0.82	chr1	1q23.3	32	796	45.92	89.29
Hs.705546	73.99	90.34	0.82	chr11	N/A	7	73	70.06	51.98
SMC1A	45.57	55.64	0.82	chrX	Xp11.22-p11.2	82	2012	129.12	120.24
LHX6	34.41	42.02	0.82	chr9	9q33.2	35	796	73.07	91.12
Hs.603996	11.24	13.72	0.82	chr7	N/A	2	22	39.60	76.92
DNAH10	33.45	40.85	0.82	chr12	12q24.31	28	1105	187.62	170.34
BPY2	7.50	9.15	0.82	chrY	Yq11	13	466	49.80	82.91

Hs.129476	8.56	10.45	0.82	chr14	N/A	10	73	127.87	107.73
LOC729683	41.62	50.82	0.82	chr17	17q23.3	6	640	106.89	77.55
PSTPIP1	30.25	36.94	0.82	chr15	15q24-q25.1	28	550	97.15	114.01
OR2T5	9.25	11.30	0.82	chr1	1q44	13	28	68.19	77.94
COL3A1	469.72	573.65	0.82	chr2	2q31	116	2597	295.33	201.46
Hs.601172	11.41	13.93	0.82	chr5	N/A	5	51	109.48	83.54
HCRTR2	16.53	20.18	0.82	chr6	6p12	30	567	122.31	90.05
LINC00446	14.11	17.23	0.82	chr13	N/A	6	66	46.19	115.88
Hs.666554	9.12	11.15	0.82	chr5	N/A	3	66	44.26	71.86
DNAJC2	48.81	59.62	0.82	chr7	7q22	21	791	99.63	107.11
SFXN5	31.50	38.48	0.82	chr2	N/A	34	1387	86.78	114.74
TISP43	13.53	16.52	0.82	chr2	2q21.1	7	370	69.63	73.86
GALC	70.56	86.19	0.82	chr14	14q31	48	1021	113.86	91.34
TLR4	23.49	28.70	0.82	chr9	9q33.1	64	1610	83.92	88.85
ZBTB11	42.08	51.40	0.82	chr3	3q12.3	40	1006	99.19	118.32
Hs.331147	17.10	20.90	0.82	chr7	N/A	7	461	52.59	80.50
EFHD2	103.46	126.43	0.82	chr1	1p36.21	32	792	84.74	72.47
Hs.500972	101.68	124.25	0.82	chr10	N/A	7	73	79.05	68.63
Hs.559929	25.38	31.01	0.82	chr11	N/A	4	304	59.20	52.05
SORT1	114.82	140.33	0.82	chr1	1p21.3-p13.1	56	1350	130.26	157.09
IFNGR2	258.93	316.47	0.82	chr21	21q22.11	44	723	98.06	79.80
RAB41	18.84	23.03	0.82	chrX	Xq13.1	5	52	80.85	56.23
Hs.130295	12.12	14.82	0.82	chr10	N/A	14	146	66.88	85.04
HIPK1	87.67	107.16	0.82	chr1	1p13.2	80	1800	217.19	107.69
FLJ20021	53.75	65.70	0.82	chr4	4q24	21	417	70.36	63.84
AKAP7	37.74	46.13	0.82	chr6	6q23	45	1356	103.44	94.20
Hs.668178	46.17	56.44	0.82	chr2	N/A	1	304	0.00	49.74
CAB39	141.94	173.51	0.82	chr2	2q37.1	29	842	108.21	86.53
ALKBH2	49.86	60.96	0.82	chr12	12q24.11	29	412	83.10	60.40
ORC2	34.25	41.87	0.82	chr2	2q33	40	753	98.53	89.65
UAP1L1	30.73	37.57	0.82	chr9	9q34.3	20	448	90.45	43.61
GET4	47.75	58.38	0.82	chr7	7p22.3	61	1436	131.14	101.31
Hs.130343	10.82	13.23	0.82	chr7	N/A	10	95	51.55	75.76
SNAIL	23.27	28.45	0.82	chr20	20q13.2	28	537	98.28	76.78
Hs.16732	10.92	13.35	0.82	chr2	N/A	4	370	49.46	89.52
TPH1	10.10	12.35	0.82	chr11	11p15.3-p14	24	422	101.37	76.81
PCDHB12	18.21	22.27	0.82	chr5	5q31	31	488	74.22	135.17
Hs.658590	56.76	69.40	0.82	chr3	N/A	4	370	87.47	62.31
Hs.668150	21.45	26.23	0.82	chr9	N/A	2	22	62.10	66.32
GRIK3	13.89	16.99	0.82	chr1	1p34.3	43	959	144.49	133.56
SSBP4	65.15	79.67	0.82	chr19	19p13.1	65	1628	83.03	88.81
Hs.431550	44.65	54.61	0.82	chr2	N/A	2	608	28.20	124.20
IKBKAP	60.42	73.91	0.82	chr9	9q31	45	1070	104.39	108.90
Hs.597622	16.03	19.61	0.82	chr21	N/A	8	377	66.72	93.00
RRP7A	42.30	51.74	0.82	chr22	22q13.2	57	1744	140.28	62.44
Hs.632240	51.93	63.51	0.82	chr17	N/A	11	332	36.38	96.59
PCDHB14	24.43	29.89	0.82	chr5	5q31	24	424	59.66	76.04
APLF	15.06	18.42	0.82	chr2	2p13.3	54	892	134.16	78.14
TET2	34.85	42.63	0.82	chr4	4q24	49	1385	137.18	94.93
Hs.537238	7.13	8.72	0.82	chr15	N/A	7	73	64.73	69.29
Hs.633529	63.64	77.85	0.82	chr2	N/A	14	146	66.37	73.86
ACAD10	31.04	37.97	0.82	chr12	12q24.12	58	1640	104.11	104.85
SLC17A1	14.74	18.03	0.82	chr6	6p22.2	39	1250	116.23	144.07
Hs.603099	76.20	93.22	0.82	chr1	N/A	7	73	56.89	66.05
MAVS	68.27	83.52	0.82	chr20	20p13	77	1760	110.20	91.79
WIPI2	122.56	149.95	0.82	chr7	7p22.1	84	2273	101.82	117.29
Hs.657667	11.69	14.30	0.82	chr11	N/A	7	73	86.77	63.37
EGFL7	81.34	99.55	0.82	chr9	9q34.3	31	538	69.47	84.71
FKBP15	74.19	90.80	0.82	chr9	9q32	53	2161	100.72	140.08
ZRSR1	31.42	38.47	0.82	chr5	5q22.2	2	39	117.37	55.28
MCAM	134.05	164.13	0.82	chr11	11q23.3	58	2566	90.88	137.17
C1orf43	277.91	340.27	0.82	chr1	1q21.2	48	1190	144.34	122.62
OR5B21	44.53	54.53	0.82	chr11	11q12.1	8	52	50.84	51.44
Hs.667796	14.01	17.15	0.82	chr2	N/A	14	146	77.39	162.69
Hs.675921	44.40	54.36	0.82	chr10	N/A	1	315	0.00	80.27
POLL	27.62	33.82	0.82	chr10	10q23	28	538	66.43	98.32
Hs.614529	3.34	4.08	0.82	chr4	N/A	8	12	25.77	54.54
CD209	35.13	43.02	0.82	chr19	19p13	44	1290	115.14	205.41
HNRNPCL1	39.81	48.76	0.82	chr1	1p36.21	26	56	76.97	81.08
Hs.603019	6.92	8.47	0.82	chr12	N/A	1	304	0.00	75.39
Hs.623192	27.15	33.26	0.82	chr6	N/A	1	304	0.00	39.68
TCEB3B	10.23	12.53	0.82	chr18	18q21.1	21	459	78.24	80.76
CCDC148	15.56	19.06	0.82	chr2	2q24.1	24	793	220.65	146.90
Hs.602720	8.92	10.92	0.82	chr7	N/A	2	22	3.84	77.48
FAM215A	16.51	20.23	0.82	chr17	17q21.31	15	453	44.94	56.30
Hs.652553	30.42	37.27	0.82	chr3	N/A	7	73	74.49	105.94
LINC00221	8.17	10.01	0.82	chr14	14q32.33	9	316	20.39	56.01
SNORA71A	16.48	20.19	0.82	chr20	20q11.23	2	608	80.91	55.98
Hs.732068	14.20	17.40	0.82	chr21	N/A	5	420	18.42	53.64
TRIM45	42.17	51.68	0.82	chr1	1p13.1	46	932	77.12	53.32
TMSB4Y	60.72	74.41	0.82	chrY	Yq11.221	30	577	242.67	205.10
RPS6KB2	60.41	74.03	0.82	chr11	11q13.2	33	574	150.48	82.47
LINC00867	10.80	13.24	0.82	chr10	N/A	35	596	59.96	133.20
OR2A7	11.63	14.25	0.82	chr7	7q35	19	28	54.93	64.93
ZNF214	10.84	13.28	0.82	chr11	11p15.4	36	577	106.03	120.63
Hs.644796	394.72	483.85	0.82	chr17	N/A	7	73	58.92	124.66
LRIT2	5.54	6.79	0.82	chr10	10q23.1	13	28	82.58	50.93
SIGLEC15	31.64	38.78	0.82	chr18	18q12.3	18	448	70.31	59.18
Hs.655752	8.47	10.38	0.82	chr3	N/A	7	459	55.82	101.43
NKIRAS2	57.71	70.75	0.82	chr17	17q21.2	49	981	102.23	54.43
ZC3H6	60.78	74.52	0.82	chr2	2q13	67	1135	134.78	147.35
AWAT2	39.85	48.86	0.82	chrX	Xq13.1	11	118	171.98	126.88
GML	28.71	35.20	0.82	chr8	8q24.3	22	503	96.41	111.50

Hs.128689	7.06	8.66	0.82	chr8	N/A	10	73	42.26	84.36
Hs.662475	8.31	10.19	0.82	chr1	N/A	7	73	70.68	75.92
Hs.667975	7.92	9.71	0.82	chr8	N/A	7	73	37.27	68.47
FAU	1,409.19	1,728.21	0.82	chr11	11q13	57	706	65.75	60.91
CCDC153	12.76	15.65	0.82	chr11	11q23.3	10	393	172.42	79.60
ALDH4A1	81.08	99.44	0.82	chr1	1p36	77	1216	79.77	154.57
SPAG16	40.03	49.10	0.82	chr2	2q34	53	1298	130.68	137.44
CHRM1	19.75	24.22	0.82	chr11	11q13	26	439	70.26	138.27
Hs.125957	8.49	10.42	0.82	chr5	N/A	10	73	34.21	64.68
ZSCAN23	14.44	17.72	0.82	chr6	6p22.1	2	608	46.20	78.49
FAM78B	19.88	24.39	0.82	chr1	1q24.1	17	666	86.92	65.08
TFPI	154.09	189.05	0.82	chr21	21q22.3	45	655	198.45	281.56
THRB	43.94	53.91	0.82	chr3	3p24.2	65	1511	183.32	121.01
Hs.733463	10.20	12.52	0.82	chr5	N/A	7	73	67.74	62.56
Hs.308338	45.58	55.92	0.81	chr9	N/A	2	22	2.50	43.77
SIX3	14.22	17.45	0.81	chr2	2p21	39	1253	96.40	243.46
Hs.664899	10.95	13.44	0.81	chr12	N/A	1	304	0.00	81.77
EOGT	43.11	52.91	0.81	chr3	3p14.1	34	521	81.30	102.89
UBP1	142.74	175.17	0.81	chr3	3p22.3	30	560	98.24	64.12
TCTE1	12.94	15.89	0.81	chr6	6p21.1	26	457	70.94	151.74
Hs.571080	8.43	10.35	0.81	chr6	N/A	7	73	137.36	110.49
HSPA8	1,148.54	1,409.70	0.81	chr11	11q24.1	99	2062	93.92	65.22
Hs.129964	6.47	7.94	0.81	chr3	N/A	10	73	26.38	74.84
AURKA	26.45	32.47	0.81	chr20	20q13	52	1533	100.22	161.19
Hs.662955	55.96	68.70	0.81	chr12	N/A	1	304	0.00	61.49
ZNF81	13.56	16.65	0.81	chrX	Xp11.23	55	2061	85.77	71.09
TMPRSS11F	7.42	9.11	0.81	chr4	4q13.2	18	146	113.49	105.58
WHAMM	72.11	88.54	0.81	chr15	15q25.2	48	559	130.95	130.65
Hs.555138	11.48	14.10	0.81	chr12	N/A	10	73	94.07	90.30
DVL3	77.32	94.95	0.81	chr3	3q27	60	1104	116.65	87.46
ACTR1B	149.88	184.07	0.81	chr2	2q11.1-q11.2	19	504	71.31	39.19
SPOCK1	133.85	164.38	0.81	chr5	5q31.2	30	558	123.38	122.80
Hs.23554	18.17	22.31	0.81	chr12	N/A	36	810	97.38	99.21
LOC100506821	17.82	21.89	0.81	chr18	N/A	1	304	0.00	46.87
Hs.503001	48.44	59.50	0.81	chr11	N/A	1	304	0.00	39.17
C14orf39	7.45	9.15	0.81	chr14	14q23.1	24	436	128.77	143.55
ZFP3	28.63	35.17	0.81	chr17	17p13.2	19	385	147.08	55.54
IL20	18.96	23.29	0.81	chr1	1q32	14	344	146.78	49.01
Hs.445149	21.54	26.46	0.81	chr9	N/A	4	304	54.86	41.37
POLR2J3	35.43	43.53	0.81	chr7	7q22.1	22	802	110.93	69.93
Hs.128325	18.32	22.51	0.81	chr8	N/A	10	73	112.31	147.20
SSR3	140.80	173.01	0.81	chr3	3q25.31	65	1662	149.45	171.67
Hs.446269	21.69	26.65	0.81	chr20	N/A	1	304	0.00	37.07
KHDC1	16.23	19.94	0.81	chr6	6q13	54	1052	86.38	112.81
RSPH4A	15.88	19.53	0.81	chr6	6q22.1	36	519	201.05	180.22
GPR116	106.17	130.53	0.81	chr6	6p12.3	62	1121	158.17	133.85
STOM	253.28	311.42	0.81	chr9	9q34.1	86	1717	133.39	157.92
COL9A3	89.94	110.59	0.81	chr20	20q13.3	39	702	209.09	194.70
C12orf5	32.71	40.22	0.81	chr12	12p13.3	31	481	72.96	58.02
BCL7C	70.66	86.89	0.81	chr16	16p11	26	465	67.55	56.28
Hs.632340	31.65	38.92	0.81	chr14	N/A	14	146	130.07	104.35
Hs.596973	76.00	93.47	0.81	chr13	N/A	7	73	61.23	57.04
Hs.28792	38.33	47.14	0.81	chr7	N/A	18	405	203.93	213.43
E2F6	41.03	50.46	0.81	chr2	2p25.1	63	661	84.98	60.34
Hs.659787	8.25	10.15	0.81	chr2	N/A	8	377	48.10	74.51
ZNF584	27.96	34.39	0.81	chr19	19q13.43	17	344	48.41	65.95
LOC100129048	6.83	8.41	0.81	chr1	1p36.23	2	22	36.13	75.61
Hs.128692	13.95	17.16	0.81	chr19	N/A	7	95	50.09	71.56
NPHS2	24.65	30.33	0.81	chr1	1q25.2	21	459	68.75	165.39
Hs.221337	5.00	6.15	0.81	chr1	N/A	1	304	0.00	89.18
LYG2	6.86	8.44	0.81	chr2	2q11.2	17	333	32.35	57.51
Hs.132478	9.57	11.77	0.81	chr2	N/A	7	73	100.06	81.24
RPL11	1,770.32	2,178.00	0.81	chr1	1p36.1-p35	33	577	63.13	56.32
WDR59	48.95	60.23	0.81	chr16	16q23.1	58	1483	143.19	112.89
CENPC1	55.45	68.23	0.81	chr4	4q13.2	47	685	153.40	120.49
ACOT4	25.65	31.57	0.81	chr14	14q24.3	24	417	81.77	79.43
DOCK5	42.97	52.88	0.81	chr8	8p21.2	74	3124	187.68	132.27
Hs.537147	10.75	13.23	0.81	chr11	N/A	7	73	93.57	92.15
AMFR	76.23	93.82	0.81	chr16	16q21	48	1025	109.66	61.50
SMARCA2	88.04	108.35	0.81	chr9	9p22.3	103	3211	172.65	176.15
Hs.659454	5.46	6.72	0.81	chr16	N/A	2	22	57.41	54.56
ZNF462	51.50	63.39	0.81	chr9	9q31.2	48	978	120.85	117.66
TGFB1	47.51	58.48	0.81	chr19	19q13.1	65	1231	138.23	121.02
Hs.660220	11.85	14.59	0.81	chr11	N/A	8	377	74.83	63.63
Hs.662835	8.64	10.63	0.81	chr1	N/A	19	566	43.33	65.70
Hs.652560	6.29	7.74	0.81	chr1	N/A	4	370	50.14	75.82
Hs.209253	34.89	42.96	0.81	chrX	N/A	11	377	38.16	188.62
ASPN	78.41	96.54	0.81	chr9	9q22	29	838	113.37	271.57
PEMT	80.52	99.14	0.81	chr17	17p11.2	46	650	130.52	105.14
Hs.596692	51.68	63.63	0.81	chr6	N/A	14	146	115.40	91.75
TCEAL7	76.48	94.17	0.81	chrX	Xq22.1	39	496	326.94	198.43
BAI2	33.25	40.95	0.81	chr1	1p35	35	620	93.93	116.20
FPR1	63.55	78.26	0.81	chr19	19q13.4	35	997	114.14	275.22
PLEKHJ1	127.70	157.26	0.81	chr19	19p13.3	31	488	66.78	49.89
LOC284080	15.84	19.51	0.81	chr17	17q21.33	5	608	31.88	70.12
Hs.638428	3.67	4.52	0.81	chr18	N/A	11	332	46.35	82.09
OR2J3	6.75	8.31	0.81	chr6	6p22.1	8	420	30.78	76.84
Hs.538467	5.72	7.04	0.81	chr10	N/A	7	73	59.81	82.67
PSMD14	188.68	232.41	0.81	chr2	2q24.2	35	628	65.42	71.36
FGFR4	21.27	26.20	0.81	chr5	5q35.1-qter	48	1653	139.25	136.12
PNMA1	196.53	242.08	0.81	chr14	14q24.3	26	516	175.34	94.67
Hs.662472	12.59	15.52	0.81	chr1	N/A	7	73	46.03	86.99
THNSL1	23.24	28.64	0.81	chr10	10p12.1	33	907	103.41	91.93

HGS	141.89	174.83	0.81	chr17	17q25	67	726	105.78	74.03
LOC100506865	12.67	15.61	0.81	chr3	N/A	15	50	204.00	68.67
NEK4	54.03	66.58	0.81	chr3	3p21.1	41	909	158.25	141.13
Hs.602926	6.79	8.37	0.81	chr2	N/A	14	146	37.15	85.86
EIF4H	370.90	457.08	0.81	chr7	7q11.23	53	633	101.74	55.05
Hs.627735	127.99	157.73	0.81	chr7	N/A	10	28	45.30	80.71
Hs.733084	14.58	17.97	0.81	chr9	N/A	23	827	81.31	92.77
Hs.587044	21.80	26.87	0.81	chr2	N/A	10	73	75.32	56.27
DSCR4	15.64	19.28	0.81	chr21	21q22.2	33	520	157.71	66.06
Hs.659264	5.76	7.09	0.81	chr2	N/A	3	66	66.75	142.10
AKNAD1	7.46	9.20	0.81	chr1	1p13.3	32	969	70.58	92.58
KCNH8	18.20	22.44	0.81	chr3	3p24.3	26	457	134.12	89.23
SLAIN2	57.84	71.31	0.81	chr4	4p11	70	2623	133.16	159.11
Hs.664593	9.96	12.28	0.81	chr18	N/A	14	146	85.73	87.50
Hs.720342	31.86	39.28	0.81	chr13	N/A	1	304	0.00	32.05
FADD	57.18	70.50	0.81	chr11	11q13.3	40	605	70.54	57.13
Hs.527936	7.85	9.68	0.81	chr17	N/A	1	304	0.00	72.05
GLYCTK	37.33	46.03	0.81	chr3	3p21.1	18	640	49.36	120.99
HK1	258.39	318.63	0.81	chr10	10q22	54	638	238.65	103.57
CCT3	287.64	354.69	0.81	chr1	1q23	31	555	79.52	85.87
LAMC3	28.60	35.27	0.81	chr9	9q31-q34	38	936	97.28	76.96
Hs.733834	5.17	6.38	0.81	chr16	N/A	7	73	46.46	89.22
MSI2	37.83	46.65	0.81	chr17	17q22	57	1503	80.58	84.33
Hs.660965	9.40	11.60	0.81	chr4	N/A	7	73	57.28	80.24
Hs.49181	15.11	18.64	0.81	chr7	N/A	5	22	62.05	40.07
Hs.731960	127.32	157.05	0.81	chr11	N/A	7	73	49.67	54.94
TRHR	11.92	14.70	0.81	chr8	8q23	26	492	72.45	81.20
Hs.733931	21.84	26.94	0.81	chr6	N/A	3	66	86.93	72.16
Hs.661342	8.07	9.96	0.81	chr7	N/A	15	450	72.01	135.26
ER13	43.85	54.09	0.81	chr1	1p32	48	666	167.66	76.50
Hs.665299	10.25	12.65	0.81	chr22	N/A	7	73	71.03	164.84
BCL2	48.32	59.61	0.81	chr18	18q21.3	109	2335	102.03	145.57
Hs.589289	24.70	30.47	0.81	chr14	N/A	3	66	64.39	125.61
SATB2	28.77	35.49	0.81	chr2	2q33	40	996	211.02	311.46
Hs.633316	13.42	16.56	0.81	chr4	N/A	16	383	114.52	144.49
LOC646903	12.89	15.90	0.81	chr3	3q25.1	13	393	84.46	166.44
Hs.688057	8.28	10.22	0.81	chr3	N/A	7	73	108.69	73.74
ZNF282	47.48	58.60	0.81	chr7	7q36.1	34	673	101.47	89.28
Hs.664574	41.11	50.75	0.81	chr1	N/A	1	304	0.00	61.80
Hs.583928	3.96	4.89	0.81	chr8	N/A	10	16	49.42	30.61
MLLT4	49.58	61.21	0.81	chr6	6q27	105	3120	182.55	229.55
LOC340107	12.44	15.35	0.81	chr5	5p14.1	7	630	81.22	88.27
TRRAP	61.40	75.80	0.81	chr7	7q21.2-q22.1	42	1059	139.15	79.09
ANKS1B	27.26	33.66	0.81	chr12	12q23.1	70	1975	439.37	211.63
BSDC1	115.32	142.41	0.81	chr1	1p35.1	41	1327	85.41	86.25
MAP3K11	80.54	99.45	0.81	chr11	11q13.1-q13.3	33	917	102.83	87.78
C10orf35	58.46	72.19	0.81	chr10	10q22.1	26	469	99.44	275.24
DEFB125	6.52	8.05	0.81	chr20	20p13	17	332	89.89	75.19
Hs.660308	61.89	76.43	0.81	chr3	N/A	17	101	118.77	100.24
Hs.618449	3.43	4.24	0.81	chr13	N/A	1	304	0.00	82.55
AHNAK	262.05	323.66	0.81	chr11	11q12.2	104	2235	223.50	221.59
Hs.368743	15.02	18.55	0.81	chr20	N/A	10	139	65.01	108.11
Hs.563223	45.02	55.62	0.81	chr4	N/A	7	73	55.85	58.64
TTY13	17.01	21.02	0.81	chrY	Yq11.223	19	384	60.16	161.23
Hs.639446	9.94	12.28	0.81	chr8	N/A	7	73	63.08	90.06
CAPS	75.92	93.82	0.81	chr19	19p13.3	42	1401	211.14	235.40
GOLGA6L4	84.86	104.87	0.81	chr15	15q25.2	18	151	68.92	167.19
Hs.444781	53.58	66.22	0.81	chrX	N/A	16	754	129.13	72.59
Hs.132574	10.68	13.20	0.81	chr16	N/A	13	139	58.00	89.41
SLC5A10	266.78	329.75	0.81	chr17	17p11.2	64	708	384.84	314.20
Hs.734385	10.60	13.10	0.81	chr6	N/A	1	304	0.00	54.99
Hs.128021	11.27	13.93	0.81	chr10	N/A	2	22	96.92	100.27
PYDC1	12.85	15.88	0.81	chr16	16p11.2	26	469	96.70	105.93
PMMI	87.91	108.67	0.81	chr22	22q13.2	30	577	92.98	56.78
PNMA3	55.53	68.64	0.81	chrX	Xq28	32	786	90.47	175.79
ABHD1	32.87	40.63	0.81	chr2	2p23.3	37	789	75.26	146.00
Hs.596929	27.78	34.35	0.81	chr3	N/A	7	73	78.20	73.98
LINC00473	12.88	15.92	0.81	chr6	6q27	1	306	0.00	206.28
Hs.595628	58.42	72.24	0.81	chr1	N/A	7	73	42.05	47.72
Hs.705597	129.32	159.93	0.81	chr14	N/A	7	73	41.52	42.32
C9orf9	45.28	56.01	0.81	chr9	9q34	39	870	72.39	212.82
Hs.97313	9.49	11.73	0.81	chr8	N/A	8	377	69.23	72.07
RHBDD2	139.29	172.28	0.81	chr7	7q11.23	30	773	125.78	105.56
SMIM3	115.92	143.39	0.81	chr5	5q33.1	26	469	82.93	104.26
SSRP1	95.15	117.70	0.81	chr11	11q12	38	1009	97.18	69.79
RAB39B	12.61	15.60	0.81	chrX	Xq28	49	918	238.64	109.28
Hs.494343	3.41	4.22	0.81	chr9	N/A	1	304	0.00	91.27
DPH2	59.94	74.15	0.81	chr1	1p34	39	524	100.40	59.56
HMGCL	137.33	169.91	0.81	chr1	1p36.1-p35	30	577	58.38	73.38
FAM41AY2	22.85	28.27	0.81	chrY	Yq11.2	4	304	12.15	56.37
Hs.662314	18.38	22.75	0.81	chr20	N/A	7	73	83.60	72.41
MCCC2	75.94	93.97	0.81	chr5	5q12-q13	36	1301	98.81	117.77
LACC1	27.46	33.98	0.81	chr13	13q14.11	42	1198	97.71	141.38
MEF2C	98.65	122.08	0.81	chr5	5q14	59	1579	238.27	169.34
C21orf59	89.82	111.17	0.81	chr21	21q22.1	38	849	90.18	109.42
LOC100506895	17.65	21.84	0.81	chr7	N/A	1	304	0.00	39.02
MICB	32.92	40.76	0.81	chr6	6p21.3	35	536	93.19	96.99
SERPINE3	8.22	10.17	0.81	chr13	13q14.3	2	16	12.52	17.44
AAAS	59.98	74.26	0.81	chr12	12q13	28	537	62.15	67.71
MYL6B	201.70	249.72	0.81	chr12	12q13.13	30	577	133.71	161.98
ZNF177	28.59	35.40	0.81	chr19	19p13.2	51	729	84.51	75.38
Hs.666023	6.76	8.36	0.81	chr17	N/A	7	73	60.03	81.82
MPP1	112.75	139.59	0.81	chrX	Xq28	48	619	92.45	104.38

Hs.561499	12.40	15.35	0.81	chr6	N/A	1	304	0.00	70.85
LMBRD1	181.48	224.70	0.81	chr6	6q13	32	903	71.58	98.64
Hs.391051	21.00	26.00	0.81	chr19	N/A	8	377	101.60	108.16
ABCA6	37.84	46.86	0.81	chr17	17q24.3	47	691	144.07	133.58
GPLY	31.62	39.15	0.81	chr2	2p11.2	41	994	101.07	192.09
Hs.708749	47.55	58.88	0.81	chr6	N/A	1	304	0.00	71.31
Hs.635165	6.80	8.42	0.81	chr15	N/A	7	73	33.01	65.03
PCDHB9	20.77	25.72	0.81	chr5	5q31	30	365	121.90	51.43
FAM227B	9.94	12.31	0.81	chr15	15q21.2	25	1078	65.46	86.94
VPS72	113.06	140.03	0.81	chr1	1q21	28	555	107.39	46.64
Hs.666914	7.01	8.68	0.81	chr2	N/A	10	139	49.04	77.91
VAC14	28.47	35.26	0.81	chr16	16q22.1	73	1577	149.41	125.14
Hs.666148	16.57	20.53	0.81	chr4	N/A	7	73	81.12	56.64
MICU1	127.23	157.62	0.81	chr10	10q22.1	37	650	137.27	95.88
Hs.668203	9.55	11.83	0.81	chr2	N/A	7	73	62.45	122.41
MECR	42.93	53.19	0.81	chr1	1p35.3	52	752	90.49	113.93
Hs.665968	147.63	182.92	0.81	chr21	N/A	7	73	68.75	47.04
ARL10	19.85	24.60	0.81	chr5	5q35.2	26	1023	104.05	61.68
Hs.553204	15.63	19.36	0.81	chr1	N/A	10	28	27.57	63.80
IRF7	131.07	162.42	0.81	chr11	11p15.5	56	707	267.65	249.46
Hs.710344	9.95	12.34	0.81	chr5	N/A	8	377	76.15	66.59
Hs.679081	9.38	11.62	0.81	chr9	N/A	8	377	65.74	80.75
FOXD2	16.28	20.18	0.81	chr1	1p34-p32	33	523	48.41	92.92
ELK1	60.27	74.70	0.81	chrX	Xp11.2	35	1383	87.59	113.03
IQCF3	19.74	24.47	0.81	chr3	3p21.2	8	342	64.26	254.83
CYR61	545.83	676.55	0.81	chr1	1p22.3	76	1205	172.27	170.48
Hs.732541	15.44	19.14	0.81	chr15	N/A	7	73	95.21	92.47
Hs.585369	16.80	20.83	0.81	chr1	N/A	7	73	73.82	136.16
OR10J5	14.87	18.43	0.81	chr1	1q23.2	13	28	45.22	65.87
CDS1	49.45	61.30	0.81	chr4	4q21.23	70	1887	503.94	118.72
MCOLN1	55.79	69.16	0.81	chr19	19p13.2	21	465	102.75	68.40
Hs.678603	12.85	15.94	0.81	chr1	N/A	1	304	0.00	54.09
Hs.637018	41.62	51.61	0.81	chr7	N/A	10	28	31.84	70.53
ZNF512B	56.75	70.37	0.81	chr20	20q13.33	40	1030	113.32	93.45
SEC24D	29.05	36.02	0.81	chr4	4q26	57	1506	156.63	141.94
Hs.596370	49.43	61.30	0.81	chr3	N/A	1	304	0.00	33.94
Hs.657972	25.67	31.83	0.81	chr13	N/A	7	73	103.45	53.48
DNAJC12	33.29	41.28	0.81	chr10	10q22.1	39	1145	72.22	148.00
PFDN5	660.09	818.56	0.81	chr12	12q12	48	1025	61.07	62.14
MLLT10	42.58	52.80	0.81	chr10	10p12	136	3874	200.82	180.92
CWC15	363.15	450.33	0.81	chr11	11q21	33	542	97.57	93.06
GPR15	20.62	25.58	0.81	chr3	3q11.2-q13.1	23	494	62.23	63.18
Hs.669171	6.12	7.59	0.81	chr6	N/A	1	304	0.00	128.65
CISH	72.69	90.16	0.81	chr3	3p21.3	40	1171	137.14	72.38
RAD9B	8.03	9.97	0.81	chr12	12q24.11	27	762	76.69	128.85
LOC100130156	4.22	5.24	0.81	chr20	20q13.31	9	28	42.03	39.90
Hs.330602	20.33	25.22	0.81	chr5	N/A	7	73	101.46	105.33
TMEM56	32.41	40.21	0.81	chr1	1p21.3	51	944	131.30	173.68
Hs.599356	17.86	22.16	0.81	chr18	N/A	7	73	43.54	57.13
Hs.2389	47.04	58.37	0.81	chr1	N/A	2	22	25.44	96.96
APIP	59.61	73.97	0.81	chr11	11p13	42	910	96.83	108.73
CSMD3	19.03	23.62	0.81	chr8	8q23.3	55	917	262.75	147.13
Hs.600127	63.32	78.59	0.81	chr1	N/A	7	73	116.85	61.13
KCNK17	52.02	64.57	0.81	chr6	6p21.1	29	418	269.40	110.92
Hs.601621	5.83	7.23	0.81	chr1	N/A	7	73	50.96	71.07
USMG5	785.15	974.65	0.81	chr10	10q24.33	24	447	122.23	58.35
Hs.569381	7.77	9.65	0.81	chr14	N/A	15	50	113.75	100.51
Hs.593912	10.36	12.86	0.81	chr17	N/A	3	66	111.13	78.56
Hs.734129	16.06	19.94	0.81	chr5	N/A	7	73	79.68	45.16
SARS	118.99	147.76	0.81	chr1	1p13.3	58	1381	148.60	166.70
KDM4A	67.27	83.54	0.81	chr1	1p34.1	49	1138	135.94	55.93
WTIP	45.17	56.10	0.81	chr19	19q13.11	16	433	112.05	67.55
Hs.89081	13.41	16.66	0.81	chr12	N/A	7	73	91.94	68.31
Hs.604124	11.27	14.00	0.81	chr7	N/A	2	22	96.82	59.08
Hs.602837	9.51	11.81	0.81	chr2	N/A	3	326	36.59	62.78
Hs.668331	10.44	12.97	0.81	chr10	N/A	8	377	37.40	75.06
Hs.126814	101.53	126.11	0.81	chr1	N/A	17	146	113.00	69.43
Hs.585744	8.46	10.51	0.81	chr16	N/A	2	22	46.44	62.07
GRM8	11.70	14.54	0.81	chr7	7q31.3-q32.1	40	1410	75.73	85.17
FLJ42393	13.45	16.71	0.81	chr3	3q27.3	18	79	67.06	65.67
Hs.662340	11.13	13.83	0.81	chr19	N/A	7	73	50.58	112.03
RPS14	921.34	1,144.44	0.81	chr5	5q31-q33	95	1575	111.77	146.14
Hs.146962	15.25	18.94	0.81	chr6	N/A	6	66	76.67	147.67
CIDEC	131.68	163.60	0.80	chr3	3p25.3	24	465	132.16	254.39
VMA21	59.07	73.39	0.80	chrX	Xq28	42	1178	119.91	119.73
LOC100505784	8.06	10.02	0.80	chr4	N/A	8	377	99.09	185.49
Hs.714006	60.57	75.25	0.80	chrX	N/A	8	377	59.65	47.16
INVS	17.21	21.38	0.80	chr9	9q31	54	1794	87.28	89.43
Hs.720353	6.93	8.61	0.80	chr1	N/A	4	309	26.54	67.06
GLP1R	24.39	30.30	0.80	chr6	6p21	50	2268	148.99	177.08
Hs.614081	26.16	32.51	0.80	chr6	N/A	5	420	49.87	51.76
SLC5A11	36.75	45.67	0.80	chr16	16p12.1	19	392	197.91	205.93
Hs.659601	5.79	7.20	0.80	chr5	N/A	8	377	49.58	78.56
PHF8	48.25	59.96	0.80	chrX	Xp11.22	78	1539	182.15	150.92
Hs.581222	7.84	9.75	0.80	chr3	N/A	10	73	63.47	71.26
JUN	289.77	360.13	0.80	chr1	1p32-p31	65	2020	79.06	125.44
Hs.597065	24.90	30.95	0.80	chr10	N/A	7	73	105.09	46.19
CCBP2	22.83	28.38	0.80	chr3	3p21.3	39	1247	128.18	81.22
WDR49	9.37	11.65	0.80	chr3	3q26.1	38	777	103.47	97.91
SCN7A	48.36	60.11	0.80	chr2	2q21-q23	48	970	214.61	227.52
AP5M1	72.45	90.05	0.80	chr14	14q22.3	53	1197	141.69	98.46
LIG3	26.93	33.48	0.80	chr17	17q11.2-q12	61	1446	106.35	76.63
SLC30A1	55.39	68.85	0.80	chr1	1q32.3	33	1141	79.89	126.04

Hs.663289	19.24	23.92	0.80	chr15	N/A	1	304	0.00	43.58
Hs.667829	11.86	14.75	0.80	chr13	N/A	1	304	0.00	99.25
Hs.734195	10.81	13.44	0.80	chr15	N/A	2	22	18.78	59.31
Hs.377961	14.19	17.64	0.80	chr4	N/A	1	304	0.00	79.29
LOC152586	8.92	11.09	0.80	chr4	4q31.1	12	316	38.37	91.56
Hs.659068	68.49	85.15	0.80	chr8	N/A	7	73	73.83	49.20
Hs.148516	9.81	12.19	0.80	chr8	N/A	5	22	45.85	67.50
Hs.596465	4.29	5.33	0.80	chr9	N/A	10	28	39.89	30.90
Hs.735347	8.70	10.82	0.80	chr13	N/A	1	304	0.00	82.49
RAP1GAP2	43.26	53.78	0.80	chr17	17p13.3	46	588	126.47	87.79
Hs.544581	6.66	8.28	0.80	chr6	N/A	2	22	117.79	115.57
LOC100132004	8.70	10.81	0.80	chr9	9q13	9	89	62.67	92.99
ELF5	33.69	41.89	0.80	chr11	11p13-p12	51	969	184.23	308.88
CSRP2	132.28	164.49	0.80	chr12	12q21.1	35	997	159.89	86.74
PDE6G	24.32	30.24	0.80	chr17	17q25	30	565	151.80	101.06
Hs.664912	31.36	39.00	0.80	chr3	N/A	1	304	0.00	66.92
PDE6D	47.16	58.65	0.80	chr2	2q35-q36	50	1447	110.90	95.94
FCER1G	148.06	184.17	0.80	chr1	1q23	38	966	90.17	225.85
ERLEC1	180.84	224.95	0.80	chr2	2p16.2	35	1150	148.38	125.30
ARL14EP	87.32	108.62	0.80	chr11	11p14.1	36	497	164.95	128.51
MMAA	18.51	23.02	0.80	chr4	4q31.21	49	1880	100.77	103.41
Hs.688925	13.25	16.49	0.80	chr2	N/A	5	934	84.67	75.33
DUSP21	9.02	11.22	0.80	chrX	Xp11.4-p11.23	22	481	117.52	116.70
TRAPP3	106.70	132.73	0.80	chr1	1p34.3	35	997	75.64	47.28
CHMP6	45.55	56.67	0.80	chr17	17q25.3	31	530	81.01	55.05
IFRD1	74.08	92.16	0.80	chr7	7q31.1	64	1514	131.62	104.90
Hs.127031	8.68	10.80	0.80	chr10	N/A	7	73	100.29	54.86
CDH23	20.09	25.00	0.80	chr10	10q22.1	77	1586	198.65	207.67
GEMIN6	41.84	52.07	0.80	chr2	2p22.1	21	460	71.43	71.57
LOC100287869	57.71	71.81	0.80	chr6	6p12.2	30	85	77.73	88.24
TMEM258	530.69	660.42	0.80	chr11	11q12.2	28	538	100.28	59.92
Hs.411419	8.42	10.48	0.80	chr17	N/A	7	73	63.90	85.13
YKT6	35.62	44.33	0.80	chr7	7p15.1	49	1103	98.77	92.83
ZNF277	32.44	40.38	0.80	chr7	7q31.1	46	1584	64.21	84.86
Hs.677085	11.68	14.54	0.80	chr4	N/A	11	332	44.57	61.54
Hs.655933	11.69	14.56	0.80	chr6	N/A	1	304	0.00	69.63
AP4B1	45.49	56.63	0.80	chr1	1p13.2	35	1150	96.25	109.78
ART4	20.50	25.52	0.80	chr12	12p13-p12	33	639	69.55	89.39
DLGAP1-AS2	11.07	13.78	0.80	chr18	18p11.31	21	762	94.34	107.65
WDR67	16.02	19.95	0.80	chr8	8q24.13	43	994	94.45	98.45
RBM25	133.22	165.86	0.80	chr14	14q24.3	83	3107	131.31	109.63
CHST3	44.42	55.30	0.80	chr10	10q22.1	35	1395	98.05	91.79
Hs.595142	60.53	75.36	0.80	chr8	N/A	1	304	0.00	74.79
Hs.332843	11.23	13.98	0.80	chr15	N/A	7	73	135.41	102.05
Hs.434704	10.04	12.50	0.80	chr16	N/A	1	304	0.00	62.15
Hs.664105	11.33	14.11	0.80	chr9	N/A	18	405	127.46	87.57
Hs.30483	25.28	31.48	0.80	chr17	N/A	8	377	113.40	51.26
METTL12	25.46	31.70	0.80	chr11	11q12.3	13	757	99.25	99.94
ELMOD1	49.32	61.41	0.80	chr11	11q22.3	28	514	346.43	284.65
PDCL3	107.27	133.59	0.80	chr2	2q11.2	51	589	63.16	57.76
BLMH	57.31	71.38	0.80	chr17	17q11.2	42	644	73.22	106.08
TCEAL6	118.18	147.19	0.80	chrX	Xq22.1	15	80	75.90	151.26
Hs.720186	32.06	39.94	0.80	chr11	N/A	2	22	56.70	72.26
Hs.667405	15.09	18.80	0.80	chr1	N/A	17	212	69.16	65.88
LOC100129550	42.68	53.16	0.80	chr3	3q21.1	1	304	0.00	56.65
Hs.587345	7.45	9.28	0.80	chr5	N/A	4	304	54.05	69.85
MFAP4	183.87	229.05	0.80	chr17	17p11.2	33	567	92.28	125.23
DCUN1D3	47.14	58.73	0.80	chr16	16p12.3	22	157	75.42	60.92
Hs.713819	210.77	262.62	0.80	chr5	N/A	12	498	62.42	49.24
STXBPSL	18.29	22.78	0.80	chr3	3q13.33	35	1283	172.56	125.98
Hs.667325	7.40	9.22	0.80	chr11	N/A	2	22	61.55	69.12
LOC100996795	10.62	13.23	0.80	chr7	N/A	7	73	51.20	65.13
ZNF546	11.57	14.41	0.80	chr19	19q13.2	57	1000	71.61	90.80
Hs.602320	18.65	23.24	0.80	chr3	N/A	9	112	80.09	58.38
CASQ1	104.53	130.28	0.80	chr1	1q21	24	524	57.89	304.42
NUDCD2	46.76	58.28	0.80	chr5	5q34	46	1126	78.13	85.69
COL6A3	513.09	639.57	0.80	chr2	2q37	42	604	178.52	147.37
P4HB	484.49	603.93	0.80	chr17	17q25	62	1531	81.22	113.77
LSM7	118.87	148.18	0.80	chr19	19p13.3	34	655	86.73	69.91
VNIR5	12.93	16.12	0.80	chr1	1q44	17	332	65.45	52.42
BROX	11.94	14.89	0.80	chr1	1q41	31	838	209.89	76.53
Hs.659371	11.40	14.22	0.80	chr2	N/A	14	732	37.32	83.45
Hs.536831	8.04	10.02	0.80	chr5	N/A	7	73	55.16	63.26
SYT13	39.96	49.83	0.80	chr11	11p12-p11	43	975	157.65	156.41
IQCH	8.95	11.16	0.80	chr15	15q23	70	2236	102.81	99.46
LMO1	27.14	33.85	0.80	chr11	11p15	31	604	144.92	95.10
Hs.572281	29.90	37.29	0.80	chr12	N/A	1	304	0.00	52.76
Hs.210043	108.38	135.17	0.80	chr2	N/A	8	377	72.26	143.93
JAGN1	174.08	217.10	0.80	chr3	3p25.2	21	447	118.13	94.25
POLR3E	58.57	73.04	0.80	chr16	16p12.2	38	1473	72.68	77.98
SUGT1	135.25	168.69	0.80	chr13	13q14.3	48	1534	108.17	103.57
LOC149351	21.75	27.13	0.80	chr1	1p22.2	38	506	154.39	327.98
C11orf87	5.34	6.66	0.80	chr11	11q22.3	26	969	75.17	155.52
LOC389247	20.09	25.07	0.80	chr4	4q35.1	1	304	0.00	45.27
GID4	37.27	46.50	0.80	chr17	17p11.2	33	1146	130.41	151.37
STARD13	43.83	54.68	0.80	chr13	13q12-q13	73	1116	86.54	109.50
Hs.659420	29.83	37.21	0.80	chrX	N/A	4	370	30.96	67.31
Hs.255479	10.23	12.76	0.80	chr20	N/A	6	355	73.79	65.19
SPICE1	19.72	24.61	0.80	chr3	3q13.2	50	1027	61.35	95.32
MFSD5	82.27	102.65	0.80	chr12	12q13.13	42	639	70.05	69.04
Hs.541659	13.03	16.25	0.80	chr2	N/A	10	73	94.21	79.69
PLA2G2F	17.61	21.98	0.80	chr1	1p35	31	482	216.92	67.37
PTX3	37.94	47.35	0.80	chr3	3q25	41	643	89.10	246.32

Hs.666540	7.23	9.03	0.80	chr2	N/A	5	51	62.26	92.22
LOC100128219	5.06	6.31	0.80	chr18	18p11.23	10	28	24.44	37.82
Hs.677704	130.49	162.86	0.80	chr22	N/A	10	28	21.02	80.31
NTSR1	13.19	16.46	0.80	chr20	20q13	33	513	67.60	93.47
RPL34-AS1	5.64	7.04	0.80	chr4	4q25	14	332	84.18	66.62
DCLE1A	31.80	39.69	0.80	chr10	10q25.1	30	572	99.37	71.65
SIGLEC8	11.27	14.08	0.80	chr19	19q13.33-q13.	31	1293	65.18	69.59
Hs.118228	6.56	8.19	0.80	chr7	N/A	8	377	61.50	152.01
Hs.409274	8.20	10.24	0.80	chr4	N/A	3	66	94.26	79.34
INPP5J	36.39	45.43	0.80	chr22	22q12.2	31	549	136.71	198.47
RGS6	17.60	21.98	0.80	chr14	14q24.3	82	2126	90.43	123.20
IL31RA	9.54	11.91	0.80	chr5	5q11.2	45	1197	82.80	150.51
CNGB3	14.62	18.26	0.80	chr8	8q21.3	33	904	113.97	104.86
HLA-G	624.23	779.62	0.80	chr6	6p21.3	70	1940	138.90	90.43
ELSPBP1	21.49	26.84	0.80	chr19	19q13.33	26	516	156.45	71.98
Hs.644915	61.83	77.22	0.80	chr5	N/A	5	420	119.54	70.37
Hs.601058	9.92	12.39	0.80	chr7	N/A	7	73	59.47	61.28
CYP1A1	48.48	60.56	0.80	chr15	15q24.1	31	625	83.21	221.21
Hs.147089	5.23	6.54	0.80	chr9	N/A	3	66	22.05	94.34
FAM172A	54.22	67.73	0.80	chr5	5q15	69	1215	160.88	83.26
Hs.122053	15.09	18.85	0.80	chr4	N/A	11	377	83.16	76.19
Hs.664826	9.12	11.39	0.80	chr10	N/A	7	73	78.98	83.51
AXIN2	32.11	40.11	0.80	chr17	17q23-q24	58	1555	152.90	125.03
HPYR1	19.68	24.58	0.80	chr8	8q24.22	2	608	110.29	89.75
Hs.655535	23.49	29.34	0.80	chr1	N/A	1	304	0.00	57.28
CACNA2D3	20.61	25.75	0.80	chr3	3p21.1	44	628	138.12	129.02
Hs.656285	20.00	24.99	0.80	chr4	N/A	8	377	72.50	67.18
Hs.539607	14.45	18.06	0.80	chr13	N/A	10	73	66.96	86.21
SNRPE	157.40	196.65	0.80	chr1	1q32	49	1383	124.94	117.64
Hs.658761	11.33	14.15	0.80	chr1	N/A	7	73	88.21	65.34
Hs.559444	19.87	24.83	0.80	chr6	N/A	1	316	0.00	38.83
NPC1L1	17.31	21.64	0.80	chr7	7p13	43	1232	123.72	230.44
WFDC10A	7.00	8.75	0.80	chr20	20q13.12	17	343	92.17	58.79
SNRNP48	44.80	55.98	0.80	chr6	6p24.3	44	874	73.80	63.79
Hs.734122	10.58	13.22	0.80	chr1	N/A	2	22	28.81	70.06
Hs.591630	26.39	32.99	0.80	chr2	N/A	8	377	49.10	65.37
PNRC1	308.69	385.87	0.80	chr6	6q15	29	565	79.88	66.70
SEPT7	202.45	253.10	0.80	chr7	7p14.2	62	1791	195.56	169.26
Hs.471525	9.17	11.47	0.80	chr2	N/A	3	66	32.52	89.80
LIPC	20.44	25.55	0.80	chr15	15q21-q23	48	656	241.52	270.67
LINC00260	21.46	26.84	0.80	chr1	1q32.1	18	458	93.17	71.72
Hs.667541	13.68	17.11	0.80	chr14	N/A	2	22	109.75	77.62
SLC39A8	34.81	43.53	0.80	chr4	4q22-q24	64	2591	121.35	214.38
Hs.569835	18.41	23.03	0.80	chr17	N/A	10	73	73.85	115.91
SNAP29	52.77	66.00	0.80	chr22	22q11.21	59	1369	123.68	117.11
Hs.734016	13.33	16.67	0.80	chr2	N/A	8	377	59.21	82.28
Hs.665421	25.43	31.81	0.80	chr10	N/A	3	326	74.22	47.49
Hs.704199	39.77	49.76	0.80	chr4	N/A	12	493	113.59	125.73
ITGA2B	14.33	17.93	0.80	chr17	17q21.32	65	1904	113.03	134.13
Hs.668462	29.92	37.44	0.80	chr18	N/A	7	73	96.53	68.42
Hs.97324	8.82	11.03	0.80	chr12	N/A	10	73	68.82	75.54
RPS27A	1,439.11	1,800.47	0.80	chr2	2p16	58	1015	125.05	97.34
TAS2R4	21.87	27.37	0.80	chr7	7q31.3-q32	21	455	54.35	72.58
Hs.597840	31.73	39.70	0.80	chr17	N/A	1	304	0.00	40.75
Hs.658915	10.76	13.46	0.80	chr1	N/A	1	304	0.00	63.64
FYTTD1	149.99	187.70	0.80	chr3	3q29	40	846	62.20	69.79
Hs.714486	314.47	393.56	0.80	chr12	N/A	10	73	102.22	114.90
TRAPPC9	67.65	84.66	0.80	chr8	8q24.3	38	1372	100.16	98.87
HEXB	186.64	233.58	0.80	chr5	5q13	42	701	144.29	88.11
TBATA	33.33	41.72	0.80	chr10	10q22.1	26	461	75.20	230.80
Hs.684541	18.11	22.66	0.80	chr8	N/A	1	304	0.00	46.80
Hs.563200	10.08	12.61	0.80	chr4	N/A	10	73	82.09	100.02
CD99	499.95	625.77	0.80	chrX	Xp22.32 and Y	65	1351	92.74	95.92
HRH1	39.44	49.36	0.80	chr3	3p25	45	1021	158.02	104.47
NFKBIL1	37.09	46.43	0.80	chr6	6p21.3	30	577	109.72	84.15
ZNF592	67.69	84.74	0.80	chr15	15q25.3	36	1308	93.11	62.31
B9D1	26.16	32.75	0.80	chr17	17p11.2	53	1457	108.05	101.95
EPB41L4A	25.10	31.42	0.80	chr5	5q21.3	86	2167	113.66	117.50
PRPF3	75.67	94.74	0.80	chr1	1q21.1	30	577	100.61	94.21
Hs.121224	14.43	18.07	0.80	chr11	N/A	7	73	69.04	92.43
LOC100128988	4.79	6.00	0.80	chr20	20q12	2	16	108.68	56.68
TAS2R39	22.61	28.31	0.80	chr7	7q34	17	332	74.23	111.37
CARHSP1	82.62	103.48	0.80	chr16	16p13.2	36	1501	106.04	115.80
Hs.133924	8.15	10.21	0.80	chr5	N/A	7	73	63.34	78.36
LEPREL4	25.62	32.09	0.80	chr17	17q21.2	30	565	124.88	88.93
ARID1B	42.59	53.35	0.80	chr6	6q25.1	61	2159	103.33	82.42
SUMF2	100.13	125.45	0.80	chr7	7q11.1	39	496	154.11	65.41
ZNF385A	89.78	112.49	0.80	chr12	12q13.13	26	476	56.66	63.87
Hs.737385	31.80	39.84	0.80	chr1	N/A	1	304	0.00	58.08
Hs.570735	6.90	8.64	0.80	chr4	N/A	10	332	57.40	61.74
Hs.543704	11.11	13.92	0.80	chr4	N/A	10	73	83.22	70.97
CYP2A13	24.13	30.24	0.80	chr19	19q13.2	30	578	96.40	143.42
SALL3	13.13	16.45	0.80	chr18	18q23	25	1097	165.32	100.94
SYT5	18.49	23.17	0.80	chr19	11p	45	1024	91.12	96.91
KY	24.20	30.33	0.80	chr3	3q22.2	17	1256	78.68	106.71
METTL15	16.26	20.38	0.80	chr11	11p14.1	48	1718	107.55	88.94
SYNE2	51.63	64.70	0.80	chr14	14q23.2	109	2444	199.07	151.69
PLCH1	14.52	18.20	0.80	chr3	3q25.31	57	1501	199.63	160.34
ATP6V1B2	243.98	305.79	0.80	chr8	8p21.3	28	555	128.87	88.33
Hs.708443	58.66	73.52	0.80	chr1	N/A	7	73	77.34	86.82
CCL26	15.75	19.74	0.80	chr7	7q11.23	31	438	162.80	86.92
Hs.174942	10.32	12.93	0.80	chr3	N/A	7	73	42.88	89.80
Hs.599607	21.39	26.81	0.80	chr7	N/A	7	73	62.63	80.26

Hs.125950	11.15	13.97	0.80	chr12	N/A	7	73	60.50	91.82
KCNIP3	23.58	29.56	0.80	chr2	2q21.1	34	2210	99.94	107.60
Hs.498015	33.22	41.65	0.80	chr1	N/A	17	487	151.18	80.62
ZFP69	11.24	14.09	0.80	chr1	1p34.2	22	460	104.72	74.22
Hs.594122	53.26	66.77	0.80	chr9	N/A	8	377	93.98	51.92
FOXJ1	18.69	23.43	0.80	chr5	5q34	40	646	60.86	117.69
LOC100507480	10.11	12.67	0.80	chr15	N/A	11	377	89.88	137.86
Hs.661290	36.10	45.26	0.80	chr2	N/A	7	73	45.86	65.81
ARVP6125	25.68	32.21	0.80	chr3	3q22.1	13	28	47.98	122.82
Hs.566641	3.75	4.71	0.80	chr15	N/A	10	28	37.83	37.62
ETF1	143.24	179.62	0.80	chr5	5q31.1	38	997	103.04	57.26
Hs.559989	6.30	7.90	0.80	chr11	N/A	10	73	47.27	75.83
MYEOV	24.77	31.07	0.80	chr11	11q13	22	712	89.21	90.42
INSL4	14.77	18.52	0.80	chr9	9p24	38	579	110.23	96.25
Hs.664460	8.15	10.22	0.80	chr1	N/A	7	73	42.21	62.54
PLEKHG3	46.50	58.32	0.80	chr14	14q23.3	47	1060	119.83	99.84
Hs.734284	15.30	19.19	0.80	chr10	N/A	7	73	126.14	92.10
Hs.662420	15.83	19.85	0.80	chr1	N/A	7	73	57.52	110.67
Hs.551042	7.04	8.82	0.80	chr4	N/A	5	608	64.44	67.52
LOC100506405	16.80	21.08	0.80	chr2	N/A	1	304	0.00	51.18
GIGYF2	55.20	69.24	0.80	chr2	2q37.1	75	2127	98.35	88.34
TYROBP	220.61	276.72	0.80	chr19	19q13.1	29	577	89.80	150.35
Hs.644986	97.67	122.52	0.80	chr2	N/A	7	73	90.73	63.26
Hs.607854	14.40	18.06	0.80	chr10	N/A	1	304	0.00	49.24
Hs.662664	9.31	11.67	0.80	chr5	N/A	6	392	44.77	88.18
Hs.666883	11.39	14.29	0.80	chr1	N/A	2	22	53.54	43.81
COPG2	36.70	46.05	0.80	chr7	7q32	37	1202	78.65	127.18
Hs.603139	29.82	37.41	0.80	chr6	N/A	7	73	54.91	69.61
RRM1	79.81	100.14	0.80	chr11	11p15.5	46	1374	104.23	114.65
SLC25A36	145.65	182.77	0.80	chr3	3q23	76	2222	131.31	85.54
CCL8	29.22	36.66	0.80	chr17	17q11.2	23	494	125.62	149.91
NLGN2	60.80	76.31	0.80	chr17	17p13.1	28	1065	67.80	89.61
Hs.679090	4.89	6.14	0.80	chr13	N/A	1	304	0.00	103.69
ADORA2A-AS1	17.57	22.06	0.80	chr22	22q11.23	36	816	96.13	115.42
Hs.397465	50.06	62.84	0.80	chr7	N/A	12	493	96.13	69.66
KIFC3	51.33	64.44	0.80	chr16	16q13-q21	33	920	96.22	77.37
Hs.602877	23.00	28.88	0.80	chr11	N/A	2	22	86.07	47.88
ZNF542	38.74	48.64	0.80	chr19	19q13.43	27	770	77.45	62.43
FERMT3	58.97	74.04	0.80	chr11	11q13.1	31	519	158.89	185.51
PMF1	73.92	92.82	0.80	chr1	1q12	33	655	71.96	64.65
FKBP2	196.03	246.16	0.80	chr11	11q13.1-q13.3	44	628	149.20	100.52
CBY3	6.16	7.73	0.80	chr5	5q35.3	5	342	61.77	93.62
Hs.667299	10.63	13.35	0.80	chr5	N/A	2	22	15.40	97.84
MTPN	264.67	332.36	0.80	chr7	7q33	64	975	162.01	147.98
COBL	51.23	64.33	0.80	chr7	7p12.1	73	1268	143.42	137.98
ACVR2B-AS1	30.89	38.79	0.80	chr3	3p22.2	5	420	48.11	69.07
WDR19	41.09	51.61	0.80	chr4	4p14	50	1185	200.23	122.74
APPL2	121.08	152.06	0.80	chr12	12q24.1	28	532	184.92	259.40
RUNX1	20.88	26.23	0.80	chr21	21q22.3	123	5096	110.88	147.67
C5orf42	18.31	23.00	0.80	chr5	5p13.2	63	1052	92.25	133.92
Hs.538168	8.15	10.24	0.80	chr1	N/A	10	73	50.50	124.40
C12orf39	35.88	45.06	0.80	chr12	12p12.1	46	928	86.68	122.26
Hs.734210	8.73	10.96	0.80	chr14	N/A	2	22	32.46	47.41
OAF	83.36	104.72	0.80	chr11	11q23.3	32	749	210.12	148.61
LIMS1	75.56	94.93	0.80	chr2	2q12.3	66	2105	123.85	118.94
Hs.561456	14.54	18.27	0.80	chr5	N/A	10	73	44.34	76.46
Hs.668113	13.04	16.38	0.80	chr2	N/A	2	22	0.76	59.01
IMPAD1	54.07	67.95	0.80	chr8	8q12.1	87	2311	130.99	118.21
ALG13	54.09	67.98	0.80	chrX	Xq23	92	2151	133.36	103.49
Hs.7847	18.57	23.34	0.80	chr3	N/A	8	377	52.51	62.01
LYVE1	74.58	93.75	0.80	chr11	11p15	43	1036	85.60	160.07
DGKB	7.29	9.17	0.80	chr7	7p21.2	43	824	110.48	103.56
SIPR2	30.99	38.96	0.80	chr19	19p13.2	33	894	136.87	104.33
MYO3A	7.30	9.18	0.80	chr10	10p11.1	30	1134	105.35	77.07
WDR33	46.64	58.63	0.80	chr2	2q14.3	109	2243	163.15	105.67
HMGN3	341.90	429.85	0.80	chr6	6q14.1	56	853	119.14	85.09
LOC100133746	5.34	6.71	0.80	chr15	N/A	10	28	160.31	80.06
SMAD2	65.43	82.27	0.80	chr18	18q21.1	108	2317	120.86	79.05
Hs.180134	19.24	24.19	0.80	chr14	N/A	7	73	130.44	114.45
Hs.435972	9.36	11.76	0.80	chr7	N/A	1	306	0.00	61.27
UBA52	1,322.43	1,662.99	0.80	chr19	19p13.1-p12	66	668	135.64	80.97
TGIF1	81.30	102.24	0.80	chr18	18p11.3	49	881	208.06	152.34
HTR1F	19.26	24.22	0.80	chr3	3p12	21	457	149.57	70.30
CREBRF	86.88	109.26	0.80	chr5	5q35.1	43	1824	127.88	83.56
Hs.673907	41.80	52.58	0.80	chr18	N/A	1	304	0.00	42.78
Hs.621790	17.11	21.51	0.80	chr11	N/A	1	304	0.00	65.85
Hs.150671	10.48	13.18	0.80	chr3	N/A	7	73	62.29	80.56
SUPT7L	53.40	67.16	0.80	chr2	2p23.3	57	1513	106.92	85.83
NFE2L3	23.67	29.76	0.80	chr7	7p15.2	56	1021	123.40	130.06
MARS2	26.65	33.52	0.80	chr2	2q33.1	22	386	160.58	51.30
Hs.659105	12.41	15.61	0.80	chr15	N/A	18	405	73.58	67.12
CNTN5	9.74	12.25	0.80	chr11	11q22.1	41	943	95.40	161.78
Hs.407523	14.26	17.93	0.80	chr6	N/A	7	73	101.71	90.93
Hs.400432	24.25	30.50	0.79	chr13	N/A	1	304	0.00	81.91
KCNJ3	18.16	22.84	0.79	chr2	2q24.1	43	1366	83.17	115.73
Hs.732718	43.63	54.88	0.79	chr4	N/A	7	73	39.00	65.00
TMEM19	44.58	56.09	0.79	chr12	12q21.1	45	1541	110.74	84.13
Hs.135052	22.67	28.52	0.79	chr19	N/A	18	450	145.70	60.68
Hs.500245	12.87	16.19	0.79	chr10	N/A	3	326	34.37	68.67
LINC00857	9.00	11.33	0.79	chr10	10q22.3	11	332	103.42	52.10
MMACHC	33.14	41.70	0.79	chr1	1p34.1	37	588	133.65	64.38
ZMYND11	160.31	201.76	0.79	chr10	10p14	65	1811	149.93	184.40
Hs.602709	9.39	11.82	0.79	chr11	N/A	1	304	0.00	55.27

Hs.127350	11.81	14.87	0.79	chr1	N/A	3	66	63.37	155.18
Hs.603706	7.24	9.11	0.79	chr7	N/A	2	22	8.77	71.32
OR8J1	10.61	13.35	0.79	chr11	11q12.1	19	28	112.07	50.01
Hs.157864	17.44	21.95	0.79	chr10	N/A	11	332	76.96	70.45
ZNF350	29.59	37.25	0.79	chr19	19q13.41	43	976	183.91	128.90
Hs.667669	11.99	15.09	0.79	chr21	N/A	7	73	35.59	69.66
FOLR2	53.49	67.33	0.79	chr11	11q13.3-q13.5	51	936	95.51	103.68
Hs.707102	31.01	39.04	0.79	chr3	N/A	2	16	74.21	32.41
Hs.667306	10.03	12.62	0.79	chr6	N/A	7	73	67.40	75.92
Hs.605583	8.62	10.85	0.79	chr3	N/A	1	304	0.00	106.28
GPRC5B	91.27	114.91	0.79	chr16	16p12	53	1396	102.39	264.38
DYNLT1	390.53	491.70	0.79	chr6	6q25.2-q25.3	46	690	91.21	85.93
MAGEA6	12.85	16.18	0.79	chrX	Xq28	124	671	55.98	164.29
LOC440934	24.34	30.65	0.79	chr2	2q36.1	41	826	65.83	304.62
NTAN1	77.39	97.45	0.79	chr16	16p13.11	51	1403	88.31	74.37
Hs.741517	34.75	43.76	0.79	chr21	N/A	7	73	93.71	52.71
CASP4	55.79	70.26	0.79	chr11	11q22.2-q22.3	62	1039	92.92	94.51
INO80C	87.36	110.03	0.79	chr18	18q12.2	18	636	63.59	73.40
Hs.591793	10.18	12.82	0.79	chr6	N/A	8	377	81.33	69.84
Hs.669946	7.73	9.73	0.79	chr1	N/A	9	475	56.29	71.63
RNF34	76.09	95.84	0.79	chr12	12q24.31	54	954	178.39	81.58
Hs.213722	17.61	22.18	0.79	chr4	N/A	4	304	27.38	57.89
TRIM71	10.56	13.30	0.79	chr3	3p22.3	8	52	47.79	43.99
EDEM2	48.80	61.47	0.79	chr20	20q11.22	38	560	133.73	88.76
LYPLA2	117.92	148.54	0.79	chr1	1p36.11	47	1502	139.11	83.72
STRADB	129.00	162.51	0.79	chr2	2q33.1	47	521	94.58	127.87
Hs.506062	7.18	9.05	0.79	chr3	N/A	11	332	30.84	76.43
Hs.178202	27.09	34.13	0.79	chr16	N/A	1	304	0.00	38.33
ZNF829	32.15	40.50	0.79	chr19	19q13.12	51	943	175.44	341.32
Hs.658538	11.08	13.96	0.79	chr3	N/A	1	304	0.00	64.30
Hs.636855	11.03	13.90	0.79	chr20	N/A	10	840	93.06	88.44
Hs.666411	10.70	13.48	0.79	chr10	N/A	7	73	38.84	63.53
PROSC	71.86	90.54	0.79	chr8	8p11.2	79	2426	195.48	105.76
Hs.634496	7.73	9.75	0.79	chr1	N/A	7	73	71.40	84.66
ZNF250	21.06	26.54	0.79	chr8	8q24.3	45	1020	82.34	74.79
NAV3	20.96	26.41	0.79	chr12	12q14.3	65	2291	144.87	160.97
Hs.666755	12.29	15.49	0.79	chr12	N/A	7	73	80.46	93.28
LOC100128653	48.74	61.44	0.79	chr7	7p22.3	1	304	0.00	41.62
Hs.736397	7.34	9.25	0.79	chr11	N/A	2	608	67.12	93.39
FEV	19.61	24.72	0.79	chr2	2q36	23	495	114.68	116.79
LYRM2	50.80	64.04	0.79	chr6	6q15	47	1825	93.30	61.59
FBXO6	36.57	46.11	0.79	chr1	1p36.22	24	413	87.85	56.95
ECSCR	69.15	87.18	0.79	chr5	5q31.2	21	1065	84.92	107.55
Hs.525499	8.54	10.77	0.79	chr14	N/A	1	304	0.00	67.66
Hs.584800	16.15	20.36	0.79	chrX	N/A	8	377	104.81	54.73
TFB1M	54.63	68.88	0.79	chr6	6q25.1-q25.3	44	1287	65.12	69.64
JUP	285.77	360.34	0.79	chr17	17q21	36	577	85.93	146.66
Hs.569646	10.39	13.10	0.79	chr16	N/A	11	332	56.20	80.55
TTC7B	52.80	66.58	0.79	chr14	14q32.11	35	547	72.68	73.03
LOC100131496	7.05	8.89	0.79	chr20	20q13.12	11	332	70.47	90.92
BCDIN3D	44.39	55.98	0.79	chr12	12q13.12	23	476	114.04	107.48
Hs.407490	12.20	15.39	0.79	chr3	N/A	7	73	68.24	143.30
LMAN1L	21.27	26.83	0.79	chr15	15q24.1	35	600	84.92	104.65
Hs.658131	40.76	51.42	0.79	chr19	N/A	2	608	109.34	73.73
LOH12CR1	29.92	37.75	0.79	chr12	12p12	36	485	45.65	60.71
Hs.687519	13.82	17.43	0.79	chr5	N/A	2	16	72.04	43.12
YES1	67.88	85.65	0.79	chr18	18p11.31-p11.:	67	1603	130.57	99.94
DAZ1	14.79	18.67	0.79	chrY	Yq11.223	53	1530	87.92	163.91
SRPRB	106.87	134.86	0.79	chr3	3q22.1	56	1372	125.95	92.43
Hs.152460	17.93	22.63	0.79	chr8	N/A	11	332	40.57	143.99
Hs.603603	15.88	20.05	0.79	chr2	N/A	2	22	16.08	53.82
LRRC8B	23.99	30.28	0.79	chr1	1p22.2	76	1926	156.60	142.29
Hs.657030	12.55	15.83	0.79	chr6	N/A	7	73	25.70	77.91
SRXN1	132.72	167.52	0.79	chr20	20p13	24	447	84.06	68.56
Hs.151880	6.10	7.70	0.79	chr7	N/A	1	304	0.00	51.25
Hs.385613	4.09	5.17	0.79	chr4	N/A	1	304	0.00	77.59
ZNF329	28.25	35.66	0.79	chr19	19q13.43	26	501	121.25	62.59
Hs.609021	38.21	48.24	0.79	chr3	N/A	1	304	0.00	36.12
Hs.667383	6.33	7.99	0.79	chr15	N/A	7	73	53.99	57.07
MYO1B	60.45	76.33	0.79	chr2	2q12-q34	102	1884	258.56	181.35
CLHC1	13.48	17.02	0.79	chr2	2p16.1	22	396	103.43	81.04
LOC100507661	11.17	14.11	0.79	chr3	N/A	7	73	126.25	144.65
RAB3C	14.01	17.69	0.79	chr5	5q13	34	838	82.99	63.88
Hs.134829	12.19	15.39	0.79	chr18	N/A	10	73	74.95	101.06
RPA1	83.06	104.91	0.79	chr17	17p13.3	55	1486	132.72	77.29
Hs.224764	33.25	42.00	0.79	chr20	N/A	18	417	140.58	129.03
Hs.675453	4.70	5.94	0.79	chr3	N/A	10	28	23.28	96.90
ABCF1	134.72	170.17	0.79	chr6	6p21.33	41	583	106.10	55.35
Hs.98144	28.76	36.33	0.79	chr11	N/A	10	73	52.91	58.49
DIS3L2	29.84	37.70	0.79	chr2	2q37.1	49	1125	121.48	105.91
GPR52	13.97	17.64	0.79	chr1	1q24	24	453	216.17	87.33
EPS8L3	106.07	134.01	0.79	chr1	1p13.3	45	675	247.85	287.75
CNR1	17.03	21.52	0.79	chr6	6q14-q15	51	1753	157.42	170.57
Hs.666759	13.08	16.53	0.79	chr8	N/A	7	73	69.62	74.49
Hs.411959	15.78	19.93	0.79	chr18	N/A	1	304	0.00	46.08
ST5	142.37	179.90	0.79	chr11	11p15	44	616	183.60	151.34
Hs.662705	44.20	55.85	0.79	chr19	N/A	14	146	126.01	92.37
HS3ST3A1	19.10	24.14	0.79	chr17	17p12	25	530	104.58	133.09
Hs.667985	10.35	13.08	0.79	chr11	N/A	7	73	69.16	58.24
Hs.50125	17.18	21.72	0.79	chrX	N/A	4	304	72.20	66.61
NSUN2	75.76	95.76	0.79	chr5	5p15.31	42	667	119.85	75.44
TOR1AIP1	90.30	114.15	0.79	chr1	1q24.2	87	1842	148.61	97.24
Hs.147556	14.70	18.58	0.79	chr14	N/A	2	22	32.03	57.50

PEBP1	875.69	1,107.04	0.79	chr12	12q24.23	45	1037	112.58	99.17
Hs.602558	31.40	39.69	0.79	chr10	N/A	7	73	127.87	76.93
ARHGEF40	74.73	94.48	0.79	chr14	14q11.2	57	1528	97.44	108.45
MT4	27.22	34.41	0.79	chr16	16q13	27	590	140.96	116.76
TRAF6	42.86	54.19	0.79	chr11	11p12	64	1121	91.04	53.39
Hs.130964	42.35	53.55	0.79	chr17	N/A	6	66	93.73	63.27
Hs.658703	8.49	10.74	0.79	chr13	N/A	10	28	151.49	61.83
Hs.593044	65.95	83.40	0.79	chr2	N/A	9	681	43.11	82.20
KLC1	129.11	163.25	0.79	chr14	14q32.3	82	1811	127.61	135.79
Hs.525704	292.95	370.43	0.79	chr1	N/A	14	146	60.55	128.06
LOC100506459	9.96	12.60	0.79	chr1	N/A	11	336	43.32	81.04
SPIC	5.93	7.50	0.79	chr12	12q23.2	20	332	45.28	113.21
FAM21C	136.63	172.81	0.79	chr10	10q11.1	80	1112	140.12	77.83
Hs.660393	9.74	12.32	0.79	chr10	N/A	3	66	11.83	96.09
Hs.572307	12.95	16.38	0.79	chr15	N/A	7	73	18.73	54.88
CNBP	320.90	405.95	0.79	chr3	3q21	71	1038	121.11	101.26
Hs.413434	9.04	11.43	0.79	chr2	N/A	2	22	52.82	55.13
Hs.600525	7.83	9.90	0.79	chr12	N/A	7	73	37.17	85.34
SUGP2	86.85	109.89	0.79	chr19	19p12	73	2346	94.69	74.42
Hs.156135	2.58	3.26	0.79	chr1	N/A	8	12	58.55	40.76
NSUN3	21.95	27.78	0.79	chr3	3q11.1	37	1214	74.11	82.08
Hs.126889	21.76	27.54	0.79	chr3	N/A	6	326	67.57	56.49
SUFU	29.95	37.91	0.79	chr10	10q24.32	44	1405	299.23	173.16
Hs.708778	5.92	7.49	0.79	chr5	N/A	1	304	0.00	81.02
TBXAS1	24.60	31.14	0.79	chr7	7q34-q35	47	611	72.58	77.07
TTC23	22.94	29.03	0.79	chr15	15q26.3	54	1497	113.53	91.29
Hs.741649	425.11	538.14	0.79	chr12	N/A	7	73	56.69	90.48
AMD1	142.88	180.87	0.79	chr6	6q21	69	1229	107.44	148.54
Hs.565925	6.04	7.65	0.79	chr3	N/A	5	22	34.67	67.50
MRPS14	72.58	91.89	0.79	chr1	1q25.1	35	992	78.58	68.27
BBS4	41.68	52.77	0.79	chr15	15q22.3-q23	54	1132	65.90	86.66
SH3D21	27.16	34.39	0.79	chr1	1p34.3	40	601	98.16	92.88
Hs.664639	36.37	46.04	0.79	chr7	N/A	7	73	57.67	75.39
Hs.439634	4.83	6.11	0.79	chr14	N/A	1	304	0.00	79.94
SP2	39.13	49.54	0.79	chr17	17q21.32	45	1027	132.61	105.58
KCTD19	28.58	36.19	0.79	chr16	16q22.1	20	494	270.27	232.94
Hs.662519	106.15	134.41	0.79	chr2	N/A	9	89	95.08	94.24
Hs.664803	29.18	36.95	0.79	chr7	N/A	6	320	55.02	50.48
CSRNP3	22.44	28.42	0.79	chr2	2q24.3	56	2513	138.50	143.78
SF3A3	98.74	125.04	0.79	chr1	1p34.3	48	619	99.97	86.94
FGF14-IT1	9.91	12.55	0.79	chr13	13q33.1	1	304	0.00	101.26
Hs.669922	5.70	7.22	0.79	chr1	N/A	5	420	21.19	72.77
NKAPL	22.02	27.89	0.79	chr6	6p22.1	42	861	82.98	224.22
Hs.658144	26.89	34.06	0.79	chr11	N/A	33	343	120.53	107.28
LEKR1	9.60	12.16	0.79	chr3	3q25.31	15	688	88.71	68.62
TMEM200B	8.91	11.29	0.79	chr1	1p35	18	93	41.06	103.31
SIRT3	87.05	110.26	0.79	chr11	11p15.5	67	1507	89.12	133.54
Hs.519436	11.51	14.58	0.79	chr5	N/A	5	22	68.47	75.66
LHX8	11.77	14.92	0.79	chr1	1p31.1	11	413	76.65	175.57
Hs.603294	16.45	20.84	0.79	chr7	N/A	10	28	26.36	36.84
DLEU7	6.01	7.62	0.79	chr13	13q14.3	14	332	95.72	83.12
DPH5	107.92	136.73	0.79	chr1	1p21.2	46	1894	109.07	82.08
Hs.135108	22.66	28.71	0.79	chr2	N/A	8	377	116.84	128.86
MTHFR	39.89	50.55	0.79	chr1	1p36.3	106	2371	131.59	103.42
POU3F2	22.72	28.79	0.79	chr6	6q16	34	874	295.84	130.15
ARMCX5	37.67	47.73	0.79	chrX	Xq22.1-q22.3	29	847	61.14	72.00
CNTN1	50.32	63.77	0.79	chr12	12q11-q12	84	1846	294.79	177.61
Hs.718227	47.36	60.01	0.79	chr2	N/A	2	16	23.46	24.58
Hs.436728	10.82	13.71	0.79	chr13	N/A	3	652	10.14	98.09
TNFSF14	22.91	29.03	0.79	chr19	19p13.3	30	802	160.24	190.87
UBAP2L	70.27	89.06	0.79	chr1	1q21.3	65	1888	130.68	71.90
HIC2	29.69	37.63	0.79	chr22	22q11.21	62	1945	101.27	85.82
Hs.658831	34.64	43.91	0.79	chr7	N/A	6	355	153.43	43.59
CSort5	11.97	15.17	0.79	chr5	5p15.33	11	343	48.81	66.18
EGR3	90.05	114.16	0.79	chr8	8p23-p21	33	580	207.83	147.19
Hs.730028	23.70	30.05	0.79	chr16	N/A	8	12	13.72	16.96
Hs.537616	13.35	16.93	0.79	chr1	N/A	5	22	22.45	106.83
Hs.633774	23.13	29.34	0.79	chr5	N/A	5	51	20.03	121.41
Hs.662308	16.98	21.54	0.79	chr5	N/A	7	73	75.95	82.24
Hs.680105	5.46	6.93	0.79	chr11	N/A	1	304	0.00	68.83
LOC100128398	12.91	16.37	0.79	chr19	19q13.43	12	648	108.60	60.90
FNTB	44.77	56.77	0.79	chr14	14q23.3	63	1817	108.18	123.91
Hs.436900	24.59	31.19	0.79	chrY	N/A	1	304	0.00	94.93
ALS2CL	63.37	80.38	0.79	chr3	3p21.31	62	1360	144.94	99.29
ZNF385D	18.73	23.76	0.79	chr3	3p24.3	35	602	103.78	703.04
DNAJC27	33.11	42.00	0.79	chr2	2p23.3	48	1528	98.86	132.18
RPS15	1,523.41	1,932.36	0.79	chr19	19p13.3	45	887	75.22	89.99
Hs.668030	6.65	8.43	0.79	chr2	N/A	2	22	7.13	74.36
Hs.666995	10.68	13.55	0.79	chr12	N/A	7	73	91.04	65.18
RAB32	71.07	90.16	0.79	chr6	6q24.3	41	909	113.91	111.19
FKBP4	91.68	116.32	0.79	chr12	12p13.33	44	1633	74.28	314.38
Hs.667115	9.54	12.11	0.79	chr11	N/A	4	78	14.22	31.31
Hs.585987	16.70	21.19	0.79	chr2	N/A	22	523	144.13	100.03
Hs.662245	25.20	31.98	0.79	chrX	N/A	1	304	0.00	57.16
HMGXB3	86.85	110.22	0.79	chr5	5q32	22	952	66.81	56.79
CCND3	146.73	186.23	0.79	chr6	6p21	52	976	168.79	110.06
Hs.585624	15.76	20.00	0.79	chr13	N/A	8	377	61.26	95.25
TIRAP	26.77	33.98	0.79	chr11	11q24.2	69	1660	99.03	70.77
SDC3	73.36	93.12	0.79	chr1	1pter-p22.3	48	1022	158.04	164.83
Hs.656843	7.64	9.70	0.79	chr18	N/A	8	377	64.30	83.14
Hs.661375	15.88	20.16	0.79	chr10	N/A	15	450	88.04	66.08
Hs.499441	28.55	36.25	0.79	chr10	N/A	6	66	72.60	69.52
MAST1	18.31	23.25	0.79	chr19	19p13.2	36	684	111.29	163.55

TMEM51-AS1	12.12	15.39	0.79	chr1	1p36.21	46	808	99.71	102.01
C16orf80	110.98	140.93	0.79	chr16	16q21	32	616	73.22	65.26
LOC339593	8.05	10.23	0.79	chr20	20p12.2	1	304	0.00	60.25
THYN1	113.60	144.27	0.79	chr11	11q25	38	861	62.11	41.57
LOC100506119	19.32	24.53	0.79	chr9	N/A	8	389	84.05	95.07
DZIP3	44.50	56.52	0.79	chr3	3q13.13	83	1714	116.17	153.33
CLDN9	27.50	34.92	0.79	chr16	16p13.3	52	717	114.42	80.03
Hs.480419	14.46	18.36	0.79	chr4	N/A	5	51	55.36	52.43
Hs.571430	10.85	13.79	0.79	chr8	N/A	23	56	96.29	42.15
C10TNF5	80.56	102.33	0.79	chr11	11q23.3	45	857	92.34	78.87
NAA35	66.05	83.91	0.79	chr9	9q21.33	56	1066	83.35	69.48
BRS3	13.20	16.76	0.79	chrX	Xq26.3	24	797	86.94	70.61
Hs.595802	116.29	147.73	0.79	chr3	N/A	8	377	102.83	42.38
Hs.656710	92.59	117.63	0.79	chr7	N/A	1	304	0.00	41.14
Hs.655725	8.30	10.54	0.79	chr12	N/A	7	73	55.94	67.94
Hs.555499	22.57	28.67	0.79	chr12	N/A	1	304	0.00	32.44
PRMT6	39.28	49.91	0.79	chr1	1p13.3	27	405	109.59	53.31
IFT46	90.78	115.37	0.79	chr11	11q23.3	28	533	83.95	65.07
Hs.585896	13.02	16.55	0.79	chr19	N/A	2	22	13.35	52.38
Hs.668192	6.06	7.71	0.79	chr6	N/A	7	73	74.94	92.92
Hs.637980	2.82	3.59	0.79	chr11	N/A	10	28	48.33	48.30
Hs.553088	14.14	17.97	0.79	chr4	N/A	4	304	57.20	43.86
Hs.658181	29.68	37.73	0.79	chr3	N/A	14	146	108.74	577.39
SF3B3	80.91	102.87	0.79	chr16	16q22.1	67	1177	154.10	106.43
Hs.668411	23.94	30.44	0.79	chr15	N/A	2	608	107.81	118.41
CLCN6	50.90	64.71	0.79	chr1	1p36	60	751	89.57	384.26
Hs.301898	16.64	21.15	0.79	chr20	N/A	24	478	68.44	103.17
TRIM27	89.21	113.42	0.79	chr6	6p22	83	1776	138.85	74.04
Hs.171463	7.10	9.03	0.79	chr5	N/A	1	304	0.00	74.58
ICAM3	88.03	111.93	0.79	chr19	19p13.3-p13.2	38	579	85.16	142.66
TMEM66	336.75	428.17	0.79	chr8	8p12	21	808	165.23	112.90
Hs.709987	13.92	17.70	0.79	chr4	N/A	8	377	85.49	63.75
C2CD5	123.19	156.64	0.79	chr12	12p12.1	40	588	284.82	79.65
MRPL45	112.97	143.65	0.79	chr17	17q21.2	39	497	83.99	60.18
Hs.662760	26.70	33.96	0.79	chr1	N/A	1	304	0.00	39.75
ABCG1	39.02	49.62	0.79	chr21	21q22.3	65	1407	92.00	79.89
GPR139	23.03	29.29	0.79	chr16	16p12.3	10	104	142.72	73.06
Hs.744310	38.38	48.81	0.79	chr19	N/A	8	377	79.87	63.11
Hs.544669	11.09	14.11	0.79	chr6	N/A	2	22	16.08	67.51
PWP1	144.47	183.74	0.79	chr12	12q23.3	61	1630	248.23	91.95
C14orf142	35.59	45.26	0.79	chr14	14q32.12	26	469	67.61	86.78
Hs.121664	10.89	13.85	0.79	chr6	N/A	7	73	61.69	89.32
Hs.606738	10.53	13.39	0.79	chr3	N/A	10	28	164.24	80.73
Hs.409078	9.33	11.87	0.79	chr11	N/A	2	608	60.76	68.87
Hs.147346	6.77	8.62	0.79	chr18	N/A	2	22	7.89	52.91
Hs.660709	14.63	18.62	0.79	chr18	N/A	7	73	106.64	104.33
Hs.149533	6.98	8.89	0.79	chr1	N/A	3	66	44.44	74.10
TAS2R42	4.71	5.99	0.79	chr12	12p13	16	28	25.87	58.96
GAD2	16.26	20.68	0.79	chr10	10p11.23	43	1754	142.02	120.44
Hs.667627	12.79	16.27	0.79	chr17	N/A	3	66	85.97	98.45
Hs.112143	10.01	12.73	0.79	chr5	N/A	1	304	0.00	71.79
CRLF2	13.41	17.06	0.79	chrX	Xp22.3; Yp11.1	27	457	53.27	80.68
ULK2	34.13	43.42	0.79	chr17	17p11.2	81	2075	154.69	105.21
Hs.598454	18.66	23.74	0.79	chr2	N/A	7	73	57.29	55.26
PURB	52.61	66.93	0.79	chr7	7p13	64	1905	97.44	102.03
CHD4	174.49	222.01	0.79	chr12	12p13	50	1490	107.31	71.92
MLF2	231.17	294.14	0.79	chr12	12p13	30	576	118.64	62.25
Hs.112621	7.31	9.30	0.79	chr7	N/A	8	377	65.40	166.29
Hs.537695	132.07	168.06	0.79	chr1	N/A	17	146	229.38	120.81
Hs.596038	18.91	24.06	0.79	chr19	N/A	8	377	117.75	76.98
DTNBP1	47.82	60.85	0.79	chr6	6p22.3	48	1156	106.41	70.97
Hs.634964	33.35	42.45	0.79	chr14	N/A	8	448	79.71	73.02
TEFM	47.24	60.13	0.79	chr17	N/A	43	938	61.09	55.37
Hs.666792	10.89	13.87	0.79	chr6	N/A	3	326	82.62	55.43
Hs.668622	8.68	11.04	0.79	chr6	N/A	1	304	0.00	55.03
Hs.123278	10.54	13.41	0.79	chr3	N/A	9	355	79.22	73.15
Hs.604683	30.63	38.99	0.79	chr11	N/A	7	73	68.17	54.58
Hs.732053	19.88	25.31	0.79	chr1	N/A	7	73	55.52	55.70
IL22RA2	16.81	21.40	0.79	chr6	6q25.1	39	530	68.74	169.68
Hs.594592	4.40	5.60	0.79	chr11	N/A	1	304	0.00	71.35
LSAMP	33.90	43.16	0.79	chr3	3q13.2-q21	105	2639	230.36	431.22
UBE2U	8.06	10.26	0.79	chr1	1p31.3	25	710	82.38	144.20
ADORA2B	30.56	38.91	0.79	chr17	17p12	30	573	124.31	92.18
Hs.441078	5.47	6.96	0.79	chr14	N/A	8	12	16.92	35.67
Hs.654746	23.90	30.43	0.79	chr11	N/A	27	715	116.20	62.72
Hs.326414	10.91	13.90	0.79	chr16	N/A	7	73	61.15	82.91
IER3IP1	103.10	131.30	0.79	chr18	18q12	51	945	115.95	81.93
MMP19	48.78	62.12	0.79	chr12	12q14	68	1118	122.69	113.23
CEBPD	354.28	451.22	0.79	chr8	8p11.2-p11.1	49	1187	132.72	156.48
RINT1	35.64	45.40	0.79	chr7	7q22.3	110	616	39.72	58.86
Hs.594371	15.55	19.80	0.79	chr13	N/A	1	311	0.00	55.43
Hs.665727	25.82	32.88	0.79	chr8	N/A	1	304	0.00	43.61
TRHDE-AS1	19.67	25.06	0.79	chr12	12q21.1	9	681	106.62	94.43
Hs.709688	22.74	28.96	0.79	chr8	N/A	5	51	115.42	120.61
Hs.673278	9.11	11.60	0.79	chr6	N/A	1	304	0.00	60.77
C7orf10	20.60	26.24	0.79	chr7	7p14.1	35	636	87.97	126.43
Hs.542101	21.02	26.78	0.79	chr2	N/A	3	66	61.64	84.93
FAM83F	34.32	43.72	0.78	chr22	22q13.1	19	386	101.53	105.65
IPW	72.78	92.72	0.78	chr15	15q11-q12	5	420	116.45	116.45
PEF1	140.48	178.97	0.78	chr1	1p34	28	526	72.79	66.81
ACIN1	108.14	137.77	0.78	chr14	14q11.2	44	718	144.28	92.40
Hs.597678	22.29	28.39	0.78	chr1	N/A	7	73	49.07	77.01
ZBP1	13.59	17.31	0.78	chr20	20q13.31	32	788	167.91	84.90

STC2	26.58	33.87	0.78	chr5	5q35.1	45	1019	158.07	141.96
Hs.664016	13.00	16.56	0.78	chr12	N/A	7	73	72.35	160.53
AAAMP	106.26	135.39	0.78	chr2	2q35	30	577	48.98	53.20
FGFBP2	45.23	57.64	0.78	chr4	4p16	27	372	98.41	216.76
RABL6	73.31	93.42	0.78	chr9	9q34.3	66	1630	104.30	118.70
Hs.545366	6.33	8.07	0.78	chr8	N/A	10	73	63.67	69.79
Hs.12698	7.14	9.10	0.78	chr8	N/A	1	304	0.00	52.91
Hs.112699	17.59	22.41	0.78	chr2	N/A	7	73	57.40	90.47
Hs.666628	10.68	13.61	0.78	chr8	N/A	7	73	96.67	105.62
TACC1	151.02	192.48	0.78	chr8	8p11.22	98	2750	146.78	140.77
Hs.132526	21.14	26.94	0.78	chr1	N/A	11	332	46.52	39.40
MRPS21	215.19	274.28	0.78	chr1	1q21	56	655	81.13	67.52
Hs.257368	14.09	17.95	0.78	chr10	N/A	13	348	73.90	58.21
LINC00862	6.05	7.71	0.78	chr1	1q32.1	4	306	62.46	66.27
Hs.599634	12.82	16.34	0.78	chr11	N/A	3	66	12.70	85.18
Hs.54643	14.66	18.69	0.78	chr11	N/A	14	146	80.80	93.58
ZNF333	21.08	26.88	0.78	chr19	19p13	64	2309	119.84	104.12
ACOX3	35.38	45.10	0.78	chr4	4p15.3	62	1064	116.34	68.66
Hs.657539	8.98	11.45	0.78	chr1	N/A	8	377	33.85	93.51
RIT1	40.13	51.16	0.78	chr1	1q22	58	1373	84.39	75.41
ETV1	36.35	46.35	0.78	chr7	7p21.3	86	2605	163.34	173.95
LOC647211	13.26	16.91	0.78	chr16	16p11.2	2	16	11.29	27.66
MMP2	117.84	150.26	0.78	chr16	16q13-q21	67	1422	193.45	179.01
Hs.553125	9.51	12.13	0.78	chr6	N/A	10	73	76.99	109.17
SERPINB8	36.61	46.68	0.78	chr18	18q22.1	59	1167	115.53	87.57
Hs.128128	8.09	10.32	0.78	chr3	N/A	22	523	80.85	90.94
MAP3K7CL	17.85	22.76	0.78	chr21	21q22.3	28	535	95.42	98.40
MPP6	23.02	29.36	0.78	chr7	7p15	32	599	213.70	166.44
Hs.654917	8.66	11.05	0.78	chr8	N/A	7	73	47.42	81.02
Hs.600665	30.01	38.27	0.78	chr6	N/A	5	51	54.45	266.77
TRIM51	9.68	12.34	0.78	chr11	11q11	19	386	93.30	62.00
SLC2A11	25.10	32.01	0.78	chr22	22q11.23	38	830	68.65	65.44
Hs.671213	10.81	13.78	0.78	chr6	N/A	1	304	0.00	64.45
Hs.666092	12.07	15.40	0.78	chr2	N/A	7	73	86.55	66.09
SDF4	198.96	253.78	0.78	chr1	1p36.33	37	1559	76.17	65.02
HSF4	44.41	56.66	0.78	chr16	16q21	45	701	106.91	104.30
IPO5	84.05	107.22	0.78	chr13	13q32.2	65	1938	122.93	187.48
Hs.188213	7.49	9.55	0.78	chr2	N/A	11	377	59.17	118.23
Hs.385561	13.37	17.06	0.78	chr1	N/A	1	304	0.00	51.77
Hs.281959	13.47	17.19	0.78	chr6	N/A	2	608	95.33	67.34
Hs.134939	8.67	11.07	0.78	chrX	N/A	10	73	84.71	71.61
FGF23	15.81	20.17	0.78	chr12	12p13.3	24	453	131.17	95.27
TTI1	64.61	82.44	0.78	chr20	20q11.23	38	578	112.05	79.15
TCP10	13.35	17.04	0.78	chr6	6q27	23	496	68.85	94.36
Hs.130919	11.20	14.29	0.78	chr21	N/A	8	22	92.41	60.22
PIAS4	32.50	41.48	0.78	chr19	19p13.3	52	1094	153.92	68.15
RABL5	74.98	95.70	0.78	chr7	7q22.1	39	865	77.52	148.38
TNIK	36.82	47.00	0.78	chr3	3q26.31	50	1460	152.56	93.30
NHLH1	28.67	36.60	0.78	chr1	1q22	44	718	121.33	129.21
Hs.667869	6.68	8.53	0.78	chr21	N/A	7	73	74.64	67.13
HIST1H2BI	35.08	44.78	0.78	chr6	6p22.1	21	463	56.01	77.71
NFKB2	26.07	33.28	0.78	chr10	10q24	72	1706	140.64	98.43
SLC9A5	20.17	25.75	0.78	chr16	16q22.1	41	1264	77.98	75.57
Hs.744450	34.02	43.43	0.78	chr22	N/A	5	51	130.40	194.99
CMKLR1	28.20	36.01	0.78	chr12	12q24.1	66	1423	97.59	83.15
TXNL1	208.84	266.65	0.78	chr18	18q21.31	34	947	83.04	104.03
Hs.308169	7.52	9.60	0.78	chr15	N/A	10	73	97.62	70.31
Hs.721186	27.35	34.92	0.78	chr17	N/A	14	532	186.39	95.39
MIR17HG	9.37	11.96	0.78	chr13	13q31.3	33	715	40.61	156.78
STRIP1	109.75	140.14	0.78	chr1	1p13.3	26	469	160.76	103.88
ZFYVE16	42.58	54.37	0.78	chr5	5q14	65	1268	170.03	113.46
RDH13	54.56	69.68	0.78	chr19	19q13.42	35	1702	154.33	100.45
Hs.664993	24.79	31.66	0.78	chr12	N/A	1	304	0.00	49.97
CDC42EP1	68.92	88.02	0.78	chr22	22q13.1	53	707	85.44	86.81
RHBDD1	42.10	53.77	0.78	chr2	2q36.3	70	2157	114.25	92.30
OR6T1	28.40	36.27	0.78	chr11	11q24.1	5	52	113.99	84.75
Hs.664094	5.84	7.46	0.78	chr15	N/A	8	377	67.52	74.49
Hs.208125	4.49	5.73	0.78	chr14	N/A	2	608	53.36	89.57
KCNH4	26.15	33.40	0.78	chr17	17q21.2	21	454	67.30	253.58
Hs.664815	46.14	58.95	0.78	chr3	N/A	1	304	0.00	45.82
Hs.610424	22.71	29.02	0.78	chr9	N/A	7	73	40.14	67.47
Hs.712976	11.32	14.47	0.78	chr2	N/A	17	472	74.39	128.30
FDXR	51.81	66.20	0.78	chr17	17q24-q25	33	579	110.16	179.18
SH2D2A	38.24	48.85	0.78	chr1	1q21	30	572	66.08	71.49
LGALS16	6.66	8.51	0.78	chr19	19q13.2	3	66	13.51	77.78
SMAD3	52.60	67.24	0.78	chr15	15q22.33	98	2306	104.72	91.02
OR10H4	17.77	22.71	0.78	chr19	19p13.12	18	28	72.34	106.78
Hs.572887	11.26	14.39	0.78	chr22	N/A	4	304	57.12	48.04
LCE2B	32.80	41.93	0.78	chr1	1q21	33	532	193.10	410.89
C1GALT1C1	82.10	104.96	0.78	chrX	Xq24	34	533	91.49	78.67
DEFB132	8.61	11.01	0.78	chr20	20p13	7	304	68.80	161.53
EIF2AK4	59.95	76.65	0.78	chr15	15q15.1	23	457	44.63	50.51
LCE3B	20.66	26.42	0.78	chr1	1q21.3	16	28	55.80	42.80
PCGEM1	10.17	13.00	0.78	chr2	2q32	2	608	92.88	85.19
Hs.655116	20.34	26.01	0.78	chr5	N/A	15	448	132.61	60.55
EML3	76.59	97.94	0.78	chr11	11q12.3	47	1505	125.54	91.11
Hs.726384	27.86	35.63	0.78	chr2	N/A	1	304	0.00	39.79
AASDHPPPT	89.15	114.02	0.78	chr11	11q22	62	1461	96.24	93.19
Hs.713814	319.41	408.55	0.78	chr11	N/A	7	73	55.16	59.98
Hs.594783	45.25	57.88	0.78	chr11	N/A	7	73	45.52	50.34
SLC19A3	19.28	24.66	0.78	chr2	2q37	39	866	168.38	162.56
NUDCD3	90.24	115.43	0.78	chr7	7p13-p12	62	1232	125.54	100.44
RAB11FIP4	23.15	29.62	0.78	chr17	17q11.2	89	2209	102.35	135.93

DPCR1	16.35	20.91	0.78	chr6	6p21.33	28	672	141.26	233.18
Hs.732003	50.29	64.35	0.78	chr2	N/A	7	73	59.27	108.25
Hs.667396	14.63	18.72	0.78	chrX	N/A	2	22	35.32	54.87
CHAC2	18.65	23.86	0.78	chr2	2p16	26	466	51.32	82.99
UBQLNL	61.48	78.68	0.78	chr11	11p15.4	21	409	279.01	222.84
Hs.666561	15.38	19.68	0.78	chr1	N/A	7	73	67.28	84.95
SYNGR1	52.38	67.03	0.78	chr22	22q13.1	76	1590	89.81	91.26
LOC100129726	32.47	41.56	0.78	chr2	2p21	15	648	56.82	62.59
FNDC1	53.82	68.89	0.78	chr6	6q25	28	523	77.32	170.01
AGPAT2	89.26	114.25	0.78	chr9	9q34.3	46	1044	130.76	132.99
UXT	229.53	293.82	0.78	chrX	Xp11.23-p11.2	34	550	86.51	53.02
Hs.663138	6.25	8.00	0.78	chr14	N/A	2	16	82.14	106.95
LOC283332	12.48	15.97	0.78	chr12	12q13.12	7	73	73.13	74.23
Hs.652616	28.20	36.11	0.78	chr3	N/A	1	304	0.00	65.87
BCCIP	57.86	74.09	0.78	chr10	10q26.1	65	1336	100.11	84.98
Hs.539375	35.22	45.10	0.78	chr12	N/A	2	22	16.56	46.41
Hs.600906	9.49	12.15	0.78	chr9	N/A	7	73	47.41	72.48
Hs.526519	7.55	9.67	0.78	chr2	N/A	17	146	43.95	105.69
Hs.529758	10.53	13.48	0.78	chr8	N/A	2	608	65.80	62.82
Hs.715050	99.91	127.96	0.78	chr9	N/A	7	73	49.46	52.53
ELL2	101.87	130.48	0.78	chr5	5q15	85	1999	157.93	196.26
Hs.554362	20.66	26.46	0.78	chrX	N/A	7	73	128.57	99.59
MAPKAPK5-AS1	45.78	58.64	0.78	chr12	12q24.12	54	1294	126.01	73.09
Hs.616796	11.80	15.11	0.78	chr1	N/A	8	377	68.43	84.52
Hs.655663	24.52	31.40	0.78	chr12	N/A	8	377	58.08	48.82
ST3GAL2	32.38	41.48	0.78	chr16	16q22.1	54	1694	88.95	76.44
CYP3A5	70.15	89.87	0.78	chr7	7q21.1	80	1790	198.58	264.73
OTOP2	18.80	24.08	0.78	chr17	17q25.1	20	692	61.06	80.83
C8orf82	95.80	122.73	0.78	chr8	8q24	7	304	73.98	56.98
CCNB3	43.17	55.30	0.78	chrX	Xp11	39	535	271.25	142.39
Hs.710082	119.91	153.63	0.78	chr12	N/A	5	51	47.75	46.12
CEND1	67.10	85.98	0.78	chr11	11p15.5	36	544	108.53	91.08
Hs.602864	10.05	12.87	0.78	chr5	N/A	3	66	68.92	67.53
Hs.553176	6.89	8.83	0.78	chrX	N/A	10	73	76.85	106.75
Hs.343846	12.45	15.95	0.78	chr9	N/A	10	39	18.22	58.37
Hs.596219	10.88	13.94	0.78	chr6	N/A	10	332	121.04	62.33
Hs.733301	27.93	35.80	0.78	chr17	N/A	1	304	0.00	44.37
TM9SF1	86.47	110.84	0.78	chr14	14q11.2	45	1301	69.67	104.74
RGMA	65.28	83.67	0.78	chr15	15q26.1	37	800	133.01	141.26
ZNF814	16.48	21.14	0.78	chr19	19q13.43	46	1650	85.90	92.02
PRPS1	87.57	112.29	0.78	chrX	Xq22.3	47	1064	66.46	64.69
PHF19	46.35	59.43	0.78	chr9	9q33.2	42	1052	109.90	60.47
Hs.357565	9.50	12.18	0.78	chr6	N/A	2	22	21.75	109.43
Hs.666675	12.97	16.63	0.78	chr1	N/A	7	73	49.89	62.35
Hs.660646	20.19	25.89	0.78	chr6	N/A	1	304	0.00	62.45
Hs.709505	11.65	14.94	0.78	chr7	N/A	11	377	82.03	71.10
TP53BP1	60.95	78.18	0.78	chr15	15q15-q21	42	1287	89.99	101.64
NARS2	58.39	74.90	0.78	chr11	11q14.1	35	606	73.39	57.47
MCM6	62.07	79.62	0.78	chr2	2q21	45	1027	75.35	109.31
LOC51145	9.90	12.71	0.78	chr9	9q33.3	18	453	44.46	93.67
C9orf41	35.06	44.98	0.78	chr9	9q21.13	48	865	145.45	127.47
HPCAL1	121.37	155.71	0.78	chr2	2p25.1	75	1273	204.87	131.04
Hs.658153	5.62	7.21	0.78	chrX	N/A	7	73	30.65	93.39
Hs.662192	53.94	69.21	0.78	chr6	N/A	7	73	81.89	46.30
C20orf196	21.55	27.66	0.78	chr20	20p12.3	36	1449	102.08	80.30
GNPTG	122.99	157.82	0.78	chr16	16p13.3	26	469	62.55	61.94
MOSPD1	49.88	64.01	0.78	chrX	Xq26.3	36	909	92.62	69.52
CRIP3	25.23	32.38	0.78	chr6	6p21.1	13	393	72.74	110.39
HP	334.93	429.80	0.78	chr16	16q22.2	33	594	102.91	395.85
DGCR9	24.46	31.39	0.78	chr22	22q11.21	14	532	100.02	104.10
FAM179A	42.63	54.71	0.78	chr2	2p23.2	8	336	104.91	88.48
Hs.615893	3.71	4.76	0.78	chr11	N/A	1	304	0.00	71.15
CNOT10	52.13	66.91	0.78	chr3	3p22.3	29	503	76.73	98.10
NDST2	50.42	64.72	0.78	chr10	10q22	46	966	72.99	93.43
Hs.706512	58.29	74.82	0.78	chr7	N/A	7	73	97.77	70.99
Hs.741536	17.81	22.87	0.78	chr8	N/A	7	73	85.02	136.36
ZNF555	20.43	26.22	0.78	chr19	19p13.3	38	1516	78.20	77.86
DRG1	210.40	270.08	0.78	chr22	22q12.2	37	650	67.30	118.08
SH2D6	20.37	26.15	0.78	chr2	2p11.2	17	332	89.88	44.75
UTP6	60.71	77.94	0.78	chr17	17q11.2	22	769	55.37	89.08
LOC349196	17.04	21.88	0.78	chr8	8p23.1	20	56	46.84	62.77
MCHR1	15.26	19.59	0.78	chr22	22q13.2	30	1146	106.18	86.09
ARPP21	12.49	16.03	0.78	chr3	3p22.3	71	2277	320.83	260.18
SH3TC1	37.26	47.85	0.78	chr4	4p16.1	36	907	163.38	129.57
PP1E	47.53	61.03	0.78	chr1	1p32	61	1872	72.92	62.18
LOC100507646	9.16	11.76	0.78	chr19	19q13.2	2	16	33.49	18.74
Hs.587205	11.62	14.92	0.78	chr3	N/A	1	304	0.00	55.23
PSMC4	84.05	107.93	0.78	chr19	19q13.11-q13.	45	701	111.17	58.58
HEXIM2	65.00	83.47	0.78	chr17	17q21.31	22	462	45.58	741.04
Hs.741335	14.29	18.36	0.78	chr2	N/A	7	73	74.84	66.56
YLP1M1	74.88	96.16	0.78	chr14	14q24.3	91	2185	217.66	84.60
Hs.438365	12.33	15.83	0.78	chr15	N/A	10	73	62.01	68.46
PPM1D	29.02	37.27	0.78	chr17	17q23.2	38	953	77.03	71.59
Hs.136535	9.48	12.18	0.78	chr8	N/A	2	22	11.35	97.56
ISG15	100.69	129.32	0.78	chr1	1p36.33	48	717	95.34	108.54
LINC00853	8.33	10.69	0.78	chr1	N/A	11	377	37.57	77.75
ENTHD2	45.12	57.95	0.78	chr17	17q25.3	31	1422	66.12	76.92
Hs.674576	14.35	18.43	0.78	chr1	N/A	1	304	0.00	44.95
SPRYD3	104.63	134.39	0.78	chr12	12q13.13	26	457	74.49	65.10
HIF1AN	52.27	67.14	0.78	chr10	10q24	41	1330	124.01	73.10
GGPS1	64.33	82.63	0.78	chr1	1q43	47	1092	84.72	67.56
SDK1	21.28	27.33	0.78	chr7	7p22.2	74	1087	202.77	75.54
ATG10	23.40	30.06	0.78	chr5	5q14.1	61	1573	119.34	91.48

EXD2	47.38	60.86	0.78	chr14	14q24.1	44	1248	95.31	84.50
LOC284661	6.26	8.04	0.78	chr1	1p36.32	2	608	10.46	74.48
Hs.153652	20.27	26.04	0.78	chrX	N/A	15	702	64.08	70.49
Hs.636147	20.47	26.30	0.78	chrX	N/A	10	28	35.42	25.88
FAM81A	19.57	25.15	0.78	chr15	15q22.2	43	1119	89.90	76.92
IPPK	47.50	61.03	0.78	chr9	9q22.31	28	521	68.56	69.32
ZNF23	24.21	31.11	0.78	chr16	16q22.2	55	655	123.23	102.05
Hs.733473	11.27	14.48	0.78	chr12	N/A	7	73	44.98	75.67
Hs.604255	27.89	35.84	0.78	chr12	N/A	1	304	0.00	30.86
Hs.328801	10.13	13.02	0.78	chr8	N/A	5	608	33.44	59.48
Hs.653607	50.15	64.45	0.78	chr6	N/A	7	73	101.61	52.12
Hs.245869	24.62	31.64	0.78	chr3	N/A	14	332	104.93	56.76
Hs.640307	7.29	9.37	0.78	chr15	N/A	10	28	175.92	68.97
Hs.639381	2.59	3.33	0.78	chr3	N/A	1	304	0.00	50.33
Hs.665094	5.66	7.28	0.78	chr22	N/A	7	73	37.89	81.02
LONRF1	28.24	36.30	0.78	chr8	8p23.1	67	729	152.13	140.16
RNF187	78.16	100.47	0.78	chr1	1q42.13	49	1652	165.57	205.18
RYK	97.64	125.51	0.78	chr3	3q22	52	1529	126.28	112.30
LOC646484	11.96	15.37	0.78	chr4	4q31.1	7	304	70.69	103.99
OR1S2	22.29	28.65	0.78	chr11	11q12.1	16	28	48.86	86.38
PP14571	9.91	12.74	0.78	chr2	2q37.3	11	517	60.17	78.73
KHDRBS3	66.08	84.96	0.78	chr8	8q24.2	36	643	117.41	160.39
HS6ST2	17.33	22.28	0.78	chrX	Xq26.2	44	1095	144.09	148.71
CDH7	8.81	11.33	0.78	chr18	18q22.1	38	790	70.50	125.64
Hs.200262	10.92	14.04	0.78	chr2	N/A	10	28	32.94	40.71
DDX5	744.83	957.75	0.78	chr17	17q21	49	968	99.61	113.37
Hs.102896	13.41	17.24	0.78	chr4	N/A	10	73	57.69	106.12
Hs.132725	17.08	21.97	0.78	chr2	N/A	6	66	90.55	97.11
Hs.561909	5.99	7.71	0.78	chr9	N/A	6	326	68.10	79.47
Hs.731848	75.33	96.89	0.78	chr3	N/A	8	377	44.60	80.73
HARS	104.66	134.61	0.78	chr5	5q31.3	38	595	87.80	59.44
Hs.667725	13.15	16.93	0.78	chr11	N/A	16	754	62.38	87.06
ATP6V1E2	45.91	59.08	0.78	chr2	2p21	19	396	172.71	136.08
PNN	270.61	348.24	0.78	chr14	14q21.1	65	2204	199.41	140.57
Hs.661623	15.44	19.87	0.78	chr14	N/A	1	304	0.00	47.98
DNAJC14	48.05	61.84	0.78	chr12	12q13.2	36	512	117.98	176.54
Hs.665907	6.53	8.40	0.78	chr1	N/A	7	73	35.56	80.59
Hs.671761	19.17	24.68	0.78	chr10	N/A	10	28	32.01	65.68
Hs.634514	7.69	9.90	0.78	chr3	N/A	7	73	43.98	73.52
TBL3	37.56	48.35	0.78	chr16	16p13.3	28	548	82.24	70.74
Hs.170378	7.60	9.79	0.78	chr15	N/A	4	304	30.16	66.67
SPCS3	100.64	129.55	0.78	chr4	4q34.2	50	1043	111.41	177.56
P2RY11	28.25	36.37	0.78	chr19	19p13.2	70	1109	128.52	76.92
Hs.556035	11.50	14.81	0.78	chr7	N/A	18	405	56.99	81.20
LOC729307	7.82	10.06	0.78	chr4	4q28.3	4	304	43.55	65.43
Hs.646171	28.61	36.84	0.78	chr8	N/A	8	377	69.25	65.23
TCTEX1D2	61.36	79.00	0.78	chr3	3q29	20	358	92.63	66.92
HIST2H2AB	42.12	54.24	0.78	chr1	1q21	28	120	89.55	74.67
PAQR7	52.79	67.98	0.78	chr1	1p36.11	28	413	261.68	82.24
BFSP2	11.37	14.64	0.78	chr3	3q22.1	34	643	109.27	80.52
EMC2	116.28	149.75	0.78	chr8	8q23.1	47	673	141.05	76.57
Hs.138760	30.42	39.18	0.78	chr5	N/A	12	636	67.21	146.90
Hs.666985	7.14	9.20	0.78	chr2	N/A	2	22	6.87	53.84
PHIP	70.67	91.01	0.78	chr6	6q14	90	2275	250.19	119.95
MAMLD1	34.82	44.84	0.78	chrX	Xq28	37	650	77.93	80.21
RNF19A	89.29	115.01	0.78	chr8	8q22	52	943	165.32	119.04
Hs.555274	46.29	59.63	0.78	chr1	N/A	1	304	0.00	47.80
DCC	10.74	13.84	0.78	chr18	18q21.3	56	1349	73.07	323.02
SEC23IP	33.91	43.68	0.78	chr10	10q25-q26	60	1861	88.38	79.09
Hs.668187	7.95	10.24	0.78	chr4	N/A	7	73	31.00	67.98
PARVA	67.97	87.57	0.78	chr11	11p15.3	91	2677	91.47	84.61
LOC100505835	10.52	13.55	0.78	chr19	N/A	2	609	59.21	77.93
SHOC2	146.53	188.80	0.78	chr10	10q25	42	701	146.22	99.88
QRSL1	29.18	37.59	0.78	chr6	6q21	65	1633	85.47	69.87
NOXA	17.81	22.95	0.78	chr11	11q14.2-q21	51	1058	114.96	222.05
Hs.370999	12.95	16.69	0.78	chrX	N/A	4	304	77.57	58.70
PSG2	16.53	21.31	0.78	chr19	19q13.1-q13.2	46	613	78.22	75.74
UBFD1	75.61	97.44	0.78	chr16	16p12	58	1008	96.87	81.69
Hs.597134	13.72	17.69	0.78	chr1	N/A	7	73	76.16	72.29
ZNF860	153.22	197.47	0.78	chr3	3p23	7	73	177.24	108.10
Hs.675113	20.83	26.84	0.78	chr10	N/A	1	325	0.00	66.68
Hs.604202	11.49	14.81	0.78	chrX	N/A	7	73	91.91	122.65
Hs.652646	7.00	9.02	0.78	chr8	N/A	9	89	37.49	63.96
H2BFM	17.04	21.96	0.78	chrX	Xq22.2	13	429	124.93	99.86
CEP192	40.98	52.82	0.78	chr18	18p11.21	50	635	83.89	65.78
NCR3	19.81	25.53	0.78	chr6	6p21.3	50	1434	75.98	84.16
APOOL	48.88	63.01	0.78	chrX	Xq21.1	48	1782	141.19	77.95
RALB	112.07	144.47	0.78	chr2	2q14.2	66	1261	148.15	115.88
Hs.655114	65.86	84.91	0.78	chr1	N/A	1	304	0.00	47.35
GOLPH3L	82.05	105.78	0.78	chr1	1q21.3	37	561	372.53	66.00
Hs.733325	38.92	50.18	0.78	chr3	N/A	7	73	68.05	59.47
Hs.664710	25.22	32.52	0.78	chr7	N/A	1	304	0.00	55.39
MAP2K1	164.50	212.11	0.78	chr15	15q22.1-q22.3	32	616	74.78	62.39
Hs.602127	17.24	22.23	0.78	chr4	N/A	14	146	60.64	94.90
XAGE3	12.89	16.63	0.78	chrX	Xp11.22	30	408	125.76	57.34
IL36B	12.85	16.58	0.78	chr2	2q14	30	792	88.84	140.00
Hs.667437	6.60	8.51	0.78	chr7	N/A	3	66	76.87	65.15
HTR2C	8.76	11.30	0.78	chrX	Xq24	40	1028	104.65	135.43
Hs.577064	8.57	11.05	0.78	chr13	N/A	4	304	23.22	78.89
KRT37	15.72	20.28	0.78	chr17	17q12-q21	23	504	102.03	75.55
ATAD3A	58.94	76.02	0.78	chr1	1p36.33	22	758	58.41	46.85
Hs.731882	38.61	49.80	0.78	chr2	N/A	8	377	126.12	58.48
C12orf40	5.23	6.75	0.78	chr12	12q12	34	665	78.39	92.38

Hs.515372	7.30	9.41	0.78	chr19	N/A	7	73	44.93	93.13
SURF6	51.28	66.15	0.78	chr9	9q34.2	27	361	168.00	30.42
Hs.713055	73.42	94.71	0.78	chr13	N/A	7	73	81.49	65.76
Hs.512211	54.40	70.18	0.78	chr21	N/A	1	304	0.00	51.50
CSNK2B	298.53	385.15	0.78	chr6	6p21.3	44	656	98.83	79.59
IMPACT	35.61	45.94	0.78	chr18	18q11.2-q12.1	42	865	57.47	88.21
RNF2	20.15	26.00	0.78	chr1	1q25.3	50	740	95.92	109.64
CDKN2C	61.11	78.85	0.78	chr1	1p32	41	993	94.50	121.88
MRGPRX1	9.41	12.14	0.78	chr11	11	17	332	54.05	70.57
Hs.542157	8.16	10.53	0.78	chr2	N/A	2	39	24.32	27.73
Hs.674006	13.53	17.46	0.78	chr12	N/A	11	703	47.07	83.67
Hs.434529	10.89	14.05	0.78	chr9	N/A	2	608	48.15	71.69
RFESD	22.96	29.63	0.77	chr5	5q15	28	711	94.14	112.12
Hs.652624	7.94	10.24	0.77	chr9	N/A	7	73	58.41	72.94
NPR1	44.93	57.97	0.77	chr1	1q21-q22	38	1018	72.17	115.51
TRAF1	28.97	37.39	0.77	chr9	9q33-q34	53	1017	152.33	89.99
TEX37	88.03	113.60	0.77	chr2	2p11.2	18	406	253.72	200.53
Hs.96360	9.39	12.12	0.77	chr13	N/A	10	73	82.56	64.87
ACAD9	152.67	197.03	0.77	chr3	3q21.3	39	509	131.24	86.39
LOC642852	29.35	37.87	0.77	chr21	21q22.3	34	1939	70.75	74.29
CH13L2	63.76	82.29	0.77	chr1	1p13.3	48	763	151.50	227.61
HHIPL1	17.55	22.66	0.77	chr14	14q32	39	443	52.78	53.64
Hs.733955	17.69	22.83	0.77	chr3	N/A	7	73	94.26	60.35
Hs.663896	599.14	773.26	0.77	chr17	N/A	15	124	72.77	163.54
APBB2	40.79	52.64	0.77	chr4	4p13	98	3505	122.94	106.40
EGF	37.47	48.36	0.77	chr4	4q25	37	648	101.29	246.25
Hs.597053	28.55	36.85	0.77	chr5	N/A	7	73	68.75	70.86
SEMA5A	55.49	71.62	0.77	chr5	5p15.2	77	1564	117.50	82.22
CSNK1A1	138.36	178.58	0.77	chr5	5q32	144	4057	131.42	109.69
RAB35	58.77	75.86	0.77	chr12	12q24.31	57	1434	93.50	90.10
SIDT2	154.43	199.34	0.77	chr11	11q23.3	33	952	89.68	75.14
SIRPB1	18.69	24.12	0.77	chr20	20p13	36	1255	87.02	104.84
HSFX1	14.32	18.48	0.77	chrX	Xq28	31	533	62.92	77.73
NHEG1	25.24	32.58	0.77	chr6	6q23	1	304	0.00	57.98
KIR3DL3	16.13	20.82	0.77	chr19	19q13.42	26	489	119.36	85.71
Hs.435027	8.39	10.83	0.77	chr7	N/A	1	304	0.00	91.02
CYP3A43	22.63	29.21	0.77	chr7	7q21.1	49	1745	86.22	234.21
RNF144A-AS1	23.50	30.34	0.77	chr2	2p25.2	3	913	112.19	114.22
ROBO4	57.93	74.80	0.77	chr11	11q24.2	41	917	41.56	101.14
Hs.548153	10.06	12.99	0.77	chr8	N/A	7	73	90.07	78.14
Hs.565359	10.03	12.95	0.77	chr2	N/A	3	66	45.22	140.52
UBXN6	119.40	154.20	0.77	chr19	19p13	40	1162	78.48	99.87
MTG1	25.68	33.16	0.77	chr10	10q26.3	2	16	65.61	22.58
BEX4	130.06	167.96	0.77	chrX	Xq22.1-q22.3	36	527	140.42	89.55
Hs.658050	26.42	34.12	0.77	chr15	N/A	8	377	67.44	49.48
FLJ35024	27.97	36.12	0.77	chr9	9p24.2	35	560	68.57	92.25
MYOCD	80.75	104.30	0.77	chr17	17p11.2	23	492	203.67	148.34
ARMC1	97.91	126.48	0.77	chr8	8q13.1	50	1056	131.75	56.17
HOMEZ	20.31	26.24	0.77	chr14	14q11.2	43	569	84.36	192.45
Hs.648834	8.54	11.03	0.77	chr7	N/A	8	377	74.10	113.80
Hs.562978	53.01	68.49	0.77	chr2	N/A	1	304	0.00	37.37
MTCH2	123.52	159.59	0.77	chr11	11p11.2	53	1016	94.54	97.04
DBH-AS1	26.21	33.87	0.77	chr9	9q34.2	2	612	115.81	135.73
Hs.648813	25.12	32.46	0.77	chr3	N/A	7	73	115.57	105.89
TARBP1	90.29	116.67	0.77	chr1	1q42.3	35	627	210.02	99.45
LOC284395	25.37	32.80	0.77	chr19	19q12	1	304	0.00	108.78
ZIC5	14.48	18.72	0.77	chr13	13q32.3	31	429	64.72	78.04
Hs.520477	9.40	12.15	0.77	chr6	N/A	1	304	0.00	96.49
LOC285593	7.97	10.30	0.77	chr5	5q35.2	7	631	61.53	75.06
FOCAD	50.95	65.86	0.77	chr9	9p21	44	717	96.88	73.21
Hs.661986	10.19	13.18	0.77	chr14	N/A	1	304	0.00	64.54
PIGA	31.57	40.81	0.77	chrX	Xp22.1	54	617	176.58	122.99
ZNF530	18.38	23.77	0.77	chr19	19q13.43	35	487	122.02	60.83
Hs.469971	15.67	20.26	0.77	chr2	N/A	8	377	93.72	67.77
OR1D4	9.95	12.87	0.77	chr17	17p13.3	30	453	62.74	61.34
HLA-C	1,605.58	2,076.09	0.77	chr6	6p21.3	100	2054	73.01	75.29
Hs.538815	6.77	8.76	0.77	chr11	N/A	7	73	52.50	105.07
FLJ36000	8.69	11.23	0.77	chr17	17p11.2	27	136	65.61	89.79
Hs.597030	10.43	13.48	0.77	chr18	N/A	7	73	52.02	75.41
LCE3C	21.20	27.41	0.77	chr1	1q21.3	16	28	129.97	145.03
Hs.593318	93.25	120.59	0.77	chr9	N/A	8	377	118.52	102.79
Hs.23251	8.06	10.42	0.77	chr21	N/A	7	73	79.80	100.42
Hs.678735	9.11	11.79	0.77	chr15	N/A	1	304	0.00	60.52
Hs.67197	64.85	83.89	0.77	chr10	N/A	8	377	63.30	43.28
WDR91	33.84	43.77	0.77	chr7	7q33	47	1242	191.58	80.51
Hs.667791	24.62	31.85	0.77	chr11	N/A	7	73	43.77	52.21
CBS	65.04	84.14	0.77	chr21	21q22.3	52	1295	164.72	179.82
Hs.715159	29.29	37.89	0.77	chr22	N/A	7	73	51.14	56.78
GOSR2	39.15	50.65	0.77	chr17	17q21	122	3314	130.50	346.59
LINC00113	9.59	12.40	0.77	chr21	21q21.3	8	377	44.77	70.54
Hs.664532	18.21	23.56	0.77	chr6	N/A	7	73	69.12	55.27
Hs.127945	7.56	9.78	0.77	chr12	N/A	3	66	14.14	82.84
Hs.731460	48.92	63.31	0.77	chr3	N/A	12	493	47.99	35.17
SKIV2L2	71.20	92.14	0.77	chr5	5q11.2	30	1232	69.38	66.06
Hs.674387	3.19	4.13	0.77	chr4	N/A	2	608	1.77	76.49
Hs.602950	41.90	54.22	0.77	chr5	N/A	2	22	23.81	89.41
MKL2	51.98	67.27	0.77	chr16	16p13.12	62	1726	116.48	145.06
TAZ	51.92	67.19	0.77	chrX	Xq28	55	1131	96.49	82.64
LOC100505501	15.07	19.50	0.77	chr8	N/A	4	370	53.17	96.85
Hs.668906	29.43	38.09	0.77	chr9	N/A	1	304	0.00	35.92
SRDS A1	37.29	48.27	0.77	chr5	5p15	55	1504	154.94	181.47
Hs.569387	9.05	11.72	0.77	chr14	N/A	12	50	37.12	93.05
SPAG4	24.95	32.29	0.77	chr20	20q11.21	21	462	49.69	110.86

AJAP1	12.45	16.11	0.77	chr1	1p36.32	46	1405	91.51	80.46
Hs.373674	6.53	8.46	0.77	chr18	N/A	10	73	48.39	91.56
TRIM16	74.30	96.18	0.77	chr17	17p11.2	32	505	124.86	99.85
FEZF2	6.26	8.10	0.77	chr3	3p14.2	23	1062	58.92	88.33
FRMD1	24.96	32.31	0.77	chr6	6q27	21	460	80.61	99.65
Hs.61587	10.67	13.82	0.77	chr4	N/A	7	73	89.08	84.79
Hs.600711	23.03	29.81	0.77	chr21	N/A	3	66	8.58	49.92
TERT	18.75	24.28	0.77	chr5	5p15.33	57	1065	85.34	82.58
GOLGA1	58.06	75.17	0.77	chr9	9q33.3	52	1098	79.56	58.25
STAM	76.51	99.06	0.77	chr10	10p14-p13	44	723	80.45	79.62
PON2	147.86	191.45	0.77	chr7	7q21.3	46	1374	117.18	147.12
Hs.735507	16.22	21.00	0.77	chr2	N/A	1	304	0.00	63.42
GOLGA8F	13.49	17.47	0.77	chr15	15q13.1	5	16	52.10	16.85
MEOX2	21.58	27.95	0.77	chr7	7p22.1-p21.3	34	1045	95.11	205.31
KCNA7	13.44	17.41	0.77	chr19	19q13.3	29	413	120.93	177.04
Hs.10305	11.79	15.27	0.77	chr7	N/A	6	326	86.86	109.02
DDX23	88.13	114.16	0.77	chr12	12q13.12	42	1070	82.95	106.83
Hs.552949	12.40	16.06	0.77	chr15	N/A	12	636	31.22	59.12
Hs.597338	8.72	11.29	0.77	chr8	N/A	7	73	53.13	89.28
OSTF1	72.26	93.61	0.77	chr9	9q13-q21.2	44	723	101.66	86.36
Hs.158564	9.57	12.40	0.77	chr15	N/A	4	304	103.14	48.46
Hs.723389	8.26	10.70	0.77	chr4	N/A	2	16	1.39	27.27
ZFYVE27	76.11	98.60	0.77	chr10	10q24.2	36	535	116.42	87.71
Hs.696731	10.91	14.13	0.77	chr1	N/A	10	73	60.27	82.75
Hs.408455	19.52	25.29	0.77	chr6	N/A	34	839	124.45	102.53
MPHOSPH10	64.45	83.50	0.77	chr2	2p13.3	38	623	75.88	68.43
ZNF777	20.96	27.16	0.77	chr7	7q36.1	62	1650	76.82	110.47
PML	29.17	37.80	0.77	chr15	15q22	154	4438	128.01	101.38
ABCA9	32.82	42.53	0.77	chr17	17q24.2	43	1236	67.79	113.90
IFFO1	98.71	127.92	0.77	chr12	12p13.3	41	1023	71.27	56.07
PGGT1B	31.07	40.26	0.77	chr5	5q22.3	60	1607	150.49	114.69
Hs.541040	9.26	12.01	0.77	chr18	N/A	5	22	65.87	75.96
Hs.660350	12.31	15.96	0.77	chr15	N/A	7	73	66.40	90.15
Hs.600699	14.98	19.42	0.77	chr18	N/A	7	73	48.36	86.23
RPS29	1,996.10	2,587.58	0.77	chr14	14q	52	617	98.02	56.93
TMEM223	73.53	95.32	0.77	chr11	11q12.3	39	853	103.74	106.49
Hs.601169	21.90	28.39	0.77	chr17	N/A	7	73	94.58	82.53
ZNF431	19.77	25.63	0.77	chr19	19p12	26	65	92.12	105.91
FKBP1A	215.80	279.78	0.77	chr20	20p13	91	2011	289.83	141.31
Hs.571618	22.30	28.92	0.77	chr9	N/A	1	304	0.00	37.80
GGCX	35.29	45.76	0.77	chr2	2p12	68	1849	67.26	67.82
Hs.667968	25.36	32.89	0.77	chr19	N/A	7	73	101.49	112.35
Hs.255993	19.26	24.97	0.77	chr19	N/A	11	332	19.67	55.63
KCNG1	18.06	23.43	0.77	chr20	20q13	51	1014	69.94	115.21
GNB2L1	1,125.47	1,459.75	0.77	chr5	5q35.3	46	1148	132.21	127.78
PIGQ	37.03	48.04	0.77	chr16	16p13.3	44	918	100.22	71.93
ALYREF	59.92	77.73	0.77	chr17	17q25.3	36	728	81.84	66.87
SLA	85.10	110.40	0.77	chr8	8q24	53	1064	334.45	133.84
RPE65	5.10	6.62	0.77	chr1	1p31	23	492	56.72	81.23
Hs.159157	33.70	43.72	0.77	chr16	N/A	10	459	91.80	55.08
COPA	93.64	121.48	0.77	chr1	1q23.2	82	1916	162.21	148.67
PAX2	17.05	22.12	0.77	chr10	10q24	52	1143	121.20	108.32
ZP2	9.45	12.26	0.77	chr16	16p12	23	492	154.43	85.93
LOC113230	27.27	35.39	0.77	chr19	19p13.12	15	445	67.46	55.82
ITFG1	70.65	91.68	0.77	chr16	16q12.1	68	1506	149.84	99.20
PRTFDC1	33.41	43.35	0.77	chr10	10p12.1	33	570	124.89	100.59
CYP4V2	60.28	78.22	0.77	chr4	4q35.2	70	1248	126.59	118.35
Hs.660514	11.01	14.28	0.77	chr17	N/A	7	73	67.89	101.95
LEPROT	210.38	273.04	0.77	chr1	1p31.3	59	1502	104.31	75.11
HTRA2	64.82	84.14	0.77	chr2	2p12	30	929	44.77	52.82
ATOX1	143.52	186.29	0.77	chr5	5q32	33	589	91.55	82.79
AHDC1	32.63	42.35	0.77	chr1	1p36.13	58	1404	105.03	147.53
APOL4	20.74	26.92	0.77	chr22	22q11.2-q13.2	37	1025	84.27	77.68
Hs.657173	19.90	25.83	0.77	chr9	N/A	1	304	0.00	64.53
Hs.667494	7.49	9.73	0.77	chr17	N/A	8	377	44.98	54.03
Hs.667644	28.21	36.62	0.77	chr12	N/A	7	73	29.86	149.15
PEL12	49.93	64.83	0.77	chr14	14q21	28	535	77.68	87.89
ALOXE3	28.12	36.50	0.77	chr17	17p13.1	26	876	112.93	111.14
RPS6KA6	15.64	20.30	0.77	chrX	Xq21	52	1560	170.73	106.64
Hs.659284	5.93	7.70	0.77	chr1	N/A	14	398	50.88	177.84
YIPF6	81.28	105.53	0.77	chrX	Xq12	76	2091	108.50	96.25
NUP37	61.19	79.45	0.77	chr12	12q23.2	35	606	120.07	60.82
RPL14	689.44	895.21	0.77	chr3	3p22-p21.2	70	1557	85.41	101.10
ADAM8	24.72	32.10	0.77	chr10	10q26.3	35	997	67.64	112.18
NOP56	125.68	163.20	0.77	chr20	20p13	59	1033	105.40	90.71
Hs.127358	17.26	22.42	0.77	chr4	N/A	7	95	98.41	86.07
HIST1H4D	31.25	40.59	0.77	chr6	6p22.1	21	465	117.28	162.89
GEMIN2	35.39	45.96	0.77	chr14	14q13	55	1910	82.52	60.74
FDFT1	265.78	345.17	0.77	chr8	8p23.1-p22	53	1459	87.85	95.80
Hs.633108	11.53	14.97	0.77	chr5	N/A	10	28	43.05	109.11
CD47	142.54	185.11	0.77	chr3	3q13.1-q13.2	90	2814	185.57	105.34
EEF2	1,579.00	2,050.75	0.77	chr19	19p13.3	32	1002	79.84	58.08
Hs.740956	26.76	34.76	0.77	chr1	N/A	1	304	0.00	35.70
TRMT1	34.88	45.31	0.77	chr19	19p13.2	40	1412	77.33	101.21
Hs.554083	81.94	106.43	0.77	chr11	N/A	7	73	72.37	55.00
OR10G8	11.92	15.48	0.77	chr11	11q24.2	13	28	37.80	55.27
Hs.662422	11.15	14.49	0.77	chr1	N/A	7	73	83.45	85.24
KIF27	14.61	18.97	0.77	chr9	9q21.32	54	612	144.09	138.60
Hs.732743	34.73	45.12	0.77	chr14	N/A	8	377	58.66	75.86
IRF5	34.04	44.22	0.77	chr7	7q32	53	1407	157.89	88.55
Hs.541494	11.52	14.97	0.77	chr2	N/A	5	22	50.09	116.34
Hs.288945	9.41	12.22	0.77	chr2	N/A	14	146	90.36	87.75
Hs.333205	7.23	9.39	0.77	chr1	N/A	7	73	64.52	106.08

Hs.658640	4.57	5.93	0.77	chr6	N/A	1	304	0.00	92.08
LOC284648	10.52	13.66	0.77	chr1	1q25.3	21	405	121.74	74.49
NRL	12.19	15.84	0.77	chr14	14q11.1-q11.2	37	1024	89.21	84.30
PEG10	93.71	121.75	0.77	chr7	7q21	66	1285	559.45	276.43
RBM3	158.23	205.60	0.77	chrX	Xp11.2	41	997	111.87	129.80
NUS1	57.50	74.71	0.77	chr6	6q22.1	75	1401	107.46	98.22
Hs.507621	6.39	8.31	0.77	chr13	N/A	2	22	15.85	63.23
Hs.129800	17.38	22.58	0.77	chr8	N/A	3	320	74.83	63.60
ZNF484	14.36	18.67	0.77	chr9	9q22.31	20	465	94.76	62.52
GAS2	31.68	41.16	0.77	chr11	11p14.3	54	782	107.80	133.80
Hs.634435	24.42	31.73	0.77	chr13	N/A	7	73	50.44	62.39
TRAPP1	155.59	202.20	0.77	chr17	17p13.1	26	481	105.99	63.32
Hs.486451	7.65	9.94	0.77	chr6	N/A	5	22	45.83	69.55
DDX43	12.14	15.78	0.77	chr6	6q12-q13	28	537	163.78	204.54
TK1	36.60	47.58	0.77	chr17	17q23.2-q25.3	34	899	75.61	101.52
Hs.720542	57.04	74.15	0.77	chr11	N/A	8	12	7.54	12.74
Hs.362702	14.35	18.66	0.77	chr2	N/A	11	332	216.65	53.41
PPP1CC	321.89	418.53	0.77	chr12	12q24.1-q24.2	54	718	102.84	81.30
Hs.666453	11.66	15.16	0.77	chr22	N/A	2	22	17.46	64.53
Hs.705563	18.11	23.55	0.77	chr10	N/A	6	686	89.37	72.93
DENR	79.02	102.75	0.77	chr12	12q24.31	37	1768	95.00	98.86
PLXDC1	36.49	47.44	0.77	chr17	17q21.1	46	1317	59.28	78.88
TBXA2R	48.17	62.65	0.77	chr19	19p13.3	61	1870	74.84	87.14
Hs.436001	13.12	17.06	0.77	chr18	N/A	6	66	79.16	131.13
ARNTL	54.94	71.46	0.77	chr11	11p15	38	997	116.00	114.64
Hs.666065	13.72	17.85	0.77	chr20	N/A	14	146	101.85	204.50
Hs.127503	8.20	10.67	0.77	chr7	N/A	10	73	94.66	115.83
Hs.658277	27.00	35.12	0.77	chr21	N/A	7	73	82.36	54.18
ZCRB1	212.37	276.24	0.77	chr12	12q12	27	773	126.10	63.06
DPT	146.52	190.59	0.77	chr1	1q12-q23	61	1594	106.66	164.99
Hs.661271	4.66	6.06	0.77	chr7	N/A	10	28	17.61	30.89
TECPR2	41.25	53.66	0.77	chr14	14q32.31	61	1245	94.71	80.37
Hs.619896	7.00	9.11	0.77	chr4	N/A	1	304	0.00	71.68
SCLT1	14.11	18.36	0.77	chr4	4q28.2	51	1326	77.39	94.96
SSX5	13.28	17.28	0.77	chrX	Xp11.23	23	492	125.22	104.08
LRRC23	35.81	46.60	0.77	chr12	12p13	42	700	75.66	97.34
Hs.662003	11.36	14.79	0.77	chr1	N/A	1	304	0.00	52.67
NUP54	44.99	58.55	0.77	chr4	4q21.1	37	1262	80.93	126.23
PPPSD1	18.97	24.68	0.77	chr19	N/A	1	304	0.00	61.24
LOC100505771	18.33	23.86	0.77	chr20	N/A	13	28	74.56	67.40
LOC100129115	37.22	48.45	0.77	chr17	17q21.31	10	28	43.45	77.66
Hs.666232	8.71	11.34	0.77	chr15	N/A	6	355	47.94	83.76
PHKA1	33.70	43.87	0.77	chrX	Xq12-q13	68	1042	122.18	135.60
Hs.618061	34.34	44.70	0.77	chr1	N/A	10	28	25.32	63.12
EFEMP1	153.62	200.00	0.77	chr2	2p16	57	1447	132.63	181.70
Hs.670124	36.64	47.71	0.77	chr18	N/A	1	304	0.00	42.69
Hs.157621	17.84	23.23	0.77	chr2	N/A	4	304	40.60	52.51
ALDH6A1	138.47	180.31	0.77	chr14	14q24.3	55	1536	79.30	147.50
Hs.47189	15.77	20.54	0.77	chr11	N/A	3	326	111.61	52.38
Hs.186848	16.49	21.47	0.77	chr5	N/A	20	101	58.67	83.74
Hs.657886	18.79	24.48	0.77	chr5	N/A	7	73	46.14	102.68
PTGER2	19.87	25.88	0.77	chr14	14q22	30	569	90.42	99.27
SNX20	19.65	25.60	0.77	chr16	16q12.1	56	1218	136.22	148.15
Hs.659618	8.93	11.64	0.77	chr3	N/A	2	22	47.87	71.37
Hs.710144	64.24	83.69	0.77	chr11	N/A	4	370	59.67	45.04
TRIM17	13.74	17.90	0.77	chr1	1q42	24	455	94.65	83.56
CCDC134	15.55	20.25	0.77	chr22	22q13.2	31	479	42.45	63.94
Hs.2442	14.47	18.85	0.77	chr8	N/A	7	73	109.30	95.06
NROB2	38.24	49.82	0.77	chr1	1p36.1	32	611	88.47	129.03
COX6A1	484.66	631.47	0.77	chr12	12q24.2	45	1213	110.51	137.95
DTWD2	42.46	55.32	0.77	chr5	5q23.1	44	508	121.03	58.89
Hs.547175	14.11	18.39	0.77	chr9	N/A	4	304	47.68	47.95
Hs.666623	10.65	13.88	0.77	chr18	N/A	7	73	100.63	149.48
MAP4K5	54.14	70.55	0.77	chr14	14q11.2-q21	91	1697	195.98	110.46
CEACAM3	37.71	49.14	0.77	chr19	19q13.2	45	1411	126.15	91.82
C1orf112	13.69	17.84	0.77	chr1	1q24.2	21	460	63.21	119.09
FCGR1A	21.98	28.65	0.77	chr1	1q21.2-q21.3	25	974	111.64	115.75
GLRA4	7.16	9.33	0.77	chrX	Xq22.2	9	28	79.70	40.87
GTPBP1	33.15	43.20	0.77	chr22	22q13.1	79	2372	75.06	115.46
Hs.664158	7.47	9.74	0.77	chr6	N/A	7	73	39.79	78.51
Hs.732276	25.30	32.98	0.77	chr11	N/A	7	73	50.28	60.21
RGS9	22.14	28.86	0.77	chr17	17q24	33	596	274.35	145.49
RFX2	31.49	41.06	0.77	chr19	19p13.3	46	1031	83.80	185.85
ZBTB42	14.51	18.92	0.77	chr14	14q32.33	1	304	0.00	63.71
PRDM16	16.49	21.50	0.77	chr1	1p36.23-p33	54	861	134.87	112.56
Hs.586216	13.25	17.28	0.77	chr5	N/A	5	608	84.74	89.50
Hs.675532	63.22	82.43	0.77	chr21	N/A	1	304	0.00	51.75
PLCD3	34.11	44.48	0.77	chr17	17q21.31	19	393	105.16	89.80
UPK3A	15.94	20.78	0.77	chr22	22q13.31	28	545	83.94	124.36
Hs.194081	46.07	60.07	0.77	chr1	N/A	18	405	69.61	78.58
Hs.705873	280.30	365.55	0.77	chr7	N/A	32	1005	137.78	86.18
Hs.545500	6.88	8.97	0.77	chr8	N/A	10	73	49.55	95.73
TENM1	15.72	20.50	0.77	chrX	Xq25	32	830	70.56	173.32
GTF2H2C	96.54	125.91	0.77	chr5	5q13.2	31	212	138.53	79.36
USP22	73.93	96.42	0.77	chr17	17p11.2	74	1881	138.25	146.73
SORCS3	7.77	10.14	0.77	chr10	10q23-q25	26	491	108.37	114.59
Hs.596523	35.45	46.24	0.77	chr19	N/A	5	51	108.27	65.08
MCCD1	20.65	26.93	0.77	chr6	6p21.33	23	56	73.60	66.73
EMR2	12.76	16.64	0.77	chr19	19p13.1	23	841	90.00	109.64
Hs.407582	10.80	14.09	0.77	chr5	N/A	1	304	0.00	49.44
TSPAN7	208.51	272.00	0.77	chrX	Xp11.4	33	577	113.01	205.04
Hs.658297	13.79	17.99	0.77	chr1	N/A	7	73	48.94	76.40
FBL	290.24	378.66	0.77	chr19	19q13.1	42	639	72.89	68.27

Hs.10739	19.63	25.61	0.77	chr22	N/A	1	304	0.00	136.39
ITPRIPL2	50.64	66.07	0.77	chr16	16p12.3	80	2049	144.75	107.60
Hs.720495	9.92	12.95	0.77	chr14	N/A	1	304	0.00	63.57
TUBG2	51.75	67.52	0.77	chr17	17q21	28	538	80.39	62.56
NPCDR1	18.75	24.46	0.77	chr3	3p21.1	16	386	52.41	110.49
TBC1D15	79.57	103.83	0.77	chr12	12q21.1	50	1056	98.82	92.94
NEGR1	32.21	42.03	0.77	chr1	1p31.1	32	1372	143.66	127.40
PSG4	28.74	37.51	0.77	chr19	19q13.2	45	858	148.57	137.85
ABCC2	20.30	26.49	0.77	chr10	10q24	48	654	136.32	162.92
Hs.657915	9.52	12.42	0.77	chr11	N/A	7	459	49.03	79.07
MBOAT4	7.11	9.29	0.77	chr8	8p12	10	28	36.50	48.47
Hs.734454	23.62	30.83	0.77	chr22	N/A	1	304	0.00	44.17
LRIF1	40.45	52.79	0.77	chr1	1p13.3	31	533	86.78	76.39
C1QC	245.76	320.76	0.77	chr1	1p36.11	33	542	277.09	146.33
Hs.147878	8.87	11.58	0.77	chr4	N/A	12	636	86.28	80.89
Hs.644597	31.42	41.01	0.77	chr19	N/A	7	73	44.62	46.31
BACH1	34.07	44.48	0.77	chr21	21q22.11	63	1706	144.81	131.18
F8A1	125.89	164.31	0.77	chrX	Xq28	33	577	97.38	57.61
Hs.597269	17.50	22.84	0.77	chr16	N/A	14	146	78.35	64.66
Hs.569826	19.99	26.10	0.77	chr17	N/A	20	868	104.42	76.14
NACA	1,168.12	1,524.73	0.77	chr12	12q23-q24.1	78	1645	113.67	97.68
TRO	26.67	34.81	0.77	chrX	Xp11.22-p11.2	50	1869	122.94	142.88
Hs.659696	13.23	17.27	0.77	chr4	N/A	3	66	69.56	65.37
SNX27	84.42	110.20	0.77	chr1	1q21.3	63	1227	133.41	57.71
Hs.686866	3.91	5.10	0.77	chr6	N/A	1	304	0.00	44.87
TPM4	147.27	192.26	0.77	chr19	19p13.1	69	1408	268.31	122.53
BEND7	25.49	33.28	0.77	chr10	10p13	36	1078	128.51	100.61
CLTCL1	32.96	43.03	0.77	chr22	22q11.21	56	648	105.19	124.91
TPRX1	14.17	18.51	0.77	chr19	19q13.33	16	29	134.94	46.57
PDCDC6	71.57	93.46	0.77	chr5	5p15.33	76	1690	165.95	89.55
DAGLA	20.18	26.35	0.77	chr11	11q12.2	30	591	104.23	80.45
GRIK1	13.26	17.32	0.77	chr21	21q22.11	45	1063	97.74	73.76
SLC22A17	46.06	60.16	0.77	chr14	14q11.2	36	963	113.64	227.35
THSD7B	18.42	24.06	0.77	chr2	2q22.1	36	463	149.73	179.15
Hs.562383	11.53	15.06	0.77	chr11	N/A	2	22	45.32	56.88
FOLR4	5.91	7.72	0.77	chr11	11q21	2	16	39.31	29.88
IL2RA	22.34	29.17	0.77	chr10	10p15-p14	53	1073	134.17	203.17
TNFSF4	26.99	35.26	0.77	chr1	1q25	31	551	76.83	57.11
FLJ40453	8.39	10.96	0.77	chr5	5q35.1	16	28	75.35	91.47
Hs.119225	23.75	31.02	0.77	chr2	N/A	10	73	64.78	114.40
ZAN	33.16	43.32	0.77	chr7	7q22	29	1603	174.19	683.64
MAP3K8	17.85	23.32	0.77	chr10	10p11.23	25	543	100.45	112.01
Hs.95034	13.31	17.39	0.77	chr12	N/A	1	304	0.00	66.00
Hs.666909	7.08	9.25	0.77	chr6	N/A	10	139	56.37	106.60
Hs.603705	13.76	17.98	0.77	chr9	N/A	2	22	46.79	48.26
TAL1	25.12	32.82	0.77	chr1	1p32	51	1748	109.12	144.73
Hs.155488	9.87	12.89	0.77	chr15	N/A	2	22	65.87	57.55
GTF2F1	72.86	95.21	0.77	chr19	19p13.3	40	1429	75.44	60.77
Hs.569416	4.51	5.89	0.77	chr15	N/A	1	304	0.00	66.77
RPL30	1,563.60	2,043.45	0.77	chr8	8q22	41	909	93.00	91.23
CHD2	47.31	61.83	0.77	chr15	15q26	88	2095	121.24	139.31
ZMAT5	28.34	37.04	0.77	chr22	22cen-q12.3	34	533	87.79	72.66
PITX3	19.57	25.58	0.77	chr10	10q24.32	23	500	56.59	112.12
LOC728012	15.60	20.39	0.77	chr6	6q16.3	19	719	105.15	219.27
Hs.678310	65.72	85.92	0.76	chr14	N/A	7	73	79.86	67.08
CYP7B1	20.48	26.78	0.76	chr8	8q21.3	32	592	121.97	100.02
Hs.694188	14.60	19.09	0.76	chr10	N/A	1	304	0.00	65.47
Hs.732916	32.47	42.45	0.76	chr10	N/A	1	304	0.00	48.63
MRPL2	71.29	93.21	0.76	chr6	6p21.1	41	914	92.69	54.76
FGF5	10.02	13.10	0.76	chr4	4q21	63	1462	109.64	92.26
LILRA3	17.21	22.51	0.76	chr19	19q13.4	28	552	140.03	124.21
ASCC3	34.03	44.50	0.76	chr6	6q16	85	1205	130.81	88.55
Hs.532671	6.68	8.74	0.76	chr14	N/A	2	22	35.44	95.23
VIM	1,093.76	1,430.45	0.76	chr10	10p13	63	1128	71.69	137.84
OR1E1	14.76	19.30	0.76	chr17	17p13.3	23	492	77.19	73.71
PGM2L1	44.93	58.77	0.76	chr11	11q13.4	53	1852	276.88	93.29
CRHR1-IT1	19.70	25.77	0.76	chr17	17q21.31	35	1158	101.48	82.45
RIPPLY3	12.18	15.93	0.76	chr21	21q22.2	21	453	37.88	63.38
Hs.669653	46.04	60.22	0.76	chr8	N/A	2	608	96.27	73.93
HSPA14	42.04	54.99	0.76	chr10	10p13	46	943	95.82	69.64
ZBED5	71.27	93.23	0.76	chr11	11p15.3	65	1326	120.73	104.56
FAM19A4	14.99	19.60	0.76	chr3	3p14.1	32	461	96.69	190.74
STXBP5	25.73	33.66	0.76	chr6	6q24.3	53	1333	183.12	107.50
ZNF326	34.01	44.49	0.76	chr1	1p22.2	55	1261	99.39	93.17
C10orf40	7.41	9.70	0.76	chr10	10q21.2	8	377	29.61	173.09
LRCH3	40.24	52.65	0.76	chr3	3q29	93	2706	166.81	77.25
KCNQ5-IT1	8.05	10.54	0.76	chr6	N/A	7	73	60.80	87.91
Hs.70835	11.57	15.14	0.76	chr15	N/A	10	73	84.37	76.00
POLR1E	30.79	40.29	0.76	chr9	9p13.2	64	1405	132.82	79.77
C19orf81	13.26	17.35	0.76	chr19	19q13.33	1	304	0.00	40.25
ZNF771	16.76	21.94	0.76	chr16	16p11.2	54	2115	151.13	120.77
Hs.603995	8.95	11.71	0.76	chr4	N/A	3	66	50.84	69.61
ARMCX2	88.17	115.41	0.76	chrX	Xq21.33-q22.2	30	571	128.10	97.60
RUFY1	87.73	114.84	0.76	chr5	5q35.3	37	1445	61.32	98.93
Hs.303880	8.15	10.67	0.76	chr18	N/A	5	22	31.30	87.09
MYADML2	15.87	20.77	0.76	chr17	17q25.3	11	333	157.11	91.45
Hs.718769	9.68	12.68	0.76	chr11	N/A	7	73	44.69	70.09
ASB8	74.40	97.40	0.76	chr12	12q13.11	42	865	96.10	80.09
LOC100129434	30.85	40.39	0.76	chr2	2p16.1	13	28	41.41	82.82
BPGM	71.61	93.76	0.76	chr7	7q33	43	650	78.72	126.96
Hs.125533	18.13	23.74	0.76	chr5	N/A	10	73	97.44	108.99
FAH	72.00	94.29	0.76	chr15	15q25.1	37	648	97.71	138.52
Hs.667454	9.28	12.15	0.76	chr11	N/A	3	66	15.42	97.34

Hs.663025	13.47	17.64	0.76	chr19	N/A	7	73	63.83	61.45
ADNP	136.51	178.79	0.76	chr20	20q13.13	47	718	215.46	105.16
LINC00087	81.99	107.38	0.76	chrX	Xq26.3	18	405	70.96	134.88
Hs.6795	9.26	12.13	0.76	chrX	N/A	14	332	33.29	116.57
Hs.684106	6.27	8.21	0.76	chrX	N/A	1	304	0.00	65.12
Hs.602403	22.21	29.09	0.76	chr6	N/A	7	73	46.28	59.76
Hs.721158	11.04	14.46	0.76	chr9	N/A	2	22	29.09	79.17
Hs.632926	19.97	26.15	0.76	chr1	N/A	14	332	131.32	50.95
FAM169B	12.15	15.91	0.76	chr15	15q26.3	14	332	60.98	53.19
ZSCAN2	22.54	29.52	0.76	chr15	15q25.2	53	973	91.73	69.83
Hs.633957	34.47	45.16	0.76	chr7	N/A	11	377	155.08	44.75
CRISP1	9.49	12.43	0.76	chr6	6p21.3	38	986	78.62	103.20
CACNA1D	20.03	26.24	0.76	chr3	3p14.3	45	1412	111.53	95.38
ZMYM5	19.98	26.18	0.76	chr13	13q12	73	1754	109.00	82.84
Hs.563197	9.80	12.84	0.76	chr4	N/A	3	66	35.75	82.05
C10orf2	27.07	35.48	0.76	chr10	10q24	31	488	80.37	58.27
Hs.603431	8.48	11.11	0.76	chr10	N/A	7	73	61.09	86.46
TRMT44	24.33	31.88	0.76	chr4	4p16.1	65	1277	92.61	93.40
Hs.176109	5.39	7.06	0.76	chr15	N/A	8	377	31.06	123.39
SERTM1	29.63	38.84	0.76	chr13	13q13.3	14	334	77.90	136.26
CNTROB	36.44	47.76	0.76	chr17	17p13.1	37	1356	73.46	93.81
MAP3K1	106.10	139.07	0.76	chr5	5q11.2	54	1082	238.72	153.39
PKD1	48.04	62.96	0.76	chr16	16p13.3	46	1372	71.78	124.26
Hs.608652	9.01	11.81	0.76	chr5	N/A	10	28	29.77	52.88
HRSP12	71.78	94.09	0.76	chr8	8q22	34	880	62.11	220.39
COL15A1	183.34	240.31	0.76	chr9	9q21-q22	33	524	125.41	127.51
Hs.656822	163.17	213.90	0.76	chr5	N/A	7	73	74.75	95.33
LOC100130468	10.45	13.69	0.76	chr18	18p11.22	1	304	0.00	52.71
EMX2	43.71	57.31	0.76	chr10	10q26.1	31	542	194.90	206.17
Hs.603590	9.07	11.89	0.76	chr7	N/A	3	66	29.91	78.35
Hs.52264	13.62	17.85	0.76	chr6	N/A	10	73	58.16	101.99
FREM1	25.34	33.23	0.76	chr9	9p22.3	39	893	195.31	185.18
Hs.703398	12.35	16.19	0.76	chr1	N/A	1	304	0.00	44.87
Hs.656216	57.77	75.76	0.76	chr10	N/A	1	304	0.00	35.89
PLA1A	29.61	38.83	0.76	chr3	3q13.13-q13.2	38	565	94.88	107.61
PLXNA3	30.12	39.50	0.76	chrX	Xq28	32	1173	86.74	73.76
Hs.540832	8.91	11.69	0.76	chr17	N/A	10	73	106.99	118.54
Hs.526497	5.96	7.82	0.76	chr16	N/A	3	326	18.34	99.35
Hs.734541	31.58	41.42	0.76	chr15	N/A	1	304	0.00	46.71
CHRNA7	20.79	27.27	0.76	chr15	15q14	23	492	67.66	73.68
IQCK	35.70	46.83	0.76	chr16	16p12.3	52	1888	109.40	114.72
ATP7B	43.52	57.08	0.76	chr13	13q14.3	33	577	70.32	63.41
Hs.151207	5.44	7.14	0.76	chr8	N/A	2	22	17.55	79.29
SGSH	77.21	101.28	0.76	chr17	17q25.3	35	1027	85.63	93.89
Hs.262789	12.58	16.50	0.76	chr17	N/A	10	73	98.46	67.15
Hs.733087	17.81	23.37	0.76	chr15	N/A	7	73	95.43	108.16
Hs.635225	37.21	48.82	0.76	chr6	N/A	2	22	12.51	49.81
Hs.520804	24.39	32.00	0.76	chr7	N/A	11	1301	123.38	67.10
HIST1H4K	22.15	29.07	0.76	chr6	6p22.1	23	504	76.58	94.65
GTF2E2	74.22	97.41	0.76	chr8	8p12	30	577	115.38	51.78
Hs.672010	19.01	24.94	0.76	chr12	N/A	1	304	0.00	41.00
Hs.599801	62.21	81.65	0.76	chr11	N/A	7	73	103.10	83.49
Hs.656922	16.48	21.63	0.76	chr3	N/A	1	304	0.00	94.06
ZNF22	73.70	96.74	0.76	chr10	10q11	55	1097	113.89	71.45
Hs.617749	16.59	21.77	0.76	chr2	N/A	1	304	0.00	50.77
CTDNBP1	154.73	203.10	0.76	chr17	17p13	22	580	87.54	69.20
SLC22A18	73.88	96.99	0.76	chr11	11p15.5	43	604	79.74	102.14
FLJ10489	18.40	24.16	0.76	chr8	8q22.3	2	608	84.50	51.91
Hs.157818	35.71	46.88	0.76	chr3	N/A	3	320	88.31	45.31
ATP8B2	85.22	111.90	0.76	chr1	1q21.3	58	1076	189.76	112.13
LOC100996521	10.93	14.35	0.76	chr1	N/A	5	22	29.50	54.81
Hs.98754	7.51	9.87	0.76	chr5	N/A	6	66	41.38	93.42
TMEM8B	44.14	57.97	0.76	chr9	9p13.3	46	950	85.09	65.88
Hs.732645	15.16	19.92	0.76	chr3	N/A	18	405	71.44	136.64
SLC17A8	36.31	47.69	0.76	chr12	12q23.1	29	412	346.23	284.08
ARFGAP2	95.63	125.61	0.76	chr11	11p11.2-p11.1	24	808	89.77	84.70
KCNH7	27.98	36.75	0.76	chr2	2q24.2	40	795	162.53	125.41
Hs.636825	13.08	17.18	0.76	chr16	N/A	4	305	59.72	51.67
IP6K1	62.30	81.84	0.76	chr3	3p21.31	36	572	99.18	55.50
TFRC	112.77	148.15	0.76	chr3	3q29	82	2389	106.90	189.99
FGF17	14.73	19.35	0.76	chr8	8p21	21	454	193.02	63.40
LOC100505817	5.58	7.33	0.76	chr18	N/A	1	304	0.00	57.45
NEIL1	38.57	50.68	0.76	chr15	15q24.2	29	849	69.22	69.92
CDK11A	40.56	53.29	0.76	chr1	1p36.33	53	1861	109.61	70.10
RPS6KB1	48.66	63.94	0.76	chr17	17q23.1	90	1628	113.98	98.23
CAPN10	27.01	35.50	0.76	chr2	2q37.3	68	1011	115.99	122.38
POLR3D	35.36	46.47	0.76	chr8	8q21	37	601	59.57	74.97
ZFAND6	169.87	223.25	0.76	chr15	15q25.1	30	820	69.21	75.26
AKR7A3	80.98	106.43	0.76	chr1	1p36.13	31	921	85.33	117.95
Hs.633409	14.16	18.61	0.76	chr16	N/A	7	73	126.54	108.18
Hs.572132	16.02	21.05	0.76	chr11	N/A	3	66	69.40	167.00
Hs.593377	1,866.25	2,453.20	0.76	chr2	N/A	7	73	30.71	68.14
BTIF3	556.98	732.23	0.76	chr5	5q13.2	92	2471	157.16	113.43
CIRBP	276.75	363.84	0.76	chr19	19p13.3	66	1971	124.78	101.13
ABHD13	16.80	22.09	0.76	chr13	13q33.3	57	897	125.14	179.06
GGTLC2	22.39	29.43	0.76	chr22	22q11.22	43	566	56.81	98.72
Hs.733845	14.35	18.87	0.76	chr6	N/A	7	73	57.00	101.01
RTEL1	27.67	36.39	0.76	chr20	20q13.3	56	1864	125.47	91.28
KCND1	15.53	20.42	0.76	chrX	Xp11.23	37	646	194.04	115.27
Hs.658868	15.04	19.78	0.76	chr15	N/A	23	1215	120.29	94.61
Hs.603505	8.78	11.55	0.76	chr12	N/A	1	304	0.00	69.71
Hs.580335	10.69	14.06	0.76	chr2	N/A	6	66	32.06	68.30
KIAA1586	17.90	23.54	0.76	chr6	6p12.1	43	570	128.38	86.35

RASL10A	33.39	43.92	0.76	chr22	22q12.2	33	569	82.82	95.06
LILRB2	27.03	35.56	0.76	chr19	19q13.4	48	1058	101.77	169.70
DPPA5	19.53	25.69	0.76	chr6	6q13	16	384	166.62	189.17
MYEOV2	190.74	250.90	0.76	chr2	2q37.3	40	756	132.83	124.71
Hs.602596	9.55	12.56	0.76	chr14	N/A	7	73	75.98	90.85
Hs.357798	8.84	11.62	0.76	chr16	N/A	2	22	16.75	100.42
B3GALT4	55.76	73.35	0.76	chr6	6p21.3	38	574	60.53	68.85
LMNB1	41.60	54.73	0.76	chr5	5q23.2	30	565	160.60	151.04
RBCK1	84.03	110.55	0.76	chr20	20p13	45	1085	69.85	52.95
IFT172	84.45	111.11	0.76	chr2	2p23.3	24	414	80.44	68.79
PITPNA	103.27	135.87	0.76	chr17	17p13.3	91	1745	124.05	102.04
Hs.682511	24.66	32.45	0.76	chr1	N/A	1	304	0.00	74.31
ESR1	41.01	53.96	0.76	chr6	6q25.1	128	4397	327.78	370.20
IKBK	88.76	116.79	0.76	chrX	Xq28	35	992	92.29	75.05
PCYT1A	55.15	72.57	0.76	chr3	3q29	56	1345	123.54	94.59
ZNF804B	10.75	14.15	0.76	chr7	7q21.13	31	453	160.17	148.81
COG6	31.59	41.57	0.76	chr13	13q14.11	58	1006	104.85	110.69
Hs.732968	124.48	163.82	0.76	chrX	N/A	7	73	109.21	62.04
HCG18	34.91	45.94	0.76	chr6	6p21.3	95	2496	112.58	83.11
Hs.662536	7.32	9.63	0.76	chr3	N/A	18	405	33.28	97.81
FUT8	61.78	81.32	0.76	chr14	14q24.3	48	1027	117.84	105.90
RAD23B	121.02	159.29	0.76	chr9	9q31.2	81	1890	149.00	102.81
Hs.667730	14.75	19.41	0.76	chr8	N/A	1	304	0.00	110.45
Hs.622444	35.93	47.30	0.76	chr3	N/A	9	28	43.25	46.29
Hs.602710	11.77	15.49	0.76	chr19	N/A	10	139	61.78	115.86
Hs.554217	10.31	13.58	0.76	chr20	N/A	11	377	94.13	69.87
Hs.434285	12.43	16.36	0.76	chrX	N/A	7	73	90.07	89.21
PLCXD2	13.76	18.12	0.76	chr3	3q13.2	11	384	128.07	85.55
C19orf54	49.80	65.57	0.76	chr19	19q13.2	20	552	80.10	52.57
Hs.737941	122.10	160.78	0.76	chr19	N/A	1	304	0.00	42.45
Hs.643743	246.14	324.12	0.76	chr13	N/A	5	51	31.84	76.55
KIF4A	20.76	27.33	0.76	chrX	Xq13.1	26	508	103.72	110.15
Hs.656794	13.89	18.30	0.76	chr19	N/A	7	73	61.37	66.92
Hs.635180	6.73	8.87	0.76	chr6	N/A	2	22	4.90	53.50
B4GALNT4	13.13	17.29	0.76	chr11	11p15.5	29	786	76.83	168.21
JKAMP	93.31	122.88	0.76	chr14	14q23.1	29	789	70.17	70.54
Hs.633503	10.21	13.44	0.76	chr18	N/A	7	73	67.62	134.14
LOC158435	6.93	9.13	0.76	chr9	9q22.32	13	94	39.00	120.83
Hs.658919	24.44	32.19	0.76	chr3	N/A	19	709	99.43	89.53
NAT14	37.39	49.26	0.76	chr19	19q13.42	26	469	75.63	85.84
Hs.149354	8.09	10.66	0.76	chr14	N/A	10	73	50.18	77.26
FAM211B	31.37	41.32	0.76	chr22	22q11.23	24	816	105.73	110.35
RUNDC3A	48.31	63.64	0.76	chr17	17q21.31	42	1062	153.98	134.86
LINC00340	20.11	26.50	0.76	chr6	6p22.3	42	1165	178.16	117.07
Hs.58617	190.83	251.40	0.76	chr2	N/A	7	73	68.37	55.21
FLJ39739	7.90	10.41	0.76	chr1	1q21.1	14	608	61.78	65.22
DDX3X	143.31	188.83	0.76	chrX	Xp11.3-p11.23	94	2737	194.36	150.40
LOC100128139	6.03	7.94	0.76	chr19	19p12	3	320	29.38	181.60
PQLC3	60.46	79.66	0.76	chr2	2p25.1	39	934	85.22	92.07
Hs.662740	10.47	13.79	0.76	chr18	N/A	7	73	63.17	96.54
DCAF10	50.57	66.63	0.76	chr9	9p13.2	72	1687	133.37	176.74
BRF1	21.49	28.32	0.76	chr14	14q	81	1923	83.46	99.21
Hs.600852	8.73	11.50	0.76	chr10	N/A	7	73	80.71	259.30
Hs.657150	11.40	15.03	0.76	chr6	N/A	7	73	34.31	74.24
Hs.608775	4.98	6.56	0.76	chr14	N/A	12	637	72.24	66.17
Hs.143713	10.62	14.00	0.76	chr19	N/A	7	73	56.53	81.09
Hs.663257	64.11	84.52	0.76	chr6	N/A	7	73	65.17	47.64
Hs.385535	26.80	35.33	0.76	chr17	N/A	1	304	0.00	37.14
PRAF2	84.54	111.46	0.76	chrX	Xp11.23	30	572	84.21	80.03
CANX	376.23	496.09	0.76	chr5	5q35	83	1979	124.49	111.50
Hs.667605	10.31	13.60	0.76	chr13	N/A	3	66	52.35	102.94
Hs.702684	307.97	406.14	0.76	chr20	N/A	5	420	59.76	118.46
Hs.658462	10.09	13.31	0.76	chr8	N/A	7	73	98.20	124.87
WARS2	21.73	28.66	0.76	chr1	1p12	59	1368	79.94	83.31
MRRF	63.10	83.22	0.76	chr9	9q33.2	52	570	116.54	90.39
TAF6	93.22	122.96	0.76	chr7	7q22.1	30	577	71.16	52.75
PBXIP1	120.56	159.01	0.76	chr1	1q21.3	47	1853	126.11	121.59
RRBP1	75.83	100.02	0.76	chr20	20p12	106	3331	246.07	145.48
SLAMF1	22.12	29.18	0.76	chr1	1q23.3	41	904	138.97	134.59
ZNF280C	22.25	29.34	0.76	chrX	Xq26.1	29	458	99.26	87.78
ZNF2	83.17	109.70	0.76	chr2	2q11.2	44	487	171.68	221.59
Hs.434930	14.13	18.64	0.76	chr2	N/A	2	22	54.71	71.02
Hs.421737	29.96	39.52	0.76	chr6	N/A	7	73	96.58	83.50
Hs.706901	75.19	99.19	0.76	chr17	N/A	7	73	48.31	108.60
Hs.662397	9.32	12.29	0.76	chr1	N/A	7	73	37.13	71.06
Hs.159293	12.85	16.96	0.76	chr1	N/A	7	73	72.70	63.94
Hs.602799	8.94	11.80	0.76	chr17	N/A	7	73	66.48	80.38
Hs.616890	14.92	19.68	0.76	chr7	N/A	1	304	0.00	66.64
MYO7A	22.33	29.47	0.76	chr11	11q13.5	59	1937	109.61	111.26
FBXO4	23.82	31.43	0.76	chr5	5p12	53	1242	86.62	127.33
C14orf64	21.91	28.91	0.76	chr14	14q32.2	3	915	48.25	67.31
Hs.632919	16.18	21.36	0.76	chr1	N/A	7	73	93.09	79.33
Hs.677212	54.81	72.32	0.76	chr2	N/A	1	304	0.00	41.32
ZBTB10	29.69	39.17	0.76	chr8	8q13-q21.1	100	2586	138.36	120.38
Hs.709764	103.34	136.36	0.76	chr1	N/A	1	304	0.00	55.90
CPAMD8	54.85	72.38	0.76	chr19	19p13.11	17	337	57.68	74.68
TRIM31	13.18	17.40	0.76	chr6	6p21.3	55	1530	99.75	218.32
CAMK4	17.41	22.98	0.76	chr5	5q21.3	52	1096	278.43	110.45
PANK2	38.76	51.16	0.76	chr20	20p13	80	1987	104.53	128.78
ADCK5	22.03	29.08	0.76	chr8	8q24.3	24	417	64.34	68.06
SCAND1	114.69	151.42	0.76	chr20	20q11.1-q11.2	53	1247	145.62	176.73
ADAMTSL4	46.49	61.38	0.76	chr1	1q21.3	74	1096	100.46	103.14
Hs.634829	3.92	5.18	0.76	chr8	N/A	10	28	38.19	31.57

IFITM5	224.75	296.74	0.76	chr11	11p15.5	20	101	92.06	126.95
Hs.128837	10.04	13.26	0.76	chr8	N/A	6	66	100.36	142.90
ZFAND2B	57.35	75.73	0.76	chr2	2q35	50	640	75.50	68.88
Hs.444221	9.04	11.93	0.76	chr16	N/A	3	66	34.74	56.69
EFHD1	118.56	156.58	0.76	chr2	2q37.1	41	644	151.57	124.98
Hs.317713	10.19	13.46	0.76	chr12	N/A	8	377	55.63	302.96
ASNSD1	113.12	149.41	0.76	chr2	2p24.3-q21.3	28	533	62.95	52.93
GRID2	12.84	16.96	0.76	chr4	4q22	45	627	83.95	69.70
RAB33A	27.62	36.48	0.76	chrX	Xq26.1	32	610	57.41	114.27
ZNF594	18.56	24.51	0.76	chr17	17p13	28	869	92.59	84.46
TCEANC2	25.86	34.16	0.76	chr1	1p32.3	30	727	159.75	155.63
KLHL17	26.90	35.54	0.76	chr1	1p36.33	40	802	128.99	133.62
Hs.601148	7.85	10.38	0.76	chr4	N/A	7	73	36.88	81.43
Hs.709596	32.17	42.50	0.76	chr8	N/A	3	66	88.71	146.00
BTG2	188.37	248.91	0.76	chr1	1q32	35	997	96.22	155.22
RCN3	32.96	43.55	0.76	chr19	19q13.33	26	888	95.40	74.66
ARAP1	71.01	93.84	0.76	chr11	11q13.4	52	1389	113.30	70.44
Hs.733357	12.45	16.45	0.76	chr9	N/A	3	66	75.87	107.36
IL22RA1	50.16	66.29	0.76	chr1	1p36.11	38	562	189.49	128.14
SMTNL2	30.63	40.48	0.76	chr17	17p13.2	30	561	78.33	320.42
C8orf4	60.29	79.68	0.76	chr8	8p11.2	33	539	64.32	149.23
Hs.667619	44.31	58.56	0.76	chr16	N/A	1	304	0.00	39.35
Hs.731992	25.08	33.15	0.76	chr5	N/A	14	146	76.56	137.40
Hs.659157	25.50	33.70	0.76	chr13	N/A	7	73	80.47	56.65
MAN1A2	45.33	59.91	0.76	chr1	1p13	128	3173	178.03	137.39
RPS19BP1	151.31	199.98	0.76	chr22	22q13.1	19	396	59.82	51.66
EID2	66.08	87.35	0.76	chr19	19q13.2	24	417	44.25	39.57
Hs.668337	7.58	10.01	0.76	chr5	N/A	7	73	16.57	54.87
Hs.77873	48.96	64.72	0.76	chr15	N/A	7	73	39.24	61.86
TRPC5	6.26	8.28	0.76	chrX	Xq23	28	526	81.00	85.52
TUBD1	28.41	37.56	0.76	chr17	17q23.1	34	1260	119.93	74.34
Hs.635315	7.32	9.68	0.76	chr2	N/A	7	73	38.76	104.20
DDX56	73.78	97.57	0.76	chr7	7p13	49	943	113.57	114.29
Hs.636430	3.21	4.25	0.76	chr7	N/A	10	28	36.68	32.11
VPS13D	55.49	73.39	0.76	chr1	1p36.22	80	2001	152.91	73.70
Hs.604541	7.02	9.28	0.76	chr12	N/A	2	22	44.81	88.98
Hs.127927	7.59	10.04	0.76	chr5	N/A	10	73	46.45	92.74
Hs.656969	13.96	18.47	0.76	chr4	N/A	7	73	129.22	110.15
RAD21-AS1	8.29	10.96	0.76	chr8	8q24.11	1	307	0.00	59.66
Hs.308463	17.35	22.95	0.76	chr1	N/A	6	66	84.02	159.54
C5orf47	9.54	12.62	0.76	chr5	5q35.2	24	686	71.21	153.96
SLC22A5	39.31	52.00	0.76	chr5	5q23.3	45	1016	122.96	95.25
Hs.132433	10.22	13.52	0.76	chr11	N/A	7	73	66.38	94.29
FAT4	38.99	51.59	0.76	chr4	4q28.1	43	840	139.97	86.13
TUBGCP6	23.18	30.66	0.76	chr22	22q13.31-q13.3	33	773	90.88	61.25
PPP3CB	123.16	162.94	0.76	chr10	10q22.2	56	1233	152.48	124.63
LRRC4B	17.38	23.00	0.76	chr19	19q13.33	24	417	118.08	178.14
OR2L2	8.41	11.12	0.76	chr1	1q44	9	912	81.34	66.74
MAPK3	92.02	121.75	0.76	chr16	16p11.2	51	704	140.88	78.13
RNASEH1	63.99	84.67	0.76	chr2	2p25	44	1307	84.72	54.58
Hs.543212	6.14	8.13	0.76	chr3	N/A	10	73	43.77	97.33
Hs.24907	29.94	39.62	0.76	chr15	N/A	7	73	97.60	86.93
KBTBD7	30.20	39.96	0.76	chr13	13q14.11	34	490	136.96	67.12
IL4I1	16.87	22.33	0.76	chr19	19q13.3-q13.4	31	825	110.63	167.49
C15orf39	43.61	57.72	0.76	chr15	15q24.2	47	1480	91.55	77.71
VAR52	74.08	98.06	0.76	chr6	6p21.33	36	497	100.77	69.35
Hs.385614	8.54	11.31	0.76	chr7	N/A	1	304	0.00	65.06
Hs.655867	10.62	14.06	0.76	chr17	N/A	7	73	101.04	71.98
Hs.131210	5.32	7.04	0.76	chr8	N/A	7	73	37.85	85.24
CXorf30	11.05	14.63	0.76	chrX	Xp21.1	18	450	79.91	138.21
C12orf43	36.07	47.76	0.76	chr12	12q	27	526	86.91	45.41
Hs.657012	20.28	26.85	0.76	chr10	N/A	18	405	71.87	102.53
TRAPPC6A	63.18	83.65	0.76	chr19	19q13.32	34	660	52.68	54.40
GPR171	17.50	23.17	0.76	chr3	3q25.1	23	500	77.90	121.89
FAM154B	6.47	8.57	0.76	chr15	15q25.2	17	333	109.51	202.55
GPN1	90.13	119.35	0.76	chr2	2p23.3	30	572	91.61	53.70
NROB1	14.80	19.60	0.76	chrX	Xp21.3	35	985	91.12	134.89
Hs.634943	18.46	24.45	0.76	chr17	N/A	7	73	58.84	67.34
Hs.661819	9.50	12.58	0.76	chr1	N/A	1	304	0.00	82.64
Hs.545089	20.89	27.66	0.76	chr7	N/A	2	22	64.22	76.77
THBS3	52.80	69.93	0.76	chr1	1q21	35	624	74.13	87.24
PICK1	47.75	63.23	0.76	chr22	22q13.1	31	555	94.90	68.30
LOC574538	6.65	8.80	0.76	chr12	12p13.33	2	608	28.18	69.40
PP2D1	13.45	17.81	0.76	chr3	3p24.3	19	384	58.31	161.83
Hs.666403	11.22	14.86	0.76	chr17	N/A	3	66	28.44	65.01
CD80	25.46	33.73	0.75	chr3	3q13.3-q21	42	1202	152.51	99.68
HLX	36.71	48.63	0.75	chr1	1q41	33	575	99.82	96.89
KIAA1191	189.40	250.89	0.75	chr5	5q35.2	46	570	96.10	79.28
BTBD16	22.77	30.17	0.75	chr10	10q26.13	30	563	90.14	147.39
SPNS3	20.96	27.76	0.75	chr17	17p13.2	16	390	72.35	93.38
TOMM70A	116.26	154.01	0.75	chr3	3q12.2	49	1138	153.23	82.67
ITCH	32.91	43.60	0.75	chr20	20q11.22	81	2643	93.60	86.05
LOC729870	14.57	19.30	0.75	chr4	4q31.3	1	304	0.00	56.04
Hs.659620	6.26	8.29	0.75	chr1	N/A	7	73	71.11	88.43
ANKRA2	75.99	100.67	0.75	chr5	5q12-q13	57	667	128.19	69.63
Hs.709863	299.70	397.09	0.75	chr12	N/A	7	73	43.23	101.14
Hs.635091	5.52	7.31	0.75	chr5	N/A	2	22	7.71	62.92
LINC00629	11.64	15.42	0.75	chrX	N/A	1	304	0.00	45.11
Hs.668023	5.52	7.31	0.75	chr13	N/A	2	22	3.09	53.74
Hs.268689	8.75	11.60	0.75	chr10	N/A	10	28	17.11	60.44
FOXP3	15.10	20.01	0.75	chrX	Xp11.23	27	1180	76.97	79.22
SNX32	14.41	19.09	0.75	chr11	11q13.1	16	407	120.66	81.30
BUB1	11.24	14.90	0.75	chr2	2q14	50	2245	124.95	146.14

Hs.145993	9.65	12.79	0.75	chr4	N/A	10	73	60.59	90.94
Hs.122206	11.81	15.65	0.75	chr2	N/A	2	22	21.43	59.15
Hs.85445	7.24	9.60	0.75	chr7	N/A	8	377	80.63	128.93
CASC2	11.33	15.02	0.75	chr10	10q26.11	51	1678	106.35	684.94
Hs.263478	16.03	21.24	0.75	chr6	N/A	5	22	37.94	51.77
FAM181A	58.92	78.11	0.75	chr14	14q32.12	21	416	141.59	136.09
Hs.595704	15.69	20.81	0.75	chr4	N/A	1	304	0.00	52.41
Hs.655681	18.87	25.02	0.75	chr10	N/A	14	532	103.60	136.69
KCTD4	18.34	24.33	0.75	chr13	13q14.12	36	854	208.65	137.78
NXPH1	15.84	21.01	0.75	chr7	7p22	22	454	137.28	179.39
PIGW	18.63	24.71	0.75	chr17	17q12	34	435	75.48	71.38
EPHA1-AS1	12.29	16.30	0.75	chr7	7q35	2	620	72.57	72.91
Hs.670428	15.72	20.85	0.75	chr8	N/A	7	73	47.13	71.51
C1QTNF2	20.66	27.41	0.75	chr5	5q33.3	36	489	44.96	89.73
LOC100128180	7.31	9.69	0.75	chr4	4q24	2	16	24.61	33.71
Hs.665959	10.41	13.81	0.75	chr4	N/A	14	146	78.64	82.14
FLAD1	40.86	54.20	0.75	chr1	1q21.3	63	1110	117.75	49.56
EMP2	150.99	200.28	0.75	chr16	16p13.2	60	1618	85.37	161.75
TAF9	101.37	134.46	0.75	chr5	5q11.2-q13.1	58	1070	90.72	95.45
MIPOL1	8.44	11.19	0.75	chr14	14q13.3	21	1297	59.50	91.61
Hs.572830	2.25	2.99	0.75	chr20	N/A	1	304	0.00	76.92
SKIDA1	13.44	17.84	0.75	chr10	10p12.31	18	994	82.97	123.16
Hs.658819	10.21	13.55	0.75	chr1	N/A	8	377	70.16	87.02
RPA2	171.57	227.64	0.75	chr1	1p35	40	630	71.28	248.88
ARHGDI A	106.49	141.29	0.75	chr17	17q25.3	79	1969	153.66	103.69
Hs.53687	10.45	13.87	0.75	chr6	N/A	10	73	83.13	78.15
Hs.572687	11.32	15.02	0.75	chr2	N/A	7	73	127.97	101.46
LINC00648	4.91	6.51	0.75	chr14	N/A	1	306	0.00	75.87
OXSM	59.07	78.39	0.75	chr3	3p24.2	28	527	61.73	42.95
Hs.660803	45.95	60.99	0.75	chr10	N/A	7	73	50.46	79.15
Hs.663762	30.68	40.72	0.75	chr3	N/A	1	304	0.00	54.82
Hs.203762	10.25	13.60	0.75	chr17	N/A	14	146	69.65	65.69
Hs.667268	13.45	17.85	0.75	chr8	N/A	7	73	57.57	58.75
ADAMTS10	43.04	57.13	0.75	chr19	19p13.2	22	743	250.08	108.35
Hs.543617	13.10	17.38	0.75	chr4	N/A	10	73	72.98	62.36
POLR2C	114.43	151.89	0.75	chr16	16q13-q21	38	1395	59.86	60.67
SERPINE1	43.72	58.04	0.75	chr7	7q22.1	64	1494	105.81	347.40
Hs.715088	57.67	76.56	0.75	chr22	N/A	14	146	73.02	52.82
WRAP73	33.30	44.22	0.75	chr1	1p36.3	37	1218	113.85	90.54
Hs.732760	64.61	85.79	0.75	chr19	N/A	1	304	0.00	218.40
Hs.593547	5.26	6.98	0.75	chr7	N/A	1	304	0.00	68.37
CSNK2A2	95.58	126.93	0.75	chr16	16q21	47	678	93.97	185.65
SRRD	45.61	60.58	0.75	chr22	22q12.1	37	593	47.84	54.53
KIAA1456	18.31	24.31	0.75	chr8	8p22	79	1672	76.69	237.80
Hs.658291	8.93	11.86	0.75	chr13	N/A	9	95	72.33	75.53
Hs.133020	16.21	21.54	0.75	chr7	N/A	15	450	91.68	106.47
PPM1J	120.50	160.10	0.75	chr1	1p13.2	31	882	174.14	97.61
Hs.555072	12.34	16.40	0.75	chr4	N/A	4	304	58.16	53.20
ATP8A1	58.29	77.45	0.75	chr4	4p13	61	1570	244.99	210.51
Hs.732235	17.96	23.87	0.75	chr4	N/A	7	73	125.83	68.17
PIR	53.69	71.34	0.75	chrX	Xp22.2	33	577	60.11	79.42
MAGEA4	11.89	15.80	0.75	chrX	Xq28	33	565	80.76	153.40
DLX2	20.87	27.73	0.75	chr2	2q32	56	1082	148.49	108.32
EMC10	126.30	167.85	0.75	chr19	19q13.33	27	417	76.06	61.52
Hs.734907	9.39	12.48	0.75	chr5	N/A	1	304	0.00	92.15
CC2D1A	23.79	31.62	0.75	chr19	19p13.12	62	1547	111.94	92.31
Hs.438937	38.82	51.60	0.75	chr9	N/A	4	304	33.70	49.91
CSF1R	124.93	166.09	0.75	chr5	5q32	42	683	79.99	72.16
IL36G	21.91	29.13	0.75	chr2	2q12-q21	21	453	85.60	134.93
Hs.656820	37.58	49.96	0.75	chr3	N/A	1	304	0.00	45.25
LOC100506289	9.47	12.59	0.75	chr7	N/A	8	51	50.88	102.69
Hs.664485	30.05	39.95	0.75	chr9	N/A	7	73	22.64	75.58
Hs.666442	23.22	30.87	0.75	chr3	N/A	14	146	134.94	54.14
Hs.700844	41.21	54.80	0.75	chr17	N/A	7	73	71.87	72.93
SLC30A10	11.56	15.37	0.75	chr1	1q41	28	524	103.11	124.14
CLINT1	88.73	118.00	0.75	chr5	5q33.3	49	1390	105.93	90.76
Hs.638393	9.60	12.77	0.75	chr13	N/A	1	304	0.00	57.13
Hs.598183	19.61	26.08	0.75	chr22	N/A	14	532	90.20	71.52
PIM3	213.94	284.59	0.75	chr22	22q13	27	446	102.49	79.84
TEX9	9.85	13.11	0.75	chr15	15q21.3	20	1299	64.61	114.19
ENTPD4	65.12	86.64	0.75	chr8	8p21.3	58	1453	169.85	109.36
TMED3	130.07	173.04	0.75	chr15	15q24-q25	35	628	97.11	121.93
Hs.666228	8.92	11.87	0.75	chr1	N/A	15	450	65.83	103.30
AP3M2	49.11	65.33	0.75	chr8	8p11.2	44	920	77.87	67.63
Hs.707593	16.90	22.49	0.75	chr6	N/A	10	28	32.74	21.31
ATL2	28.91	38.47	0.75	chr2	2p22.3	36	853	103.53	118.49
Hs.124584	8.61	11.46	0.75	chr18	N/A	21	405	44.66	145.83
THAP3	23.55	31.33	0.75	chr1	1p36.31	50	1221	99.28	101.32
ABT1	63.28	84.20	0.75	chr6	6p22.2	28	538	139.59	55.90
Hs.542281	16.67	22.18	0.75	chr20	N/A	5	22	73.32	113.18
SGOL1	26.90	35.80	0.75	chr3	3p24.3	48	767	130.07	126.07
LINC00282	12.19	16.23	0.75	chr13	13q14.3	14	342	76.94	54.85
MAP7D3	34.76	46.26	0.75	chrX	Xq26.3	58	1383	72.45	70.64
COLEC11	49.42	65.77	0.75	chr2	2p25.3	44	561	74.28	150.79
Hs.597061	23.94	31.86	0.75	chr6	N/A	7	73	97.52	362.70
C17orf51	19.26	25.64	0.75	chr17	17p11.2	54	1434	87.50	89.73
CCT4	247.10	328.88	0.75	chr2	2p15	58	1067	110.04	102.85
GLRX2	88.39	117.66	0.75	chr1	1q31.2	34	533	66.17	84.08
Hs.127864	16.90	22.50	0.75	chr12	N/A	1	304	0.00	49.16
Hs.648905	14.34	19.09	0.75	chr3	N/A	1	304	0.00	43.43
SLC12A3	22.75	30.29	0.75	chr16	16q13	49	1637	147.12	204.29
OR3A2	10.17	13.54	0.75	chr17	17p13.3	21	456	37.38	47.14
PLK1S1	52.51	69.93	0.75	chr20	20p11.23	51	1872	99.56	112.49

TNN	18.66	24.84	0.75	chr1	1q23-q24	25	544	188.27	70.69
TJP1	143.03	190.48	0.75	chr15	15q13	74	1289	142.59	135.05
Hs.597074	54.77	72.95	0.75	chr6	N/A	2	22	34.80	56.38
CTBP1	161.17	214.65	0.75	chr4	4p16	98	2345	129.09	93.41
Hs.269909	237.53	316.34	0.75	chr14	N/A	7	73	150.01	105.17
HS6ST1	41.02	54.63	0.75	chr2	2q21	55	1432	131.17	137.13
Hs.248294	13.36	17.80	0.75	chr6	N/A	3	66	31.24	62.70
CCS	61.21	81.53	0.75	chr11	11q13	34	555	45.73	64.04
Hs.655701	12.34	16.43	0.75	chr1	N/A	7	73	124.63	71.28
ZC2HC1C	26.69	35.56	0.75	chr14	14q24.3	44	564	99.98	287.86
SNX14	77.49	103.24	0.75	chr6	6q14.3	38	781	89.86	111.80
MSRB1	127.03	169.25	0.75	chr16	16p13.3	38	566	116.58	130.29
ZFYVE28	22.55	30.05	0.75	chr4	4p16.3	29	980	47.46	66.20
Hs.595500	100.98	134.53	0.75	chr10	N/A	12	498	106.58	59.74
Hs.337803	6.60	8.80	0.75	chr3	N/A	10	73	68.65	93.00
RBM14	57.88	77.12	0.75	chr11	11q13.2	71	1496	148.40	98.83
WDR20	24.37	32.48	0.75	chr14	14q32.31	68	1267	108.81	77.08
RPP14	70.34	93.73	0.75	chr3	3p14.3	59	1110	84.09	61.86
Hs.673118	8.83	11.77	0.75	chr4	N/A	11	320	47.53	60.00
Hs.388622	57.51	76.65	0.75	chr12	N/A	7	73	39.42	50.94
MGC16275	28.59	38.11	0.75	chr17	17q25.1	12	640	42.53	53.35
SLC35F3	17.44	23.25	0.75	chr1	1q42.2	37	839	125.40	154.86
TFDP3	10.43	13.90	0.75	chrX	Xq26.2	23	475	122.63	91.13
Hs.130901	9.02	12.03	0.75	chr7	N/A	17	146	66.67	93.95
C10orf10	133.61	178.10	0.75	chr10	10q11.21	59	1171	142.94	145.23
TBC1D19	24.56	32.73	0.75	chr4	4p15.2	26	507	84.46	95.68
Hs.667789	10.85	14.46	0.75	chrX	N/A	7	73	85.60	159.08
LDLRAD1	9.11	12.14	0.75	chr1	1p32.3	13	28	143.56	64.21
Hs.126634	11.05	14.73	0.75	chr6	N/A	7	73	119.38	111.05
LOC100506004	7.03	9.37	0.75	chr14	N/A	8	51	48.58	72.23
Hs.684594	25.01	33.34	0.75	chr21	N/A	11	332	81.64	40.31
HERPUD1	429.05	572.00	0.75	chr16	16q13	40	645	85.17	89.39
Hs.734370	8.42	11.22	0.75	chr1	N/A	2	22	26.33	56.64
SYNGAP1	32.12	42.82	0.75	chr6	6p21.3	22	750	153.62	139.21
FBXO28	49.01	65.34	0.75	chr1	1q42.11	62	2133	113.31	74.35
Hs.675754	22.52	30.03	0.75	chr16	N/A	3	912	118.93	127.03
CHEK1	14.48	19.30	0.75	chr11	11q24.2	58	1447	75.19	92.72
PIK3CB	45.96	61.29	0.75	chr3	3q22.3	44	1106	103.40	81.99
Hs.99250	10.73	14.31	0.75	chr2	N/A	3	66	61.71	97.94
PDCL	34.32	45.76	0.75	chr9	9q12-q13	51	1120	86.51	64.53
CD300LF	24.94	33.26	0.75	chr17	17q25.1	30	383	174.76	116.86
Hs.209995	7.02	9.36	0.75	chr9	N/A	7	73	39.43	84.67
Hs.132291	8.16	10.89	0.75	chr15	N/A	2	22	3.36	78.60
Hs.274352	51.56	68.77	0.75	chrX	N/A	7	73	48.74	142.84
Hs.688757	22.92	30.57	0.75	chr21	N/A	7	73	154.68	147.10
RUSC1	124.64	166.23	0.75	chr1	1q21-q22	30	577	100.60	53.79
HIST1H4A	11.23	14.97	0.75	chr6	6p22.1	27	572	91.40	78.60
Hs.732314	13.00	17.34	0.75	chr3	N/A	13	28	147.91	54.53
CCL23	13.53	18.05	0.75	chr17	17q12	61	1208	154.03	111.19
Hs.604085	8.55	11.41	0.75	chr4	N/A	7	73	53.50	88.57
UBE2D3	245.89	328.10	0.75	chr4	4q24	83	2019	116.26	70.12
Hs.707825	41.87	55.87	0.75	chr21	N/A	5	51	60.10	37.48
Hs.594642	38.77	51.73	0.75	chr5	N/A	5	51	57.85	67.33
Hs.634480	8.33	11.11	0.75	chr9	N/A	7	73	54.16	207.82
ERVH-3	28.59	38.15	0.75	chr6	6q12	20	64	90.49	123.16
SELE	42.89	57.23	0.75	chr1	1q22-q25	41	587	139.23	168.31
Hs.130562	8.12	10.83	0.75	chr17	N/A	10	73	43.08	68.57
ZNF624	15.18	20.26	0.75	chr17	17p11.2	29	457	123.79	104.88
SENP8	14.66	19.56	0.75	chr15	15q23	27	764	65.84	107.98
CA13	28.66	38.25	0.75	chr8	8q21.2	42	815	154.37	94.52
PISD	87.49	116.78	0.75	chr22	22q12.2	44	711	197.75	153.51
PHF3	56.83	75.86	0.75	chr6	6q12	67	2398	131.58	123.31
Hs.633041	32.80	43.79	0.75	chr1	N/A	10	28	37.18	43.28
RGL3	22.38	29.87	0.75	chr19	19p13.2	18	992	44.22	123.72
KIN	18.92	25.25	0.75	chr10	10p15-p14	56	1359	75.37	83.61
Hs.712810	256.33	342.18	0.75	chr11	N/A	8	377	75.53	67.97
Hs.476706	121.94	162.79	0.75	chr1	N/A	1	304	0.00	36.40
GPR68	27.34	36.50	0.75	chr14	14q31	48	971	108.14	99.90
PRR5	64.43	86.03	0.75	chr22	22q13	90	1558	247.31	229.53
PSME1	399.91	533.96	0.75	chr14	14q11.2	43	593	91.19	65.27
Hs.231535	8.42	11.25	0.75	chr7	N/A	7	73	61.59	74.46
PAEP	14.59	19.49	0.75	chr9	9q34	35	604	125.51	380.59
RPAP1	58.05	77.51	0.75	chr15	15q15.1	28	533	54.38	61.75
RIMKLB	74.32	99.24	0.75	chr12	12p13.31	52	1251	126.15	112.73
ITGB7	40.51	54.09	0.75	chr12	12q13.13	30	568	105.33	100.15
ABCA13	8.21	10.96	0.75	chr7	7p12.3	37	1234	88.78	174.25
TCP11L1	26.77	35.75	0.75	chr11	11p13	56	1449	207.21	128.20
NUP98	58.20	77.72	0.75	chr11	11p15.5	83	1641	108.19	107.87
Hs.599570	6.00	8.01	0.75	chr7	N/A	5	51	69.03	88.83
C17orf99	8.95	11.95	0.75	chr17	17q25.3	21	405	119.00	176.93
Hs.602211	10.19	13.61	0.75	chr5	N/A	7	73	58.13	78.32
CROCC	25.12	33.55	0.75	chr1	1p36.13	43	1369	87.84	76.42
Hs.604183	6.85	9.14	0.75	chr5	N/A	2	22	43.69	70.03
CNOT4	26.15	34.93	0.75	chr7	7q22-qter	107	2560	149.70	79.65
RAB20	53.82	71.89	0.75	chr13	13q34	36	910	104.17	106.05
Hs.147449	7.59	10.14	0.75	chr8	N/A	2	22	26.29	59.85
Hs.662252	16.58	22.15	0.75	chr4	N/A	7	73	26.83	59.27
ZNF808	17.32	23.15	0.75	chr19	19q13.41	14	332	45.62	49.78
PQBP1	55.76	74.51	0.75	chrX	Xp11.23	48	1439	64.74	74.02
Hs.633049	31.92	42.66	0.75	chr10	N/A	10	28	39.44	33.63
Hs.659746	18.34	24.51	0.75	chr7	N/A	8	377	42.07	77.69
LOC100509780	9.39	12.55	0.75	chr5	N/A	10	28	35.78	35.87
Hs.550129	13.81	18.45	0.75	chr8	N/A	4	304	45.96	77.96

LOC728533	119.19	159.29	0.75	chr19	19q13.12	2	16	34.21	22.11
Hs.600961	59.54	79.58	0.75	chr12	N/A	7	73	93.24	51.14
C9orf37	51.56	68.92	0.75	chr9	9q34.3	45	622	261.15	132.98
NFKBIE	38.36	51.28	0.75	chr6	6p21.1	30	577	70.68	60.40
SLC48A1	68.33	91.35	0.75	chr12	12q13.11	41	1331	68.91	96.88
Hs.634193	7.35	9.83	0.75	chr1	N/A	7	73	93.84	107.11
Hs.735527	10.45	13.97	0.75	chr4	N/A	1	304	0.00	76.88
Hs.663655	22.15	29.62	0.75	chr9	N/A	7	73	39.58	54.17
PGD	96.45	128.97	0.75	chr1	1p36.22	32	1185	112.68	175.20
DCK	52.69	70.46	0.75	chr4	4q13.3-q21.1	50	677	126.82	142.28
Hs.119848	11.19	14.96	0.75	chr8	N/A	10	73	103.62	64.78
Hs.600837	14.36	19.20	0.75	chr3	N/A	11	332	37.56	76.60
GPBP1	159.21	212.91	0.75	chr5	5q11.2	63	1072	304.62	114.70
LOC338799	63.41	84.80	0.75	chr12	12q24.31	37	1143	193.62	118.48
Hs.741895	59.49	79.56	0.75	chr11	N/A	7	459	124.02	49.23
HERC4	27.63	36.95	0.75	chr10	10q21.3	91	2726	111.30	132.08
STX4	71.71	95.90	0.75	chr16	16p11.2	51	937	105.51	67.50
Hs.539017	6.78	9.07	0.75	chr11	N/A	2	22	33.33	54.68
Hs.549918	8.07	10.79	0.75	chr18	N/A	7	73	99.81	100.95
Hs.659379	28.61	38.27	0.75	chr17	N/A	8	377	67.72	63.78
LONRF2	45.85	61.33	0.75	chr2	2q11.2	41	891	96.12	131.55
ZBTB24	22.63	30.27	0.75	chr6	6q21	40	1186	79.41	89.07
Hs.434873	15.45	20.66	0.75	chr9	N/A	2	22	52.51	41.73
Hs.22495	2.61	3.50	0.75	chr8	N/A	1	304	0.00	63.36
FBXO10	20.75	27.76	0.75	chr9	9p13.2	43	1590	95.14	113.32
NEU2	8.25	11.04	0.75	chr2	2q37	21	458	55.87	66.75
LIPG	39.69	53.09	0.75	chr18	18q21.1	43	611	163.23	245.18
ISLR	102.47	137.08	0.75	chr15	15q23-q24	37	879	90.78	259.11
Hs.712929	10.26	13.73	0.75	chr3	N/A	7	73	56.09	81.47
GPR35	40.24	53.83	0.75	chr2	2q37.3	30	577	152.44	77.57
CCDC102B	12.57	16.82	0.75	chr18	18q22.1	38	557	138.96	129.81
Hs.34558	22.87	30.60	0.75	chr19	N/A	11	377	104.62	84.13
RIT2	11.50	15.38	0.75	chr18	18q12.3	38	583	78.77	124.41
MYRF	28.83	38.58	0.75	chr11	11q12-q13.1	43	1429	115.70	236.64
Hs.554828	17.28	23.13	0.75	chr15	N/A	7	73	96.39	66.56
E2F1	26.47	35.43	0.75	chr20	20q11.2	62	1247	82.73	73.21
MC1R	33.17	44.39	0.75	chr16	16q24.3	33	529	138.83	70.19
Hs.563159	9.94	13.31	0.75	chr3	N/A	2	22	45.18	82.49
PYROXD1	57.41	76.83	0.75	chr12	12p12.1	70	1458	152.28	102.09
Hs.666627	10.45	13.99	0.75	chr13	N/A	14	146	71.98	79.19
EMID1	41.71	55.83	0.75	chr22	22q12.2	45	996	192.66	90.97
SH3BP2	32.64	43.69	0.75	chr4	4p16.3	65	2336	89.19	77.38
Hs.561029	7.81	10.46	0.75	chr21	N/A	17	146	55.70	79.37
Hs.680538	26.94	36.07	0.75	chr5	N/A	10	28	32.46	45.77
MED14	29.47	39.45	0.75	chrX	Xp11.4	86	2420	141.70	105.33
FUT1	34.96	46.81	0.75	chr19	19q13.3	33	577	120.45	60.93
ATAD2	21.31	28.53	0.75	chr8	8q24.13	157	1858	87.38	132.86
SERF2	564.17	755.29	0.75	chr15	15q15.3	77	1330	124.21	96.58
Hs.658728	11.20	15.00	0.75	chr14	N/A	8	377	65.19	88.76
LPAR6	97.82	130.98	0.75	chr13	13q14	43	988	79.33	113.00
PDSS1	26.02	34.84	0.75	chr10	10p12.1	32	837	84.12	71.60
PFAH1B3	37.83	50.65	0.75	chr19	19q13.1	30	577	115.67	73.02
FBXW2	46.60	62.41	0.75	chr9	9q34	69	2174	100.07	104.76
KLF3	72.35	96.90	0.75	chr4	4p14	45	1591	268.42	116.90
Hs.104792	15.81	21.18	0.75	chr15	N/A	10	73	109.50	114.16
UBE2Q1	105.46	141.26	0.75	chr1	1q21.3	39	870	130.28	96.12
Hs.407903	21.10	28.26	0.75	chr12	N/A	3	66	145.01	84.66
Hs.667688	9.95	13.32	0.75	chr1	N/A	2	22	54.69	71.87
Hs.451409	7.77	10.41	0.75	chr17	N/A	17	101	37.05	74.13
Hs.644962	55.40	74.23	0.75	chr15	N/A	10	28	21.72	67.87
Hs.89394	22.86	30.64	0.75	chr3	N/A	5	51	67.24	172.08
METTL2B	27.61	36.99	0.75	chr7	7q32.1	57	605	120.69	236.49
LOC100505664	11.30	15.14	0.75	chr20	N/A	4	304	90.82	91.54
Hs.130183	6.49	8.70	0.75	chr12	N/A	12	124	96.79	96.77
Hs.639918	4.92	6.59	0.75	chr3	N/A	10	985	46.51	123.21
Hs.733912	7.97	10.68	0.75	chrX	N/A	2	22	12.69	65.24
C5orf54	23.89	32.02	0.75	chr5	5q33.3	40	612	105.67	71.50
Hs.450953	11.34	15.19	0.75	chr13	N/A	10	73	63.86	83.41
GLS	68.48	91.79	0.75	chr2	2q32-q34	129	3816	145.17	189.98
Hs.658301	12.92	17.32	0.75	chr10	N/A	7	73	147.01	61.47
TCP11L2	18.26	24.47	0.75	chr12	12q23.3	36	2007	64.27	92.47
Hs.292063	20.26	27.15	0.75	chr12	N/A	3	326	44.62	109.98
Hs.673577	16.75	22.46	0.75	chr1	N/A	2	608	107.26	116.91
Hs.660255	10.13	13.58	0.75	chr3	N/A	7	73	54.27	70.63
ZNF414	35.52	47.62	0.75	chr19	19p13.2	44	871	142.30	162.55
FLJ41757	17.42	23.35	0.75	chr2	2p21	1	304	0.00	44.28
OR8K3	9.99	13.39	0.75	chr11	11q12.1	13	28	46.05	89.44
LOC284998	11.72	15.71	0.75	chr2	2q12.1	21	405	136.54	84.25
ATP9A	93.64	125.55	0.75	chr20	20q13.2	58	1048	217.26	121.32
PAOX	37.12	49.77	0.75	chr10	10q26.3	73	2184	87.68	103.12
Hs.591126	19.34	25.94	0.75	chr15	N/A	8	377	109.02	66.13
DPP10	14.56	19.53	0.75	chr2	2q14.1	48	616	286.06	142.35
PRPS1L1	18.73	25.12	0.75	chr7	7p21.1	28	539	59.70	192.82
Hs.600492	18.20	24.41	0.75	chr12	N/A	7	73	67.78	61.58
Hs.572057	8.49	11.39	0.75	chr11	N/A	5	608	46.02	62.62
Hs.444463	16.72	22.43	0.75	chr7	N/A	3	66	42.28	62.36
Hs.125444	9.09	12.19	0.75	chr4	N/A	10	73	65.37	97.44
OPRM1	11.96	16.04	0.75	chr6	6q24-q25	62	1438	109.88	214.79
DHDH	16.35	21.94	0.75	chr19	19q13.3	29	458	121.05	86.71
KRTAP1-5	73.66	98.83	0.75	chr17	17q12-q21	19	384	256.71	202.73
C4orf27	69.90	93.79	0.75	chr4	4q33	39	865	63.75	90.14
Hs.133438	7.08	9.50	0.75	chr15	N/A	10	73	53.34	97.26
SRPR	185.62	249.13	0.75	chr11	11q24.2	45	1013	119.93	140.76

HUS1	26.81	35.98	0.75	chr7	7p13-p12	41	1394	148.83	105.20
Hs.666211	35.49	47.64	0.75	chr11	N/A	1	304	0.00	52.12
SCAMP5	47.36	63.57	0.74	chr15	15q24.2	36	1228	113.01	129.58
Hs.603844	8.68	11.66	0.74	chr9	N/A	7	73	73.17	136.20
HNRNP-U-AS1	118.96	159.68	0.74	chr1	1q44	8	377	60.12	63.96
NUDT13	19.24	25.83	0.74	chr10	10q22.1	52	1092	59.96	68.18
Hs.145566	6.66	8.95	0.74	chr12	N/A	7	73	69.89	166.45
Hs.666059	8.28	11.12	0.74	chr18	N/A	7	73	44.87	229.28
TMED2	284.65	382.22	0.74	chr12	12q24.31	57	1523	181.94	135.48
Hs.710527	4.88	6.56	0.74	chr11	N/A	10	28	48.36	87.03
ABCE1	59.37	79.74	0.74	chr4	4q31	58	1098	114.64	61.62
LOC100507283	11.61	15.60	0.74	chr11	N/A	2	608	96.85	81.17
LUZP1	56.75	76.22	0.74	chr1	1p36	60	2111	173.45	161.58
BTN2A2	32.93	44.23	0.74	chr6	6p22.1	73	1416	103.99	101.99
SLC30A4	14.15	19.01	0.74	chr15	15q21.1	48	959	82.51	122.34
Hs.705695	26.64	35.78	0.74	chr4	N/A	1	304	0.00	42.72
SYCP3	14.52	19.51	0.74	chr12	12q	27	792	115.15	339.89
COASY	110.11	147.92	0.74	chr17	17q12-q21	35	616	81.45	55.90
Hs.602932	17.17	23.07	0.74	chr16	N/A	3	66	73.89	94.77
KRTAP4-4	11.28	15.16	0.74	chr17	17q12-q21	19	389	113.87	175.51
IFT57	58.77	78.97	0.74	chr3	3q13.13	40	1169	78.81	140.99
Hs.664809	16.82	22.60	0.74	chr4	N/A	7	73	84.39	82.77
NFS1	60.29	81.02	0.74	chr20	20q11.22	59	1016	74.99	81.37
Hs.467233	13.13	17.64	0.74	chr19	N/A	3	66	82.81	69.50
Hs.622827	20.00	26.89	0.74	chr2	N/A	1	304	0.00	38.84
ZCCHC14	44.49	59.80	0.74	chr16	16q24.2	56	1513	89.39	146.91
Hs.540780	10.61	14.26	0.74	chr17	N/A	17	146	83.84	102.32
USP21	70.23	94.42	0.74	chr1	1q22	44	1152	171.24	45.06
Hs.522536	8.09	10.88	0.74	chr9	N/A	12	493	49.14	71.82
Hs.559153	16.37	22.00	0.74	chr10	N/A	1	304	0.00	50.62
COX7A2L	254.41	342.06	0.74	chr2	2p21	47	633	134.33	56.02
ARMC10	77.25	103.86	0.74	chr7	7q22.1	42	862	89.13	73.72
MTMR9	64.57	86.82	0.74	chr8	8p23-p22	70	1521	114.69	70.83
Hs.131049	6.26	8.41	0.74	chr6	N/A	10	73	38.09	66.84
Hs.657256	39.33	52.89	0.74	chr12	N/A	12	493	49.50	48.63
Hs.544081	7.08	9.52	0.74	chr5	N/A	10	73	101.37	89.25
ZBTB14	28.44	38.24	0.74	chr18	18pter-p11.21	48	1092	75.91	88.91
PHACTR3	31.33	42.14	0.74	chr20	20q13.32-q13.	23	340	59.06	157.93
Hs.97631	9.31	12.52	0.74	chr6	N/A	7	73	36.25	97.82
Hs.581096	30.49	41.01	0.74	chr22	N/A	5	39	91.80	56.65
ZNF433	35.58	47.86	0.74	chr19	19p13.2	18	60	32.70	61.57
JTB	453.87	610.57	0.74	chr1	1q21	50	1580	100.02	60.98
Hs.594814	3.86	5.19	0.74	chr3	N/A	1	304	0.00	85.16
FAR2	32.06	43.13	0.74	chr12	12p11.22	56	1120	161.64	155.56
LOC541471	64.77	87.15	0.74	chr2	2q13	27	726	148.84	147.97
Hs.129441	6.80	9.14	0.74	chr5	N/A	10	73	79.34	59.21
SLC24A4	14.69	19.76	0.74	chr14	14q32.12	36	1118	75.92	117.76
Hs.707150	24.66	33.17	0.74	chr1	N/A	7	73	72.69	103.89
Hs.664118	10.97	14.76	0.74	chr14	N/A	7	73	34.21	92.49
CCDC127	82.98	111.67	0.74	chr5	5p15.33	26	469	54.61	55.69
SLC44A5	9.33	12.55	0.74	chr1	1p31.1	44	1419	48.90	92.09
NBPF4	13.37	17.99	0.74	chr1	1p13.3	12	316	42.94	74.70
PSENE1	92.31	124.24	0.74	chr19	19q13.12	28	544	69.76	67.12
Hs.24276	11.77	15.84	0.74	chr1	N/A	4	304	43.59	47.94
SETD5	102.32	137.72	0.74	chr3	3p25.3	82	2220	286.24	183.46
RWDD2A	29.34	39.49	0.74	chr6	6q14.2	30	572	88.04	91.60
APOL1	60.79	81.83	0.74	chr22	22q13.1	41	580	100.38	94.67
CCDC18	11.49	15.47	0.74	chr1	1p22.1	13	660	65.17	89.26
OTOS	23.13	31.13	0.74	chr2	2q37.3	17	342	57.77	262.98
Hs.660593	11.37	15.30	0.74	chr14	N/A	2	608	54.36	68.43
LRRC28	36.39	48.99	0.74	chr15	15q26.3	49	1578	118.11	197.94
Hs.707187	194.26	261.57	0.74	chr5	N/A	14	146	104.21	103.27
Hs.444493	8.55	11.51	0.74	chr15	N/A	10	73	60.33	86.65
TRIM60	10.89	14.67	0.74	chr4	4q32.3	28	154	125.03	121.25
DDX47	168.31	226.68	0.74	chr12	12p13.1	31	533	86.36	56.61
XRCC6BP1	28.82	38.82	0.74	chr12	12q14.1	37	801	66.58	116.56
MAB21L1	20.27	27.30	0.74	chr13	13q13	34	617	121.87	123.30
MED18	17.45	23.50	0.74	chr1	1p35.3	33	948	93.56	95.06
Hs.539223	25.90	34.89	0.74	chr12	N/A	7	73	36.24	51.93
TTC32	56.99	76.76	0.74	chr2	2p24.1	29	457	56.97	58.63
Hs.666395	10.00	13.46	0.74	chr2	N/A	2	22	71.01	63.27
TMX2	169.88	228.83	0.74	chr11	11cen-q22.3	34	500	104.98	42.33
Hs.660858	17.21	23.19	0.74	chr14	N/A	3	66	97.89	94.37
Hs.600901	7.67	10.33	0.74	chr3	N/A	7	73	57.92	60.24
GRIN2A	21.83	29.42	0.74	chr16	16p13.2	80	1166	153.60	100.25
Hs.666646	9.75	13.13	0.74	chr7	N/A	7	73	99.94	85.22
CDH26	19.41	26.15	0.74	chr20	20q13.33	52	1506	245.29	144.38
MPDZ	88.77	119.63	0.74	chr9	9p23	52	1098	83.10	92.23
SPTSSA	86.83	117.01	0.74	chr14	14q13.1	44	1116	98.66	78.10
DEFB126	8.44	11.37	0.74	chr20	20p13	39	858	69.76	92.22
BAHD1	57.40	77.36	0.74	chr15	15q15.1	28	550	82.24	63.70
CHRNE	24.90	33.55	0.74	chr17	17p13.2	28	926	47.88	69.81
KCND3	17.12	23.08	0.74	chr1	1p13.3	53	1064	134.62	116.78
ATF4	705.69	951.14	0.74	chr22	22q13.1	64	696	120.93	79.50
PTPN5	13.39	18.05	0.74	chr11	11p15.1	25	1013	59.49	117.84
Hs.670299	3.13	4.22	0.74	chr6	N/A	1	304	0.00	87.79
KCNK12	26.96	36.35	0.74	chr2	2p16.3	23	515	90.79	285.86
CDC73	46.17	62.24	0.74	chr1	1q25	51	1360	97.66	66.34
KCNMB2	20.81	28.05	0.74	chr3	3q26.32	59	1004	75.63	215.05
NLRP14	23.86	32.16	0.74	chr11	11p15.4	21	436	82.21	114.63
Hs.539458	18.50	24.95	0.74	chr12	N/A	10	73	42.80	79.72
FLJ31306	88.21	118.93	0.74	chr14	14q23.1	20	737	114.86	115.00
LOC401052	22.41	30.21	0.74	chr3	3p25.3	14	332	140.93	234.03

Hs.388313	6.69	9.02	0.74	chr21	N/A	1	304	0.00	51.10
TMEM245	155.86	210.17	0.74	chr9	9q31	88	2135	151.38	104.43
AVP11	110.82	149.44	0.74	chr10	10q24.2	28	533	124.22	59.95
Hs.597990	32.74	44.14	0.74	chr4	N/A	8	377	41.96	57.64
SP1	87.26	117.68	0.74	chr12	12q13.1	75	1792	260.20	105.31
ARPC4	55.87	75.34	0.74	chr3	3p25.3	71	1574	126.93	104.64
HAVCR1	9.58	12.92	0.74	chr5	5q33.2	20	493	80.54	70.96
TMEM132A	25.56	34.47	0.74	chr11	11q12.2	34	2200	68.32	114.44
Hs.538921	11.06	14.92	0.74	chr11	N/A	10	73	64.97	66.31
YIPF1	60.92	82.16	0.74	chr1	1p33-p32.1	36	583	76.42	55.70
Hs.91147	10.18	13.74	0.74	chr3	N/A	11	377	128.67	56.59
Hs.667487	6.26	8.45	0.74	chr2	N/A	7	73	84.80	85.64
Hs.252866	16.04	21.63	0.74	chr18	N/A	1	304	0.00	74.92
GAF1A	11.01	14.86	0.74	chr14	14q11.2	11	332	37.27	58.43
Hs.495410	22.13	29.86	0.74	chr9	N/A	15	450	97.29	87.01
LINC00950	17.05	23.01	0.74	chr9	9p13.3	24	562	110.65	101.02
WISP3	10.68	14.41	0.74	chr6	6q21	29	494	103.32	74.50
LOC100505933	16.90	22.80	0.74	chr10	N/A	40	1110	91.47	117.31
NHLRC3	44.24	59.70	0.74	chr13	13q13.3	72	1307	146.22	118.36
Hs.735257	12.83	17.32	0.74	chr7	N/A	6	724	48.68	91.46
PP2672	18.95	25.57	0.74	chr1	1q42.3	11	344	46.69	45.49
WDR70	55.46	74.84	0.74	chr5	5p13.2	21	459	60.90	40.62
PCDHAC2	12.32	16.63	0.74	chr5	5q31	2	52	38.42	49.25
ZNF526	30.17	40.72	0.74	chr19	19q13.2	26	468	45.70	45.59
CRABP1	42.85	57.84	0.74	chr15	15q24	50	1014	122.36	205.00
DKC1	93.26	125.88	0.74	chrX	Xq28	40	1416	110.08	65.54
Hs.607593	10.97	14.81	0.74	chr19	N/A	1	304	0.00	89.14
Hs.636184	10.26	13.85	0.74	chr4	N/A	1	304	0.00	51.29
Hs.635223	10.57	14.28	0.74	chr19	N/A	7	73	45.69	90.58
Hs.655966	11.65	15.73	0.74	chr11	N/A	2	16	63.85	27.52
TTC28-AS1	31.60	42.67	0.74	chr22	22q12.1	27	1117	228.87	173.25
Hs.126573	10.72	14.47	0.74	chr9	N/A	18	450	45.86	59.99
Hs.656070	14.45	19.51	0.74	chr13	N/A	7	73	71.89	116.72
FSCB	6.86	9.26	0.74	chr14	14q21.2	22	384	70.64	142.09
HTR1B	16.26	21.96	0.74	chr6	6q13	25	533	76.73	91.55
FAM71B	19.91	26.89	0.74	chr5	5q33.3	35	1095	260.54	233.14
GALNS	42.63	57.57	0.74	chr16	16q24.3	35	930	120.75	90.47
GIT2	41.13	55.55	0.74	chr12	12q24.1	84	2236	168.22	141.77
Hs.603941	123.13	166.30	0.74	chr5	N/A	7	73	144.21	43.62
PLRG1	79.52	107.41	0.74	chr4	4q31.2-q32.1	33	750	144.94	74.20
HLA-DPB1	323.80	437.35	0.74	chr6	6p21.3	40	936	82.91	181.80
Hs.602090	5.12	6.92	0.74	chr5	N/A	2	22	28.55	79.87
DNASE1	30.58	41.31	0.74	chr16	16p13.3	39	1837	142.39	85.01
Hs.434865	4.27	5.76	0.74	chr5	N/A	5	22	33.54	73.65
Hs.659332	13.32	18.00	0.74	chr11	N/A	2	22	103.98	76.71
Hs.232002	7.56	10.21	0.74	chr8	N/A	7	95	49.92	74.77
KCNJ5	27.46	37.10	0.74	chr11	11q24	51	1787	97.42	83.26
Hs.370168	14.98	20.24	0.74	chr17	N/A	5	51	61.42	48.23
Hs.74082	10.43	14.09	0.74	chr12	N/A	7	73	70.99	161.18
PDXP	71.68	96.85	0.74	chr22	22q12.3	24	406	115.96	59.69
Hs.405639	26.32	35.57	0.74	chr16	N/A	3	66	73.68	78.49
LRRRC73	25.89	34.98	0.74	chr6	6p21.1	23	457	81.70	169.42
ANKRD31	7.31	9.88	0.74	chr5	5q13.3	33	598	90.28	144.80
FBXO38	65.49	88.50	0.74	chr5	5q32	60	1346	99.91	91.80
Hs.543331	8.46	11.43	0.74	chr4	N/A	7	73	59.36	60.16
HIRA	41.85	56.56	0.74	chr22	22q11.21	64	1225	65.81	120.41
Hs.660980	20.63	27.89	0.74	chr2	N/A	14	146	54.67	127.15
LOC100507108	20.34	27.49	0.74	chr14	N/A	6	326	61.38	46.70
Hs.714331	30.40	41.10	0.74	chr10	N/A	1	304	0.00	60.16
NR2C2AP	62.80	84.89	0.74	chr19	19p13.11	29	424	111.59	72.78
Hs.658129	53.34	72.10	0.74	chr4	N/A	5	420	73.18	69.95
Hs.658346	27.40	37.04	0.74	chr9	N/A	7	73	82.43	52.71
Hs.144196	5.08	6.87	0.74	chr2	N/A	1	305	0.00	71.53
Hs.607058	23.51	31.78	0.74	chr8	N/A	1	304	0.00	135.00
Hs.125470	17.23	23.29	0.74	chr12	N/A	10	73	68.51	65.81
Hs.708469	45.25	61.17	0.74	chr15	N/A	7	73	79.70	71.68
Hs.148844	9.48	12.81	0.74	chr9	N/A	7	73	94.90	83.81
NTSR2	13.58	18.36	0.74	chr2	2p25.1	36	565	149.20	157.57
NUP214	59.99	81.12	0.74	chr9	9q34.1	52	1479	109.59	115.50
NBEAL2	59.58	80.57	0.74	chr3	3p21.31	40	944	231.04	152.31
Hs.130638	9.99	13.51	0.74	chr3	N/A	7	73	77.46	95.00
DAPP1	57.16	77.29	0.74	chr4	4q25-q27	38	1516	261.88	100.27
TGFB2	22.71	30.72	0.74	chr1	1q41	94	2509	114.75	131.77
NFATC1	34.87	47.17	0.74	chr18	18q23	71	2314	91.54	94.20
Hs.689155	17.21	23.28	0.74	chr5	N/A	10	28	28.16	99.94
Hs.175285	13.04	17.63	0.74	chr1	N/A	11	377	77.14	63.31
LOC100505942	18.56	25.11	0.74	chr16	N/A	1	304	0.00	66.10
Hs.684459	11.57	15.65	0.74	chr8	N/A	1	304	0.00	66.86
ADORA1	38.43	51.99	0.74	chr1	1q32.1	51	1061	93.45	69.43
TMED4	118.12	159.79	0.74	chr7	7p13	62	1847	141.93	116.15
Hs.540280	20.36	27.55	0.74	chr15	N/A	7	73	68.85	55.33
VPS16	29.63	40.09	0.74	chr20	20p13	20	101	83.64	117.37
MKRN1	158.01	213.80	0.74	chr7	7q34	64	1202	154.17	116.72
LINC00251	8.88	12.01	0.74	chr8	8q13.1	10	73	79.33	116.26
DR1	52.65	71.24	0.74	chr1	1p22.1	70	2701	103.91	106.65
Hs.666235	28.45	38.50	0.74	chr2	N/A	14	146	120.00	83.48
Hs.588813	6.22	8.41	0.74	chr10	N/A	1	304	0.00	63.16
HELZ	77.64	105.06	0.74	chr17	17q24.2	36	1253	80.41	69.59
TMEM64	43.25	58.54	0.74	chr8	8q21.3	46	1126	113.74	78.97
MGAT2	69.92	94.63	0.74	chr14	14q21	60	1206	137.79	85.30
Hs.656374	40.24	54.47	0.74	chr1	N/A	7	73	66.27	41.20
ARFGF2	58.90	79.73	0.74	chr20	20q13.13	66	2028	229.16	135.77
ANKRD36	21.80	29.51	0.74	chr2	2q11.2	33	809	146.01	136.46

MTFR1	41.63	56.36	0.74	chr8	8q13.1	52	1091	112.57	66.09
Hs.658757	10.17	13.77	0.74	chr5	N/A	1	304	0.00	52.15
PSMG1	77.06	104.32	0.74	chr21	21q22.3	35	593	73.97	161.08
Hs.559628	239.38	324.06	0.74	chr1	N/A	10	73	83.00	90.61
STAM2	37.95	51.38	0.74	chr2	2q23.3	71	2271	183.76	129.59
Hs.670803	11.73	15.89	0.74	chrX	N/A	1	304	0.00	45.87
ZNF304	25.16	34.06	0.74	chr19	19q13.4	31	485	59.42	59.52
CTC1	27.80	37.64	0.74	chr17	17p13.1	36	1139	86.57	73.55
TMEM117	27.54	37.29	0.74	chr12	12q12	33	572	50.70	81.20
PRMT10	53.53	72.47	0.74	chr4	4q31.23	30	573	153.30	97.42
LOC283335	32.12	43.49	0.74	chr12	12q13.13	1	304	0.00	99.91
Hs.658424	25.20	34.11	0.74	chr11	N/A	1	304	0.00	32.30
TSPAN31	139.72	189.18	0.74	chr12	12q13.3	35	997	102.02	67.40
PADI4	13.69	18.54	0.74	chr1	1p36.13	46	1374	105.53	464.57
Hs.303719	5.48	7.42	0.74	chr4	N/A	3	66	44.14	76.96
Hs.660289	30.23	40.94	0.74	chr10	N/A	7	73	64.97	57.71
RNFT1	29.20	39.55	0.74	chr17	17q23.1	47	1287	83.61	132.75
Hs.573166	16.99	23.00	0.74	chr5	N/A	7	73	89.31	67.95
KANSL1-AS1	35.86	48.56	0.74	chr17	17q21.31	19	721	118.13	119.75
Hs.594905	58.42	79.12	0.74	chr15	N/A	15	450	91.00	423.85
Hs.664605	7.10	9.62	0.74	chr11	N/A	10	393	65.52	104.21
Hs.407574	6.95	9.42	0.74	chr11	N/A	1	304	0.00	68.97
OAZ2	147.50	199.82	0.74	chr15	15q22.31	36	1082	101.36	60.14
CEBPG	59.44	80.54	0.74	chr19	19q13.11	31	881	84.66	70.06
Hs.603534	9.59	12.99	0.74	chr3	N/A	7	73	38.42	130.30
RASGEF1B	14.59	19.78	0.74	chr4	4q21.21	30	725	171.64	113.10
MAPI0	9.65	13.07	0.74	chr1	1q42.2	33	488	97.61	124.21
Hs.598436	73.62	99.76	0.74	chr2	N/A	7	73	43.00	97.30
CCDC147	11.47	15.55	0.74	chr10	10q25.1	23	764	128.50	82.91
LOX	27.58	37.38	0.74	chr5	5q23.2	158	1845	177.56	193.33
CIRH1A	79.05	107.14	0.74	chr16	16q22.1	46	896	103.88	60.01
TRADD	56.86	77.07	0.74	chr16	16q22	47	1456	96.60	83.47
ZBED3-AS1	10.69	14.49	0.74	chr5	5q13.3	10	1348	46.51	87.18
TBC1D16	32.30	43.78	0.74	chr17	17q25.3	76	2255	120.32	129.60
Hs.131413	10.00	13.55	0.74	chr11	N/A	10	73	61.33	67.11
Hs.667495	3.29	4.46	0.74	chr12	N/A	1	304	0.00	74.55
BCDIN3D-AS1	14.97	20.30	0.74	chr12	12q13.13	9	681	51.31	54.98
Hs.667632	5.23	7.09	0.74	chr6	N/A	3	66	6.83	108.16
Hs.670239	58.05	78.70	0.74	chr19	N/A	5	420	69.13	58.18
HAVCR2	21.98	29.81	0.74	chr5	5q33.3	42	1364	157.31	81.36
Hs.662984	8.18	11.09	0.74	chr4	N/A	7	73	80.59	76.36
Hs.382669	12.46	16.89	0.74	chr21	N/A	4	304	66.00	73.95
Hs.126123	9.57	12.98	0.74	chr8	N/A	7	73	96.95	91.40
Hs.456465	10.49	14.23	0.74	chr1	N/A	7	73	56.50	90.70
Hs.116238	6.42	8.70	0.74	chr4	N/A	7	73	37.95	65.40
PCSK2	39.44	53.48	0.74	chr20	20p11.2	42	1067	258.16	321.96
HESX1	11.42	15.49	0.74	chr3	3p14.3	37	633	113.02	93.22
SCGB1C1	19.17	25.99	0.74	chr11	11p15.5	33	530	247.57	240.63
OR7A17	15.13	20.52	0.74	chr19	19p13.12	21	456	54.58	51.55
TNFRSF10A	23.21	31.48	0.74	chr8	8p21	19	388	116.21	53.74
LTN1	48.62	65.95	0.74	chr21	21q22.11	44	1282	155.26	92.50
Hs.635182	13.60	18.45	0.74	chr15	N/A	2	22	1.15	56.23
TNFRSF1B	76.35	103.56	0.74	chr1	1p36.22	37	666	116.44	168.60
CES2	180.06	244.23	0.74	chr16	16q22.1	58	1496	109.23	129.52
CELSR1	16.53	22.43	0.74	chr22	22q13.3	43	1365	80.32	138.87
Hs.436882	6.60	8.96	0.74	chr6	N/A	8	377	50.85	126.54
Hs.121869	8.64	11.73	0.74	chr13	N/A	10	73	76.73	80.08
DENND4B	99.09	134.43	0.74	chr1	1q21	23	572	71.84	73.34
Hs.665324	12.41	16.83	0.74	chr2	N/A	3	66	45.53	87.26
Hs.148815	22.53	30.57	0.74	chr6	N/A	2	22	25.16	60.97
HIST2H2AC	78.84	106.96	0.74	chr1	1q21.2	23	56	82.93	101.72
Hs.635597	7.30	9.90	0.74	chrX	N/A	10	28	50.90	30.32
TSR2	89.99	122.08	0.74	chrX	Xp11.22	37	633	87.56	53.55
C2orf66	17.86	24.24	0.74	chr2	2q33.1	16	28	60.12	70.89
Hs.148203	8.10	10.99	0.74	chr6	N/A	3	66	33.54	117.47
Hs.504422	20.83	28.26	0.74	chr12	N/A	1	304	0.00	45.94
Hs.562262	9.97	13.53	0.74	chr10	N/A	2	22	17.28	80.43
MUC6	38.36	52.07	0.74	chr11	11p15.5	50	999	146.27	373.86
BST2	135.35	183.70	0.74	chr19	19p13.1	32	593	56.30	114.46
Hs.666862	17.54	23.81	0.74	chr2	N/A	14	146	151.32	90.33
SET	512.72	696.01	0.74	chr9	9q34	79	2851	168.37	87.00
Hs.13155	54.11	73.45	0.74	chr3	N/A	5	425	28.41	49.64
SKP2	23.10	31.36	0.74	chr5	5p13	48	1450	113.93	112.16
Hs.135043	9.10	12.36	0.74	chr2	N/A	10	73	81.73	78.00
SLC11A1	35.55	48.26	0.74	chr2	2q35	84	2654	176.68	138.07
RAB3GAP1	105.61	143.38	0.74	chr2	2q21.3	60	1856	142.51	129.09
LOC149134	22.38	30.39	0.74	chr1	1q44	17	344	55.42	69.33
Hs.739989	7.74	10.50	0.74	chr12	N/A	4	304	97.52	53.29
Hs.657124	9.88	13.42	0.74	chr5	N/A	14	146	73.46	100.14
Hs.734251	8.64	11.73	0.74	chr20	N/A	2	22	13.54	70.62
Hs.649978	5.75	7.81	0.74	chr3	N/A	1	304	0.00	88.00
Hs.566392	5.98	8.12	0.74	chr5	N/A	5	22	16.43	64.47
Hs.701108	74.42	101.07	0.74	chr10	N/A	7	73	104.43	55.83
Hs.668157	7.11	9.66	0.74	chrX	N/A	2	22	23.86	54.45
DAGLB	27.10	36.80	0.74	chr7	7p22.1	34	1432	122.24	70.64
SLC44A3	31.31	42.52	0.74	chr1	1p21.3	23	500	82.56	79.90
PSMG4	26.38	35.83	0.74	chr6	6p25.2	11	1289	100.41	119.94
FAM182A	12.74	17.31	0.74	chr20	20p11.1	31	128	62.59	87.04
Hs.657090	11.12	15.11	0.74	chrX	N/A	8	377	48.86	62.80
PARVG	36.66	49.79	0.74	chr22	22q13.31	41	1105	224.20	138.83
ZBTB38	84.77	115.16	0.74	chr3	3q23	58	1918	138.90	95.04
Hs.659365	16.91	22.97	0.74	chr3	N/A	3	66	35.12	90.33
LOC650157	4.76	6.47	0.74	chr2	2p25.1	2	16	36.89	42.11

Hs.591900	32.65	44.36	0.74	chr9	N/A	15	450	85.04	64.74
LOC100505878	3.03	4.12	0.74	chr5	N/A	11	332	53.31	98.42
Hs.644773	16.32	22.17	0.74	chr5	N/A	21	219	80.75	89.07
WNT5B	15.97	21.70	0.74	chr12	12p13.3	40	1214	109.21	94.16
WDR44	31.74	43.13	0.74	chrX	Xq24	41	966	67.17	88.47
Hs.11169	11.02	14.98	0.74	chr1	N/A	7	73	54.29	72.22
Hs.93825	33.09	44.97	0.74	chr17	N/A	5	616	119.01	62.05
Hs.617390	9.85	13.38	0.74	chr5	N/A	1	304	0.00	56.11
Hs.116215	11.63	15.81	0.74	chr3	N/A	1	304	0.00	43.55
Hs.633768	244.57	332.35	0.74	chr3	N/A	7	73	156.23	150.44
Hs.657845	14.73	20.02	0.74	chr8	N/A	7	73	95.07	56.05
Hs.713772	59.87	81.37	0.74	chr10	N/A	7	73	53.55	52.58
Hs.129636	33.84	45.99	0.74	chr4	N/A	18	450	110.40	49.95
Hs.703788	2.88	3.91	0.74	chr18	N/A	1	304	0.00	59.02
CDK5	49.66	67.49	0.74	chr7	7q36	37	667	133.64	203.73
ALDH7A1	75.36	102.43	0.74	chr5	5q31	73	1558	94.80	113.30
CLECL1	9.49	12.90	0.74	chr12	12p13.31	15	636	124.62	103.77
Hs.534688	5.70	7.75	0.74	chr8	N/A	2	22	8.83	69.28
Hs.633645	9.16	12.46	0.74	chr17	N/A	5	420	33.77	64.79
CKS1B	149.33	202.99	0.74	chr1	1q21.2	55	621	134.41	147.44
Hs.603239	9.50	12.91	0.74	chr18	N/A	2	22	49.10	56.47
FGF2	26.69	36.29	0.74	chr4	4q26	77	1332	129.23	120.36
Hs.669515	4.30	5.84	0.74	chr17	N/A	10	28	40.12	82.20
Hs.675200	37.89	51.52	0.74	chr5	N/A	20	56	76.18	54.87
ACTN1	173.58	236.04	0.74	chr14	14q22-q24	58	1816	141.98	127.16
KIAA1211L	26.88	36.56	0.74	chr2	2q11.2	64	1551	147.16	150.87
Hs.654267	28.12	38.24	0.74	chr5	N/A	15	448	72.21	59.64
MRE11A	22.58	30.71	0.74	chr11	11q21	108	1720	135.02	107.50
Hs.585479	25.59	34.80	0.74	chr10	N/A	8	377	87.14	93.19
Hs.660262	21.71	29.53	0.74	chr2	N/A	14	146	140.92	109.60
FER1L6-AS1	16.09	21.88	0.74	chr8	8q24.13	15	321	34.78	92.63
PGLS	65.56	89.18	0.74	chr19	19p13.2	45	1594	86.64	78.82
Hs.653296	42.80	58.22	0.74	chr6	N/A	10	28	31.45	33.25
Hs.661285	10.49	14.27	0.74	chr3	N/A	15	450	65.34	71.66
Hs.127528	9.93	13.51	0.74	chr3	N/A	10	73	72.10	81.37
EDNRA	65.53	89.15	0.74	chr4	4q31.22	50	1444	93.10	145.45
DDHD2	84.09	114.41	0.73	chr8	8p11.23	64	774	166.61	65.84
RPS6KA4	43.45	59.11	0.73	chr11	11q11-q13	36	928	95.44	104.77
Hs.193480	23.15	31.50	0.73	chr17	N/A	28	478	119.11	99.18
Hs.603570	9.14	12.44	0.73	chr19	N/A	2	22	24.09	67.93
RNF148	10.79	14.68	0.73	chr7	7q31.33	19	395	99.63	334.54
GAS5-AS1	13.78	18.75	0.73	chr1	N/A	16	383	116.50	114.79
COL2A1	22.93	31.21	0.73	chr12	12q13.11	40	1036	130.03	274.31
Hs.608943	16.73	22.77	0.73	chr14	N/A	1	304	0.00	70.24
SRSF11	133.85	182.14	0.73	chr1	1p31	91	2536	306.96	180.96
Hs.633534	24.96	33.96	0.73	chr17	N/A	7	73	89.46	61.93
Hs.733020	39.29	53.46	0.73	chr11	N/A	1	304	0.00	65.87
LY6K	19.24	26.19	0.73	chr8	8q24.3	46	1069	97.93	256.85
Hs.630666	14.26	19.40	0.73	chr17	N/A	10	73	60.40	91.54
KIAA2026	41.98	57.14	0.73	chr9	9p24.1	34	1390	127.46	95.97
Hs.554169	1,931.27	2,628.70	0.73	chr18	N/A	10	73	136.55	62.45
Hs.588220	100.62	136.97	0.73	chr5	N/A	7	73	69.43	48.76
Hs.564869	48.75	66.36	0.73	chr12	N/A	7	73	42.47	45.87
Hs.547058	7.42	10.10	0.73	chr4	N/A	4	304	70.20	93.98
SBNO2	35.04	47.71	0.73	chr19	19p13.3	60	1278	139.16	104.54
CCNK	59.25	80.67	0.73	chr14	14q32	46	942	196.16	114.85
CDKN1A	126.54	172.29	0.73	chr6	6p21.2	71	1178	104.12	146.96
Hs.356962	22.71	30.92	0.73	chr21	N/A	6	66	73.07	208.60
Hs.675966	12.46	16.96	0.73	chr5	N/A	15	24	54.90	47.96
Hs.731736	79.00	107.57	0.73	chr7	N/A	7	73	81.45	76.45
TTL5	25.41	34.60	0.73	chr14	14q24.3	78	3137	129.58	263.99
ZNF564	28.88	39.33	0.73	chr19	19p13.2	34	433	91.61	69.95
NLGN4Y	9.74	13.27	0.73	chrY	Yq11.221	34	830	59.89	101.66
RPL21	885.74	1,206.21	0.73	chr13	13q12.2	192	1841	74.38	130.45
Hs.517008	18.41	25.08	0.73	chr20	N/A	6	355	65.76	75.98
Hs.659575	4.83	6.57	0.73	chr13	N/A	5	420	42.71	102.95
NANS	66.95	91.20	0.73	chr9	9p24.1-p23	31	852	58.40	136.91
Hs.659449	21.66	29.50	0.73	chr21	N/A	8	377	49.46	39.20
SSPN	124.69	169.85	0.73	chr12	12p11.2	59	1556	127.80	101.67
SNRNP35	58.40	79.56	0.73	chr12	12q24.31	31	554	78.68	67.12
QPCTL	13.12	17.88	0.73	chr19	19q13.32	20	458	111.62	57.28
EPPK1	36.24	49.37	0.73	chr8	8q24.3	35	1692	125.64	199.39
SMEK1	61.53	83.83	0.73	chr14	14q32.12	57	1387	160.97	124.75
Hs.668613	3.61	4.91	0.73	chr13	N/A	1	304	0.00	81.95
CBX5	65.25	88.90	0.73	chr12	12q13.13	107	2807	267.68	125.85
Hs.666752	15.51	21.14	0.73	chrX	N/A	1	304	0.00	75.60
SMARCA5	71.15	96.96	0.73	chr4	4q31.1-q31.2	53	1445	153.22	129.97
Hs.580353	11.25	15.33	0.73	chr2	N/A	5	22	41.03	54.14
ZC3HAV1L	33.94	46.26	0.73	chr7	7q34	40	801	107.88	123.74
Hs.132005	12.59	17.16	0.73	chr2	N/A	7	73	111.09	68.48
Hs.633490	18.23	24.85	0.73	chr8	N/A	1	304	0.00	47.17
RPAP2	48.11	65.57	0.73	chr1	1p22.1	31	859	65.20	52.87
WNT3	18.85	25.69	0.73	chr17	17q21	29	1143	79.98	165.46
SLC7A13	7.52	10.26	0.73	chr8	8q21.3	24	405	42.91	125.64
Hs.560097	6.41	8.73	0.73	chr12	N/A	7	73	33.30	107.94
IMPDH1	66.21	90.28	0.73	chr7	7q31.3-q32	64	647	101.87	108.14
Hs.726869	35.97	49.05	0.73	chr16	N/A	5	425	52.15	152.96
CSMD1	14.19	19.34	0.73	chr8	8p23.2	77	2397	136.99	1,099.56
IVNS1ABP	118.39	161.44	0.73	chr1	1q25.1-q31.1	73	1540	123.14	107.85
Hs.734219	11.83	16.13	0.73	chr7	N/A	3	66	78.97	100.70
BRI3BP	20.07	27.36	0.73	chr12	12q24.31	60	336	100.20	90.04
Hs.666588	9.83	13.40	0.73	chr14	N/A	7	73	111.27	100.97
Hs.663336	23.94	32.66	0.73	chr12	N/A	1	304	0.00	41.50

Hs.732795	16.91	23.07	0.73	chr3	N/A	11	332	72.01	49.54
ZC3H18	26.90	36.69	0.73	chr16	16q24.2	25	721	90.21	74.72
GAREM	52.52	71.63	0.73	chr18	18q12.1	57	1574	168.01	167.94
Hs.655060	11.79	16.09	0.73	chr5	N/A	8	377	70.33	97.41
SCGB2B2	11.05	15.08	0.73	chr19	19q13.11	35	551	72.08	80.83
Hs.667705	30.06	41.00	0.73	chr1	N/A	10	28	42.99	78.45
ROM1	25.07	34.20	0.73	chr11	11q13	45	656	126.71	102.97
ATRX	73.36	100.08	0.73	chrX	Xq21.1	106	2244	181.74	95.14
TIGD3	16.26	22.19	0.73	chr11	11q13.1	26	458	123.12	118.87
SEC61B	240.45	328.05	0.73	chr9	9q22.32-q31.3	48	982	88.04	109.43
Hs.677323	18.06	24.64	0.73	chr2	N/A	2	608	67.45	64.95
CTU1	19.42	26.50	0.73	chr19	19q13.41	16	28	92.09	31.60
ZNF541	33.00	45.03	0.73	chr19	19q13.33	19	386	56.23	116.27
Hs.292097	8.59	11.72	0.73	chr10	N/A	3	66	103.13	100.01
Hs.664620	13.38	18.26	0.73	chr1	N/A	8	377	92.11	62.89
ASB14	25.66	35.02	0.73	chr3	3p21.1	30	716	113.52	83.06
WWC2	37.03	50.54	0.73	chr4	4q35.1	70	1779	90.43	100.25
Hs.604686	21.59	29.47	0.73	chr2	N/A	7	73	106.55	65.90
Hs.127736	6.35	8.66	0.73	chr1	N/A	7	73	65.11	107.66
Hs.542946	12.85	17.53	0.73	chr3	N/A	2	22	33.27	76.38
Hs.289922	5.82	7.94	0.73	chr8	N/A	1	304	0.00	69.05
Hs.666701	18.87	25.75	0.73	chr1	N/A	7	73	61.43	70.81
LOC100130924	5.47	7.47	0.73	chr3	3p25.2	4	32	12.12	39.05
Hs.471428	19.73	26.94	0.73	chr2	N/A	10	73	68.02	58.06
CCKAR	18.22	24.87	0.73	chr4	4p15.1-p15.2	28	912	77.66	89.32
GADL1	5.75	7.85	0.73	chr3	3p24.1-p23	7	304	48.79	65.99
TAS2R60	20.65	28.19	0.73	chr7	7q35	13	36	51.81	90.58
PPIH	56.44	77.06	0.73	chr1	1p34.1	34	681	102.12	115.71
LOC100506790	11.92	16.27	0.73	chrX	N/A	11	377	79.00	61.41
SLC4A7	24.68	33.70	0.73	chr3	3p22	67	1890	130.85	128.82
WBSR22	145.52	198.70	0.73	chr7	N/A	35	571	110.84	78.68
Hs.156984	13.41	18.30	0.73	chr17	N/A	7	73	101.34	82.11
Hs.733796	8.18	11.18	0.73	chr2	N/A	1	304	0.00	102.69
TTY10	15.14	20.67	0.73	chrY	Yq11.221	16	384	151.83	120.00
KLHL13	42.94	58.63	0.73	chrX	Xq23-q24	29	469	124.61	104.01
Hs.664950	11.77	16.08	0.73	chr6	N/A	7	73	120.18	76.54
Hs.664867	9.80	13.38	0.73	chr9	N/A	8	377	49.16	75.76
PITPNC1	39.77	54.30	0.73	chr17	17q24.2	83	2132	184.74	135.32
CYTH3	39.11	53.41	0.73	chr7	7p22.1	40	1226	136.86	155.56
ZBTB48	29.59	40.41	0.73	chr1	1p36.3	27	553	112.11	62.68
Hs.543844	9.77	13.35	0.73	chr5	N/A	10	73	94.34	91.90
NUDT17	33.44	45.68	0.73	chr1	1q21.1	7	660	73.93	52.53
Hs.364166	6.89	9.41	0.73	chr6	N/A	13	28	54.99	67.63
Hs.666560	22.75	31.08	0.73	chr5	N/A	14	146	71.30	62.38
LOC100049716	31.24	42.68	0.73	chr12	12p13.33	15	702	37.95	67.99
Hs.560038	10.38	14.18	0.73	chr12	N/A	2	22	55.40	45.19
Hs.580052	7.70	10.52	0.73	chr2	N/A	10	73	48.52	78.66
BATF2	36.45	49.79	0.73	chr11	11q13.1	21	442	129.78	95.02
KRT27	12.38	16.91	0.73	chr17	17q21.2	24	409	70.27	141.67
Hs.666095	15.50	21.18	0.73	chr8	N/A	7	73	84.07	63.56
Hs.565080	8.25	11.27	0.73	chr17	N/A	5	22	59.09	83.53
Hs.665431	15.66	21.40	0.73	chr6	N/A	2	22	88.65	67.09
Hs.134221	6.71	9.17	0.73	chr13	N/A	7	73	42.72	90.92
HPR	138.01	188.57	0.73	chr16	16q22.1	29	897	50.14	502.95
MLEC	176.53	241.22	0.73	chr12	12q24.31	73	1139	142.93	107.07
NRSN2	48.38	66.11	0.73	chr20	20p13	44	624	95.88	125.75
Hs.602120	14.68	20.06	0.73	chr14	N/A	14	146	72.38	73.30
Hs.664493	23.30	31.84	0.73	chr1	N/A	7	73	106.03	62.21
PCDHGB6	5.44	7.43	0.73	chr5	5q31	5	425	28.47	136.71
DEF8	71.50	97.72	0.73	chr16	16q24.3	57	945	79.56	83.82
Hs.676598	42.81	58.51	0.73	chr8	N/A	1	304	0.00	38.69
Hs.144030	17.56	23.99	0.73	chr8	N/A	24	731	133.26	169.28
Hs.727767	52.51	71.77	0.73	chr4	N/A	7	73	108.98	62.41
Hs.148447	9.62	13.15	0.73	chr5	N/A	2	22	8.64	68.45
MCM7	86.58	118.35	0.73	chr7	7q21.3-q22.1	41	992	78.67	81.80
CADM4	17.82	24.36	0.73	chr19	19q13.31	55	2240	170.88	123.49
TRIOBP	104.78	143.24	0.73	chr22	22q13.1	78	2458	118.79	153.61
CEP135	18.18	24.85	0.73	chr4	4q12	55	1049	81.14	95.13
Hs.122034	7.50	10.25	0.73	chr17	N/A	10	73	55.63	87.26
KDM5D	78.57	107.41	0.73	chrY	Yq11	30	570	87.16	100.82
Hs.568856	4.30	5.88	0.73	chr10	N/A	2	608	49.70	101.60
EIF5	231.11	315.96	0.73	chr14	14q32.32	96	2431	227.63	154.17
AHSA1	213.12	291.36	0.73	chr14	14q24	35	628	89.41	61.58
CIB3	15.23	20.83	0.73	chr19	19p13.12	20	688	68.23	70.64
BBS12	27.32	37.36	0.73	chr4	4q27	33	542	67.26	85.42
ARSA	34.88	47.70	0.73	chr22	22q13.33	44	900	73.76	68.55
Hs.458733	7.12	9.74	0.73	chr15	N/A	18	405	41.99	99.42
C11orf1	32.71	44.73	0.73	chr11	11q23.1	47	1416	183.30	113.02
SFMBT2	22.67	31.01	0.73	chr10	10p14	34	789	113.95	129.65
Hs.665847	9.50	12.99	0.73	chr3	N/A	2	22	34.82	63.17
CHST9	15.40	21.06	0.73	chr18	18q11.2	34	844	68.23	160.83
Hs.144655	9.08	12.42	0.73	chr12	N/A	2	22	11.77	62.04
Hs.14747	10.37	14.18	0.73	chr6	N/A	7	73	69.61	79.49
ORC5	29.47	40.31	0.73	chr7	7q22.1	56	1445	122.79	109.28
PTK2	60.27	82.44	0.73	chr8	8q24.3	129	2355	233.37	121.29
DBNL	111.01	151.84	0.73	chr7	7p13	32	423	170.12	78.27
Hs.633416	3.07	4.19	0.73	chr2	N/A	10	28	47.44	28.75
EPCAB10	13.15	17.99	0.73	chr7	7q22.3	20	427	194.05	143.05
GPR84	12.92	17.67	0.73	chr12	12q13.13	17	343	87.62	169.88
Hs.636063	12.21	16.70	0.73	chr19	N/A	4	304	38.07	57.79
LOC727944	10.52	14.39	0.73	chr2	2p25.3	11	377	84.15	118.14
Hs.602717	55.72	76.22	0.73	chr22	N/A	3	66	71.38	54.54
Hs.382666	9.50	12.99	0.73	chr10	N/A	4	304	50.53	53.92

SNX2	74.81	102.35	0.73	chr5	5q23	42	1058	104.17	103.03
PLBD2	32.13	43.96	0.73	chr12	12q24.13	26	461	87.73	83.06
IGDCC3	31.32	42.86	0.73	chr15	15q22.3-q23	42	887	314.22	94.04
IGF1R	69.80	95.51	0.73	chr15	15q26.3	142	2841	382.62	133.86
RBBP6	60.02	82.13	0.73	chr16	16p12.2	123	3521	169.70	114.40
FZD1	47.69	65.26	0.73	chr7	7q21	47	1020	75.38	126.72
PPARD	45.42	62.15	0.73	chr6	6p21.2	56	1445	126.36	111.14
TMEM25	32.84	44.94	0.73	chr11	11q23.3	44	978	85.47	96.30
ZNF446	45.45	62.20	0.73	chr19	19q13.43	32	780	57.11	69.03
RIMS4	24.79	33.92	0.73	chr20	20q13.12	33	770	77.69	90.14
RGR	17.77	24.32	0.73	chr10	10q23	48	1212	92.08	60.29
Hs.738952	23.08	31.59	0.73	chr8	N/A	7	73	47.44	93.41
H1F0	153.71	210.40	0.73	chr22	22q13.1	48	825	145.76	105.86
RIMS1	15.96	21.85	0.73	chr6	6q12-q13	40	1315	212.57	107.22
KIR2DL1	16.17	22.13	0.73	chr19	19q13.4	54	2602	88.90	76.84
XPC	122.53	167.73	0.73	chr3	3p25	31	616	126.28	120.79
SPRED2	25.02	34.26	0.73	chr2	2p14	78	1759	134.09	122.05
CASP16	12.16	16.65	0.73	chr16	16p13.3	9	320	29.32	51.93
MED28	45.32	62.04	0.73	chr4	4p16	64	1937	107.42	69.14
Hs.587203	11.53	15.79	0.73	chr3	N/A	1	304	0.00	57.39
Hs.654934	5.36	7.33	0.73	chr14	N/A	10	28	22.44	67.06
Hs.734087	49.45	67.71	0.73	chrX	N/A	7	73	96.72	54.14
LOC100287049	8.30	11.36	0.73	chr1	1q23.2	7	73	58.21	113.62
PLOD2	95.64	130.98	0.73	chr3	3q24	48	1070	168.23	174.23
Hs.130956	5.44	7.44	0.73	chr8	N/A	10	73	37.68	85.00
SLC25A21	19.79	27.11	0.73	chr14	14q11.2	44	724	196.48	294.36
TPRKB	88.82	121.64	0.73	chr2	2p24.3-p24.1	38	606	66.16	68.86
RPL36	408.58	559.61	0.73	chr19	19p13.3	32	842	92.74	111.34
Hs.573894	7.39	10.12	0.73	chr10	N/A	7	73	49.85	95.80
Hs.658097	7.86	10.77	0.73	chr3	N/A	7	73	92.19	97.80
MAP2K3	134.79	184.64	0.73	chr17	17q11.2	83	1561	138.77	103.71
Hs.667576	32.11	43.99	0.73	chr3	N/A	2	22	16.93	28.06
LRRCS9	90.30	123.71	0.73	chr17	17q21.33	22	764	56.40	92.02
RGPD6	11.61	15.90	0.73	chr2	2q13	5	16	38.60	28.50
Hs.680108	6.07	8.31	0.73	chr2	N/A	1	304	0.00	69.86
Hs.471918	6.58	9.02	0.73	chr1	N/A	3	66	32.69	107.38
Hs.116142	10.19	13.96	0.73	chr21	N/A	8	377	92.52	125.09
Hs.663659	7.96	10.90	0.73	chr1	N/A	14	146	60.04	85.98
Hs.203514	27.17	37.23	0.73	chr20	N/A	7	73	56.30	60.93
LOC100506385	7.82	10.72	0.73	chr21	N/A	15	479	84.08	86.87
Hs.596922	12.83	17.59	0.73	chr9	N/A	3	66	87.68	80.85
SSX4B	13.59	18.63	0.73	chrX	Xp11.23	51	1056	100.28	226.11
SNTG1	9.85	13.50	0.73	chr8	8q11-q12	27	1138	107.48	87.10
BRD7	70.47	96.57	0.73	chr16	16q12	40	1230	77.67	82.85
RBM5	178.07	244.02	0.73	chr3	3p21.3	83	1731	129.69	139.46
Hs.274529	3.75	5.13	0.73	chr2	N/A	1	304	0.00	81.80
LRTOMT	51.63	70.76	0.73	chr11	11q13.4	57	862	206.08	214.60
Hs.594721	68.06	93.28	0.73	chr11	N/A	7	73	111.56	104.87
PPP1R1C	40.66	55.73	0.73	chr2	2q31.3	33	725	110.96	121.11
NTRK1	10.57	14.49	0.73	chr1	1q21-q22	44	557	93.14	200.81
Hs.634999	9.26	12.69	0.73	chr10	N/A	3	326	75.05	49.63
Hs.662570	6.08	8.34	0.73	chr4	N/A	12	747	33.47	84.73
AP5S1	51.85	71.08	0.73	chr20	20p13	28	530	80.80	53.12
SF3B14	167.71	229.91	0.73	chr2	2pter-p25.1	37	846	124.64	103.83
Hs.125514	7.76	10.64	0.73	chr14	N/A	7	73	66.10	87.71
MMP20	5.14	7.04	0.73	chr11	11q22.3	26	492	66.58	104.70
ZDBF2	22.69	31.11	0.73	chr2	2q33.3	28	575	86.79	115.64
TACR1	12.37	16.96	0.73	chr2	2p12	50	1711	80.24	88.26
Hs.540093	6.83	9.37	0.73	chr14	N/A	7	73	61.04	72.16
IL10RB	72.30	99.16	0.73	chr21	21q22.11	53	853	108.66	68.53
CD226	13.85	19.00	0.73	chr18	18q22.3	30	574	73.56	245.66
ELP5	80.88	110.93	0.73	chr17	17p13.1	45	910	91.34	109.30
VN1R3	7.51	10.30	0.73	chr16	16p11.2	13	384	44.73	68.25
Hs.652716	9.46	12.98	0.73	chr3	N/A	2	608	44.85	63.84
PRKD3	41.17	56.48	0.73	chr2	2p21	90	1947	143.83	110.91
DARS2	37.18	51.01	0.73	chr1	1q25.1	21	460	56.54	54.17
GSC	16.08	22.06	0.73	chr14	14q32.1	29	412	183.80	167.67
Hs.666735	6.73	9.24	0.73	chr1	N/A	2	22	8.37	68.08
TRIO	33.75	46.31	0.73	chr5	5p15.2	119	4161	135.39	97.17
TRIM7	30.85	42.33	0.73	chr5	5q35.3	58	1231	100.89	224.56
Hs.444291	12.87	17.66	0.73	chr2	N/A	15	450	74.01	89.03
Hs.659569	68.58	94.10	0.73	chr1	N/A	1	304	0.00	52.27
RFX6	8.98	12.33	0.73	chr6	6q22.1	22	384	98.79	162.22
ARHGDI3	21.64	29.70	0.73	chr16	16p13.3	26	889	79.47	101.60
ERG	22.47	30.84	0.73	chr21	21q22.3	80	1955	74.91	95.82
COLGALT2	30.10	41.31	0.73	chr1	1q25	47	1037	64.88	98.12
Hs.566306	11.12	15.26	0.73	chr5	N/A	6	66	64.66	93.54
DUSP13	61.52	84.45	0.73	chr10	10q22.2	37	527	83.34	209.09
CCL5	78.95	108.37	0.73	chr17	17q11.2-q12	50	1452	113.11	156.06
Hs.666424	7.83	10.74	0.73	chr4	N/A	7	73	93.74	112.45
RGL2	140.33	192.64	0.73	chr6	6p21.3	30	577	88.05	56.29
Hs.704021	45.69	62.73	0.73	chr1	N/A	11	12	31.17	32.65
Hs.603269	15.19	20.86	0.73	chr12	N/A	3	66	8.13	230.31
PRR26	11.31	15.53	0.73	chr10	10p15.3	5	608	98.01	89.04
FCER2	12.75	17.51	0.73	chr19	19p13.3	37	1026	97.98	188.35
FCRL2	21.94	30.12	0.73	chr1	1q21	41	1697	209.82	164.46
Hs.597139	46.20	63.44	0.73	chr17	N/A	20	101	110.07	83.71
Hs.555109	32.35	44.42	0.73	chr4	N/A	15	450	101.42	60.44
Hs.130612	6.04	8.29	0.73	chr7	N/A	11	377	64.54	96.50
Hs.658670	5.02	6.89	0.73	chr11	N/A	1	304	0.00	62.52
C16orf97	11.73	16.11	0.73	chr16	16q12.1	10	73	43.68	97.93
Hs.46730	17.88	24.56	0.73	chr4	N/A	8	377	79.56	106.13
Hs.21810	23.37	32.10	0.73	chr6	N/A	1	304	0.00	47.36

Hs.538765	5.62	7.73	0.73	chr11	N/A	7	73	25.43	79.28
PNPO	70.24	96.48	0.73	chr17	17q21.32	53	1011	135.16	76.02
Hs.98704	16.89	23.20	0.73	chr3	N/A	2	22	106.26	108.32
Hs.13291	261.07	358.64	0.73	chr4	N/A	7	73	159.10	114.73
Hs.661715	18.67	25.65	0.73	chr2	N/A	15	450	128.42	150.10
Hs.135673	8.74	12.01	0.73	chr1	N/A	14	146	95.00	80.70
GRM4	61.54	84.56	0.73	chr6	6p21.3	23	492	182.61	130.54
SYT3	23.66	32.51	0.73	chr19	19q13.33	21	444	66.64	104.42
Hs.745253	26.80	36.83	0.73	chr7	N/A	14	146	101.90	49.38
CCNO	24.69	33.92	0.73	chr5	5q11.2	40	599	263.71	87.33
Hs.144719	5.98	8.22	0.73	chr13	N/A	4	304	50.13	74.46
C5orf45	59.11	81.25	0.73	chr5	5q35.3	31	488	57.98	55.50
ZNF133	49.60	68.17	0.73	chr20	20p11.23	43	1016	65.93	41.40
Hs.734181	7.22	9.92	0.73	chr12	N/A	2	22	25.76	68.17
LOC100507639	10.49	14.41	0.73	chr4	N/A	10	28	32.46	58.76
B3GN1L1	18.21	25.03	0.73	chr17	17q25.3	35	985	87.62	69.10
ADAM2	9.62	13.23	0.73	chr8	8p11.2	23	492	133.05	343.22
GCC1	34.55	47.50	0.73	chr7	7q32.1	43	1235	70.74	87.36
MAGEA9B	16.02	22.02	0.73	chrX	Xq28	16	476	74.48	100.89
DUSP7	47.07	64.71	0.73	chr3	3p21	44	1059	136.61	146.11
Hs.602321	135.76	186.70	0.73	chr9	N/A	10	471	112.26	61.90
ZBTB49	36.52	50.23	0.73	chr4	4p16.3	28	509	258.86	130.37
Hs.413518	10.95	15.05	0.73	chr2	N/A	7	73	71.80	85.26
Hs.603181	21.79	29.96	0.73	chr10	N/A	8	377	91.23	47.93
Hs.666248	6.77	9.31	0.73	chr1	N/A	14	146	48.15	154.93
Hs.597857	13.71	18.85	0.73	chr1	N/A	10	28	189.38	50.78
PPHLN1	61.35	84.38	0.73	chr12	12q12	76	1911	97.98	123.83
MTMR7	11.61	15.97	0.73	chr8	8p22	34	1624	89.13	130.73
PPRC1	47.44	65.26	0.73	chr10	10q24.32	30	572	95.80	66.41
Hs.708603	55.86	76.85	0.73	chr9	N/A	7	73	37.65	55.21
ZBTB7A	56.95	78.35	0.73	chr19	19p13.3	73	2646	175.17	141.01
TLL1	7.37	10.14	0.73	chr4	4q32-q33	34	824	67.33	103.24
Hs.603966	7.04	9.68	0.73	chr1	N/A	3	66	42.40	75.53
PER1	95.43	131.30	0.73	chr17	17p13.1	51	1380	96.69	95.76
BRCA2	8.96	12.33	0.73	chr13	13q12.3	64	1282	102.31	101.26
C12orf68	25.82	35.52	0.73	chr12	12q13.11	27	409	93.41	69.41
Hs.149726	10.44	14.37	0.73	chr1	N/A	2	608	110.44	67.36
Hs.659811	9.31	12.81	0.73	chr1	N/A	7	73	40.28	77.54
SBDS	243.77	335.51	0.73	chr7	7q11.21	34	445	65.23	58.81
MED31	43.52	59.90	0.73	chr17	17p13.1	29	851	120.47	73.53
HOXC12	11.91	16.39	0.73	chr12	12q13.13	19	384	160.61	82.03
Hs.736630	4.78	6.58	0.73	chr5	N/A	8	12	23.87	58.13
OSBP	67.42	92.81	0.73	chr11	11q12-q13	53	1397	190.96	73.84
MIS12	57.81	79.58	0.73	chr17	17p13.2	35	604	89.99	72.47
UBE2J1	79.03	108.79	0.73	chr6	6q15	63	2637	199.53	133.22
NANOG	15.90	21.88	0.73	chr12	12p13.31	31	490	77.77	92.24
Hs.664607	10.28	14.15	0.73	chr1	N/A	10	139	58.46	89.16
LOC100505570	18.93	26.07	0.73	chr11	N/A	18	405	79.75	58.13
Hs.602763	11.12	15.31	0.73	chr6	N/A	7	73	91.93	93.50
RASGEF1C	22.61	31.13	0.73	chr5	5q35.3	32	469	166.71	161.20
Hs.602089	50.72	69.85	0.73	chr12	N/A	7	73	96.26	99.48
ARHGEF6	95.85	131.99	0.73	chrX	Xq26.3	50	628	187.73	100.83
S100A3	23.71	32.65	0.73	chr1	1q21	30	570	105.61	97.53
CGNL1	129.56	178.43	0.73	chr15	15q21.3	45	652	142.32	131.92
UFSP1	13.03	17.95	0.73	chr7	7q22.1	6	356	85.64	68.09
ZNF74	18.72	25.78	0.73	chr22	22q11.21	49	988	78.19	262.57
CLPTM1	94.51	130.15	0.73	chr19	19q13.3	49	1142	107.54	54.51
LRRRC33	25.42	35.02	0.73	chr3	3q29	21	405	103.74	105.11
JRKL	30.63	42.19	0.73	chr11	11q21	38	945	101.64	69.16
PCNXL3	22.72	31.30	0.73	chr11	11q13.1	35	505	83.31	92.44
GRM2	20.09	27.68	0.73	chr3	3p21.2	31	870	91.01	97.06
Hs.657047	9.15	12.61	0.73	chr1	N/A	2	608	89.20	75.85
Hs.598944	47.02	64.76	0.73	chr20	N/A	1	304	0.00	24.85
TCF4	175.20	241.33	0.73	chr18	18q21.1	163	4279	246.02	110.35
DENND1B	27.34	37.67	0.73	chr1	1q31.3	86	2287	121.78	87.50
Hs.662617	12.23	16.85	0.73	chr12	N/A	4	370	116.22	267.98
METTL20	18.63	25.67	0.73	chr12	12p11.21	34	1988	74.96	316.02
Hs.580531	5.75	7.92	0.73	chr2	N/A	10	73	61.07	94.39
ARFGEF1	75.95	104.65	0.73	chr8	8q13	66	1673	153.41	103.28
PF4	43.29	59.66	0.73	chr4	4q12-q21	38	591	156.43	257.07
CCDC67	6.73	9.27	0.73	chr11	11q21	41	1428	172.76	139.49
TYW3	53.50	73.74	0.73	chr1	1p31.1	44	473	64.95	43.39
Hs.117767	6.91	9.52	0.73	chr8	N/A	7	73	68.73	66.50
Hs.733737	8.12	11.19	0.73	chr6	N/A	7	73	64.11	81.06
Hs.657381	11.54	15.90	0.73	chr16	N/A	1	304	0.00	56.69
Hs.638142	70.80	97.59	0.73	chr17	N/A	2	608	81.36	119.94
GABPA	41.57	57.31	0.73	chr21	21q21.3	47	1018	145.84	124.28
ZNF43	40.25	55.50	0.73	chr19	19p13.1-p12	43	1048	224.59	81.07
CWF19L2	27.89	38.46	0.73	chr11	11q22.3	32	1389	61.59	90.99
SGCE	93.85	129.41	0.73	chr7	7q21.3	37	650	160.40	82.18
Hs.664164	12.46	17.18	0.73	chr16	N/A	8	377	98.60	151.79
Hs.666323	6.36	8.78	0.73	chr7	N/A	15	450	47.01	91.13
AP3B1	63.33	87.32	0.73	chr5	5q14.1	40	1048	78.62	80.64
NCOA3	60.54	83.48	0.73	chr20	20q12	108	2982	109.92	110.62
OSM	14.35	19.78	0.73	chr22	22q12.2	24	797	61.67	117.05
EHD3	43.11	59.44	0.73	chr2	2p21	43	997	124.23	170.59
POT1	36.25	49.99	0.73	chr7	7q31.33	53	1054	134.85	83.90
UGT3A1	18.46	25.46	0.73	chr5	5p13.2	57	1253	98.78	175.07
Hs.736247	25.20	34.76	0.73	chr8	N/A	5	420	49.04	48.57
DNAH2	16.83	23.21	0.72	chr17	17p13.1	43	957	91.05	139.10
ADAM11	23.27	32.10	0.72	chr17	17q21.3	48	975	102.27	105.98
Hs.130853	28.08	38.74	0.72	chr6	N/A	33	855	81.92	107.81
Hs.574448	6.74	9.30	0.72	chr18	N/A	7	73	30.08	100.96

AGPAT3	60.95	84.10	0.72	chr21	21q22.3	82	2397	112.20	92.48
CXCR2	22.25	30.71	0.72	chr2	2q35	44	688	131.83	185.49
Hs.660743	23.36	32.23	0.72	chr16	N/A	14	146	105.10	91.27
Hs.494977	177.64	245.12	0.72	chr9	N/A	7	73	98.34	74.28
Hs.656324	16.32	22.52	0.72	chr8	N/A	7	73	74.01	74.89
CHCHD1	99.38	137.14	0.72	chr10	10q22.2	41	518	93.90	58.57
ZNF391	11.87	16.38	0.72	chr6	6p22.1	12	1067	74.96	81.51
Hs.667213	32.00	44.15	0.72	chr15	N/A	3	66	37.06	81.63
Hs.657388	16.55	22.83	0.72	chr4	N/A	8	377	52.43	226.13
Hs.648542	9.79	13.51	0.72	chr16	N/A	13	139	81.15	158.22
NMNAT3	42.04	58.02	0.72	chr3	3q23	34	821	101.71	100.33
NUDT15	50.93	70.29	0.72	chr13	13q14.2	30	533	78.61	63.55
Hs.313142	4.25	5.87	0.72	chr8	N/A	4	304	60.59	56.19
Hs.137079	8.53	11.77	0.72	chr14	N/A	17	146	69.60	109.89
Hs.659775	18.44	25.45	0.72	chr4	N/A	3	66	62.37	62.34
Hs.156371	12.87	17.77	0.72	chr2	N/A	7	73	78.83	62.98
HES2	10.54	14.55	0.72	chr1	1p36.31	68	1418	88.34	118.36
Hs.441600	6.51	8.99	0.72	chr19	N/A	4	370	33.05	103.09
MEFV	33.48	46.21	0.72	chr16	16p13.3	24	457	81.30	253.97
Hs.656767	28.04	38.71	0.72	chr3	N/A	15	450	113.94	109.22
PATL1	61.72	85.20	0.72	chr11	11q12.1	36	1454	116.61	300.76
Hs.659502	26.70	36.86	0.72	chr11	N/A	1	304	0.00	44.19
HDHD2	125.08	172.68	0.72	chr18	18q21.1	32	594	81.51	66.61
Hs.731786	22.75	31.41	0.72	chr2	N/A	7	73	135.10	86.40
PPP2R5B	63.50	87.67	0.72	chr11	11q12	35	996	48.27	87.24
Hs.603199	17.60	24.31	0.72	chr21	N/A	2	22	43.18	44.73
OLFML2A	105.88	146.19	0.72	chr9	9q33.3	59	791	136.37	125.40
BBS10	23.98	33.12	0.72	chr12	12q21.2	28	488	46.77	75.76
MRPL27	138.29	190.95	0.72	chr17	17q21.3-q22	34	491	79.66	58.89
TMEM61	29.00	40.04	0.72	chr1	1p32.3	43	573	195.96	114.98
ZCCHC17	121.04	167.15	0.72	chr1	1p35.2	47	829	108.67	63.03
Hs.668437	7.71	10.64	0.72	chr1	N/A	4	304	21.57	44.94
Hs.541648	8.96	12.38	0.72	chr2	N/A	5	22	64.59	65.61
NAGPA	39.64	54.74	0.72	chr16	16p13.3	39	605	95.31	68.71
Hs.599799	11.31	15.63	0.72	chr7	N/A	7	73	51.15	73.03
TTC14	132.44	182.90	0.72	chr3	3q26.33	50	1008	213.55	94.63
LOC154872	7.27	10.05	0.72	chr7	7q31.33	11	377	63.26	62.43
TMEM133	25.37	35.04	0.72	chr11	11q22.1	24	411	80.49	78.63
TMEM52B	6.87	9.49	0.72	chr12	12p13.2	17	332	39.57	246.46
Hs.476663	27.06	37.37	0.72	chr11	N/A	7	73	101.24	63.03
GRB2	114.30	157.89	0.72	chr17	17q24-q25	85	1509	62.31	80.24
PSG1	16.10	22.25	0.72	chr19	19q13.2	54	1493	104.98	134.21
C11orf80	33.81	46.71	0.72	chr11	11q13.2	50	1064	184.55	125.53
DHRS7	91.10	125.86	0.72	chr14	14q23.1	43	1755	101.51	251.43
Hs.659655	22.23	30.72	0.72	chr5	N/A	7	73	66.47	134.07
Hs.687216	10.74	14.84	0.72	chr1	N/A	7	73	47.55	71.38
Hs.633911	8.12	11.22	0.72	chr6	N/A	7	73	51.42	154.53
LILRA5	15.38	21.25	0.72	chr19	19q13.4	44	1504	128.97	80.60
Hs.659971	15.22	21.03	0.72	chr12	N/A	18	405	62.77	83.03
Hs.551793	9.07	12.53	0.72	chr7	N/A	20	101	97.11	74.02
Hs.594362	13.08	18.08	0.72	chr5	N/A	7	73	68.68	72.77
Hs.656606	51.62	71.35	0.72	chr10	N/A	14	532	81.05	71.98
CCDC43	83.13	114.91	0.72	chr17	17q21.31	36	497	97.38	118.99
EPS8	128.71	177.92	0.72	chr12	12p12.3	30	577	101.13	90.92
Hs.713711	60.50	83.63	0.72	chr13	N/A	7	73	170.52	134.33
MKKS	76.54	105.80	0.72	chr20	20p12	59	1016	70.56	49.36
Hs.340557	9.99	13.81	0.72	chr10	N/A	5	608	64.85	99.24
LOC100507568	10.37	14.34	0.72	chr15	N/A	23	1013	145.37	85.31
Hs.659765	18.34	25.35	0.72	chr2	N/A	3	912	151.27	105.31
Hs.132323	7.53	10.41	0.72	chr6	N/A	2	22	15.94	59.05
SRP54	107.41	148.50	0.72	chr14	14q13.2	36	589	89.00	100.24
Hs.537885	5.92	8.19	0.72	chr1	N/A	7	73	58.52	102.29
SLC34A1	16.56	22.89	0.72	chr5	5q35	28	913	62.66	158.23
LOC157381	16.30	22.54	0.72	chr8	8q24.13	5	674	124.26	145.91
ADAL	25.02	34.60	0.72	chr15	15q15.3	45	708	55.24	54.86
Hs.121925	15.61	21.60	0.72	chr2	N/A	7	73	90.32	80.72
Hs.660465	69.49	96.11	0.72	chr1	N/A	7	73	58.56	89.71
SELT	114.60	158.51	0.72	chr3	3q25.1	46	988	97.39	82.67
Hs.634970	33.99	47.01	0.72	chr5	N/A	7	73	30.37	56.39
KHDC3L	10.76	14.88	0.72	chr6	6q13	6	356	93.03	71.15
Hs.48729	18.53	25.64	0.72	chr6	N/A	19	389	90.93	69.91
Hs.604179	6.50	8.99	0.72	chr22	N/A	2	22	0.56	79.96
Hs.667750	8.13	11.24	0.72	chr5	N/A	10	840	49.96	92.36
Hs.659096	21.19	29.32	0.72	chr9	N/A	8	377	94.68	60.74
DNAJC9	53.22	73.63	0.72	chr10	10q22.2	26	843	75.49	99.12
LOC415056	11.83	16.37	0.72	chr9	9p13	14	658	222.97	91.33
LOC100505710	28.28	39.13	0.72	chr3	N/A	1	304	0.00	42.96
ADAMTSL3	31.10	43.03	0.72	chr15	15q25.2	57	1057	102.23	90.46
CCSAP	21.02	29.08	0.72	chr1	1q42.13	66	1575	121.51	125.00
ZNF229	11.24	15.56	0.72	chr19	19q13.31	44	817	152.60	117.35
CACUL1	47.00	65.06	0.72	chr10	10q26.11	105	2162	161.52	135.73
LOC100507424	48.54	67.20	0.72	chr12	N/A	9	503	103.39	62.27
SMIM12	78.67	108.90	0.72	chr1	1p34.3	45	822	127.76	90.30
HSDL1	45.19	62.56	0.72	chr16	16q23.3	31	479	67.35	52.69
IL1B	53.82	74.51	0.72	chr2	2q14	62	1248	445.25	361.67
PRPF6	74.09	102.57	0.72	chr20	20q13.33	42	1070	104.17	87.74
Hs.128599	6.53	9.05	0.72	chr1	N/A	8	51	81.57	69.42
LBX2-AS1	64.20	88.89	0.72	chr2	2p13.1	13	28	57.72	77.83
ISL2	22.79	31.55	0.72	chr15	15q23	28	512	140.17	267.67
INTS6-AS1	12.10	16.75	0.72	chr13	N/A	15	636	67.14	69.22
BRCC3	39.36	54.49	0.72	chrX	Xq28	45	1594	90.45	81.64
LOC285419	6.33	8.76	0.72	chr4	4q28.1	8	379	70.20	93.61
Hs.120340	8.76	12.13	0.72	chr16	N/A	7	73	57.68	94.51

DCTD	111.97	155.07	0.72	chr4	4q35.1	69	1630	150.59	83.38
Hs.545503	14.02	19.41	0.72	chr8	N/A	6	66	76.47	118.94
LOC149373	47.38	65.62	0.72	chr1	1q42.2	24	360	54.16	49.20
Hs.538997	11.31	15.67	0.72	chr11	N/A	7	73	51.13	62.97
RPS21	937.48	1,298.50	0.72	chr20	20q13.3	54	1137	117.92	111.38
SERTAD3	50.14	69.45	0.72	chr19	19q13.2	27	465	92.51	50.16
Hs.720493	6.38	8.84	0.72	chr3	N/A	3	326	27.92	71.79
Hs.132461	6.88	9.54	0.72	chr9	N/A	7	73	69.99	83.79
Hs.606130	48.31	66.93	0.72	chr6	N/A	7	73	37.58	60.24
Hs.661083	19.50	27.01	0.72	chr13	N/A	1	304	0.00	53.15
Hs.147740	7.64	10.58	0.72	chr2	N/A	2	22	47.86	83.74
TMEM80	48.26	66.87	0.72	chr11	11p15.5	56	1296	68.45	54.16
SKA1	9.54	13.22	0.72	chr18	18q21.1	43	603	109.05	136.82
RUVBL1	35.10	48.64	0.72	chr3	3q21	70	779	107.50	66.55
Hs.146952	7.15	9.91	0.72	chr2	N/A	7	73	58.92	104.58
Hs.744394	9.24	12.80	0.72	chr9	N/A	8	377	58.65	167.78
TMEM243	124.94	173.15	0.72	chr7	7q21.12	37	645	127.30	128.63
Hs.721355	34.69	48.07	0.72	chrX	N/A	10	28	38.75	76.29
FEZ2	151.75	210.32	0.72	chr2	2p21	53	1462	123.72	130.37
Hs.543749	8.51	11.80	0.72	chr4	N/A	5	22	64.19	103.25
Hs.555257	6.84	9.49	0.72	chrX	N/A	12	879	39.82	68.20
CDIP1	51.14	70.89	0.72	chr16	16p13.3	34	891	153.43	82.09
CDRT1	11.82	16.39	0.72	chr17	17p12	41	1761	71.70	74.56
Hs.634086	21.45	29.74	0.72	chr1	N/A	1	304	0.00	51.35
GPC4	39.47	54.73	0.72	chrX	Xq26.1	35	989	86.64	89.07
ST7-OT4	6.17	8.55	0.72	chr7	7q31.2	13	399	65.27	82.48
HS3ST3B1	20.05	27.80	0.72	chr17	17p12	55	1038	139.07	159.06
EXOC2	31.74	44.00	0.72	chr6	6p25.3	60	1125	142.89	79.13
AFMID	17.55	24.33	0.72	chr17	17q25.3	32	420	98.47	77.34
SNHG16	235.60	326.70	0.72	chr17	N/A	26	814	152.71	79.38
OR10H3	30.53	42.34	0.72	chr19	19p13.1	23	502	107.59	92.63
Hs.714891	317.22	439.96	0.72	chr4	N/A	7	73	67.73	60.94
OR8H1	12.94	17.94	0.72	chr11	11q12.1	16	28	63.11	80.34
TMEM39A	41.88	58.09	0.72	chr3	3q13.33	58	1684	119.44	66.62
LOC100287704	18.19	25.23	0.72	chr7	7q11.21	12	636	43.66	106.70
ZNF891	5.88	8.16	0.72	chr12	12q24.33	1	304	0.00	87.08
ZNF845	39.45	54.73	0.72	chr19	19q13.42	20	58	45.22	35.72
WDR73	50.93	70.64	0.72	chr15	15q25.2	41	904	58.23	77.51
Hs.545814	8.31	11.52	0.72	chr9	N/A	2	22	1.53	79.77
TSGA13	24.12	33.46	0.72	chr7	7q32	21	418	157.30	126.68
DIO2-AS1	18.77	26.04	0.72	chr14	N/A	1	304	0.00	44.90
C3orf20	28.42	39.43	0.72	chr3	3p25.1	19	388	131.42	127.71
DPY19L4	39.54	54.86	0.72	chr8	8q22.1	53	1377	87.98	91.16
ZNF695	8.59	11.92	0.72	chr1	1q44	20	484	37.83	73.28
Hs.611748	19.07	26.47	0.72	chr3	N/A	11	332	14.59	58.37
KIAA0040	41.32	57.34	0.72	chr1	1q24-q25	44	1018	120.41	97.64
Hs.50571	22.27	30.91	0.72	chr5	N/A	17	146	156.37	88.63
SMAD5-AS1	16.38	22.74	0.72	chr5	5q31.1	20	515	79.09	65.36
Hs.667620	20.68	28.70	0.72	chr17	N/A	3	66	59.01	144.60
Hs.99011	9.74	13.52	0.72	chr10	N/A	17	146	98.63	89.58
Hs.662596	18.46	25.63	0.72	chr10	N/A	7	73	41.63	52.79
C19orf67	9.70	13.47	0.72	chr19	19p13.12	2	16	21.62	93.86
Hs.666774	9.86	13.68	0.72	chr1	N/A	7	73	72.06	64.45
FOXJ3	8.39	11.65	0.72	chr2	2p11.2	2	16	25.90	17.23
Hs.180758	2.84	3.95	0.72	chr10	N/A	1	304	0.00	85.00
TNFRSF6B	39.25	54.50	0.72	chr20	20q13.3	27	475	60.69	59.03
Hs.708149	310.89	431.62	0.72	chr1	N/A	1	304	0.00	52.10
TOB1-AS1	12.36	17.16	0.72	chr17	17q21.33	25	490	66.23	73.90
Hs.648871	14.47	20.09	0.72	chr7	N/A	23	610	85.17	95.04
INPP4A	36.36	50.48	0.72	chr2	2q11.2	102	3080	153.41	289.98
GSK3B	63.68	88.43	0.72	chr3	3q13.3	57	1419	134.42	140.76
RBM33	29.24	40.61	0.72	chr7	7q36.3	68	2473	105.60	151.57
KATNAL2	16.07	22.31	0.72	chr18	18q21.1	38	1099	113.57	114.04
UBR4	64.48	89.55	0.72	chr1	1p36.13	74	2165	117.93	168.50
Hs.129174	9.74	13.52	0.72	chr2	N/A	7	73	64.39	69.58
LOC283214	5.06	7.03	0.72	chr11	11q13.5	1	304	0.00	62.02
FTSJD2	65.09	90.40	0.72	chr6	6p21.2	44	718	89.21	68.29
NNMT	173.88	241.49	0.72	chr11	11q23.1	36	1301	79.49	248.71
RPE	56.68	78.72	0.72	chr2	2q32-q33.3	52	883	180.03	110.15
RPS20	2,317.79	3,218.98	0.72	chr8	8q12	49	1155	79.34	60.45
Hs.723245	33.76	46.89	0.72	chr3	N/A	29	594	199.11	69.13
Hs.634857	9.63	13.38	0.72	chr11	N/A	14	146	90.15	90.58
CFTR	10.39	14.43	0.72	chr7	7q31.2	77	2669	66.66	279.00
TCIRG1	62.71	87.10	0.72	chr11	11q13.2	36	577	61.40	95.09
SH3GL2	37.49	52.07	0.72	chr9	9p22	30	569	112.20	167.86
Hs.658380	16.41	22.80	0.72	chr7	N/A	5	51	68.99	72.45
Hs.143292	19.16	26.61	0.72	chr15	N/A	20	101	76.74	141.90
Hs.600897	79.87	110.96	0.72	chr3	N/A	7	73	81.96	77.40
Hs.586129	7.27	10.10	0.72	chr4	N/A	7	73	45.58	92.69
Hs.680514	15.18	21.09	0.72	chr16	N/A	1	304	0.00	44.68
Hs.130187	6.09	8.47	0.72	chr6	N/A	5	51	59.02	73.49
Hs.666692	5.77	8.02	0.72	chr6	N/A	7	73	65.44	62.14
DIRC3	9.88	13.73	0.72	chr2	2q35	14	377	72.89	144.48
C12orf45	71.95	100.00	0.72	chr12	12q23.3	26	469	105.04	92.39
Hs.657232	12.14	16.87	0.72	chrX	N/A	18	405	74.53	81.63
LEMD3	89.34	124.17	0.72	chr12	12q14	42	684	152.42	82.49
C11orf88	16.79	23.34	0.72	chr11	11q23.1	27	360	122.46	172.53
TSPAN2	20.38	28.32	0.72	chr1	1p13.2	45	1205	153.54	163.99
Hs.602859	6.59	9.16	0.72	chr10	N/A	7	73	25.49	67.87
Hs.606520	9.65	13.42	0.72	chr21	N/A	1	304	0.00	65.87
UTY	24.78	34.45	0.72	chrY	Yq11	63	1510	144.95	95.64
LOC100131756	10.67	14.83	0.72	chr1	1p34.2	11	332	46.55	50.83
SLC9C2	8.22	11.42	0.72	chr1	1q25.1	30	731	57.29	89.95

LSS	70.27	97.69	0.72	chr21	21q22.3	96	1632	89.34	128.55
Hs.537636	8.14	11.31	0.72	chr1	N/A	3	66	65.41	62.87
IGHMBP2	67.72	94.15	0.72	chr11	11q13.3	41	1351	138.82	133.92
Hs.696093	100.94	140.34	0.72	chr1	N/A	1	304	0.00	27.45
LOC646762	44.56	61.95	0.72	chr7	7p14.3	12	681	105.46	47.65
COL20A1	19.60	27.25	0.72	chr20	20q13.33	43	945	77.63	107.68
HEATR6	32.09	44.62	0.72	chr17	17q23.1	33	953	68.50	60.83
Hs.656958	22.23	30.92	0.72	chr18	N/A	26	782	133.90	110.09
Hs.603174	7.09	9.86	0.72	chr1	N/A	3	66	68.74	93.98
EIF2S2	121.95	169.61	0.72	chr20	20q11.2	59	1116	166.61	108.73
NPLOC4	79.01	109.88	0.72	chr17	17qter	41	627	85.31	65.91
Hs.603608	10.40	14.46	0.72	chr20	N/A	15	450	42.43	64.07
SLC45A2	16.77	23.33	0.72	chr5	5p13.2	49	1021	81.85	85.03
SNRPD3	193.95	269.80	0.72	chr22	22q11.23	44	723	103.52	71.55
LOC100507224	6.99	9.72	0.72	chr3	N/A	8	377	54.45	61.23
Hs.505821	10.86	15.11	0.72	chr22	N/A	4	306	40.18	41.66
Hs.298284	9.87	13.73	0.72	chr1	N/A	10	73	125.97	189.50
Hs.713949	67.64	94.10	0.72	chr16	N/A	1	304	0.00	69.34
DNAJB12	55.63	77.39	0.72	chr10	10q22.1	91	2051	62.88	78.16
APEX1	225.26	313.41	0.72	chr14	14q11.2	43	605	97.64	64.64
Hs.659837	9.23	12.84	0.72	chr12	N/A	7	73	61.82	86.60
GPR108	97.93	136.27	0.72	chr19	19p13.3	15	445	138.91	54.60
PCDH11X	12.76	17.76	0.72	chrX	Xq21.3	60	1099	78.89	361.12
ANKRD6	27.58	38.38	0.72	chr6	6q14.2-q16.1	52	1081	113.40	76.80
Hs.659624	67.77	94.30	0.72	chr10	N/A	2	22	70.22	50.72
KCTD5	38.89	54.12	0.72	chr16	16p13.3	47	1285	131.51	83.10
LINC00271	7.68	10.69	0.72	chr6	6q23.3	8	377	71.08	98.91
Hs.594162	82.34	114.60	0.72	chr7	N/A	7	73	54.89	52.55
C6orf48	228.05	317.41	0.72	chr6	6p21.3	28	769	69.27	96.07
Hs.595245	138.65	193.01	0.72	chr17	N/A	34	1462	139.82	82.25
WDR77	70.40	98.01	0.72	chr1	1p13.2	28	919	61.40	50.30
RXFP2	12.47	17.36	0.72	chr13	13q13.1	23	488	79.44	91.61
Hs.634982	19.73	27.46	0.72	chr12	N/A	7	73	48.83	69.50
NUDT21	69.52	96.79	0.72	chr16	16q12.2	70	1553	136.96	158.65
Hs.608463	7.12	9.91	0.72	chr1	N/A	1	304	0.00	143.51
SOS1	50.15	69.83	0.72	chr2	2p21	87	2421	357.98	89.88
STARD8	54.20	75.47	0.72	chrX	Xq13.1	23	497	59.45	54.45
Hs.132481	9.37	13.04	0.72	chr13	N/A	10	73	50.59	72.94
FLT4	18.31	25.50	0.72	chr5	5q35.3	63	1283	106.65	78.01
LECT1	23.56	32.82	0.72	chr13	13q14.3	33	566	95.98	73.79
SPAG1	20.64	28.74	0.72	chr8	8q22.2	49	600	112.69	118.65
FAM90A1	8.93	12.43	0.72	chr12	12p13.31	31	476	85.18	71.90
CCDC137	32.04	44.63	0.72	chr17	17q25.3	30	539	90.62	68.21
INSL5	10.34	14.40	0.72	chr1	1p31.3	21	453	45.16	71.94
Hs.594723	38.48	53.60	0.72	chr13	N/A	7	73	79.32	77.67
RBBP9	17.40	24.24	0.72	chr20	20p11.2	41	1518	139.51	107.67
SLC37A2	32.42	45.16	0.72	chr11	11q24.2	21	406	152.81	97.46
DOK1	44.33	61.76	0.72	chr2	2p13	49	1100	97.45	90.23
SNAPC5	68.22	95.02	0.72	chr15	15q22.31	56	1357	93.62	80.71
Hs.666210	6.63	9.23	0.72	chr7	N/A	7	73	55.70	73.03
IFNB1	5.97	8.32	0.72	chr9	9p21	23	492	53.51	65.55
C11orf45	13.10	18.25	0.72	chr11	11q24.3	17	332	77.89	56.11
HIST1H3H	12.76	17.77	0.72	chr6	6p22.1	21	456	58.63	83.58
Hs.676018	13.20	18.39	0.72	chr13	N/A	1	304	0.00	122.89
APOL3	84.41	117.60	0.72	chr22	22q13.1	44	565	73.23	78.28
Hs.662429	17.85	24.87	0.72	chr15	N/A	1	304	0.00	57.94
Hs.180284	35.53	49.50	0.72	chr1	N/A	17	405	80.57	114.69
Hs.667228	11.16	15.55	0.72	chr1	N/A	3	66	56.79	50.14
CXorf56	22.03	30.70	0.72	chrX	Xq23	32	792	68.31	54.99
FCRL4	8.63	12.02	0.72	chr1	1q21	55	1194	107.48	131.71
Hs.603242	8.19	11.42	0.72	chr12	N/A	2	22	36.80	94.08
ZNF571	12.68	17.67	0.72	chr19	19q13.12	24	459	55.25	73.65
Hs.666578	10.04	13.99	0.72	chr13	N/A	7	95	82.14	70.78
RAB34	126.66	176.53	0.72	chr17	17q11.2	27	773	76.71	75.21
Hs.530171	85.60	119.32	0.72	chr8	N/A	7	82	90.38	50.79
UBR7	77.20	107.60	0.72	chr14	14q32.12	44	560	115.38	50.40
Hs.147326	6.09	8.50	0.72	chr19	N/A	3	66	7.19	73.97
Hs.635311	11.50	16.04	0.72	chr19	N/A	7	73	56.21	77.25
CCNB1IP1	122.22	170.40	0.72	chr14	14q11.2	30	465	74.93	58.41
GEMIN8	25.89	36.09	0.72	chrX	Xp22.2	43	1222	76.89	74.49
PEX16	65.20	90.92	0.72	chr11	11p11.2	42	1356	129.84	95.60
DENND6B	26.04	36.31	0.72	chr22	22q13.33	42	1209	96.31	83.57
TESPA1	16.65	23.22	0.72	chr12	12q13.2	11	744	56.29	97.69
Hs.618444	6.17	8.60	0.72	chr10	N/A	10	28	20.89	47.66
FAM219B	68.99	96.21	0.72	chr15	15q24.1	30	1073	131.30	108.61
Hs.594896	16.42	22.90	0.72	chr6	N/A	18	405	182.65	90.87
Hs.174508	8.77	12.24	0.72	chr14	N/A	6	326	23.22	63.84
SPOCD1	15.96	22.26	0.72	chr1	1p35.2	37	801	100.36	93.34
HTR7	13.12	18.29	0.72	chr10	10q21-q24	41	1328	88.15	127.25
Hs.444361	7.54	10.52	0.72	chr4	N/A	7	73	47.73	84.81
MBD3L2	7.57	10.56	0.72	chr19	19p13.2	14	335	87.36	55.90
FAM98A	60.57	84.49	0.72	chr2	2p22.3	49	1281	97.70	104.54
THOC6	25.51	35.58	0.72	chr16	16p13.3	21	452	112.29	52.07
LOC100133299	14.58	20.34	0.72	chr5	5p15.2	10	28	33.68	25.35
B4GALT4	37.57	52.41	0.72	chr3	3q13.3	38	997	58.19	68.08
Hs.597413	14.88	20.76	0.72	chr2	N/A	15	450	79.68	67.76
PVRL1	29.03	40.50	0.72	chr11	11q23.3	70	1842	128.38	154.22
Hs.661543	14.04	19.58	0.72	chr2	N/A	7	73	85.27	100.81
RBMX2	41.88	58.43	0.72	chrX	Xq26.1	40	999	53.69	46.10
RPL36A	538.64	751.49	0.72	chrX	Xq22.1	72	1452	115.89	132.05
Hs.598380	10.38	14.48	0.72	chr15	N/A	3	66	55.59	121.90
Hs.563634	58.32	81.37	0.72	chr9	N/A	10	73	91.39	77.85
IPP	28.63	39.94	0.72	chr1	1p34-p32	28	1132	56.40	76.65

ZMYND12	49.37	68.88	0.72	chr1	1p34.2	19	395	133.08	158.94
Hs.665033	7.80	10.88	0.72	chr3	N/A	3	326	55.00	66.96
Hs.660547	7.77	10.84	0.72	chr2	N/A	3	66	64.38	104.40
Hs.536928	11.36	15.85	0.72	chr8	N/A	5	22	96.37	107.67
Hs.195389	26.05	36.36	0.72	chr19	N/A	4	304	24.07	51.96
Hs.661570	22.20	30.98	0.72	chr3	N/A	1	304	0.00	46.69
Hs.127054	56.52	78.88	0.72	chr8	N/A	7	73	54.53	48.73
SEPHS1	55.70	77.73	0.72	chr10	10p14	81	1692	94.40	67.71
ZNF418	35.43	49.45	0.72	chr19	19q13.43	29	463	50.20	47.69
NUP35	59.37	82.87	0.72	chr2	2q32.1	36	542	144.41	56.03
PRKCH	58.10	81.09	0.72	chr14	14q23.1	55	1110	92.57	92.65
DIS3	32.29	45.07	0.72	chr13	13q22.1	59	1308	144.15	82.82
SUSD2	45.62	63.68	0.72	chr22	22q11-q12	32	794	99.91	177.24
Hs.610264	23.25	32.46	0.72	chr11	N/A	4	370	92.83	102.74
Hs.615161	38.93	54.34	0.72	chr5	N/A	10	28	41.54	78.85
Hs.563138	11.52	16.09	0.72	chr3	N/A	10	73	109.32	91.77
Hs.147493	7.58	10.58	0.72	chr18	N/A	2	22	1.00	90.29
PARG	34.94	48.78	0.72	chr10	10q11.23	32	616	114.36	63.72
TTL8	20.94	29.24	0.72	chr22	22q13.33	15	116	39.96	76.76
Hs.668195	9.55	13.34	0.72	chr15	N/A	7	73	70.72	75.64
CXXC11	17.80	24.86	0.72	chr2	2q37.3	19	387	53.16	102.45
LOC100505633	14.93	20.86	0.72	chr1	1q21-q23	15	702	61.13	91.33
NCOA6	98.50	137.58	0.72	chr20	20q11	27	550	77.76	45.19
CRELD2	200.35	279.86	0.72	chr22	22q13.33	21	460	48.90	52.68
Hs.540651	10.00	13.97	0.72	chr16	N/A	6	66	53.02	81.75
GPR61	18.73	26.17	0.72	chr1	1p13.3	21	436	182.04	146.94
TMEM75	7.56	10.56	0.72	chr8	8q24.21	14	332	49.48	70.30
Hs.571424	5.56	7.77	0.72	chr8	N/A	17	101	42.10	75.45
RAX	12.28	17.16	0.72	chr18	18q21.32	21	455	93.41	94.39
Hs.128030	7.91	11.05	0.72	chr5	N/A	5	22	31.48	64.91
IFNA6	11.48	16.04	0.72	chr9	9p22	23	492	102.60	72.88
Hs.436721	9.23	12.89	0.72	chr1	N/A	1	304	0.00	76.73
ZNF34	24.58	34.35	0.72	chr8	8q24.3	28	533	64.57	46.74
STIM1	75.45	105.43	0.72	chr11	11p15.5	40	656	149.65	117.04
PFN1	724.04	1,011.80	0.72	chr17	17p13.3	50	678	198.65	127.87
CAPS2	11.39	15.92	0.72	chr12	12q14.1	30	716	67.21	110.82
TOR3A	64.09	89.57	0.72	chr1	1q25.2	49	898	78.25	62.97
Hs.600391	18.14	25.34	0.72	chr19	N/A	2	608	94.24	80.26
Hs.666269	12.63	17.65	0.72	chr18	N/A	10	393	77.97	130.29
PTPRO	418.60	585.05	0.72	chr12	12p13-p12	56	1415	335.94	198.22
USP18	26.88	37.57	0.72	chr22	22q11.21	51	618	81.35	81.32
D2HGDH	77.28	108.01	0.72	chr2	2q37.3	39	497	80.50	76.33
NTSDC3	30.68	42.88	0.72	chr12	12q22-q23.1	35	792	117.59	62.06
TTC5	46.45	64.93	0.72	chr14	14q11.2	26	465	93.79	47.86
Hs.659491	20.36	28.46	0.72	chr15	N/A	1	304	0.00	48.55
ATXN7L1	22.00	30.75	0.72	chr7	7q22.3	105	2223	170.25	111.79
RPF2	69.02	96.48	0.72	chr6	6q21	30	573	87.25	65.58
Hs.679491	9.85	13.77	0.72	chr2	N/A	1	304	0.00	86.66
LILRB4	24.42	34.14	0.72	chr19	19q13.4	33	577	62.24	78.74
LOC100270804	24.35	34.05	0.72	chr20	20p11.23	1	304	0.00	34.33
LOC340515	10.83	15.14	0.72	chr9	9q22.2	5	22	97.86	109.70
LOC100130155	8.06	11.28	0.72	chr8	8q12.3	16	944	34.19	95.24
CYP2U1	43.79	61.22	0.72	chr4	4q25	53	1142	108.54	136.79
Hs.665636	6.46	9.04	0.72	chr15	N/A	7	73	40.73	65.78
Hs.122940	14.85	20.77	0.72	chr3	N/A	20	101	102.35	56.75
TNFSF11	11.87	16.60	0.72	chr13	13q14	48	1053	122.27	191.32
ANKMY2	97.43	136.26	0.72	chr7	7p21	30	572	91.55	53.04
RBMX	162.35	227.05	0.72	chrX	Xq26.3	86	1455	157.56	100.35
SULT1C3	129.49	181.11	0.71	chr2	2q12.3	10	104	198.32	96.13
HINT3	45.54	63.70	0.71	chr6	6q22.32	31	1076	168.09	125.08
Hs.572436	10.28	14.38	0.71	chr17	N/A	2	22	68.52	77.70
Hs.601514	9.82	13.74	0.71	chr1	N/A	7	73	62.87	93.58
TXK	13.33	18.65	0.71	chr4	4p12	43	680	120.43	123.84
MR1	25.71	35.97	0.71	chr1	1q25.3	94	2892	202.51	76.33
Hs.602968	7.61	10.64	0.71	chr15	N/A	7	73	77.03	91.46
ZFP42	7.03	9.83	0.71	chr4	4q35.2	21	992	55.56	85.86
Hs.600998	20.81	29.12	0.71	chr7	N/A	1	304	0.00	66.30
Hs.653392	14.86	20.78	0.71	chr5	N/A	7	73	53.39	56.35
FERMT1	38.68	54.11	0.71	chr20	20p12.3	54	1617	234.86	134.88
Hs.539084	7.67	10.73	0.71	chr11	N/A	10	73	84.55	221.65
KRTAP13-4	38.37	53.69	0.71	chr21	21q22.1	16	28	71.25	96.83
DUSP22	101.33	141.82	0.71	chr6	6p25.3	76	1105	179.97	71.23
Hs.599990	8.84	12.37	0.71	chr21	N/A	5	51	37.38	68.25
LHX4	15.86	22.20	0.71	chr1	1q25.2	23	755	161.17	150.53
CT45A3	10.40	14.55	0.71	chrX	Xq26.3	4	304	50.64	327.52
MBTPS2	35.52	49.72	0.71	chrX	Xp22.12-p22.1	55	1281	150.77	106.56
FECH	44.09	61.72	0.71	chr18	18q21.3	81	1704	100.43	154.27
LOC100506641	8.83	12.37	0.71	chrX	N/A	6	66	60.49	101.08
CCDC150	10.37	14.52	0.71	chr2	2q33.1	72	1322	81.68	95.76
Hs.660284	8.44	11.82	0.71	chr2	N/A	7	73	52.39	64.07
FETUB	13.32	18.65	0.71	chr3	3q27	58	1633	109.39	254.50
ZNF398	45.51	63.71	0.71	chr7	7q36.1	31	1055	135.65	93.75
Hs.571565	10.29	14.41	0.71	chr9	N/A	21	219	52.89	84.23
CABLES1	53.89	75.46	0.71	chr18	18q11.2	21	1004	129.33	126.48
LOC284600	12.73	17.82	0.71	chr1	1p36.33	11	338	27.78	58.77
GAS2L3	27.97	39.16	0.71	chr12	12q23.1	60	655	364.73	255.13
UBA5	58.74	82.26	0.71	chr3	3q22.1	36	1141	67.55	48.47
ARHGEF11	39.56	55.41	0.71	chr1	1q21	52	1313	122.06	73.66
RBM12	67.89	95.08	0.71	chr20	20q11.21	50	727	105.42	76.56
G3BP2	74.40	104.20	0.71	chr4	4q21.1	81	1597	240.74	109.06
RBMS2	32.79	45.92	0.71	chr12	12q13.3	63	2454	81.23	134.11
CCDC160	5.59	7.84	0.71	chrX	Xq26.2	1	314	0.00	104.82
Hs.733890	45.65	63.94	0.71	chr20	N/A	7	73	84.47	73.85

Hs.656107	4.83	6.76	0.71	chr21	N/A	2	22	2.33	71.57
CDH24	47.40	66.40	0.71	chr14	14q11.2	60	958	205.60	161.45
C10orf95	12.87	18.03	0.71	chr10	10q24.32	21	467	75.19	99.87
Hs.652621	10.02	14.04	0.71	chr10	N/A	7	73	56.68	96.34
Hs.30026	21.53	30.16	0.71	chr1	N/A	10	985	89.15	80.56
Hs.665662	4.42	6.20	0.71	chr11	N/A	1	304	0.00	64.23
SPCS1	398.30	558.00	0.71	chr3	3p21.1	28	533	97.85	54.29
PHLDB3	25.34	35.49	0.71	chr19	19q13.31	30	1152	148.82	125.23
Hs.545338	7.09	9.93	0.71	chr8	N/A	10	73	54.22	83.74
Hs.566457	45.52	63.78	0.71	chr6	N/A	7	73	36.80	45.22
Hs.662733	14.09	19.73	0.71	chr4	N/A	7	73	98.51	76.07
Hs.662463	10.75	15.07	0.71	chr18	N/A	7	73	50.09	100.66
SMARCAL1	35.45	49.67	0.71	chr2	2q35	28	538	82.86	65.56
GRXCR1	6.55	9.18	0.71	chr4	4p13	5	16	62.28	50.44
Hs.696333	18.23	25.55	0.71	chr2	N/A	10	28	45.71	72.35
KIAA1919	22.15	31.04	0.71	chr6	6q22	38	692	105.36	65.34
Hs.635700	5.22	7.32	0.71	chr18	N/A	1	304	0.00	72.98
TMEM194B	17.77	24.89	0.71	chr2	2q32.2	18	516	74.26	60.85
Hs.545889	14.92	20.91	0.71	chr9	N/A	3	66	89.47	123.36
Hs.551332	16.50	23.13	0.71	chr7	N/A	1	304	0.00	65.08
Hs.656257	18.17	25.46	0.71	chr5	N/A	8	377	92.59	108.05
MYBPH	17.74	24.86	0.71	chr1	1q32.1	30	572	95.51	184.00
USP42	32.88	46.09	0.71	chr7	7p22.1	62	1946	115.71	98.13
Hs.720819	25.96	36.38	0.71	chr10	N/A	8	377	66.98	53.48
Hs.127090	15.26	21.39	0.71	chr9	N/A	5	22	65.90	53.33
Hs.571592	11.54	16.17	0.71	chr9	N/A	3	66	33.65	76.83
CYP1B1	155.02	217.34	0.71	chr2	2p22.2	56	1602	137.47	168.35
GRB10	73.13	102.52	0.71	chr7	7p12.2	59	1445	56.95	75.36
Hs.211973	16.82	23.59	0.71	chr9	N/A	11	697	103.78	77.80
RHAG	23.24	32.58	0.71	chr6	6p12.3	54	1552	161.31	199.24
Hs.527684	12.29	17.23	0.71	chr10	N/A	4	304	63.47	61.57
Hs.634868	19.39	27.18	0.71	chr19	N/A	7	73	33.73	77.27
MFS11	75.37	105.69	0.71	chr17	17q25	29	837	37.60	48.08
Hs.675463	10.51	14.73	0.71	chr19	N/A	10	38	15.31	60.34
Hs.664014	249.57	349.97	0.71	chrX	N/A	7	73	44.97	48.30
PPP2CB	255.97	358.98	0.71	chr8	8p12	51	1025	104.96	125.26
Hs.702102	257.99	361.83	0.71	chr17	N/A	1	304	0.00	44.56
IFNA7	21.07	29.56	0.71	chr9	9p22	14	425	81.21	90.97
Hs.133299	10.13	14.20	0.71	chr7	N/A	14	146	53.81	72.01
Hs.559113	7.37	10.33	0.71	chr1	N/A	8	377	45.64	79.43
SRSF12	13.99	19.62	0.71	chr6	6q15	42	818	84.84	109.14
PYGO2	62.90	88.26	0.71	chr1	1q21.3	27	773	73.61	82.58
EZH1	64.67	90.74	0.71	chr17	17q21.1-q21.3	54	2137	145.45	112.85
CDK11B	84.12	118.03	0.71	chr1	1p36.33	73	751	76.39	92.72
TEX28	9.07	12.73	0.71	chrX	Xq28	20	492	91.16	92.24
TEX2	99.15	139.16	0.71	chr17	17q23.3	42	679	113.41	78.58
TCF3	36.41	51.10	0.71	chr19	19p13.3	112	5689	99.32	100.83
MAPK8	45.77	64.24	0.71	chr10	10q11.22	75	1655	179.97	141.92
Hs.143235	9.29	13.04	0.71	chr1	N/A	6	66	32.83	97.51
IPO8	81.18	113.95	0.71	chr12	12p11.21	49	1014	205.49	142.55
ZNF454	12.26	17.20	0.71	chr5	5q35.3	18	92	81.52	67.19
DACH1	26.91	37.78	0.71	chr13	13q22	63	1532	129.62	107.07
Hs.660569	63.53	89.18	0.71	chr14	N/A	7	73	54.66	66.59
Hs.485241	12.73	17.87	0.71	chr6	N/A	4	304	27.17	41.04
PTBP1	175.45	246.37	0.71	chr19	19p13.3	61	3589	175.85	89.72
ZNF544	40.23	56.50	0.71	chr19	19q13.43	67	1086	69.67	71.36
LOC731424	18.06	25.37	0.71	chr4	N/A	1	309	0.00	46.60
DIO3OS	20.79	29.20	0.71	chr14	14q32.31	30	1053	72.85	91.21
Hs.661579	9.78	13.73	0.71	chr3	N/A	7	73	61.18	78.16
Hs.667470	10.26	14.41	0.71	chr14	N/A	3	66	40.59	77.54
RASSF2	115.27	161.93	0.71	chr20	20p13	51	644	460.48	154.71
LPPR1	16.77	23.56	0.71	chr9	9q31.1	45	863	152.29	149.04
ALX4	13.08	18.37	0.71	chr11	11p11.2	28	531	65.52	64.01
Hs.156992	8.03	11.28	0.71	chr6	N/A	7	73	53.08	127.59
Hs.733631	18.60	26.14	0.71	chr11	N/A	7	73	51.94	64.23
ABCB9	21.49	30.19	0.71	chr12	12q24	57	1380	103.17	70.56
TADA2A	19.20	26.98	0.71	chr17	17q12-q21	60	1164	106.99	91.66
MTAP	19.38	27.23	0.71	chr9	9p21	85	2763	150.52	153.91
Hs.588355	12.88	18.10	0.71	chr7	N/A	8	12	22.15	34.34
NACC2	52.52	73.82	0.71	chr9	9q34.3	48	1032	157.08	149.35
MESDC1	93.29	131.13	0.71	chr15	15q13	26	469	109.48	58.19
Hs.674033	10.38	14.58	0.71	chr2	N/A	1	304	0.00	69.28
FXR1	90.65	127.43	0.71	chr3	3q28	90	2289	146.80	144.19
Hs.603359	13.12	18.44	0.71	chr5	N/A	2	22	63.31	84.31
Hs.604431	6.28	8.82	0.71	chr13	N/A	7	73	38.96	113.84
SNAPC4	39.35	55.32	0.71	chr9	9q34.3	50	1075	101.63	94.29
Hs.570880	6.42	9.02	0.71	chr5	N/A	10	73	64.21	96.19
LIN28A	13.24	18.62	0.71	chr1	1p36.11	21	448	71.69	100.29
SPATA5	13.09	18.40	0.71	chr4	4q28.1	46	1413	67.78	78.21
LOC100506465	6.73	9.46	0.71	chr12	N/A	12	636	111.18	63.21
Hs.668955	10.54	14.82	0.71	chr5	N/A	1	304	0.00	59.30
DLX4	18.61	26.16	0.71	chr17	17q21.33	48	1061	87.34	97.49
Hs.549834	6.05	8.51	0.71	chr11	N/A	1	304	0.00	96.92
Hs.122812	7.28	10.24	0.71	chr15	N/A	4	304	26.50	62.69
Hs.602322	75.76	106.53	0.71	chr15	N/A	7	51	98.32	56.93
FCER1A	22.19	31.20	0.71	chr1	1q23	31	864	98.10	116.51
SLC46A1	35.82	50.37	0.71	chr17	17q11.2	52	1605	104.63	79.85
TMEM186	37.14	52.23	0.71	chr16	16p13.2	30	572	59.39	52.82
RASL12	80.33	112.99	0.71	chr15	15q11.2-q22.3	36	541	84.40	88.16
MS4A12	13.90	19.56	0.71	chr11	11q12	21	448	82.10	310.15
GPR63	12.48	17.55	0.71	chr6	6q16.1-q16.3	24	453	49.86	47.27
Hs.661729	9.19	12.92	0.71	chr11	N/A	1	304	0.00	89.05
RIN1	43.89	61.74	0.71	chr11	11q13.2	34	655	90.82	78.42

LINC00309	8.94	12.57	0.71	chr2	2p15	18	437	83.23	142.88
Hs.664290	46.29	65.13	0.71	chr16	N/A	1	304	0.00	75.18
VPS26B	70.80	99.60	0.71	chr11	11q25	54	932	133.74	143.63
Hs.603335	67.15	94.48	0.71	chr17	N/A	7	73	42.47	47.22
Hs.665975	27.88	39.22	0.71	chr14	N/A	14	146	89.31	85.69
PIP5K2	44.99	63.31	0.71	chr5	5q21.1	118	691	54.41	66.57
WDR93	27.37	38.52	0.71	chr15	15q26.1	24	405	92.31	59.69
RNASEH2A	44.02	61.96	0.71	chr19	19p13.2	30	572	66.75	58.95
Hs.732445	6.34	8.93	0.71	chr5	N/A	1	304	0.00	72.40
RAD50	32.50	45.75	0.71	chr5	5q31	154	1354	141.85	69.25
RBM19	29.00	40.81	0.71	chr12	12q24.21	61	1099	111.99	66.72
CYTH2	47.79	67.27	0.71	chr19	19q13.33	45	1224	101.24	70.25
Hs.635132	10.52	14.82	0.71	chr18	N/A	7	73	54.47	88.05
Hs.666438	9.42	13.26	0.71	chr16	N/A	14	146	41.11	98.02
PEPD	85.77	120.75	0.71	chr19	19q13.11	48	796	134.34	119.36
Hs.598840	15.57	21.91	0.71	chr17	N/A	10	28	167.88	46.49
NR1I3	14.90	20.98	0.71	chr1	1q23.3	40	889	114.02	170.64
Hs.733389	16.72	23.54	0.71	chr14	N/A	8	377	41.71	70.46
ZNF646	37.89	53.35	0.71	chr16	16p11.2	42	640	54.72	149.96
Hs.663088	4.62	6.51	0.71	chr13	N/A	10	28	42.96	33.52
MKL1	25.99	36.59	0.71	chr22	22q13	55	2432	84.90	77.63
OR11H6	73.32	103.25	0.71	chr14	14q11.2	5	52	115.84	58.87
ETV5	39.86	56.14	0.71	chr3	3q28	55	2077	142.18	100.59
Hs.736015	23.98	33.77	0.71	chr20	N/A	1	304	0.00	39.39
Hs.734188	9.65	13.59	0.71	chr2	N/A	7	73	66.27	195.52
Hs.133050	8.50	11.98	0.71	chr2	N/A	17	146	40.80	99.03
PBOV1	15.98	22.51	0.71	chr6	6q23.3	25	758	72.65	468.34
Hs.720281	13.53	19.05	0.71	chr7	N/A	2	22	29.64	74.02
ABCC5	72.79	102.56	0.71	chr3	3q27	75	1161	116.06	70.99
SNX1	73.22	103.17	0.71	chr15	15q22.31	64	2022	100.61	89.63
TROAP	40.65	57.28	0.71	chr12	12q13.12	31	869	80.47	84.73
ZBTB25	20.77	29.27	0.71	chr14	14q23-q24	35	631	76.86	95.64
Hs.191911	300.62	423.65	0.71	chr1	N/A	6	355	164.27	74.34
PARP15	8.26	11.64	0.71	chr3	3q21.1	15	648	56.67	123.82
FLJ30375	8.94	12.59	0.71	chr3	3q24	4	306	30.73	119.23
C6orf147	5.97	8.42	0.71	chr6	6q13	1	304	0.00	72.95
Hs.547430	9.68	13.64	0.71	chr14	N/A	10	73	71.89	125.65
POLR2G	193.35	272.55	0.71	chr11	11q13.1	30	589	47.68	47.47
LOC100129931	163.13	229.95	0.71	chr4	4p16.1	7	73	54.71	54.52
RNF215	23.62	33.30	0.71	chr22	22q12.2	26	412	87.98	73.74
Hs.368928	9.99	14.09	0.71	chr14	N/A	7	73	51.92	202.99
Hs.132550	8.02	11.31	0.71	chr6	N/A	3	66	87.94	72.05
Hs.613963	9.78	13.79	0.71	chr7	N/A	1	304	0.00	61.59
Hs.510140	6.96	9.81	0.71	chr6	N/A	7	73	76.73	78.25
Hs.129501	9.44	13.30	0.71	chr7	N/A	7	73	75.97	70.60
Hs.622013	12.86	18.13	0.71	chr15	N/A	7	73	66.45	67.08
GNRHR	11.54	16.27	0.71	chr4	4q21.2	43	1360	123.39	166.83
COG4	154.11	217.31	0.71	chr16	16q22.1	37	645	139.68	206.24
SDAD1	58.08	81.90	0.71	chr4	4q21.1	43	1522	120.14	79.51
Hs.733781	13.26	18.70	0.71	chr10	N/A	3	66	92.63	77.35
TSNARE1	32.96	46.48	0.71	chr8	8q24.3	42	810	82.47	842.22
YPEL1	34.67	48.90	0.71	chr22	22q11.2	49	1290	55.94	230.42
TMEM234	25.06	35.35	0.71	chr1	1p36.11-p34.2	44	1113	78.08	90.55
SLC45A1	17.18	24.24	0.71	chr1	1p36.23	24	447	114.15	77.51
Hs.665665	10.12	14.27	0.71	chr18	N/A	3	326	52.83	65.02
Hs.622978	5.58	7.88	0.71	chr15	N/A	10	28	162.07	100.23
HIGD2B	13.90	19.61	0.71	chr15	15q24.1	10	116	141.81	79.27
Hs.551684	7.22	10.18	0.71	chr16	N/A	7	73	70.85	91.95
OR4X1	98.93	139.56	0.71	chr11	11p11.2	8	52	191.96	93.89
KLHL12	56.51	79.71	0.71	chr1	1q32.1	52	898	109.31	73.31
BCCL7A	36.47	51.45	0.71	chr12	12q24.13	75	1199	138.56	68.18
NLRP5	15.72	22.18	0.71	chr19	19q13.43	19	385	91.75	62.71
CASC3	178.32	251.55	0.71	chr17	17q21.1	47	628	68.69	66.10
Hs.304298	18.33	25.86	0.71	chrX	N/A	17	146	105.91	74.47
FAM53C	84.48	119.17	0.71	chr5	5q31	51	712	100.68	73.14
ZNF597	10.45	14.75	0.71	chr16	16p13.3	29	434	90.48	76.31
Hs.149838	5.53	7.79	0.71	chr5	N/A	7	73	53.88	96.07
S1PR3	30.21	42.63	0.71	chr9	9q22.1-q22.2	67	1474	150.21	146.59
ITFG2	31.67	44.69	0.71	chr12	12p13.33	51	1355	149.52	74.41
Hs.680750	13.13	18.53	0.71	chr6	N/A	1	304	0.00	52.96
DNAL1	27.41	38.68	0.71	chr14	14q24.3	38	1150	102.79	88.47
MBD2	56.07	79.12	0.71	chr18	18q21	74	2004	125.63	180.62
WFD3	31.86	44.96	0.71	chr20	20q13.12	23	341	82.46	161.32
ARID5B	65.69	92.70	0.71	chr10	10q21.2	103	2309	143.87	194.67
LOC100507600	11.78	16.62	0.71	chr2	N/A	1	304	0.00	80.60
C8orf33	50.76	71.64	0.71	chr8	8q24.3	52	893	131.55	76.52
Hs.602806	63.69	89.89	0.71	chr12	N/A	7	73	127.38	52.72
ACSF3	25.91	36.58	0.71	chr16	16q24.3	37	789	61.63	68.84
TNS1	240.17	339.04	0.71	chr2	2q35-q36	85	2380	196.66	164.17
LOC646778	17.00	24.00	0.71	chr18	18q12.1	16	985	78.35	66.03
POM121C	247.82	349.89	0.71	chr7	7q11.2	5	420	21.68	27.74
Hs.743967	112.58	158.95	0.71	chr6	N/A	27	986	99.86	73.97
Hs.370719	3.84	5.42	0.71	chr16	N/A	8	12	16.00	32.60
CHST12	53.47	75.50	0.71	chr7	7p22	29	842	66.81	56.87
PRKR1	99.06	139.87	0.71	chr11	11q13.5	50	678	66.23	59.46
SNRPA1	89.66	126.60	0.71	chr15	15q26.3	38	1721	118.87	102.38
SPAG17	27.63	39.01	0.71	chr1	1p12	50	694	327.19	175.63
SAR1A	97.07	137.07	0.71	chr10	10q22.1	52	1479	89.17	109.87
SLC15A4	67.89	95.86	0.71	chr12	12q24.32	53	1229	91.68	104.34
SH3GLB2	54.66	77.19	0.71	chr9	9q34	40	1177	243.85	71.92
Hs.658775	24.39	34.44	0.71	chr11	N/A	3	66	80.75	63.84
MGAT4A	32.07	45.29	0.71	chr2	2q12	80	1961	77.09	136.99
BMP15	20.09	28.38	0.71	chrX	Xp11.2	21	453	115.94	105.13

ATXN3	22.45	31.71	0.71	chr14	14q21	101	3133	110.96	89.12
SLC7A4	23.65	33.41	0.71	chr22	22q11.21	33	968	98.13	89.89
RMI2	55.40	78.25	0.71	chr16	16p13.13	26	465	211.26	138.81
EFNB2	97.30	137.44	0.71	chr13	13q33	61	1203	125.06	89.73
ABHD2	70.80	100.01	0.71	chr15	15q26.1	128	2741	205.33	193.76
SIAH3	7.59	10.72	0.71	chr13	13q14.13	27	396	100.38	157.85
NOP2	77.27	109.14	0.71	chr12	12p13	36	577	154.39	51.32
HLA-E	630.84	891.13	0.71	chr6	6p21.3	58	1451	73.85	90.44
ACOT6	6.61	9.34	0.71	chr14	14q24.3	13	429	51.34	90.06
COX15	44.53	62.91	0.71	chr10	10q24	87	2274	118.52	122.36
COMP	61.80	87.32	0.71	chr19	19p13.1	51	756	95.75	751.41
UBQLN2	128.38	181.39	0.71	chrX	Xp11.21	44	723	146.86	70.24
Hs.604429	52.33	73.93	0.71	chr9	N/A	7	73	112.79	61.19
Hs.131490	4.24	5.99	0.71	chr6	N/A	8	377	32.25	164.77
IGFBP5	245.69	347.18	0.71	chr2	2q33-q36	98	2968	189.54	223.80
CCP110	47.06	66.50	0.71	chr16	16p12.3	41	904	127.87	110.01
NARF	82.39	116.43	0.71	chr17	17q25.3	38	623	76.98	84.98
C11orf54	85.30	120.56	0.71	chr11	11q21	41	1105	74.13	136.48
Hs.732791	28.17	39.83	0.71	chr19	N/A	5	420	54.65	71.98
SZT2	27.87	39.41	0.71	chr1	1p34.2	73	1656	72.10	73.57
CTXN1	23.40	33.08	0.71	chr19	19p13.2	34	445	121.53	91.23
CYP4F11	10.53	14.90	0.71	chr19	19p13.1	40	599	106.17	182.67
Hs.58552	4.07	5.76	0.71	chr6	N/A	8	389	47.72	92.88
HLA-F	366.91	518.87	0.71	chr6	6p21.3	76	1703	110.07	115.29
Hs.433460	20.64	29.20	0.71	chr16	N/A	16	754	131.43	115.15
PRELID1	149.63	211.62	0.71	chr5	5q35.3	40	813	152.00	102.82
Hs.715990	9.82	13.89	0.71	chr3	N/A	1	304	0.00	59.26
SLC6A13	55.81	78.93	0.71	chr12	12p13.3	55	1054	159.66	208.07
TM6SF1	36.22	51.24	0.71	chr15	15q24-q26	21	457	71.24	62.47
FGF19	11.55	16.33	0.71	chr11	11q13.1	29	415	58.26	92.98
LOC100507077	12.25	17.34	0.71	chr11	N/A	4	304	79.59	47.77
ZFP62	65.54	92.71	0.71	chr5	5q35.3	21	406	172.05	48.34
Hs.740758	85.52	120.99	0.71	chr19	N/A	10	73	95.05	55.55
Hs.656658	33.79	47.80	0.71	chr9	N/A	7	73	131.38	103.14
Hs.49787	4.51	6.38	0.71	chr2	N/A	4	370	21.84	92.19
NFX1	41.51	58.74	0.71	chr9	9p13.3	62	2043	87.53	77.61
Hs.513323	12.62	17.86	0.71	chr1	N/A	10	73	41.23	123.17
NCAPD3	50.33	71.22	0.71	chr11	11q25	34	647	113.14	146.24
Hs.699535	142.29	201.37	0.71	chr9	N/A	7	73	168.21	68.94
SPZ1	7.86	11.12	0.71	chr5	5q14.1	26	457	109.04	418.53
NP1PL3	228.42	323.26	0.71	chr16	16p12.2	53	1644	221.10	148.19
Hs.602432	39.57	56.00	0.71	chr1	N/A	1	304	0.00	54.32
HSPA1B	617.53	874.03	0.71	chr6	6p21.3	13	476	115.43	94.61
SLC8A2	24.59	34.80	0.71	chr19	19q13.3	33	515	201.05	128.11
Hs.745452	8.06	11.41	0.71	chr16	N/A	7	12	23.46	27.72
CBFA2T3	28.62	40.51	0.71	chr16	16q24	29	501	78.26	94.53
UBN1	71.69	101.49	0.71	chr16	16p13.3	54	1170	144.13	89.96
Hs.597790	7.17	10.16	0.71	chr5	N/A	2	22	54.36	48.50
Hs.585201	10.16	14.38	0.71	chr8	N/A	1	304	0.00	52.30
TRAIP	16.94	23.98	0.71	chr3	3p21.31	30	573	83.99	88.35
Hs.610691	11.53	16.33	0.71	chr12	N/A	4	304	58.11	54.27
CRAMP1L	31.80	45.03	0.71	chr16	16p13.3	53	969	93.24	109.63
FGF16	15.26	21.61	0.71	chrX	Xq13	21	454	73.66	67.43
FBXO11	59.12	83.72	0.71	chr2	2p16.3	76	1792	153.90	135.56
COL6A6	21.02	29.77	0.71	chr3	3q22.1	11	337	39.83	145.28
E1F2B3	70.56	99.92	0.71	chr1	1p34.1	18	465	93.44	51.02
PCDHA@	17.91	25.36	0.71	chr5	5q31	266	5586	388.91	179.17
MAP3K9	33.25	47.09	0.71	chr14	14q24.2	30	946	91.05	70.44
HDX	13.38	18.94	0.71	chrX	Xq21.1	22	387	87.57	132.34
Hs.661718	13.33	18.88	0.71	chr22	N/A	1	304	0.00	51.53
Hs.666355	15.46	21.89	0.71	chr22	N/A	3	66	20.70	95.80
Hs.538653	5.86	8.30	0.71	chr10	N/A	5	22	31.04	67.23
Hs.658971	12.56	17.79	0.71	chr11	N/A	7	73	115.39	188.35
BAI1	17.80	25.22	0.71	chr8	8q24.3	39	569	82.58	94.49
LOC100506530	7.58	10.73	0.71	chr15	N/A	11	377	66.97	66.83
Hs.368518	60.08	85.09	0.71	chr18	N/A	26	129	206.35	90.01
PLCXD1	45.11	63.90	0.71	chrX	Xp22.33; Yp11	43	971	312.95	100.60
Hs.657800	24.34	34.48	0.71	chr8	N/A	8	377	53.46	94.24
PTTG1IP	287.74	407.59	0.71	chr21	21q22.3	65	763	126.13	74.32
PHGDH	106.47	150.83	0.71	chr1	1p12	25	526	111.67	80.82
Hs.732722	8.07	11.43	0.71	chr5	N/A	21	219	65.10	95.86
Hs.701059	270.83	383.67	0.71	chr7	N/A	7	73	72.16	124.45
APCDD1	123.32	174.70	0.71	chr18	18p11.22	29	535	79.66	127.77
STK3	30.24	42.84	0.71	chr8	8q22.2	52	1172	124.66	114.49
PIGU	63.15	89.47	0.71	chr20	20q11.22	38	561	170.81	69.72
Hs.600506	19.40	27.48	0.71	chr3	N/A	7	73	56.80	64.05
Hs.12381	9.57	13.56	0.71	chr12	N/A	2	22	2.02	100.36
TDRD3	30.30	42.93	0.71	chr13	13q21.2	43	1368	148.09	75.15
Hs.319924	32.00	45.35	0.71	chr11	N/A	2	608	108.61	72.33
COPRS	295.07	418.12	0.71	chr17	17q11.2	36	497	108.65	155.80
HYAL3	20.87	29.58	0.71	chr3	3p21.3	60	1149	75.92	95.58
Hs.714451	52.62	74.57	0.71	chr6	N/A	25	521	127.06	99.70
OR1A1	10.74	15.23	0.71	chr17	17p13.3	21	465	48.10	56.30
PIP5K1C	91.92	130.28	0.71	chr19	19p13.3	40	600	103.58	65.17
OR6M1	23.39	33.15	0.71	chr11	11q24.1	15	80	52.69	60.83
ARHGAP35	47.77	67.72	0.71	chr19	19q13.3	110	2458	191.63	140.08
Hs.734602	11.37	16.11	0.71	chr1	N/A	1	304	0.00	85.16
CDC14B	35.92	50.93	0.71	chr9	9q22.3	98	3228	112.53	95.34
Hs.720247	9.91	14.05	0.71	chr12	N/A	8	377	29.03	59.12
Hs.659695	43.94	62.30	0.71	chr3	N/A	4	370	77.41	58.75
Hs.597771	9.77	13.85	0.71	chr13	N/A	7	73	79.47	84.57
Hs.371598	4.85	6.87	0.71	chr15	N/A	13	28	77.80	47.34
PHF10	114.29	162.10	0.71	chr6	Xq28	46	893	132.68	67.43

VASH2	15.23	21.60	0.71	chr1	1q32.3	39	1218	73.18	85.06
Hs.657218	8.57	12.16	0.71	chr5	N/A	7	73	161.89	87.29
Hs.673119	3.41	4.84	0.71	chr1	N/A	11	332	21.50	86.27
SMARCD1	55.68	78.99	0.70	chr12	12q13-q14	50	1055	145.53	78.81
PSMD13	107.57	152.62	0.70	chr11	11p15.5	50	1121	175.47	121.54
Hs.559119	7.23	10.26	0.70	chr1	N/A	1	304	0.00	73.39
ARIH2OS	11.17	15.84	0.70	chr3	3p21.31	18	405	56.06	83.18
LOC283692	4.30	6.10	0.70	chr15	15q25.1	1	304	0.00	42.58
LOC100128239	11.57	16.42	0.70	chr11	11q25	21	409	111.29	99.28
Hs.564345	22.09	31.35	0.70	chr12	N/A	10	73	88.59	63.57
MBD6	72.41	102.76	0.70	chr12	N/A	29	780	105.55	124.23
OR8D2	26.53	37.65	0.70	chr11	11q24.2	19	384	97.95	88.30
Hs.12535	8.70	12.35	0.70	chr19	N/A	10	73	96.01	78.81
HSPC081	29.67	42.12	0.70	chr1	1q23.2	10	30	39.81	70.49
Hs.601878	8.25	11.71	0.70	chr13	N/A	2	22	40.53	52.00
Hs.734144	6.25	8.88	0.70	chr22	N/A	7	73	59.93	72.37
Hs.726213	10.31	14.63	0.70	chr8	N/A	7	73	123.27	92.05
Hs.544589	61.11	86.75	0.70	chr6	N/A	7	73	123.42	127.85
FAM86B2	47.73	67.76	0.70	chr8	8p23.1	2	16	14.52	34.68
Hs.587384	6.51	9.24	0.70	chr6	N/A	2	39	9.56	29.94
Hs.552288	7.29	10.35	0.70	chr9	N/A	7	73	50.21	116.17
Hs.553988	14.33	20.34	0.70	chrX	N/A	1	304	0.00	45.59
LYRM4	54.69	77.64	0.70	chr6	6p25.1	69	949	65.10	57.81
PRRX1	103.06	146.32	0.70	chr1	1q24	34	873	181.69	143.36
WDSUB1	33.95	48.20	0.70	chr2	2q24.2	31	490	91.01	50.99
FLJ41327	12.50	17.75	0.70	chr2	2q37.3	5	22	48.78	62.60
NARS	348.78	495.27	0.70	chr18	18q21.31	35	628	99.65	61.45
LINC00460	11.25	15.97	0.70	chr13	13q33.3	2	612	3.40	54.88
SGMS2	29.48	41.86	0.70	chr4	4q25	21	1005	129.74	113.37
HY1	73.83	104.85	0.70	chr1	1p34.2	43	1157	85.50	47.27
CDC6	12.58	17.87	0.70	chr17	17q21.3	37	1028	95.64	76.34
Hs.634757	40.20	57.09	0.70	chr2	N/A	5	51	54.02	49.86
Hs.173727	23.50	33.38	0.70	chr11	N/A	4	304	63.86	34.44
ENTPD8	7.37	10.47	0.70	chr9	9q34.3	22	28	56.30	67.58
ANO6	105.46	149.82	0.70	chr12	12q12	57	1065	127.30	177.72
PRR5L	19.94	28.33	0.70	chr11	11p13-p12	58	1691	150.14	123.09
Hs.667539	12.85	18.25	0.70	chr15	N/A	7	73	47.33	67.40
Hs.720365	10.03	14.24	0.70	chr3	N/A	10	28	33.89	80.33
CENPB1	30.53	43.39	0.70	chr16	16q24.3	45	1189	138.55	90.47
TMED10	240.24	341.37	0.70	chr14	14q24.3	66	1564	93.94	91.79
TDRD6	27.66	39.31	0.70	chr6	6p12.3	28	519	109.36	136.80
LDHA	853.17	1,212.38	0.70	chr11	11p15.4	50	633	117.10	72.79
CALM1	474.73	674.63	0.70	chr14	14q32.11	93	2922	154.07	108.98
Hs.657035	6.45	9.17	0.70	chr2	N/A	1	304	0.00	78.06
Hs.658846	13.18	18.73	0.70	chr11	N/A	5	51	60.38	133.19
PRMT2	67.49	95.92	0.70	chr21	21q22.3	107	2408	124.82	70.37
Hs.661932	8.81	12.52	0.70	chr14	N/A	1	304	0.00	64.46
Hs.742283	11.01	15.65	0.70	chr1	N/A	10	28	26.21	52.12
SLC39A4	40.91	58.15	0.70	chr8	8q24.3	44	561	122.22	123.45
ZNF260	36.44	51.80	0.70	chr19	19q13.12	14	734	53.04	63.23
Hs.559605	6.08	8.64	0.70	chr1	N/A	10	73	47.52	101.65
KIAA1984	22.35	31.78	0.70	chr9	9q34.3	25	144	43.91	83.11
Hs.326357	10.20	14.50	0.70	chr20	N/A	10	73	80.26	78.80
MTF2	51.81	73.67	0.70	chr1	1p22.1	71	2500	166.16	92.30
NGLY1	67.50	95.98	0.70	chr3	3p24.2	36	896	92.66	99.96
Hs.657330	32.26	45.87	0.70	chr8	N/A	8	377	121.81	78.34
SMNDC1	85.06	120.97	0.70	chr10	10q23	30	577	71.30	60.11
FGF4	11.04	15.70	0.70	chr11	11q13.3	21	412	86.85	57.85
MIRGPRF	79.91	113.65	0.70	chr11	11q13.3	38	540	116.73	151.51
FAM218A	9.72	13.82	0.70	chr4	4q32.3	25	710	80.32	87.32
PHTF2	23.10	32.86	0.70	chr7	7q11.23-q21	97	2438	113.56	159.90
SMO	39.36	55.99	0.70	chr7	7q32.3	37	679	63.32	66.83
KRI1	38.04	54.10	0.70	chr19	19p13.2	25	764	55.66	64.65
Hs.707006	50.04	71.18	0.70	chr10	N/A	8	377	64.65	66.73
Hs.121853	6.53	9.30	0.70	chr5	N/A	7	73	47.98	84.08
Hs.658259	14.27	20.30	0.70	chr7	N/A	14	146	102.60	71.90
LOC648691	10.36	14.74	0.70	chr22	N/A	4	304	47.50	50.54
RAB31L1	79.11	112.55	0.70	chr11	11q12.2	28	526	151.95	84.08
SUMO1	134.28	191.05	0.70	chr2	2q33	72	1689	152.33	97.65
Hs.594851	20.55	29.24	0.70	chr2	N/A	8	377	100.64	82.61
C17orf80	36.19	51.50	0.70	chr17	17q25.1	42	1193	86.79	91.06
MARCO	44.56	63.42	0.70	chr2	2q14.2	30	573	87.16	197.79
SREBF1	82.72	117.72	0.70	chr17	17p11.2	61	1055	133.36	141.57
MAP2K2	76.71	109.17	0.70	chr19	19p13.3	63	1663	133.85	135.14
Hs.733304	9.21	13.10	0.70	chr7	N/A	2	22	46.58	101.67
Hs.551931	10.13	14.42	0.70	chr14	N/A	7	73	47.70	76.90
LINC00592	15.94	22.68	0.70	chr12	12q13.13	1	304	0.00	76.07
NAP1L1	359.15	511.18	0.70	chr12	12q21.2	122	3333	209.96	125.25
ANGEL2	39.44	56.14	0.70	chr1	1q32.3	76	1651	115.81	124.22
Hs.585046	448.20	637.99	0.70	chr2	N/A	8	12	15.09	9.88
CHORDC1	81.55	116.09	0.70	chr11	11q14.3	57	779	150.66	90.23
Hs.666361	6.35	9.04	0.70	chr2	N/A	1	304	0.00	65.64
Hs.668182	12.23	17.42	0.70	chr21	N/A	2	22	31.60	75.31
TENM3	18.00	25.63	0.70	chr4	4q35.1	100	1552	149.67	105.79
LOC100506319	15.37	21.88	0.70	chr3	N/A	8	377	99.66	96.98
Hs.573784	8.26	11.77	0.70	chr1	N/A	7	73	46.99	79.70
LGALS9	67.22	95.73	0.70	chr17	17q11.2	43	627	106.60	93.91
RSL1D1	66.65	94.92	0.70	chr16	16p13.13	93	1709	93.74	89.62
Hs.649389	73.52	104.70	0.70	chr11	N/A	7	73	70.76	87.56
Hs.702981	74.40	105.96	0.70	chr1	N/A	7	73	49.85	62.51
PLEKHA5	103.75	147.77	0.70	chr12	12p12	67	1457	196.73	107.99
Hs.702522	23.29	33.17	0.70	chr14	N/A	8	377	33.73	52.58
TINF2	130.31	185.61	0.70	chr14	14q12	33	1158	92.77	60.87

Hs.445035	38.13	54.31	0.70	chr11	N/A	2	22	45.92	135.40
Hs.658828	22.72	32.37	0.70	chr10	N/A	1	304	0.00	65.18
Hs.599804	82.62	117.69	0.70	chr6	N/A	7	73	90.19	85.70
SNAP23	57.30	81.64	0.70	chr15	15q14	53	1830	165.46	126.81
Hs.655986	12.30	17.52	0.70	chr1	N/A	7	73	151.27	92.65
Hs.666746	14.35	20.45	0.70	chr15	N/A	2	22	103.41	69.51
CXCR3	17.22	24.53	0.70	chrX	Xq13	32	1022	61.34	136.17
CXorf23	21.48	30.61	0.70	chrX	Xp22.12	35	473	176.72	79.50
GNPDA2	41.62	59.30	0.70	chr4	4p12	48	589	88.01	63.37
ARHGAP12	45.04	64.18	0.70	chr10	10p11.22	46	801	80.48	80.19
Hs.661696	12.89	18.37	0.70	chr1	N/A	1	304	0.00	52.64
PSG5	11.47	16.34	0.70	chr19	19q13.2	47	689	95.27	98.05
YPEL2	48.01	68.42	0.70	chr17	17q22	66	1957	140.88	128.94
Hs.523698	11.67	16.63	0.70	chr11	N/A	2	22	42.32	49.28
TMUB1	71.79	102.30	0.70	chr7	7q36.1	38	549	86.65	95.93
PAX5	19.35	27.58	0.70	chr9	9p13	38	566	147.68	154.65
Hs.733994	97.53	139.01	0.70	chr4	N/A	7	73	62.42	53.61
FAM9A	6.28	8.96	0.70	chrX	Xp22.32	17	336	86.84	75.37
Hs.732826	75.86	108.12	0.70	chr6	N/A	7	73	45.34	64.87
Hs.209000	25.01	35.65	0.70	chr20	N/A	17	101	60.73	95.64
KCNH1	6.76	9.64	0.70	chr1	1q32.2	31	531	51.05	68.47
Hs.669602	22.23	31.69	0.70	chr1	N/A	2	39	45.98	38.97
Hs.664745	24.66	35.15	0.70	chrX	N/A	7	73	68.58	61.14
GAL	32.50	46.34	0.70	chr11	11q13.3	35	987	92.75	305.43
Hs.122514	83.98	119.74	0.70	chr8	N/A	1	304	0.00	223.16
POM121	63.08	89.94	0.70	chr7	7q11.23	94	1160	141.79	94.65
Hs.58429	8.50	12.12	0.70	chr8	N/A	21	405	99.93	66.77
Hs.197597	15.14	21.60	0.70	chr8	N/A	4	304	45.34	58.18
LOC100127940	6.31	9.01	0.70	chr7	7p22.3	4	304	12.76	77.81
TTC39A	22.25	31.73	0.70	chr1	1p32.3	49	1479	93.18	402.61
Hs.668156	12.00	17.11	0.70	chr1	N/A	2	22	53.06	47.72
PHF20L1	39.39	56.18	0.70	chr8	8q24.22	111	2919	100.19	91.11
Hs.670039	19.79	28.23	0.70	chr3	N/A	8	377	32.24	52.33
LOC101059948	8.13	11.59	0.70	chr19	N/A	4	304	55.93	47.59
CPNE3	136.30	194.43	0.70	chr8	8q21.3	52	1098	173.25	86.87
CUTA	327.17	466.72	0.70	chr6	6p21.32	39	589	94.19	62.54
CALB2	52.96	75.55	0.70	chr16	16q22.2	34	555	129.48	131.70
RNF114	115.99	165.48	0.70	chr20	20q13.13	74	1619	87.78	101.15
Hs.657137	7.79	11.11	0.70	chr14	N/A	19	709	64.12	78.59
Hs.664782	10.11	14.43	0.70	chr15	N/A	7	73	61.21	80.35
SPSB2	31.14	44.44	0.70	chr12	12p13.31	19	394	91.82	68.75
Hs.596939	27.99	39.94	0.70	chr6	N/A	7	73	80.48	65.89
Hs.528103	12.03	17.17	0.70	chr11	N/A	10	842	140.68	113.65
RHOG	163.42	233.25	0.70	chr11	11p15.5-p15.4	38	591	123.50	142.86
MESDC2	78.62	112.22	0.70	chr15	15q13	33	1453	99.39	134.30
COL18A1-AS1	5.34	7.63	0.70	chr21	21q22.3	4	304	35.36	47.40
CYP2R1	35.41	50.55	0.70	chr11	11p15.2	40	920	91.52	103.33
PTOV1-AS1	14.09	20.11	0.70	chr19	N/A	6	343	40.65	61.20
Hs.667803	7.30	10.42	0.70	chrX	N/A	7	73	52.56	96.43
N6AMT2	44.50	63.54	0.70	chr13	13q12.11	19	384	81.73	37.07
ACYP1	52.58	75.08	0.70	chr14	14q24.3	36	589	81.34	243.71
RBMXL2	13.52	19.31	0.70	chr11	11p15	37	1024	116.86	222.46
SLCO1B1	21.89	31.26	0.70	chr12	12p	31	551	135.27	305.65
POU5F2	23.03	32.88	0.70	chr5	5q15	19	408	67.67	87.14
TTC12	23.93	34.17	0.70	chr11	11q23.2	40	1210	69.18	121.32
CHSY1	105.60	150.81	0.70	chr15	15q26.3	30	572	107.19	83.99
PSPC1	41.39	59.10	0.70	chr13	13q12.11	51	1911	64.66	75.92
PVRL3-AS1	10.63	15.18	0.70	chr3	N/A	11	377	92.01	79.63
FKBP8	55.42	79.15	0.70	chr19	19p12	45	1468	133.48	125.52
TSPYL5	79.17	113.07	0.70	chr8	8q22.1	37	633	88.12	90.65
SLC22A4	28.20	40.28	0.70	chr5	5q31.1	28	551	68.00	95.58
Hs.602351	11.33	16.19	0.70	chr3	N/A	14	146	62.64	79.56
Hs.600649	15.38	21.96	0.70	chr1	N/A	7	73	78.18	113.03
AIPL1	15.03	21.47	0.70	chr17	17p13.1	41	877	147.38	89.83
CHRNA1	14.42	20.60	0.70	chr2	2q31.1	47	943	100.78	114.22
RPL27	721.62	1,030.86	0.70	chr17	17q21	57	1371	133.06	141.61
DDX49	40.02	57.18	0.70	chr19	19p12	41	1346	131.19	82.45
CAD	33.35	47.65	0.70	chr2	2p22-p21	40	993	91.23	74.52
KIF16B	22.02	31.46	0.70	chr20	20p11.23	54	944	66.09	76.42
Hs.399719	10.74	15.34	0.70	chr6	N/A	7	73	140.50	120.76
Hs.711597	16.56	23.67	0.70	chr16	N/A	2	16	44.84	28.29
SEC62	213.76	305.49	0.70	chr3	3q26.2	77	2069	359.65	152.29
Hs.594098	270.22	386.18	0.70	chr16	N/A	7	73	58.59	106.10
Hs.656608	13.56	19.38	0.70	chr11	N/A	8	377	114.92	131.08
Hs.668329	8.39	11.99	0.70	chr1	N/A	7	73	106.40	66.83
LENG9	16.55	23.66	0.70	chr19	19q13.4	17	344	44.02	57.77
LINC00462	9.15	13.07	0.70	chr13	13q14.2	1	304	0.00	68.26
SREBF2	77.65	110.98	0.70	chr22	22q13	49	1136	67.42	52.08
MINA	59.15	84.55	0.70	chr3	3q11.2	65	1740	190.18	152.52
OR2B6	15.37	21.96	0.70	chr6	6p21.3	20	487	51.35	79.86
SCN4B	73.74	105.41	0.70	chr11	11q23.3	19	392	49.41	181.62
Hs.661079	13.53	19.34	0.70	chr1	N/A	2	22	65.01	76.18
Hs.602531	10.41	14.88	0.70	chr5	N/A	3	66	34.59	53.02
HDGF	302.46	432.35	0.70	chr1	1q21-q23	25	555	69.97	58.57
CLIC2	46.06	65.84	0.70	chrX	Xq28	41	701	150.60	148.35
Hs.733886	16.63	23.78	0.70	chr6	N/A	1	304	0.00	59.83
Hs.98077	12.74	18.21	0.70	chr18	N/A	12	95	93.52	65.54
Hs.374124	24.97	35.69	0.70	chr1	N/A	4	304	32.15	59.97
Hs.512292	6.34	9.07	0.70	chr16	N/A	5	420	75.45	65.70
HBP1	70.77	101.17	0.70	chr7	7q22-q31	63	1215	149.54	117.60
FAM27A	18.69	26.71	0.70	chr9	9q12	4	624	72.82	78.59
Hs.540469	152.55	218.10	0.70	chr16	N/A	10	73	80.34	66.53
Hs.659022	22.40	32.02	0.70	chr11	N/A	12	493	88.99	138.99

ZNF143	27.04	38.66	0.70	chr11	11p15.4	44	1085	92.75	91.98
Hs.741028	415.33	593.84	0.70	chr15	N/A	1	304	0.00	35.39
FBN1	116.60	166.72	0.70	chr15	15q21.1	57	1520	194.57	189.80
Hs.728921	10.12	14.48	0.70	chr14	N/A	7	73	62.23	90.06
Hs.665432	56.03	80.12	0.70	chr2	N/A	1	304	0.00	103.85
EML2	42.35	60.56	0.70	chr19	19q13.32	48	2137	89.05	89.10
HIBCH	69.52	99.42	0.70	chr2	2q32.2	52	1098	75.63	82.78
Hs.547569	5.71	8.16	0.70	chr20	N/A	1	304	0.00	53.39
SPATA12	13.67	19.56	0.70	chr3	3p14.3	24	406	81.44	237.28
ALG3	65.46	93.63	0.70	chr3	3q27.1	43	605	76.93	53.82
Hs.600550	18.23	26.08	0.70	chr7	N/A	7	73	76.60	59.84
Hs.599527	5.54	7.92	0.70	chr13	N/A	7	73	106.26	90.49
LOC100996263	6.60	9.43	0.70	chr1	N/A	4	304	66.10	57.11
SRSF1	149.68	214.11	0.70	chr17	17q22	79	2341	268.39	122.59
Hs.22226	7.00	10.01	0.70	chr3	N/A	7	73	47.87	84.77
Hs.595570	33.59	48.06	0.70	chr1	N/A	10	28	14.52	39.89
C12orf73	53.79	76.94	0.70	chr12	12q23.3	26	794	72.18	57.93
LOC100506934	7.08	10.12	0.70	chr2	N/A	2	22	18.43	44.54
Hs.602491	8.23	11.77	0.70	chr2	N/A	7	73	25.24	81.87
MORN2	80.96	115.83	0.70	chr2	2p22.1	24	405	33.51	126.03
JHDM1D	45.62	65.28	0.70	chr7	7q34	40	1143	86.22	98.34
Hs.121449	9.32	13.33	0.70	chr11	N/A	1	304	0.00	69.32
LOC100128517	6.25	8.95	0.70	chr6	6p23	7	73	31.77	118.89
VAMP2	121.79	174.28	0.70	chr17	17p13.1	71	1662	114.70	152.22
FBXL7	46.53	66.60	0.70	chr5	5p15.1	75	997	143.87	114.66
PCSK4	60.85	87.09	0.70	chr19	19p13.3	26	468	148.16	154.55
KATNA1	47.49	67.97	0.70	chr6	6q25.1	46	762	84.92	83.30
RGS16	43.29	61.97	0.70	chr1	1q25-q31	53	1402	178.33	123.61
NDST1	42.06	60.20	0.70	chr5	5q33.1	63	1476	103.13	102.24
Hs.658722	3.62	5.18	0.70	chr3	N/A	10	28	36.79	83.94
EFCAB6	9.75	13.95	0.70	chr22	22q13.2	57	2454	89.08	166.22
Hs.639356	25.52	36.54	0.70	chr14	N/A	1	304	0.00	37.42
SLX4IP	23.27	33.31	0.70	chr20	20p12.2	16	393	85.16	67.30
Hs.597217	26.37	37.75	0.70	chr21	N/A	7	73	99.30	99.40
CASP9	72.69	104.08	0.70	chr1	1p36.21	50	1064	69.98	106.96
THADA	25.90	37.08	0.70	chr2	2p21	75	2752	118.56	114.86
Hs.49653	10.72	15.34	0.70	chr5	N/A	6	66	52.24	56.56
Hs.148458	17.72	25.38	0.70	chr3	N/A	2	22	117.31	87.67
Hs.508690	8.36	11.98	0.70	chr13	N/A	4	304	8.97	42.40
Hs.262826	8.58	12.29	0.70	chr18	N/A	11	377	51.33	69.48
Hs.668361	21.87	31.32	0.70	chr3	N/A	7	73	111.02	108.04
ZNF35	31.79	45.52	0.70	chr3	3p21.32	30	577	80.08	57.57
KCTD6	46.76	66.98	0.70	chr3	3p14.3	23	700	103.24	72.71
Hs.736281	1,471.12	2,106.94	0.70	chr11	N/A	1	304	0.00	49.92
Hs.498252	8.05	11.52	0.70	chr1	N/A	7	73	51.43	63.79
ARL17A	22.57	32.32	0.70	chr17	17q21.31	7	1028	37.47	80.07
SAYSD1	35.49	50.84	0.70	chr6	6p21.2	56	1270	99.45	152.97
TBX19	32.58	46.67	0.70	chr1	1q24.2	43	594	92.02	182.39
Hs.580695	5.42	7.76	0.70	chr20	N/A	2	22	30.07	77.41
CDK6	28.03	40.16	0.70	chr7	7q21-q22	94	3324	94.74	130.33
Hs.23187	9.07	12.99	0.70	chr7	N/A	10	73	84.24	103.15
LUM	375.92	538.64	0.70	chr12	12q21.3-q22	68	716	165.35	159.72
Hs.667894	8.57	12.28	0.70	chr1	N/A	3	66	39.34	67.87
Hs.597684	33.00	47.29	0.70	chr1	N/A	7	73	55.18	112.28
Hs.734189	11.49	16.46	0.70	chr21	N/A	7	73	73.53	90.33
Hs.663320	11.90	17.05	0.70	chr20	N/A	1	304	0.00	64.83
ATP13A3	45.58	65.31	0.70	chr3	3q29	54	1154	170.23	112.84
LINC00470	9.81	14.06	0.70	chr18	N/A	42	1352	164.29	73.92
CCDC112	26.11	37.41	0.70	chr5	5q22.3	34	445	68.90	131.35
Hs.371900	7.73	11.08	0.70	chr15	N/A	2	22	1.29	48.30
CILP2	16.46	23.59	0.70	chr19	19p13.11	27	762	92.13	196.07
Hs.678095	18.07	25.90	0.70	chr7	N/A	5	420	82.21	71.47
GRM3	22.87	32.78	0.70	chr7	7q21.1-q21.2	40	643	114.00	168.15
Hs.586682	39.54	56.68	0.70	chr10	N/A	3	66	77.80	105.65
CSTF3	59.10	84.71	0.70	chr11	11p13	60	1308	106.92	79.65
ISM1	19.51	27.96	0.70	chr20	20p12.1	29	782	100.08	164.37
WASH1	37.07	53.14	0.70	chr9	9p24.3	32	596	157.88	140.46
PAX6	19.47	27.92	0.70	chr11	11p13	37	881	265.02	159.23
Hs.661529	14.03	20.11	0.70	chr6	N/A	1	304	0.00	51.67
PELP1	98.61	141.38	0.70	chr17	17p13.2	28	550	84.92	490.22
CKAP4	167.57	240.25	0.70	chr12	12q23.3	36	1301	107.71	96.37
SLAIN1	52.57	75.37	0.70	chr13	13q22.3	36	534	250.94	218.74
EPC2	69.79	100.06	0.70	chr2	2q23.1	24	447	65.38	53.00
CEP57	38.55	55.28	0.70	chr11	11q21	74	2437	103.33	81.40
Hs.667096	32.78	47.00	0.70	chr5	N/A	7	73	55.05	64.26
LOC643623	9.81	14.07	0.70	chr6	6q22.31	7	304	68.91	62.44
Hs.709475	12.23	17.54	0.70	chr12	N/A	3	326	59.56	48.98
KLHL5	37.41	53.64	0.70	chr4	4p14	86	2193	143.01	112.51
SIRT2	107.75	154.54	0.70	chr19	19q13	39	915	147.42	104.65
SNRPB	194.35	278.77	0.70	chr20	20p13	49	1161	81.05	65.37
ROS1	13.92	19.96	0.70	chr6	6q22	60	1108	99.72	91.28
Hs.602598	7.84	11.25	0.70	chr1	N/A	7	73	59.11	88.00
Hs.729247	12.57	18.03	0.70	chr17	N/A	2	22	59.07	48.06
Hs.601586	20.28	29.10	0.70	chr14	N/A	3	66	59.09	50.05
KRTAP26-1	12.47	17.89	0.70	chr21	21q22.11	12	112	61.68	62.51
Hs.603441	11.95	17.14	0.70	chr16	N/A	3	66	74.43	66.58
CAPN1	89.05	127.78	0.70	chr11	11q13	40	605	114.30	74.43
CLCC1	42.23	60.59	0.70	chr1	1p13.3	60	1689	67.09	75.12
Hs.606806	25.47	36.55	0.70	chr6	N/A	7	73	94.33	89.23
LGALS3	513.41	736.83	0.70	chr14	14q22.3	41	954	95.04	125.23
AXL	61.54	88.32	0.70	chr19	19q13.1	47	1126	93.57	102.55
Hs.129329	10.62	15.24	0.70	chr7	N/A	5	22	63.38	65.28
LOC100288123	6.18	8.88	0.70	chr19	19p13.3	1	304	0.00	101.65

LAMB4	8.83	12.68	0.70	chr7	7q31	41	1291	84.37	100.30
ANKMY1	11.17	16.03	0.70	chr2	2q37.3	53	1235	107.92	78.96
Hs.643879	150.48	216.04	0.70	chr10	N/A	7	73	37.46	57.83
CREB5	21.89	31.44	0.70	chr7	7p15.1	77	1131	84.01	150.63
Hs.731994	22.49	32.29	0.70	chr12	N/A	7	73	111.52	114.70
Hs.657399	18.15	26.06	0.70	chr14	N/A	9	95	77.13	59.78
Hs.154600	20.54	29.49	0.70	chr4	N/A	2	22	57.30	82.59
SECTM1	41.31	59.32	0.70	chr17	17q25	50	614	74.03	91.38
CCPG1	57.30	82.28	0.70	chr15	15q21.1	173	2490	127.53	109.84
GPR3	19.95	28.65	0.70	chr1	1p36.1-p35	42	632	63.27	86.88
NLRP10	11.07	15.89	0.70	chr11	11p15.4	19	384	124.09	87.90
CHTOP	91.76	131.77	0.70	chr1	1q21.3	92	1850	85.16	73.58
Hs.673229	20.54	29.50	0.70	chr16	N/A	1	304	0.00	53.40
CASB	14.71	21.13	0.70	chrX	Xp21.1	66	1200	83.65	73.78
CIB4	29.22	41.96	0.70	chr2	2p23.3	16	384	249.31	171.28
CD3EAP	36.27	52.09	0.70	chr19	19q13.3	38	544	79.65	62.01
MED29	47.14	67.71	0.70	chr19	19q13.2	41	504	68.17	66.77
Hs.669083	13.34	19.17	0.70	chr21	N/A	1	304	0.00	58.30
Hs.517094	20.91	30.04	0.70	chr20	N/A	11	377	62.21	136.62
SCOC	162.81	233.90	0.70	chr4	4q31.1	35	779	148.13	125.28
HCG11	13.03	18.73	0.70	chr6	6p22.2	9	681	72.05	78.44
Hs.126846	9.43	13.55	0.70	chr11	N/A	10	73	77.93	76.79
AP2M1	261.14	375.23	0.70	chr3	3q28	26	504	55.92	51.79
TMEM198	46.62	67.00	0.70	chr2	2q35	27	761	170.00	100.09
Hs.128936	5.15	7.40	0.70	chr7	N/A	10	73	67.75	86.19
LOC339975	6.33	9.09	0.70	chr4	4q35.2	1	304	0.00	52.57
RPP25L	117.36	168.67	0.70	chr9	9p13.3	37	490	86.78	86.05
Hs.520628	14.89	21.40	0.70	chr7	N/A	5	22	58.47	53.51
CEPT1	35.79	51.44	0.70	chr1	1p13.3	64	1438	119.22	109.57
TRAM1	204.46	293.88	0.70	chr8	8q13.3	64	1591	126.48	111.33
Hs.671166	46.50	66.85	0.70	chr3	N/A	1	304	0.00	67.59
ZNF18	43.21	62.12	0.70	chr17	17p11.2	16	384	68.84	47.64
Hs.657398	7.84	11.26	0.70	chr20	N/A	7	73	63.79	103.14
DAB2IP	37.78	54.32	0.70	chr9	9q33.1-q33.3	70	1423	232.97	133.60
GATSL3	37.31	53.64	0.70	chr22	22q12	14	738	65.58	68.17
Hs.665271	30.09	43.26	0.70	chr21	N/A	1	304	0.00	130.05
ADCY1	22.49	32.33	0.70	chr7	7p13-p12	76	2313	109.83	104.26
Hs.667659	9.02	12.96	0.70	chr10	N/A	2	22	7.88	60.64
Hs.677037	13.69	19.69	0.70	chr6	N/A	1	304	0.00	50.82
R3HDM1	54.12	77.81	0.70	chr2	2q21.3	69	1350	114.07	97.23
LOC100996288	5.87	8.44	0.70	chr19	N/A	10	73	56.25	94.65
ERCC8	20.12	28.92	0.70	chr5	5q12.1	63	1347	108.52	90.98
MAP1A	79.13	113.78	0.70	chr15	15q15.3	49	1527	153.86	266.94
Hs.119940	33.12	47.63	0.70	chr3	N/A	1	304	0.00	54.59
LCAS	22.28	32.04	0.70	chr6	6q14.1	28	1075	98.54	99.07
Hs.593499	31.61	45.45	0.70	chr16	N/A	1	304	0.00	38.83
Hs.663281	41.92	60.28	0.70	chr6	N/A	8	377	74.60	114.93
Hs.122280	7.63	10.98	0.70	chr11	N/A	5	22	32.26	65.73
C10orf12	24.65	35.45	0.70	chr10	10q24.1	69	1887	98.79	86.42
Hs.427242	9.69	13.93	0.70	chr7	N/A	10	73	83.40	99.99
SPDL1	23.68	34.05	0.70	chr5	5q35.1	124	750	145.57	128.19
ARL13A	15.77	22.68	0.70	chrX	Xq22.1	11	178	122.71	91.37
LRFN1	19.87	28.57	0.70	chr19	19q13.2	30	486	65.76	70.56
PSG6	24.60	35.39	0.70	chr19	19q13.2	57	1408	141.18	113.97
Hs.701629	32.97	47.43	0.70	chrX	N/A	7	73	69.38	61.71
Hs.598983	11.50	16.54	0.70	chr6	N/A	1	304	0.00	57.22
KANSL1L	34.39	49.49	0.70	chr2	2q34	69	1503	184.76	168.35
DECR2	83.01	119.44	0.70	chr16	16p13.3	28	538	54.15	84.50
Hs.88651	17.69	25.46	0.70	chr8	N/A	8	377	79.47	224.16
Hs.671344	7.02	10.10	0.70	chrX	N/A	2	608	110.09	57.89
Hs.602301	8.66	12.45	0.69	chr1	N/A	19	383	140.04	86.57
ZNF763	13.45	19.35	0.69	chr19	19p13.2	5	608	37.33	74.68
TSC1	88.99	128.07	0.69	chr9	9q34	39	569	87.54	53.73
ZNF596	22.52	32.41	0.69	chr8	8p23.3	50	662	95.66	108.76
GUSB	116.09	167.09	0.69	chr7	7q21.11	64	1104	57.38	83.54
Hs.670065	7.53	10.84	0.69	chr7	N/A	1	304	0.00	63.87
Hs.74115	21.75	31.31	0.69	chr1	N/A	8	377	71.83	53.55
Hs.666427	9.55	13.74	0.69	chr11	N/A	14	146	72.37	79.39
INTS1	34.45	49.59	0.69	chr7	7p22.3	43	1136	145.02	102.11
MANEA	13.46	19.38	0.69	chr6	6q16.1	56	1428	74.19	112.11
Hs.669036	20.69	29.78	0.69	chr11	N/A	1	304	0.00	63.00
Hs.514527	19.57	28.17	0.69	chr17	N/A	16	393	68.32	97.61
LOC646471	7.29	10.49	0.69	chr1	1p36.11	13	28	69.57	59.84
HACE1	50.35	72.49	0.69	chr6	6q16.3	38	593	124.00	92.64
FXYD6	200.03	287.96	0.69	chr11	11q23.3	21	465	87.94	104.73
Hs.144883	8.71	12.54	0.69	chr8	N/A	2	22	28.06	60.48
UFD1L	98.51	141.83	0.69	chr22	22q11.21	47	723	118.71	72.39
PTCH1	39.66	57.11	0.69	chr9	9q22.3	100	2426	162.30	413.20
INTS2	27.93	40.21	0.69	chr17	17q23.2	19	392	92.89	109.18
TARS2	43.58	62.75	0.69	chr1	1q21.3	35	603	73.34	59.26
ZBTB16	142.51	205.21	0.69	chr11	11q23.1	29	504	78.85	96.49
APP	284.16	409.19	0.69	chr21	21q21.3	86	1701	159.42	149.43
C16orf78	21.17	30.49	0.69	chr16	16q12.1	19	385	103.52	162.44
LOC100505685	10.78	15.53	0.69	chr4	N/A	21	471	59.36	149.64
Hs.602645	9.25	13.32	0.69	chr17	N/A	8	377	58.78	133.95
Hs.668193	6.93	9.99	0.69	chr6	N/A	7	73	56.88	122.83
LOC286238	16.18	23.31	0.69	chr9	9q22.1	1	304	0.00	41.16
Hs.54773	12.28	17.68	0.69	chr8	N/A	17	146	76.38	107.62
LOC100505676	2.93	4.22	0.69	chr8	N/A	1	304	0.00	81.37
SPEF2	22.35	32.20	0.69	chr5	5p13.2	52	1087	357.57	180.46
LSM14A	109.34	157.52	0.69	chr19	19q13.11	70	1624	84.74	57.29
TAS1R2	18.19	26.20	0.69	chr1	1p36.13	19	384	106.90	96.28
Hs.376725	3.84	5.54	0.69	chr3	N/A	11	332	55.33	79.84

RSPRY1	93.32	134.47	0.69	chr16	16q13	28	1077	108.71	91.67
Hs.661258	6.34	9.14	0.69	chr7	N/A	8	377	48.01	71.83
STRA13	75.60	108.94	0.69	chr17	17q25.3	39	588	89.80	66.93
Hs.683825	9.07	13.07	0.69	chr2	N/A	10	28	28.65	55.82
NAA60	115.85	166.95	0.69	chr16	16p13.3	33	953	174.34	92.20
GALNT9	37.75	54.41	0.69	chr12	12q24.33	28	389	173.13	89.29
Hs.132477	7.60	10.95	0.69	chr6	N/A	3	66	45.35	115.79
DND1	43.11	62.13	0.69	chr5	5q31.3	30	1340	95.79	82.87
PROSER1	46.05	66.36	0.69	chr13	13q13.3	52	938	87.08	51.96
Hs.672920	7.96	11.47	0.69	chr9	N/A	1	304	0.00	71.32
SLC3A2	93.56	134.85	0.69	chr11	11q13	46	605	80.36	61.50
PPP3R1	31.85	45.91	0.69	chr2	2p15	45	1025	168.12	72.34
HELQ	24.38	35.14	0.69	chr4	4q21.23	50	1829	66.44	176.01
ACSM1	7.97	11.49	0.69	chr16	16p12.3	23	561	64.67	90.56
Hs.145436	8.82	12.71	0.69	chr12	N/A	5	22	70.61	74.36
Hs.606876	7.52	10.84	0.69	chr4	N/A	1	304	0.00	69.72
MGA	40.42	58.27	0.69	chr15	15q14	74	1734	299.26	89.78
TMUB2	46.75	67.40	0.69	chr17	17q21.31	54	588	86.75	51.66
LOC100507634	5.37	7.74	0.69	chr1	1p32.3	2	608	1.84	101.26
APOBEC3F	19.77	28.50	0.69	chr22	22q13.1	47	1301	93.65	74.41
ZNF317	40.76	58.76	0.69	chr19	19p13	29	814	73.31	71.61
Hs.113631	13.87	20.00	0.69	chr21	N/A	16	389	48.73	100.99
Hs.128132	6.08	8.76	0.69	chr10	N/A	10	73	47.19	48.69
Hs.130239	6.49	9.36	0.69	chr6	N/A	16	162	68.71	88.90
HAGHL	56.78	81.87	0.69	chr16	16p13.3	32	467	133.07	73.13
Hs.570567	13.93	20.09	0.69	chr3	N/A	10	28	23.62	63.09
Hs.594262	30.19	43.54	0.69	chr1	N/A	10	28	32.94	41.76
PKP4	69.02	99.55	0.69	chr2	2q24.1	59	2000	118.82	165.24
FAM189B	66.68	96.19	0.69	chr1	1q21	47	916	69.53	137.43
Hs.128770	7.76	11.20	0.69	chr1	N/A	12	681	63.83	86.67
SSTR1	10.43	15.05	0.69	chr14	14q13	52	943	105.40	84.53
CD46	128.06	184.74	0.69	chr1	1q32	80	1878	169.38	211.14
USF2	123.88	178.73	0.69	chr19	19q13	56	1445	90.77	83.02
Hs.656568	13.51	19.50	0.69	chr8	N/A	7	73	97.39	81.14
ATP1B2	66.53	95.99	0.69	chr17	17p13.1	31	615	135.08	126.51
SLC35F1	51.92	74.91	0.69	chr6	6q22.31	31	677	90.42	102.06
Hs.672896	10.95	15.80	0.69	chr6	N/A	1	304	0.00	122.35
Hs.132254	9.74	14.06	0.69	chr3	N/A	5	22	55.92	86.76
Hs.657607	262.94	379.39	0.69	chr4	N/A	31	1207	160.15	135.02
Hs.602363	21.63	31.21	0.69	chr3	N/A	7	73	80.73	95.17
Hs.667946	7.92	11.42	0.69	chr18	N/A	7	73	42.00	78.57
ACY1	65.74	94.87	0.69	chr3	3p21.1	29	858	65.82	269.68
POLR2H	111.37	160.72	0.69	chr3	3q28	34	663	61.01	44.89
OAS2	35.94	51.87	0.69	chr12	12q24.2	79	1569	125.31	148.00
PPP1R35	83.83	120.98	0.69	chr7	7q22.1	24	419	65.10	68.85
MANBA	54.66	78.88	0.69	chr4	4q22-q25	30	576	76.45	81.26
VIPAS39	58.27	84.10	0.69	chr14	14q24.3-q31	36	910	77.17	63.52
NFE2	20.89	30.15	0.69	chr12	12q13	29	573	88.04	301.31
Hs.694911	148.65	214.56	0.69	chr3	N/A	7	73	63.94	100.14
AKAP3	25.06	36.18	0.69	chr12	12p13.3	30	572	74.52	337.00
COL28A1	20.10	29.02	0.69	chr7	7p21.3	23	457	81.09	138.86
OXNAD1	44.93	64.87	0.69	chr3	3p25-p24	27	372	44.61	66.04
PMEPA1	82.04	118.45	0.69	chr20	20q13.31-q13.1	86	1596	110.31	184.01
WDR64	13.84	19.99	0.69	chr1	1q43	26	457	63.32	59.43
Hs.22381	12.07	17.43	0.69	chr2	N/A	4	304	68.16	46.72
Hs.633042	35.09	50.67	0.69	chr5	N/A	11	332	33.58	62.80
Hs.600951	11.07	15.98	0.69	chr1	N/A	7	73	95.09	92.93
Hs.594275	8.77	12.66	0.69	chr7	N/A	11	332	55.69	85.70
TBCC	55.34	79.91	0.69	chr6	6p21.1	40	605	50.28	54.10
Hs.667503	7.40	10.68	0.69	chr9	N/A	2	22	9.83	60.39
Hs.655731	40.00	57.76	0.69	chr12	N/A	7	73	70.62	92.36
Hs.735217	12.23	17.67	0.69	chr1	N/A	1	304	0.00	57.63
JMJD1C	61.71	89.12	0.69	chr10	10q21.3	90	2231	281.14	103.26
Hs.633419	33.28	48.05	0.69	chr5	N/A	3	66	53.47	43.94
THRAP3	59.09	85.34	0.69	chr1	1p34.3	52	1810	124.06	104.01
GOLGB1	116.15	167.75	0.69	chr3	3q13	61	1126	93.57	84.44
Hs.670298	5.96	8.61	0.69	chr2	N/A	1	304	0.00	109.49
SRD5A3	27.34	39.49	0.69	chr4	4q12	38	1204	83.36	112.55
PYGO1	8.61	12.44	0.69	chr15	15q21.1	42	1039	67.10	92.78
COX18	25.36	36.62	0.69	chr4	4q13.3	54	947	77.91	91.89
UBR2	55.28	79.84	0.69	chr6	6p21.1	73	1720	113.84	105.97
Hs.378808	59.69	86.21	0.69	chr3	N/A	14	146	114.07	66.15
AMHR2	15.11	21.83	0.69	chr12	12q13	30	566	100.79	105.35
Hs.136941	4.24	6.13	0.69	chr19	N/A	3	326	31.21	83.54
PHF1	152.89	220.88	0.69	chr6	6p21.3	46	1042	112.16	89.82
WRB	130.48	188.50	0.69	chr21	21q22.3	50	656	136.69	86.66
Hs.729489	9.34	13.50	0.69	chr7	N/A	22	523	61.00	105.53
PSPN	14.66	21.19	0.69	chr19	19p13.3	24	459	66.74	71.41
B4GALT5	102.16	147.60	0.69	chr20	20q13.1-q13.2	32	571	121.65	87.02
Hs.98777	16.73	24.18	0.69	chr2	N/A	10	73	53.30	92.76
Hs.573585	901.15	1,302.13	0.69	chr9	N/A	5	51	60.77	85.21
FBXO46	44.70	64.60	0.69	chr19	19q13.3	37	633	75.51	51.82
Hs.604100	8.73	12.62	0.69	chr14	N/A	2	22	22.22	84.15
MAP4	137.98	199.39	0.69	chr3	3p21	110	3368	122.91	132.96
CNTNAP3	17.43	25.19	0.69	chr9	9p13.1	30	720	54.89	91.65
SLAMF8	23.39	33.81	0.69	chr1	1q23.2	33	955	112.62	99.04
XRCC5	155.52	224.76	0.69	chr2	2q35	66	1689	249.85	142.69
KPNB1	205.23	296.61	0.69	chr17	17q21.32	55	1872	93.85	114.84
KIAA1656	15.41	22.28	0.69	chr22	N/A	13	940	41.21	63.30
Hs.667744	8.94	12.92	0.69	chr3	N/A	14	146	54.62	102.06
Hs.559664	4.60	6.65	0.69	chr1	N/A	1	304	0.00	56.32
Hs.633379	57.35	82.91	0.69	chr1	N/A	1	304	0.00	43.52
REEP2	39.53	57.15	0.69	chr5	5q31	30	564	68.40	158.54

GPR173	17.76	25.67	0.69	chrX	Xp11	40	1448	75.72	97.89
SLC25A15	34.97	50.56	0.69	chr13	13q14	31	903	75.75	206.17
Hs.708565	51.07	73.84	0.69	chr6	N/A	7	73	50.09	59.02
Hs.22930	6.91	9.99	0.69	chr1	N/A	11	377	61.58	65.84
Hs.734270	21.17	30.61	0.69	chr2	N/A	1	304	0.00	36.09
Hs.601126	10.89	15.75	0.69	chr2	N/A	7	73	57.34	80.25
IL17RC	41.67	60.27	0.69	chr3	3p25.3-p24.1	57	1684	181.05	110.76
GPATCH3	40.44	58.50	0.69	chr1	1p35.3-p35.1	35	604	66.05	50.51
Hs.376351	33.47	48.41	0.69	chr10	N/A	7	73	61.26	76.90
NMBR	8.81	12.74	0.69	chr6	6q21-qter	23	492	154.37	107.65
GPR144	18.55	26.83	0.69	chr9	9q33.3	29	496	102.89	116.00
CRIM1	138.07	199.70	0.69	chr2	2p21	72	1525	225.04	149.00
DRAM2	77.07	111.47	0.69	chr1	1p13.3	48	947	86.70	116.04
Hs.733433	21.53	31.14	0.69	chr17	N/A	3	912	99.98	123.49
Hs.662615	13.97	20.21	0.69	chr9	N/A	7	73	63.22	94.51
TMEM69	67.09	97.05	0.69	chr1	1p34.1	26	469	77.31	48.50
Hs.710460	6.97	10.08	0.69	chr6	N/A	7	73	37.73	103.67
Hs.660481	7.52	10.88	0.69	chr15	N/A	1	304	0.00	95.12
AKAP10	30.20	43.69	0.69	chr17	17p11.1	39	1263	156.10	92.78
MGC4294	10.75	15.56	0.69	chr20	20q13.32	18	452	183.38	63.68
HINFP	35.21	50.94	0.69	chr11	11q23.3	46	600	83.59	64.48
DPM3	85.87	124.24	0.69	chr1	1q22	44	521	74.81	62.33
Hs.713887	30.84	44.61	0.69	chr8	N/A	7	73	77.88	90.89
Hs.575202	34.57	50.01	0.69	chr7	N/A	10	28	28.26	71.56
Hs.733551	46.06	66.64	0.69	chr4	N/A	8	377	92.97	79.45
NCAPD2	31.47	45.54	0.69	chr12	12p13.3	23	499	88.91	61.21
Hs.597780	10.12	14.64	0.69	chr20	N/A	7	73	58.10	78.17
MEIS1	60.00	86.82	0.69	chr2	2p14	48	982	98.31	121.00
Hs.727809	9.02	13.05	0.69	chr14	N/A	7	73	46.19	93.98
Hs.130572	28.20	40.82	0.69	chr21	N/A	10	73	110.80	65.16
USP35	41.22	59.66	0.69	chr11	11q14.1	16	384	32.55	47.47
SLC35D3	8.44	12.21	0.69	chr6	6q23.3	26	457	103.83	104.60
Hs.657905	17.93	25.96	0.69	chr20	N/A	1	304	0.00	46.37
KBTBD2	65.14	94.29	0.69	chr7	7p14.3	80	1528	166.88	98.47
Hs.674612	10.22	14.80	0.69	chr16	N/A	1	304	0.00	58.41
ADAP2	65.46	94.76	0.69	chr17	17q11.2	46	954	147.46	142.21
Hs.655297	19.00	27.50	0.69	chr6	N/A	1	304	0.00	31.30
NUDT9	89.67	129.82	0.69	chr4	4q22.1	34	533	62.70	63.62
FNDC3B	69.66	100.85	0.69	chr3	3q26.31	116	3120	147.61	119.07
LINC00229	8.24	11.93	0.69	chr22	22q13.3	10	73	61.78	94.29
Hs.668010	14.71	21.29	0.69	chr16	N/A	1	304	0.00	43.13
Hs.628261	5.18	7.50	0.69	chr3	N/A	10	28	33.70	57.60
MEAF6	82.90	120.04	0.69	chr1	1p35.3-p33	50	1308	116.30	131.54
SEC22A	27.31	39.55	0.69	chr3	3q21.1	56	961	99.11	83.14
ZMYND19	35.46	51.36	0.69	chr9	9q34.3	26	469	99.00	72.00
BORA	35.27	51.09	0.69	chr13	13q22.1	32	944	133.49	65.66
Hs.668115	23.51	34.05	0.69	chr3	N/A	2	22	65.66	76.61
TRIB2	80.33	116.34	0.69	chr2	2p24.3	58	1206	125.15	98.17
Hs.444971	7.56	10.95	0.69	chr8	N/A	1	304	0.00	66.35
PKN1	45.81	66.35	0.69	chr19	19p13.12	39	577	76.21	74.91
THOC1	98.15	142.18	0.69	chr18	18p11.32	37	650	145.17	88.40
Hs.665338	5.64	8.18	0.69	chr6	N/A	7	73	60.23	56.06
EXT2	68.03	98.56	0.69	chr11	11p12-p11	53	1121	93.77	64.02
ZFP1	19.38	28.08	0.69	chr16	16q23.1	38	1093	123.27	112.52
FBXO5	21.89	31.72	0.69	chr6	6q25.2	32	836	132.92	140.02
PRSS54	31.59	45.78	0.69	chr16	16q21	25	509	154.57	190.13
ZNF318	37.67	54.57	0.69	chr6	6pter-p12.1	65	1126	131.65	84.52
Hs.666396	9.00	13.04	0.69	chr3	N/A	10	28	29.23	83.90
Hs.531632	27.30	39.55	0.69	chr19	N/A	11	332	31.91	45.81
ZNF586	28.13	40.77	0.69	chr19	19q13.43	48	815	143.33	81.26
FAM182B	17.00	24.64	0.69	chr20	20p11.1	57	1827	75.11	90.95
WBPS	253.54	367.39	0.69	chrX	Xq22.2	31	538	133.73	123.27
Hs.151334	15.82	22.92	0.69	chr9	N/A	11	377	74.31	126.38
Hs.622876	2.81	4.07	0.69	chr6	N/A	1	304	0.00	72.94
POLB	102.00	147.84	0.69	chr8	8p11.2	37	650	79.97	135.87
RNF169	30.39	44.05	0.69	chr11	11q13.4	24	175	48.94	90.65
Hs.729519	5.70	8.27	0.69	chr10	N/A	10	73	31.79	84.64
Hs.38894	11.63	16.86	0.69	chr2	N/A	11	377	56.91	69.76
TPGS2	60.19	87.26	0.69	chr18	18q12.2	69	1823	67.99	122.59
PRPSAP2	67.61	98.02	0.69	chr17	17p11.2-p12	33	577	62.55	51.97
Hs.710567	3.67	5.32	0.69	chr9	N/A	10	28	94.81	48.15
SOS2	34.79	50.44	0.69	chr14	14q21	51	2688	120.83	154.55
CEP76	17.09	24.79	0.69	chr18	18p11.21	40	1026	89.77	103.70
FAM168B	102.25	148.27	0.69	chr2	2q21.1	32	954	80.56	97.03
USP45	14.65	21.25	0.69	chr6	6q16.2	19	751	67.11	84.27
ZNF468	25.33	36.74	0.69	chr19	19q13.41	51	622	136.05	142.92
TP53BP2	55.66	80.72	0.69	chr1	1q41	42	689	138.72	88.35
AMOT	20.34	29.49	0.69	chrX	Xq23	40	600	102.74	90.84
Hs.21641	15.17	22.00	0.69	chr21	N/A	11	377	74.87	72.99
LOC100507562	10.54	15.29	0.69	chr2	N/A	11	377	71.62	70.05
LOC100652770	16.42	23.82	0.69	chr18	N/A	27	1108	85.92	106.62
Hs.668507	10.55	15.30	0.69	chr12	N/A	1	304	0.00	84.31
MXI1	255.47	370.54	0.69	chr10	10q24-q25	61	862	127.92	90.76
Hs.710970	13.67	19.83	0.69	chr3	N/A	1	304	0.00	48.54
CDK14	45.99	66.71	0.69	chr7	7q21-q22	59	1237	182.87	326.05
NCALD	54.31	78.79	0.69	chr8	8q22.2	47	953	132.60	175.74
Hs.669876	15.16	21.99	0.69	chr1	N/A	1	304	0.00	53.87
BFSP1	12.06	17.50	0.69	chr20	20p12.1	33	573	93.00	108.63
PIF1	19.57	28.39	0.69	chr15	15q22.31	50	823	145.31	136.74
ZHX2	74.56	108.20	0.69	chr8	8q24.13	47	710	89.06	78.31
Hs.604784	37.55	54.50	0.69	chr4	N/A	7	73	95.46	57.07
Hs.659814	25.26	36.65	0.69	chr4	N/A	7	73	55.46	68.93
Hs.565767	20.35	29.53	0.69	chr21	N/A	7	73	65.29	132.22

PPY2	8.87	12.87	0.69	chr17	17q11	21	457	125.31	64.19
Hs.668320	6.05	8.79	0.69	chr15	N/A	7	73	29.85	144.64
Hs.602874	9.76	14.17	0.69	chr9	N/A	2	22	0.44	72.06
S1PR4	39.92	57.95	0.69	chr19	19p13.3	28	544	93.98	100.23
TAF9B	40.17	58.31	0.69	chrX	Xq13.1-q21.1	62	1738	112.70	99.95
Hs.658378	9.00	13.06	0.69	chr7	N/A	5	51	47.47	64.94
Hs.709866	44.46	64.54	0.69	chr17	N/A	7	73	30.42	70.58
VPS8	45.07	65.43	0.69	chr3	3q27.2	64	1406	109.93	78.95
TMEM139	39.98	58.03	0.69	chr7	7q34	41	868	200.37	231.37
GPR161	27.88	40.47	0.69	chr1	1q24.2	94	2631	199.58	130.23
SERPINB10	17.73	25.73	0.69	chr18	18q21.3	25	546	166.75	102.11
Hs.601124	17.39	25.25	0.69	chr14	N/A	7	73	63.22	58.60
RAB44	11.55	16.76	0.69	chr6	6p21.31-p21.2	5	16	51.90	35.87
UNC5CL	32.71	47.48	0.69	chr6	6p21.1	42	666	133.50	113.89
Hs.23560	10.26	14.90	0.69	chr21	N/A	10	73	79.67	77.75
AATF	71.48	103.79	0.69	chr17	17q12	40	605	48.40	46.78
Hs.150750	9.79	14.21	0.69	chr13	N/A	5	22	63.82	64.04
WDR26	73.54	106.79	0.69	chr1	1q42.13	87	2170	80.98	101.98
C20orf166-AS1	48.29	70.12	0.69	chr20	20q13.33	23	699	151.58	57.67
Hs.732484	30.46	44.24	0.69	chr5	N/A	7	73	65.24	62.90
MCM5	36.01	52.30	0.69	chr22	22q13.1	42	1069	85.46	108.11
Hs.676585	2.68	3.89	0.69	chr2	N/A	1	304	0.00	74.84
Hs.666266	6.75	9.80	0.69	chr20	N/A	15	450	72.29	70.34
FOXC2	33.52	48.69	0.69	chr16	16q24.1	27	796	80.39	194.88
GRIN3A	14.56	21.15	0.69	chr9	9q31.1	27	791	90.90	93.39
DACH2	8.36	12.14	0.69	chrX	Xq21.3	32	416	75.99	104.68
Hs.125653	7.26	10.54	0.69	chr19	N/A	7	73	39.87	66.53
LOC728175	11.46	16.65	0.69	chr4	4q35.1	29	680	47.63	106.41
Hs.132373	7.42	10.78	0.69	chr7	N/A	5	22	31.01	47.36
Hs.55185	11.22	16.30	0.69	chr1	N/A	18	450	64.61	86.30
Hs.603703	6.70	9.74	0.69	chr7	N/A	2	22	31.54	81.47
ZMYM1	22.65	32.91	0.69	chr1	1p34.3	47	679	84.90	72.89
Hs.603125	7.88	11.45	0.69	chr5	N/A	2	22	8.58	54.05
CDKN2B	17.95	26.09	0.69	chr9	9p21	50	961	245.69	157.89
Hs.571399	11.58	16.83	0.69	chr8	N/A	2	22	98.83	106.55
ACSL3	100.48	146.03	0.69	chr2	2q34-q35	65	1171	137.16	127.37
Hs.662822	17.55	25.51	0.69	chr19	N/A	7	73	43.73	60.45
LOC100506113	14.31	20.80	0.69	chr11	N/A	8	377	71.84	77.25
ACMSD	30.76	44.71	0.69	chr2	2q21.3	43	673	298.08	223.85
TVP23A	12.53	18.21	0.69	chr16	16p13.13	1	310	0.00	62.11
CXCR6	14.42	20.97	0.69	chr3	3p21	45	1021	261.18	83.12
MAP3K14	39.45	57.36	0.69	chr17	17q21	30	573	63.93	68.73
LOC100505902	20.17	29.32	0.69	chr3	N/A	1	304	0.00	38.92
Hs.662764	11.69	16.99	0.69	chr1	N/A	8	377	47.18	75.17
Hs.561725	8.54	12.41	0.69	chr7	N/A	14	146	67.77	81.70
FASLG	15.53	22.58	0.69	chr1	1q23	58	1124	90.21	86.55
NSUN7	16.88	24.55	0.69	chr4	4p14	44	908	109.62	132.64
Hs.666672	6.33	9.21	0.69	chr8	N/A	8	377	73.67	82.41
AGL	99.95	145.35	0.69	chr1	1p21	60	689	135.72	159.99
Hs.121899	9.92	14.43	0.69	chr6	N/A	8	377	65.05	251.41
Hs.147763	8.70	12.66	0.69	chr2	N/A	5	22	47.88	73.54
Hs.98028	16.46	23.95	0.69	chr11	N/A	1	304	0.00	68.11
ARHGEF3-AS1	8.63	12.56	0.69	chr3	N/A	5	22	49.91	88.09
Hs.676758	4.10	5.97	0.69	chr2	N/A	5	420	57.59	67.84
Hs.660176	7.65	11.13	0.69	chr10	N/A	8	377	81.21	93.39
ANKRD26	19.34	28.14	0.69	chr10	10p12.1	62	1121	87.18	133.15
RNF130	67.53	98.27	0.69	chr5	5q35.3	62	1740	128.73	124.40
Hs.697398	11.83	17.21	0.69	chr1	N/A	7	73	56.36	72.44
LIF	33.22	48.35	0.69	chr22	22q12.2	48	617	105.38	105.87
RRNAD1	42.59	61.99	0.69	chr1	1q23.1	21	470	86.37	51.93
C12orf57	764.55	1,112.86	0.69	chr12	12p13.31	18	92	164.15	101.98
EIF4G1	135.47	197.21	0.69	chr3	3q27-qter	51	1075	100.13	82.23
CCDC158	18.51	26.95	0.69	chr4	4q21.1	44	862	176.59	222.50
PEL1	117.72	171.39	0.69	chr2	2p13.3	37	1223	147.31	140.98
TGM3	201.13	292.84	0.69	chr20	20q11.2	30	568	234.01	253.35
KCNK10	14.32	20.85	0.69	chr14	14q31.3	49	1167	116.71	90.74
Hs.129613	12.43	18.09	0.69	chr6	N/A	17	146	117.86	130.62
C17orf97	57.34	83.49	0.69	chr17	17p13.3	17	332	113.97	113.18
Hs.544656	12.94	18.84	0.69	chr6	N/A	10	73	78.43	89.24
Hs.537394	6.71	9.77	0.69	chr4	N/A	10	73	36.00	100.59
PIGH	38.65	56.27	0.69	chr14	14q24.1	36	544	56.05	49.63
CAMKMT	14.76	21.50	0.69	chr2	2p21	53	1011	113.35	88.91
TTYH2	53.14	77.38	0.69	chr17	17q25.1	55	899	203.23	208.30
Hs.669999	3.84	5.59	0.69	chr10	N/A	1	304	0.00	78.35
TMX3	50.55	73.62	0.69	chr18	18q22	53	993	148.19	114.03
LINC00339	41.58	60.56	0.69	chr1	1p36.12	25	521	95.03	84.09
LILRA2	20.06	29.22	0.69	chr19	19q13.4	47	1876	94.26	480.71
Hs.741821	9.25	13.47	0.69	chr1	N/A	2	608	64.60	66.94
C3orf55	14.71	21.42	0.69	chr3	3q25.32	22	713	71.18	91.04
PAFAH2	28.12	40.96	0.69	chr1	1p36	42	1064	100.16	72.97
THOC2	77.64	113.10	0.69	chrX	Xq25-q26.3	69	1892	195.08	131.17
Hs.445143	9.54	13.90	0.69	chr11	N/A	7	73	62.03	74.58
Hs.732496	26.46	38.55	0.69	chr11	N/A	8	377	71.61	77.08
FRAS1	19.28	28.09	0.69	chr4	4q21.21	130	2860	117.15	139.98
CLEC4D	15.96	23.26	0.69	chr12	12p13.31	20	694	212.52	141.28
EXOC3	48.96	71.33	0.69	chr5	5p15.33	51	774	103.94	88.48
Hs.539001	18.73	27.29	0.69	chr11	N/A	10	73	60.30	68.01
Hs.611370	17.95	26.15	0.69	chr9	N/A	1	304	0.00	34.36
Hs.662620	41.04	59.81	0.69	chr1	N/A	7	73	43.09	53.33
Hs.735127	60.45	88.08	0.69	chr5	N/A	5	51	93.06	64.63
Hs.662088	10.23	14.91	0.69	chr3	N/A	1	304	0.00	47.57
Hs.661458	4.84	7.05	0.69	chr9	N/A	7	73	48.44	76.44
LNX2	43.02	62.68	0.69	chr13	13q12.2	29	412	96.00	60.26

Hs.529584	24.21	35.28	0.69	chr7	N/A	7	73	116.58	61.54
Hs.728378	19.10	27.84	0.69	chr6	N/A	7	73	72.56	79.78
CBX2	16.64	24.25	0.69	chr17	17q25.3	37	1517	116.68	79.42
Hs.649591	12.35	18.00	0.69	chr9	N/A	1	304	0.00	48.35
AGRP	24.81	36.17	0.69	chr16	16q22	31	551	247.25	82.72
NSMCE1	178.79	260.58	0.69	chr16	16p12.1	23	469	124.01	99.86
Hs.660196	26.36	38.41	0.69	chr3	N/A	1	304	0.00	40.88
Hs.599541	8.09	11.79	0.69	chr2	N/A	7	73	95.91	113.59
CAPN6	13.99	20.40	0.69	chrX	Xq23	42	1460	116.89	139.45
Hs.543235	14.78	21.54	0.69	chr3	N/A	1	304	0.00	48.19
MAP4K1	31.14	45.39	0.69	chr19	19q13.1-q13.4	43	1417	82.43	134.82
Hs.527515	31.20	45.49	0.69	chr1	N/A	36	855	84.36	65.34
Hs.702810	91.56	133.47	0.69	chr5	N/A	7	73	81.90	60.63
LOC100507207	75.26	109.71	0.69	chr8	N/A	10	73	101.60	64.30
F2RL2	10.35	15.09	0.69	chr5	5q13	51	973	73.96	113.95
ZNF519	16.25	23.70	0.69	chr18	18p11.21	27	998	151.44	122.84
Hs.406371	23.96	34.94	0.69	chr9	N/A	11	377	50.23	40.17
SKP1	455.64	664.31	0.69	chr5	5q31	90	2070	123.14	109.79
TAS2R31	20.60	30.04	0.69	chr12	12p13.2	16	28	59.12	54.25
MTNR1B	8.21	11.98	0.69	chr11	11q21-q22	23	492	101.15	68.34
AP2B1	94.92	138.41	0.69	chr17	17q11.2-q12	47	952	91.88	97.52
MAPK15	21.19	30.90	0.69	chr8	N/A	35	749	96.16	145.25
Hs.599210	10.12	14.76	0.69	chr12	N/A	1	304	0.00	56.29
Hs.671311	8.17	11.91	0.69	chr9	N/A	2	608	93.44	114.26
LOC152225	5.99	8.74	0.69	chr3	3q12.3	1	307	0.00	73.11
GALNT5	13.45	19.62	0.69	chr2	2q24.1	43	1489	110.31	108.92
LOC100506206	12.11	17.66	0.69	chr1	N/A	14	398	117.65	123.30
Hs.144783	11.25	16.42	0.69	chr9	N/A	2	22	20.01	74.80
Hs.634616	13.75	20.05	0.69	chr9	N/A	7	73	63.76	71.47
OIP5-AS1	71.33	104.05	0.69	chr15	15q15.1	53	923	93.39	82.03
GGA2	44.59	65.05	0.69	chr16	16p12	106	3780	87.68	78.93
CCDC104	93.22	136.01	0.69	chr2	2p16.1	28	468	84.00	88.54
TRIM74	44.84	65.41	0.69	chr7	7q11.23	25	709	79.17	96.76
Hs.655779	21.30	31.07	0.69	chr6	N/A	7	73	52.23	62.74
ZNF793	22.49	32.81	0.69	chr19	19q13.12	18	549	260.09	63.91
SMIM1	19.68	28.71	0.69	chr1	1p36.32	25	494	54.42	82.03
LINC00307	8.88	12.96	0.69	chr21	21q22.11	14	336	65.97	91.23
TRMT10B	36.11	52.70	0.69	chr9	9p13.2	47	873	215.24	96.55
RPL10	943.33	1,376.65	0.69	chrX	Xq28	153	1756	127.19	136.40
Hs.666996	19.83	28.94	0.69	chr14	N/A	2	22	135.85	96.99
Hs.594542	120.73	176.20	0.69	chr5	N/A	7	73	135.76	96.27
Hs.677788	14.67	21.41	0.69	chr7	N/A	1	304	0.00	91.92
LRR61	35.82	52.28	0.69	chr7	7q31-q35	52	707	109.49	98.12
Hs.122054	6.14	8.97	0.69	chr18	N/A	6	66	42.50	139.93
HNRPDL	199.96	291.86	0.69	chr4	4q21.22	72	2752	164.56	102.62
Hs.634988	10.07	14.71	0.69	chr3	N/A	2	22	19.63	55.12
Hs.413205	20.51	29.94	0.68	chr7	N/A	14	146	82.44	54.59
Hs.539123	8.88	12.96	0.68	chr12	N/A	10	73	53.49	75.58
LOC100505782	4.34	6.34	0.68	chr17	N/A	1	304	0.00	62.54
TNKS1BP1	57.41	83.83	0.68	chr11	11q12.1	30	584	160.34	91.42
EXOSC2	29.80	43.51	0.68	chr9	9q34	38	1025	139.39	85.64
NUP153	62.00	90.54	0.68	chr6	6p22.3	66	1398	141.35	118.91
LOC286114	8.98	13.11	0.68	chr8	8p21.3	1	304	0.00	60.01
DDX10	39.99	58.40	0.68	chr11	11q22-q23	39	887	82.36	84.02
POGLUT1	42.95	62.71	0.68	chr3	3q13.33	49	942	125.12	70.05
OR51E1	27.61	40.33	0.68	chr11	11p15.4	19	385	65.45	81.95
SCARB2	171.27	250.16	0.68	chr4	4q21.1	75	1980	134.83	153.21
Hs.132423	7.73	11.29	0.68	chr18	N/A	3	66	42.13	75.11
ZSCAN22	30.91	45.15	0.68	chr19	19q13.43	33	530	68.94	117.86
LYRM7	40.76	59.55	0.68	chr5	5q23.3	73	1252	89.48	79.54
CACNG4	59.69	87.22	0.68	chr17	17q24	50	1443	291.53	231.43
Hs.563274	19.00	27.76	0.68	chr5	N/A	7	73	68.63	94.03
SIGIRR	69.92	102.17	0.68	chr11	11p15.5	32	885	66.52	70.41
Hs.666635	4.54	6.64	0.68	chr15	N/A	2	16	2.28	41.83
MPC1L	5.61	8.19	0.68	chrX	Xp11.4	3	66	42.77	85.89
ASPH	49.87	72.89	0.68	chr8	8q12.1	101	3420	113.66	184.32
Hs.511962	8.83	12.91	0.68	chr6	N/A	7	73	79.40	122.64
TMEM99	83.83	122.55	0.68	chr17	17q21.2	19	40	72.90	158.35
Hs.658296	32.82	47.98	0.68	chr4	N/A	1	304	0.00	52.66
CEP250	37.36	54.62	0.68	chr20	20q11.22	51	1340	219.48	68.56
Hs.580313	15.40	22.51	0.68	chr2	N/A	4	304	72.77	47.11
Hs.440588	5.39	7.88	0.68	chr12	N/A	1	304	0.00	57.86
RPS11	1,567.22	2,291.46	0.68	chr19	19q13.3	38	952	80.50	97.70
ZFHX4-AS1	9.21	13.47	0.68	chr8	8q21.11	12	651	32.21	81.73
Hs.567987	6.75	9.87	0.68	chr9	N/A	3	66	20.51	73.43
TNFRSF10B	32.53	47.57	0.68	chr8	8p22-p21	70	1579	112.35	105.08
ERGIC2	85.29	124.72	0.68	chr12	12p11.22	133	1379	94.80	109.41
PPP4R4	8.52	12.45	0.68	chr14	14q32.2	51	1261	73.30	131.29
Hs.713327	632.73	925.37	0.68	chr10	N/A	15	85	152.87	102.20
STK19	65.60	95.96	0.68	chr6	6p21.3	36	1301	70.43	86.47
NELL2	73.85	108.03	0.68	chr12	12q12	32	627	385.45	147.52
MGAT3	24.09	35.24	0.68	chr22	22q13.1	64	1416	87.57	101.70
PPP2R2A	102.90	150.54	0.68	chr8	8p21.2	56	1376	113.55	73.87
DGCR14	31.55	46.15	0.68	chr22	22q11.2	57	2518	78.69	92.57
GNG10	121.97	178.44	0.68	chr9	9q31.3	72	1010	131.84	88.72
ERVK-6	5.79	8.48	0.68	chr7	7p22.1	11	12	40.70	16.30
Hs.569212	7.16	10.47	0.68	chr12	N/A	8	377	39.39	73.84
Hs.614028	17.16	25.11	0.68	chr8	N/A	1	304	0.00	45.24
OR10G4	12.16	17.80	0.68	chr11	11q24.1	5	52	59.91	59.41
NTF3	24.78	36.27	0.68	chr12	12p13	23	498	97.51	71.15
CIRBP-AS1	17.52	25.64	0.68	chr19	19p13.3	18	638	51.73	91.13
Hs.667288	18.81	27.53	0.68	chr2	N/A	7	73	48.68	329.48
LINC00115	14.02	20.53	0.68	chr1	1p36.33	21	448	103.68	60.04

Hs.664474	2.62	3.84	0.68	chr7	N/A	1	304	0.00	85.96
LPHN3	16.42	24.04	0.68	chr4	4q13.1	56	1395	267.93	147.27
NXNL2	8.82	12.91	0.68	chr9	9q22.1	22	349	104.04	87.07
PDLIM4	38.38	56.19	0.68	chr5	5q31.1	57	2318	135.35	122.49
SIK3	49.45	72.39	0.68	chr11	11q23.3	76	2611	101.32	97.31
Hs.594265	21.19	31.02	0.68	chr5	N/A	7	73	41.49	53.90
PHF12	32.26	47.24	0.68	chr17	17q11.2	30	773	107.68	101.69
Hs.127078	5.92	8.66	0.68	chr7	N/A	10	73	35.74	69.79
GRINA	71.84	105.19	0.68	chr8	8q24.3	87	1077	187.86	90.64
LPXN	58.27	85.33	0.68	chr11	11q12.1	31	881	86.41	115.32
Hs.624661	14.87	21.77	0.68	chr8	N/A	8	12	14.85	26.81
Hs.659173	5.84	8.55	0.68	chr9	N/A	7	73	44.36	98.58
TMEM89	34.22	50.12	0.68	chr3	3p21.31	18	80	169.41	98.08
ACRV1	41.59	60.91	0.68	chr11	11q24.2	61	2694	108.89	326.36
Hs.664021	12.28	17.98	0.68	chr2	N/A	7	73	101.03	100.08
ALDH1L1	55.42	81.17	0.68	chr3	3q21.3	45	1024	103.18	189.48
SIGLEC11	30.98	45.37	0.68	chr19	19q13.33	33	788	263.15	288.15
PKLR	16.91	24.76	0.68	chr1	1q21	69	1517	102.64	200.42
HECTD2	17.73	25.96	0.68	chr10	10q23.32	47	1103	70.38	124.67
Hs.731761	39.26	57.50	0.68	chr2	N/A	15	450	125.20	116.84
Hs.600291	8.33	12.21	0.68	chr17	N/A	7	73	62.10	98.69
Hs.596168	13.13	19.24	0.68	chr14	N/A	7	73	90.69	86.90
LINC00689	17.47	25.59	0.68	chr7	7q36.3	25	1576	148.25	84.25
RRN3	43.81	64.18	0.68	chr16	16p12	82	1419	184.99	101.23
CHSY3	16.00	23.44	0.68	chr5	5q23.3	20	410	96.61	77.34
Hs.147170	7.81	11.44	0.68	chr8	N/A	2	22	44.32	56.87
Hs.745491	19.20	28.14	0.68	chr16	N/A	8	12	18.67	18.32
Hs.731651	58.22	85.30	0.68	chr2	N/A	1	304	0.00	55.81
ARID2	49.44	72.42	0.68	chr12	12q12	69	1741	228.31	117.70
RBM46	6.26	9.17	0.68	chr4	4q32.1	32	784	82.36	181.87
FRAT2	39.07	57.24	0.68	chr10	10q24.1	34	649	109.82	99.32
ALG9	37.70	55.23	0.68	chr11	11q23	48	893	70.60	49.60
Hs.658110	26.61	38.98	0.68	chr7	N/A	7	73	86.31	54.76
LINC00277	21.70	31.79	0.68	chr15	15q23	9	324	121.49	76.32
ZMYM3	48.65	71.29	0.68	chrX	Xq13.1	55	1286	124.08	88.20
ITGB4	32.60	47.78	0.68	chr17	17q25	72	2267	171.22	139.03
RCE1	24.32	35.64	0.68	chr11	11q13	40	1025	88.95	71.17
Hs.648567	144.89	212.33	0.68	chr3	N/A	12	498	68.94	47.81
NPY2R	11.47	16.81	0.68	chr4	4q31	35	1372	141.97	77.62
ZFYVE26	42.30	62.00	0.68	chr14	14q24.1	58	1048	91.92	102.67
Hs.586850	7.57	11.10	0.68	chr14	N/A	10	28	31.61	38.89
LSMEM1	20.65	30.26	0.68	chr7	7q31.1	25	717	74.79	130.55
SETD4	30.01	43.99	0.68	chr21	21q22.13	63	1468	90.82	67.07
LOC647323	7.69	11.27	0.68	chr3	3q29	14	339	94.04	60.35
Hs.599749	13.85	20.31	0.68	chr10	N/A	3	66	37.05	70.25
ELMSAN1	62.25	91.25	0.68	chr14	14q24.3	67	1033	101.38	168.62
SLC25A14	39.02	57.21	0.68	chrX	Xq24	43	1048	68.21	74.18
Hs.661667	29.96	43.93	0.68	chr2	N/A	7	73	54.47	57.23
Hs.224015	9.67	14.17	0.68	chr10	N/A	10	73	55.59	84.40
Hs.145500	95.83	140.51	0.68	chr20	N/A	8	377	67.14	33.13
Hs.726402	15.93	23.36	0.68	chrX	N/A	7	73	109.00	105.23
SLC19A1	16.45	24.12	0.68	chr21	21q22.3	52	2459	111.83	118.07
CHRNA10	15.15	22.21	0.68	chr11	11p15.5	22	758	50.21	51.87
SNORA68	27.21	39.91	0.68	chr19	19p13	2	608	76.83	110.59
KCNA3	10.33	15.15	0.68	chr1	1p13.3	30	569	100.02	126.16
Hs.654799	4.37	6.41	0.68	chr13	N/A	1	312	0.00	68.59
PIK3R3	34.78	51.01	0.68	chr1	1p34.1	55	1483	91.20	120.23
BTG1	358.11	525.21	0.68	chr12	12q22	53	1402	133.92	111.60
Hs.603476	7.92	11.61	0.68	chr4	N/A	2	22	52.49	84.22
VPS13A-AS1	21.46	31.48	0.68	chr9	9q21.2	8	377	99.21	72.50
GPKOW	49.49	72.60	0.68	chrX	Xp11.23	33	638	78.87	56.80
TAF8	23.61	34.65	0.68	chr6	6p21.1	53	1784	75.45	56.24
Hs.600862	5.40	7.92	0.68	chr3	N/A	7	73	44.38	71.57
Hs.678575	23.23	34.09	0.68	chr11	N/A	1	304	0.00	50.43
Hs.603584	10.19	14.95	0.68	chr19	N/A	2	22	1.93	69.39
Hs.634898	28.74	42.18	0.68	chr6	N/A	7	73	109.73	65.17
Hs.707361	100.05	146.83	0.68	chr1	N/A	8	377	113.18	475.74
RAB12	73.21	107.44	0.68	chr18	18p11.22	37	789	90.00	102.22
ABCB4	16.96	24.90	0.68	chr7	7q21.1	34	880	104.39	223.96
Hs.687014	3.19	4.68	0.68	chr10	N/A	1	304	0.00	71.56
Hs.741761	5.70	8.37	0.68	chr1	N/A	7	73	40.83	90.28
Hs.597147	930.05	1,365.04	0.68	chr17	N/A	2	22	85.06	88.05
Hs.665091	141.30	207.39	0.68	chr6	N/A	9	89	109.94	224.74
C3AR1	46.89	68.84	0.68	chr12	12p13.31	35	628	77.58	97.74
Hs.649114	17.06	25.05	0.68	chr7	N/A	7	73	69.55	76.19
Hs.670038	11.13	16.34	0.68	chr4	N/A	14	146	87.81	83.88
OR51J1	18.85	27.68	0.68	chr11	11p15.4	1	304	0.00	40.12
PLA2G12A	69.89	102.62	0.68	chr4	4q25	49	1663	102.66	90.15
Hs.659731	14.33	21.05	0.68	chr19	N/A	3	66	49.73	96.73
SELRC1	36.85	54.11	0.68	chr1	1p32.3	22	776	60.54	61.27
Hs.150679	11.63	17.07	0.68	chr1	N/A	3	66	92.43	67.65
Hs.667283	8.82	12.95	0.68	chr10	N/A	2	22	9.41	44.42
C6orf163	13.43	19.73	0.68	chr6	6q15	19	754	69.60	70.46
ZNF205	22.41	32.91	0.68	chr16	16p13.3	33	574	60.94	103.05
SLC10A2	12.14	17.82	0.68	chr13	13q33	49	762	103.16	105.66
CRTAM	9.77	14.35	0.68	chr11	11q24.1	28	549	92.46	250.11
Hs.675217	20.17	29.63	0.68	chr5	N/A	2	608	124.07	76.07
Hs.617000	3.40	4.99	0.68	chr5	N/A	1	304	0.00	54.74
LINC00266-1	15.15	22.26	0.68	chr20	20q13.33	2	16	13.41	36.72
PLAC1	20.74	30.47	0.68	chrX	Xq26	28	526	84.73	63.37
ZCCHC5	29.67	43.58	0.68	chrX	Xq21.1	29	459	243.33	110.12
PILRA	22.52	33.08	0.68	chr7	7q22.1	42	968	66.73	97.48
TFE3	65.23	95.83	0.68	chrX	Xp11.22	37	1605	106.56	111.06

ATXN1	44.10	64.78	0.68	chr6	6p23	55	2055	116.24	92.44
GPX4	420.85	618.27	0.68	chr19	19p13.3	48	664	125.53	128.68
Hs.13480	10.27	15.09	0.68	chr8	N/A	21	405	93.93	90.01
Hs.602739	7.63	11.21	0.68	chr20	N/A	7	73	69.45	116.39
Hs.126605	14.60	21.45	0.68	chr12	N/A	25	523	69.36	56.05
LOC100287015	6.98	10.26	0.68	chr8	8p23.1	9	681	40.10	69.27
ZIM3	4.66	6.85	0.68	chr19	N/A	29	414	133.50	110.75
Hs.673489	32.46	47.70	0.68	chr14	N/A	1	304	0.00	42.37
EPHA6	18.21	26.77	0.68	chr3	3q11.2	37	740	180.29	244.35
Hs.665189	9.98	14.66	0.68	chr12	N/A	1	304	0.00	76.36
SFMBT1	39.83	58.53	0.68	chr3	3p21.1	44	946	69.58	234.56
Hs.732514	52.39	76.99	0.68	chr13	N/A	7	73	69.99	44.25
WDR75	65.15	95.74	0.68	chr2	2q32.2	28	521	53.93	46.93
NEDD4L	42.09	61.86	0.68	chr18	18q21	107	2612	93.18	204.35
Hs.436569	6.90	10.14	0.68	chr11	N/A	7	73	26.54	67.79
IGF1	62.12	91.31	0.68	chr12	12q23.2	127	2294	160.45	137.21
CAPN2	297.61	437.49	0.68	chr1	1q41-q42	35	1009	73.99	109.56
Hs.604539	53.53	78.69	0.68	chr1	N/A	7	73	122.76	91.87
Hs.662711	7.38	10.85	0.68	chr16	N/A	7	73	71.69	74.08
Hs.131773	9.85	14.48	0.68	chr3	N/A	4	304	44.09	160.40
Hs.128812	12.36	18.18	0.68	chr11	N/A	18	450	81.61	112.80
Hs.561319	18.40	27.06	0.68	chr4	N/A	1	304	0.00	69.79
TMEM51	41.57	61.12	0.68	chr1	1p36.21	25	533	114.48	67.81
TMC1	7.97	11.72	0.68	chr9	9q21.12	28	491	96.02	90.82
Hs.88605	16.05	23.61	0.68	chr2	N/A	1	304	0.00	73.79
Hs.670134	18.85	27.72	0.68	chr14	N/A	1	304	0.00	39.65
FJX1	23.95	35.22	0.68	chr11	11p13	28	531	90.98	88.01
C4orf21	16.85	24.77	0.68	chr4	4q25	28	1112	153.61	163.35
DIO3	27.79	40.87	0.68	chr14	14q32	30	575	85.42	86.65
LOC100507652	11.31	16.64	0.68	chr1	N/A	11	332	43.11	80.99
Hs.538121	7.70	11.33	0.68	chr1	N/A	5	22	56.74	59.82
Hs.664220	9.95	14.64	0.68	chr3	N/A	7	73	46.59	104.89
Hs.408530	6.02	8.86	0.68	chr16	N/A	8	377	78.41	72.40
PPP1R7	77.81	114.47	0.68	chr2	2q37.3	56	1615	97.92	116.29
Hs.523580	8.40	12.36	0.68	chr11	N/A	6	66	92.51	93.65
Hs.666458	6.28	9.24	0.68	chr1	N/A	7	73	72.63	95.61
Hs.663638	15.27	22.46	0.68	chr6	N/A	21	1172	76.96	82.73
Hs.661843	3.34	4.91	0.68	chr7	N/A	1	304	0.00	79.23
HOXA2	9.91	14.58	0.68	chr7	7p15.2	33	565	71.02	110.89
Hs.560346	7.05	10.37	0.68	chr15	N/A	1	304	0.00	61.45
Hs.677204	11.92	17.54	0.68	chr6	N/A	1	307	0.00	53.58
PRAME	23.87	35.12	0.68	chr22	22q11.22	46	593	110.42	166.44
CHRM5	16.14	23.75	0.68	chr15	15q26	28	535	103.34	67.13
C1orf174	52.91	77.86	0.68	chr1	1p36.32	28	879	66.62	74.70
IGSF10	39.93	58.76	0.68	chr3	3q25.1	31	490	131.75	95.47
TPT1	4,065.62	5,983.33	0.68	chr13	13q14	68	1855	77.17	42.36
TBCA	261.03	384.18	0.68	chr5	5q14.1	55	869	151.73	94.82
C16orf11	34.61	50.94	0.68	chr16	16p13.3	16	389	100.24	92.61
C2CD4C	32.39	47.68	0.68	chr19	19p13.3	16	396	59.23	56.33
TBP	48.20	70.95	0.68	chr6	6q27	45	721	76.12	71.11
TTC16	13.73	20.21	0.68	chr9	9q34.11	31	482	101.33	120.91
Hs.633791	14.77	21.75	0.68	chr19	N/A	1	304	0.00	48.37
LOC728342	5.99	8.82	0.68	chr5	5q23.1	1	304	0.00	72.87
EXO1	16.40	24.14	0.68	chr1	1q42-q43	126	719	210.67	74.20
ZEB1	70.80	104.24	0.68	chr10	10p11.2	48	1794	187.21	156.84
KRTAP11-1	27.07	39.86	0.68	chr21	21q22.1	17	332	77.71	104.63
Hs.656706	6.13	9.03	0.68	chrX	N/A	7	459	57.45	65.41
Hs.537161	7.26	10.68	0.68	chr11	N/A	10	73	62.65	75.94
FAM47B	6.93	10.21	0.68	chrX	Xp21.1	20	333	84.31	172.79
Hs.666678	12.20	17.96	0.68	chr11	N/A	2	22	59.89	97.52
ARMC2	15.43	22.71	0.68	chr6	6q21	41	544	96.43	166.14
Hs.131732	98.03	144.36	0.68	chr19	N/A	8	12	14.06	6.66
UPF1	67.62	99.59	0.68	chr19	19p13.2-p13.1	42	1069	80.79	77.21
ARHGAP21	72.93	107.41	0.68	chr10	10p12.3	42	907	103.29	130.86
Hs.741704	6.57	9.67	0.68	chr1	N/A	7	73	86.84	66.94
C11orf84	28.66	42.21	0.68	chr11	11q13.1	26	466	76.75	49.19
Hs.594650	35.82	52.76	0.68	chr15	N/A	7	73	51.74	79.91
GIPC1	95.02	139.94	0.68	chr19	19p13.1	38	640	101.56	93.91
Hs.550386	12.44	18.31	0.68	chr2	N/A	7	73	77.80	107.82
FBXO41	21.52	31.70	0.68	chr2	2p13.2	35	1362	61.24	107.36
PRAMEF2	7.15	10.53	0.68	chr1	1p36.21	12	77	44.24	55.90
ZFHX2	32.29	47.56	0.68	chr14	14q11.2	36	871	119.99	75.37
C11orf30	26.75	39.41	0.68	chr11	11q13.5	62	2280	120.44	93.19
Hs.665791	13.07	19.26	0.68	chr3	N/A	14	146	69.07	85.29
APMAP	163.10	240.28	0.68	chr20	20p11.2	47	1259	95.56	164.75
Hs.664687	9.56	14.08	0.68	chrX	N/A	7	73	93.80	94.98
IMPA1	82.05	120.91	0.68	chr8	8q21.13-q21.3	53	670	87.62	69.57
IFNA5	10.31	15.19	0.68	chr9	9p22	25	531	52.90	84.51
STAU1	225.66	332.55	0.68	chr20	20q13.1	58	1910	142.75	57.62
ADCK2	34.90	51.43	0.68	chr7	7q34	60	1894	124.30	77.88
DNAH14	8.10	11.94	0.68	chr1	1q42.12	52	1394	76.54	227.95
Hs.145933	5.85	8.62	0.68	chr6	N/A	11	377	26.17	137.03
PRPH2	32.96	48.58	0.68	chr6	6p21.2-p12.3	28	538	96.66	63.81
INA	61.89	91.22	0.68	chr10	10q24.33	30	569	318.62	151.81
RAD18	16.84	24.82	0.68	chr3	3p25-p24	53	1553	142.44	120.59
Hs.661327	6.08	8.97	0.68	chr6	N/A	15	450	93.15	123.75
TLCD1	25.58	37.71	0.68	chr17	17q11.2	19	393	66.30	68.06
FAM103A1	67.13	98.97	0.68	chr15	15q25.2	38	497	76.17	70.41
STOX1	16.60	24.47	0.68	chr10	10q22.1	44	901	79.14	150.12
Hs.446044	12.64	18.63	0.68	chr5	N/A	1	304	0.00	40.24
PKM	357.03	526.38	0.68	chr15	15q22	51	599	98.04	93.59
ALX3	15.30	22.56	0.68	chr1	1p13.3	26	492	87.17	65.82
Hs.103822	37.67	55.54	0.68	chr2	N/A	7	73	58.89	85.84

KCNK9	15.01	22.13	0.68	chr8	8q24.3	26	468	87.29	86.98
Hs.686598	14.48	21.35	0.68	chr1	N/A	1	304	0.00	69.86
Hs.596083	42.18	62.20	0.68	chr18	N/A	8	377	54.07	53.11
TOPORS	47.00	69.31	0.68	chr9	9p21	38	628	112.51	97.28
Hs.130534	10.38	15.31	0.68	chrX	N/A	3	66	71.19	108.32
LOC100126784	7.33	10.81	0.68	chr11	11p15.1	20	1013	59.48	78.85
Hs.570067	9.85	14.53	0.68	chr2	N/A	3	66	54.77	79.68
MGAT5	53.49	78.89	0.68	chr2	2q21.3	48	1051	148.42	110.88
NSRP1	54.22	79.97	0.68	chr17	17q11.2	46	648	81.93	72.95
SEC11A	321.42	474.11	0.68	chr15	15q25.3	45	1049	60.98	58.87
Hs.661493	11.37	16.77	0.68	chr5	N/A	14	146	95.24	94.11
Hs.181895	11.74	17.31	0.68	chr1	N/A	22	523	56.26	70.61
C14orf169	66.75	98.47	0.68	chr14	14q24.3	18	460	41.06	54.26
IPO13	90.40	133.37	0.68	chr1	1p34.1	40	600	113.74	79.34
GPATCH4	40.84	60.25	0.68	chr1	1q22	52	1946	92.27	77.24
IQCA1	15.71	23.18	0.68	chr2	2q37.3	51	1863	129.27	132.18
Hs.560054	6.32	9.32	0.68	chr12	N/A	7	73	50.44	70.48
Hs.716747	243.91	359.96	0.68	chr4	N/A	7	73	67.21	110.88
TMEM168	55.54	81.96	0.68	chr7	7q31.32	36	917	108.98	84.68
RHBDF2	37.58	55.46	0.68	chr17	17q25.1	43	604	104.44	80.57
Hs.602889	20.49	30.24	0.68	chr9	N/A	7	73	87.31	73.69
MARC2	55.11	81.34	0.68	chr1	1q41	33	953	66.78	104.00
TUBB1	12.90	19.04	0.68	chr20	20q13.32	46	919	216.72	127.80
CUL1	112.98	166.81	0.68	chr7	7q36.1	44	666	122.86	205.49
NAB1	36.41	53.76	0.68	chr2	2q32.3-q33	71	1968	107.94	115.65
Hs.129621	1,128.12	1,665.68	0.68	chr21	N/A	7	73	88.92	80.01
Hs.128889	4.08	6.03	0.68	chr12	N/A	4	630	62.01	77.63
TRIM13	55.46	81.90	0.68	chr13	13q14	68	1713	79.73	94.21
Hs.133897	5.24	7.73	0.68	chr8	N/A	7	73	29.17	58.90
FADS2	62.63	92.49	0.68	chr11	11q12.2	48	982	98.73	161.77
CDCA3	22.97	33.93	0.68	chr12	12p13	46	931	132.87	105.80
Hs.126509	9.73	14.38	0.68	chr10	N/A	7	73	69.93	96.06
Hs.734282	12.11	17.88	0.68	chr3	N/A	12	687	88.27	64.94
Hs.597256	27.01	39.90	0.68	chr2	N/A	7	73	50.28	50.86
Hs.529542	17.86	26.39	0.68	chr3	N/A	4	304	23.84	59.44
Hs.654811	20.64	30.48	0.68	chr10	N/A	4	370	72.13	46.93
MAST4	74.97	110.74	0.68	chr5	5q12.3	101	3128	163.37	118.14
PVRL2	56.30	83.17	0.68	chr19	19q13.2	48	1577	103.80	75.41
Hs.602630	8.54	12.62	0.68	chr17	N/A	7	73	110.90	75.13
Hs.667034	23.07	34.08	0.68	chr11	N/A	7	73	125.40	59.57
ACRC	21.57	31.87	0.68	chrX	Xq13.1	26	469	79.07	77.16
Hs.660927	69.13	102.15	0.68	chr2	N/A	7	73	100.76	60.25
PODN	58.35	86.21	0.68	chr1	1p32.3	33	536	190.28	99.98
CALCR	11.66	17.23	0.68	chr7	7q21.3	33	963	99.90	96.84
Hs.659628	27.56	40.73	0.68	chr6	N/A	1	304	0.00	75.76
PDPK1	73.26	108.26	0.68	chr16	16p13.3	101	2357	133.78	116.98
Hs.125537	7.76	11.47	0.68	chr11	N/A	2	22	23.94	64.04
Hs.551951	5.96	8.81	0.68	chr15	N/A	8	377	77.34	156.43
Hs.714052	716.39	1,058.78	0.68	chr19	N/A	7	73	86.20	82.47
CA10	12.80	18.91	0.68	chr17	17q21.33	38	963	87.30	138.78
Hs.655322	31.19	46.09	0.68	chr8	N/A	8	377	58.48	61.77
LINC00240	7.65	11.30	0.68	chr6	6p22.2	1	304	0.00	65.46
ZNF667	21.98	32.49	0.68	chr19	19q13.43	32	836	79.87	108.17
CXorf58	6.07	8.97	0.68	chrX	Xp22.11	17	332	56.04	83.27
KDM4C	31.72	46.89	0.68	chr9	9p24.1	96	1759	383.80	76.30
AGO2	50.51	74.68	0.68	chr8	8q24	58	1206	177.07	133.34
LINC00654	18.59	27.49	0.68	chr20	20p12.3	41	234	54.36	170.79
KIF7	21.36	31.59	0.68	chr15	15q26.1	26	475	107.27	92.29
ZNF395	75.10	111.04	0.68	chr8	8p21.1	66	1966	123.85	85.56
HSD17B12	93.84	138.76	0.68	chr11	11p11.2	58	1591	175.38	171.55
L3HYPDH	42.29	62.54	0.68	chr14	14q23.1	29	468	73.28	80.95
ING2	29.77	44.01	0.68	chr4	4q35.1	39	1048	75.57	83.25
Hs.664459	34.48	50.98	0.68	chr2	N/A	7	73	132.15	140.76
FLJ30403	12.99	19.21	0.68	chr19	19q13.41	10	36	32.03	60.03
SENP3	41.37	61.18	0.68	chr17	17p13	49	1445	101.77	65.28
HTT	35.48	52.47	0.68	chr4	4p16.3	56	1170	99.27	78.72
Hs.509113	7.51	11.10	0.68	chr14	N/A	7	73	47.39	98.12
Hs.665217	13.87	20.52	0.68	chr10	N/A	7	73	131.79	89.27
Hs.128627	9.97	14.75	0.68	chr19	N/A	2	22	94.15	70.84
Hs.135763	69.36	102.59	0.68	chr4	N/A	15	450	109.40	107.86
CCDC57	18.67	27.62	0.68	chr17	17q25.3	102	2045	105.70	77.55
ELP3	52.87	78.20	0.68	chr8	8p21.1	46	938	121.18	86.02
UTP3	56.49	83.55	0.68	chr4	4q13.3	35	616	71.37	66.59
RECQL	41.60	61.52	0.68	chr12	12p12	55	1887	168.85	99.72
Hs.562098	5.30	7.85	0.68	chr1	N/A	5	22	42.83	63.73
Hs.662906	14.02	20.74	0.68	chr3	N/A	7	73	90.14	82.65
LOC100128830	18.31	27.08	0.68	chr10	10q26.3	4	304	36.63	51.78
Hs.553192	15.71	23.24	0.68	chr1	N/A	1	304	0.00	51.98
Hs.667398	9.82	14.53	0.68	chr10	N/A	2	22	36.49	36.91
Hs.610315	48.47	71.71	0.68	chr17	N/A	10	28	37.54	69.41
Hs.98632	16.02	23.71	0.68	chr15	N/A	3	66	73.11	117.38
LOC100996637	14.65	21.67	0.68	chr2	N/A	10	73	80.03	104.82
Hs.666515	4.27	6.31	0.68	chr8	N/A	2	22	10.75	67.64
OR52H1	114.62	169.61	0.68	chr11	11p15.4	8	52	174.08	61.22
LRRc31	10.07	14.90	0.68	chr3	3q26.2	38	553	78.77	117.92
Hs.438801	21.32	31.55	0.68	chr5	N/A	8	377	180.25	178.39
Hs.660236	8.94	13.22	0.68	chr15	N/A	14	146	72.10	75.49
SMIM8	26.70	39.52	0.68	chr6	6q15-q16.1	63	1481	79.61	95.25
C11orf63	17.78	26.32	0.68	chr11	11q24.1	53	882	221.98	94.64
GPHA2	16.90	25.01	0.68	chr11	11q13.1	17	336	54.36	87.60
FAM98C	42.02	62.22	0.68	chr19	19q13.2	34	813	84.27	79.34
TBC1D30	15.47	22.90	0.68	chr12	12q14.3	43	1512	118.36	73.17
Hs.659614	18.60	27.54	0.68	chr11	N/A	7	73	138.69	55.70

Hs.544103	3.45	5.11	0.68	chr5	N/A	10	16	33.96	25.41
PGAP2	65.60	97.14	0.68	chr11	11p15.5	38	1005	61.50	69.43
Hs.712279	13.00	19.24	0.68	chr10	N/A	7	73	48.15	106.51
OPN4	15.27	22.62	0.68	chr10	10q22	22	388	63.67	85.22
MBNL2	71.67	106.15	0.68	chr13	13q32.1	102	2160	138.41	141.25
TMEM222	111.59	165.27	0.68	chr1	1p36.11	33	956	124.02	77.07
NUP155	31.44	46.57	0.68	chr5	5p13.1	33	577	103.47	153.47
Hs.159356	6.71	9.94	0.68	chr16	N/A	2	22	32.65	51.71
MRGPRE	45.08	66.78	0.67	chr11	11p15.4	17	132	86.56	76.24
SNX24	32.66	48.39	0.67	chr5	5q23.2	51	1593	86.00	101.08
Hs.593807	12.63	18.71	0.67	chr8	N/A	1	304	0.00	37.24
Hs.116865	9.37	13.89	0.67	chr2	N/A	10	73	64.45	75.41
Hs.146719	5.92	8.77	0.67	chr14	N/A	10	73	47.54	68.02
WBP2NL	7.90	11.71	0.67	chr22	22q13.2	19	384	116.36	115.81
Hs.6985	11.65	17.27	0.67	chr2	N/A	8	377	72.22	92.28
Hs.434324	12.81	18.99	0.67	chr9	N/A	4	304	123.68	51.31
ATRN	44.13	65.40	0.67	chr20	20p13	71	1242	72.77	64.52
MGRN1	92.51	137.10	0.67	chr16	16p13.3	30	562	69.20	48.95
AIF1	58.12	86.14	0.67	chr6	6p21.3	58	1927	93.34	141.95
ZNF566	18.43	27.32	0.67	chr19	19q13.12	52	717	123.74	86.61
C16orf92	12.69	18.81	0.67	chr16	16p11.2	14	332	50.86	58.25
Hs.662285	7.05	10.44	0.67	chr8	N/A	3	326	50.79	68.73
AXIN1	40.02	59.32	0.67	chr16	16p13.3	37	645	117.27	79.81
Hs.592852	17.31	25.67	0.67	chr13	N/A	3	66	30.87	61.82
ASB16	86.63	128.42	0.67	chr17	17q21.31	27	369	52.06	99.44
Hs.127352	15.89	23.55	0.67	chr14	N/A	6	66	31.41	130.86
Hs.712739	9.76	14.47	0.67	chr16	N/A	25	478	95.93	150.75
Hs.660695	9.23	13.69	0.67	chr16	N/A	3	66	84.98	65.70
Hs.202388	5.20	7.72	0.67	chr16	N/A	1	304	0.00	49.80
EIF6	146.28	216.86	0.67	chr20	20q12	39	589	66.51	64.12
RANBP2	87.48	129.69	0.67	chr2	2q12.3	65	1883	126.89	115.54
Hs.732292	87.70	130.02	0.67	chr12	N/A	1	304	0.00	77.23
LOH12CR2	13.62	20.19	0.67	chr12	12p13.2	20	431	76.62	70.18
CPT1C	38.33	56.83	0.67	chr19	19q13.33	22	397	141.21	152.37
Hs.547601	26.84	39.80	0.67	chr22	N/A	11	377	86.16	62.76
PCDHB16	21.53	31.93	0.67	chr5	5q31	20	343	42.88	98.74
Hs.555199	10.62	15.74	0.67	chr3	N/A	1	304	0.00	62.24
UFC1	245.55	364.14	0.67	chr1	1q23.3	28	533	75.79	55.05
TAF11	56.02	83.08	0.67	chr6	6p21.31	36	1239	94.52	72.01
DNAJC3-AS1	10.68	15.84	0.67	chr13	13q32.1	24	686	44.00	80.04
Hs.656557	9.43	13.99	0.67	chr1	N/A	10	28	66.93	57.65
Hs.633322	23.63	35.04	0.67	chr7	N/A	12	124	120.77	114.78
MEGF8	42.13	62.49	0.67	chr19	19q12	49	1109	99.63	86.99
OCRL	59.87	88.81	0.67	chrX	Xq25	65	1143	99.77	86.31
Hs.572154	8.68	12.88	0.67	chr12	N/A	1	304	0.00	48.70
ASAP1	78.02	115.73	0.67	chr8	8q24.1-q24.2	73	2079	136.07	93.44
LIMS3	45.38	67.31	0.67	chr2	2q13	50	636	100.75	178.91
USP12	37.78	56.05	0.67	chr13	13q12.13	58	1245	139.69	85.85
Hs.666613	17.82	26.43	0.67	chr2	N/A	3	66	65.91	82.47
HDAC3	95.52	141.71	0.67	chr5	5q31	30	577	135.98	72.35
LOC100506885	8.99	13.33	0.67	chr6	N/A	11	377	39.24	72.62
Hs.635608	7.02	10.41	0.67	chr18	N/A	1	304	0.00	61.47
Hs.657469	10.32	15.31	0.67	chr16	N/A	2	16	7.10	31.24
ELP4	30.96	45.94	0.67	chr11	11p13	51	791	94.28	80.25
KLHL4	13.19	19.57	0.67	chrX	Xq21.3	39	845	50.17	82.52
ZNF768	37.97	56.35	0.67	chr16	16p11.2	28	533	71.78	61.59
Hs.539767	7.81	11.59	0.67	chr15	N/A	5	22	47.74	78.02
ARMC5	36.17	53.69	0.67	chr16	16p11.2	26	469	84.50	71.68
Hs.659064	18.19	27.00	0.67	chr2	N/A	7	73	58.85	51.45
SLC5A3	7.39	10.96	0.67	chr21	21q22.12	5	39	36.72	46.85
EXOSC5	40.77	60.51	0.67	chr19	19q13.1	28	538	99.48	56.09
Hs.575726	99.94	148.35	0.67	chr20	N/A	7	73	77.15	133.82
Hs.661701	6.52	9.68	0.67	chr10	N/A	7	73	45.51	205.28
Hs.602905	5.23	7.76	0.67	chr4	N/A	2	22	17.48	43.13
HAP1	26.00	38.61	0.67	chr17	17q21.2-q21.3	44	940	112.58	104.06
Hs.664140	9.02	13.39	0.67	chr1	N/A	7	73	46.69	56.79
LBX2	43.59	64.72	0.67	chr2	2p13.1	19	185	167.58	108.83
POLR1C	54.08	80.29	0.67	chr6	6p21.1	36	975	76.25	50.06
NCK1	58.82	87.34	0.67	chr3	3q21	45	1412	89.41	79.27
Hs.733965	15.80	23.46	0.67	chr9	N/A	8	377	77.52	98.92
TOMM5	184.40	273.84	0.67	chr9	9p13.2	25	721	46.76	37.98
Hs.657227	9.63	14.31	0.67	chr5	N/A	14	146	45.67	80.22
OR52A1	18.64	27.69	0.67	chr11	11p15.5	21	453	68.81	72.64
SULT1A2	114.23	169.67	0.67	chr16	16p12.1	29	897	68.44	76.39
DDX39A	133.30	198.00	0.67	chr19	19p13.12	26	504	67.14	128.30
SGCZ	5.84	8.67	0.67	chr8	8p22	19	385	57.21	73.15
Hs.594106	26.98	40.08	0.67	chr14	N/A	10	985	72.99	56.11
MAU2	43.55	64.70	0.67	chr19	19p13.11	67	2304	89.50	111.31
KRT31	28.18	41.86	0.67	chr17	17q12-q21	27	577	82.49	195.32
Hs.455471	17.07	25.36	0.67	chr10	N/A	7	73	49.30	71.16
Hs.560675	9.72	14.44	0.67	chr3	N/A	7	73	34.19	131.45
Hs.668266	37.54	55.76	0.67	chr5	N/A	1	304	0.00	35.81
Hs.542360	5.77	8.57	0.67	chr20	N/A	10	73	63.73	94.72
LINC00442	14.95	22.21	0.67	chr13	13q12.11	8	12	25.26	18.06
Hs.543286	7.98	11.85	0.67	chr3	N/A	2	22	123.96	72.80
Hs.657417	6.36	9.45	0.67	chr1	N/A	1	304	0.00	71.11
Hs.185701	37.38	55.55	0.67	chr15	N/A	22	140	122.61	112.69
Hs.531610	6.17	9.16	0.67	chr6	N/A	2	22	56.28	76.37
PDE6A	18.51	27.52	0.67	chr5	5q31.2-q34	37	655	129.46	63.97
Hs.594758	22.63	33.64	0.67	chr17	N/A	1	304	0.00	47.82
CLDN10-AS1	9.02	13.41	0.67	chr13	N/A	4	304	66.11	79.68
LCNL1	25.55	37.97	0.67	chr9	9q34.3	5	608	65.85	96.57
Hs.666611	5.57	8.27	0.67	chr18	N/A	7	73	33.54	81.81

EDN2	14.34	21.31	0.67	chr1	1p34	37	646	60.91	124.34
Hs.669550	8.17	12.15	0.67	chr2	N/A	1	304	0.00	50.53
Hs.368913	5.50	8.17	0.67	chrY	N/A	2	22	1.18	53.14
Hs.134920	11.63	17.30	0.67	chr13	N/A	10	73	66.68	151.13
RPIA	54.97	81.73	0.67	chr2	2p11.2	52	732	85.57	103.11
RAD54L	19.16	28.48	0.67	chr1	1p32	32	604	173.97	90.18
ZCCHC11	55.07	81.88	0.67	chr1	1p32.3	38	992	84.11	97.76
PTPRA	42.35	62.96	0.67	chr20	20p13	92	2318	93.56	94.53
FBXL20	39.87	59.27	0.67	chr17	17q12	46	1895	95.62	91.70
Hs.562528	17.70	26.32	0.67	chr14	N/A	10	73	46.15	56.94
Hs.710421	35.98	53.50	0.67	chr15	N/A	8	377	65.99	62.11
Hs.148700	6.53	9.71	0.67	chr22	N/A	2	22	26.07	106.76
TAB3	27.03	40.19	0.67	chrX	Xp21.2	52	1537	162.71	131.48
MTG2	25.09	37.31	0.67	chr20	20q13.33	49	1783	105.34	113.45
CXCL16	69.31	103.08	0.67	chr17	17p13	29	469	181.16	90.62
Hs.655919	5.24	7.79	0.67	chr20	N/A	8	383	63.59	160.11
ALDH9A1	296.02	440.27	0.67	chr1	1q23.1	30	577	137.34	73.10
ADCY10	10.68	15.88	0.67	chr1	1q24	47	1081	77.51	111.92
Hs.196026	9.28	13.80	0.67	chr1	N/A	7	73	64.70	79.41
RPL15	761.34	1,132.49	0.67	chr3	3p24.2	63	1473	114.10	85.09
Hs.602928	9.60	14.28	0.67	chr12	N/A	7	73	77.63	82.27
ZNF441	7.76	11.55	0.67	chr19	19p13.2	20	689	57.28	91.71
GPR39	11.25	16.74	0.67	chr2	2q21-q22	32	1132	117.89	98.04
Hs.661118	6.25	9.29	0.67	chr13	N/A	2	608	40.94	74.83
Hs.25479	16.53	24.60	0.67	chr10	N/A	10	73	96.07	222.70
AKT3	46.63	69.37	0.67	chr1	1q44	98	2652	263.49	104.84
Hs.706947	12.39	18.43	0.67	chr6	N/A	1	304	0.00	47.98
Hs.608171	17.46	25.98	0.67	chr5	N/A	5	420	86.05	214.60
Hs.603444	7.26	10.80	0.67	chr20	N/A	11	332	121.34	211.18
SLC9A1	35.55	52.89	0.67	chr1	1p36.1-p35	112	2589	182.99	151.36
Hs.736980	11.47	17.07	0.67	chr20	N/A	1	304	0.00	39.15
Hs.668508	7.47	11.11	0.67	chr12	N/A	7	73	56.98	86.44
Hs.658552	10.02	14.91	0.67	chr1	N/A	7	73	88.39	106.97
Hs.445219	6.50	9.68	0.67	chr10	N/A	4	304	47.18	56.26
CSF2	13.77	20.50	0.67	chr5	5q31.1	37	1026	115.34	91.80
WDPCP	69.59	103.55	0.67	chr2	2p15	19	719	103.85	62.87
DTNB	20.99	31.24	0.67	chr2	2p24	45	1014	101.25	98.95
Hs.262868	7.37	10.97	0.67	chr22	N/A	7	73	57.81	68.93
TRPM5	13.50	20.10	0.67	chr11	11p15.5	19	384	50.15	75.67
Hs.657158	17.67	26.30	0.67	chr12	N/A	1	304	0.00	59.06
Hs.423336	31.51	46.90	0.67	chr6	N/A	4	304	52.75	31.04
Hs.660191	12.61	18.76	0.67	chr15	N/A	7	73	108.69	92.28
HIST2H2BF	20.57	30.63	0.67	chr1	1q21.2	13	28	57.30	71.22
ADRA2B	20.47	30.47	0.67	chr2	2q11.1	35	606	97.25	72.81
SLC16A4	24.82	36.94	0.67	chr1	1p13.3	43	605	87.35	157.34
Hs.655504	114.47	170.42	0.67	chr19	N/A	1	304	0.00	62.77
ZBTB80S	64.63	96.22	0.67	chr1	1p35.1	26	457	57.61	49.47
ATG14	63.35	94.32	0.67	chr14	14q22.3	39	697	112.65	72.97
PTER	39.07	58.17	0.67	chr10	10p12	36	872	114.01	87.76
DISP1	32.67	48.65	0.67	chr1	1q41	44	906	72.30	60.78
LZTR1	72.22	107.54	0.67	chr22	22q11.1-q11.2	30	577	92.45	62.52
C8orf46	14.96	22.27	0.67	chr8	8q13.1	36	1048	132.16	209.58
PP12708	4.55	6.77	0.67	chr7	7q34	10	332	30.96	73.52
TCEAL3	230.01	342.51	0.67	chrX	Xq22.2	29	469	90.33	92.34
Hs.733119	11.64	17.34	0.67	chr17	N/A	8	377	66.60	68.24
SSFA2	67.96	101.21	0.67	chr2	2q31.3	73	1588	205.95	129.34
ITGA5	85.48	127.30	0.67	chr12	12q11-q13	28	555	111.58	183.35
ZNF274	62.67	93.34	0.67	chr19	19qter	37	881	77.08	47.30
PRLH	29.30	43.64	0.67	chr2	2q37.3	21	465	94.44	61.14
MARCKS	175.17	260.95	0.67	chr6	6q22.2	63	2242	212.94	95.21
OR10K1	13.11	19.53	0.67	chr1	1q23.1	8	52	50.19	29.93
Hs.544648	107.47	160.11	0.67	chr6	N/A	10	73	135.05	92.51
SOLH	29.49	43.94	0.67	chr16	16p13.3	49	907	121.00	68.27
COL11A1	15.32	22.83	0.67	chr1	1p21	59	1437	149.54	206.39
Hs.668533	8.92	13.29	0.67	chr19	N/A	10	73	65.20	149.45
FRA10AC1	35.99	53.63	0.67	chr10	10q23.33	66	1303	120.44	111.26
ZNF19	15.59	23.23	0.67	chr16	16q22	1	304	0.00	65.05
FAM111B	9.01	13.43	0.67	chr11	11q12.1	27	766	91.60	103.94
Hs.715019	10.41	15.52	0.67	chr11	N/A	1	304	0.00	46.11
CCL27	12.84	19.14	0.67	chr9	9p13	23	495	93.34	177.44
SRRT	86.04	128.22	0.67	chr7	7q21	82	2455	168.97	138.84
Hs.539067	24.45	36.44	0.67	chr11	N/A	13	28	44.98	70.96
GDF10	24.56	36.61	0.67	chr10	10q11.22	42	644	132.41	97.47
USP38	42.94	64.00	0.67	chr4	N/A	35	860	94.84	71.39
HYLS1	42.43	63.24	0.67	chr11	11q24.2	26	469	84.95	88.67
DNAH9	14.33	21.37	0.67	chr17	17p12	44	1328	116.31	88.27
LRRRC8	38.55	57.46	0.67	chr1	1p22.2	41	1472	93.01	79.33
TGFB3	254.91	379.98	0.67	chr1	1p33-p32	46	968	104.72	121.95
OLFML2B	50.23	74.88	0.67	chr1	1q23.3	40	597	107.43	89.45
FLJ31104	18.52	27.61	0.67	chr5	5q11.2	1	304	0.00	33.50
SF3A1	96.87	144.40	0.67	chr22	22q12.2	74	1805	88.06	67.85
MRM1	22.07	32.89	0.67	chr17	17q12	21	460	42.16	43.72
ZNF45	18.89	28.16	0.67	chr19	19q13.2	38	951	112.88	78.90
MTHFD1L	19.29	28.76	0.67	chr6	6q25.1	66	1537	100.16	117.70
SOX12	21.88	32.62	0.67	chr20	20p13	38	583	76.12	68.11
ZNF16	31.87	47.50	0.67	chr8	8q24	34	538	92.82	41.40
C6orf195	8.92	13.30	0.67	chr6	6p25.2	17	332	115.82	58.27
DGKD	80.49	120.01	0.67	chr2	2q37.1	41	616	87.75	80.34
RBM48	15.08	22.48	0.67	chr7	7q21.2	34	1656	77.61	69.57
Hs.667145	77.72	115.87	0.67	chr14	N/A	7	73	45.06	61.34
TRIM15	21.85	32.58	0.67	chr6	6p21.3	70	1592	152.01	153.80
TXNDC2	21.51	32.08	0.67	chr18	N/A	28	743	190.31	256.19
KLHL26	24.94	37.19	0.67	chr19	19p13.11	28	533	76.07	61.41

DDX42	81.41	121.40	0.67	chr17	17q23.3	45	1201	99.93	100.93
Hs.664591	24.99	37.26	0.67	chr5	N/A	7	73	112.37	54.13
PPP1R18	155.45	231.83	0.67	chr6	6p21.3	23	466	143.65	97.06
ZP3	52.59	78.43	0.67	chr7	7q11.23	40	109	131.83	81.32
Hs.146661	8.82	13.16	0.67	chr14	N/A	7	73	60.18	113.54
Hs.657231	5.39	8.04	0.67	chr6	N/A	1	304	0.00	80.21
CAPN7	46.44	69.29	0.67	chr3	3p24	48	1153	116.99	79.23
CYP4F8	11.04	16.48	0.67	chr19	19p13.1	28	533	53.62	197.60
Hs.657788	11.69	17.44	0.67	chr1	N/A	5	62	40.26	38.04
KLF8	21.39	31.91	0.67	chrX	Xp11.21	56	1015	111.62	106.25
GATAD2A	53.36	79.62	0.67	chr19	19p13.11	57	2227	129.64	100.25
LOC100506411	21.71	32.40	0.67	chr14	N/A	11	342	29.86	47.80
Hs.675197	16.09	24.01	0.67	chr14	N/A	1	304	0.00	57.79
MT1M	117.94	176.03	0.67	chr16	16q13	25	521	65.11	238.94
LOC100506172	10.17	15.18	0.67	chr16	N/A	12	681	59.34	98.95
Hs.637734	3.59	5.36	0.67	chr2	N/A	1	304	0.00	60.06
FMO2	120.64	180.06	0.67	chr1	1q24.3	42	1022	133.62	170.69
FAM160A2	87.01	129.86	0.67	chr11	11p15.4	26	469	70.64	72.85
MX2	63.92	95.41	0.67	chr21	21q22.3	40	602	177.39	89.96
Hs.269254	14.52	21.67	0.67	chr6	N/A	6	326	46.25	52.35
INPP5E	86.30	128.82	0.67	chr9	9q34.3	47	667	102.37	83.63
Hs.112893	9.70	14.48	0.67	chr9	N/A	10	73	49.24	132.77
LOC100130456	21.23	31.69	0.67	chr7	7p22.3	11	332	29.25	80.92
KLHL25	31.32	46.76	0.67	chr15	15q25.3	32	634	83.22	90.22
EI24	131.94	196.95	0.67	chr11	11q24	38	997	84.25	61.29
Hs.129729	14.91	22.26	0.67	chr1	N/A	7	73	50.33	108.85
LCE2D	164.37	245.39	0.67	chr1	1q21.3	13	28	78.18	100.79
Hs.666530	7.62	11.38	0.67	chr10	N/A	15	450	50.79	87.36
ZNF599	13.54	20.23	0.67	chr19	19q13.11	37	1391	124.86	108.66
Hs.603500	16.26	24.28	0.67	chr10	N/A	3	66	117.29	62.32
Hs.620767	5.40	8.06	0.67	chr13	N/A	10	28	17.00	62.42
Hs.659308	17.69	26.43	0.67	chr12	N/A	7	73	34.94	65.92
SDR39U1	137.86	205.89	0.67	chr14	14q12	33	572	79.25	50.77
Hs.705890	10.87	16.23	0.67	chr1	N/A	8	12	15.46	50.46
PRNT	12.44	18.59	0.67	chr20	20p13	24	360	88.78	74.77
Hs.539136	8.13	12.15	0.67	chr12	N/A	7	73	34.38	64.88
FBXL3	147.55	220.42	0.67	chr13	13q22	39	868	162.71	68.50
Hs.147574	5.93	8.86	0.67	chr10	N/A	6	66	73.81	80.93
Hs.158149	3.85	5.75	0.67	chr20	N/A	1	304	0.00	87.47
RSPO2	14.59	21.80	0.67	chr8	8q23.1	37	828	173.30	142.56
Hs.706564	61.06	91.23	0.67	chr2	N/A	7	73	72.09	42.17
Hs.263387	12.13	18.12	0.67	chr3	N/A	2	22	74.96	62.25
Hs.598460	29.42	43.95	0.67	chr11	N/A	7	73	80.86	63.79
LY6GSC	24.38	36.43	0.67	chr6	6p21.33	37	593	65.92	151.91
TIPARP-AS1	11.98	17.90	0.67	chr3	3q25.31	1	304	0.00	62.31
Hs.211033	9.40	14.04	0.67	chr12	N/A	1	304	0.00	58.81
Hs.734252	24.56	36.70	0.67	chr11	N/A	14	146	71.40	94.99
Hs.661970	10.60	15.84	0.67	chr7	N/A	7	73	62.88	58.46
SPG11	67.29	100.55	0.67	chr15	15q14	44	1883	114.78	115.50
PRR3	35.80	53.50	0.67	chr6	6p21.33	62	802	135.76	84.28
TBX1	13.72	20.51	0.67	chr22	22q11.21	68	2120	134.06	134.91
LARS	125.56	187.65	0.67	chr5	5q32	50	1598	95.90	77.38
PIK3C2A	62.09	92.79	0.67	chr11	11p15.5-p14	37	2137	137.38	104.80
Hs.474479	65.31	97.62	0.67	chr3	N/A	7	73	48.21	49.08
Hs.744531	53.19	79.50	0.67	chr1	N/A	1	304	0.00	54.50
VPS25	107.19	160.21	0.67	chr17	17q21.31	29	469	102.02	56.14
CSNK1D	100.80	150.66	0.67	chr17	17q25	53	1093	60.04	64.67
POLH	16.11	24.08	0.67	chr6	6p21.1	58	2128	98.85	75.46
CLIC1	332.27	496.68	0.67	chr6	6p21.3	30	577	65.76	66.63
Hs.147231	4.99	7.46	0.67	chr12	N/A	10	73	32.48	88.50
MMP25	39.90	59.64	0.67	chr16	16p13.3	56	1069	100.68	96.87
DAZ2	10.21	15.26	0.67	chrY	Yq11.223	61	1383	150.10	151.47
RAP2C	41.75	62.42	0.67	chrX	Xq25	56	1369	152.28	107.70
Hs.672350	44.53	66.59	0.67	chr22	N/A	1	304	0.00	47.29
SOC3A	44.95	67.22	0.67	chr14	14q22.1	42	488	174.93	215.37
HS1BP3	36.34	54.35	0.67	chr2	2p24.1	51	1494	133.00	116.48
Hs.661184	12.58	18.82	0.67	chr6	N/A	7	73	44.07	86.94
HDHD3	48.26	72.18	0.67	chr9	9q32	28	533	86.89	129.89
Hs.659665	9.03	13.50	0.67	chr1	N/A	27	433	94.70	91.51
Hs.508901	6.82	10.20	0.67	chr14	N/A	10	28	123.11	71.88
ANAPC15	69.02	103.23	0.67	chr11	11q13.4	30	572	77.44	56.80
Hs.666559	13.22	19.78	0.67	chr19	N/A	12	124	51.94	74.24
Hs.659334	16.92	25.30	0.67	chr6	N/A	3	66	42.30	93.98
TDRKH	18.91	28.29	0.67	chr1	1q21	44	1289	75.46	90.33
CEP89	14.32	21.42	0.67	chr19	19q13.11	37	2003	61.20	62.56
Hs.667960	7.65	11.44	0.67	chr2	N/A	2	22	21.22	62.96
INHBE	13.50	20.20	0.67	chr12	12q13.3	21	452	98.82	330.44
MAGI2-AS2	7.32	10.96	0.67	chr7	N/A	1	304	0.00	63.81
Hs.662786	7.56	11.31	0.67	chr8	N/A	15	450	48.49	68.67
RPP40	37.21	55.68	0.67	chr6	6p25.1	30	577	118.85	56.43
Hs.192039	8.72	13.05	0.67	chr1	N/A	2	22	54.00	50.06
GNB1L	27.84	41.66	0.67	chr22	22q11.2	57	1983	92.77	80.52
FLJ33534	18.86	28.22	0.67	chr2	2p25.1	27	372	151.84	46.94
FNIP2	82.46	123.40	0.67	chr4	4q32.1	50	1555	121.67	82.60
RFPL2	32.53	48.68	0.67	chr22	22q12.3	25	534	150.45	104.00
Hs.667755	21.59	32.30	0.67	chr8	N/A	7	73	90.06	65.88
PRKAB1	43.33	64.85	0.67	chr12	12q24.1-q24.3	28	918	95.19	60.85
UGT2B17	15.92	23.83	0.67	chr4	4q13	49	618	117.96	403.34
SNAPC1	31.50	47.14	0.67	chr14	14q22	31	554	63.79	85.49
Hs.652693	6.91	10.35	0.67	chr5	N/A	1	304	0.00	58.15
PTPDC1	32.02	47.92	0.67	chr9	9q22.32	40	824	84.38	105.37
Hs.548040	13.47	20.17	0.67	chr2	N/A	14	146	93.85	71.65
Hs.715924	7.05	10.56	0.67	chr3	N/A	14	146	70.81	80.42

Hs.668567	11.61	17.38	0.67	chr2	N/A	7	73	97.51	62.01
KIF21B	28.56	42.76	0.67	chr1	1q32.1	42	697	118.66	122.34
SLC6A11	12.76	19.11	0.67	chr3	3p25.3	24	798	159.21	98.00
Hs.344170	19.41	29.06	0.67	chr22	N/A	4	316	83.55	39.69
Hs.409982	6.08	9.10	0.67	chr16	N/A	7	630	81.09	171.13
Hs.570300	8.06	12.07	0.67	chr2	N/A	7	73	66.16	77.74
Hs.445721	6.47	9.68	0.67	chr2	N/A	8	12	27.91	64.45
TEKT2	15.87	23.77	0.67	chr1	1p34.3	30	568	88.65	209.63
CSNK1G2	88.07	131.90	0.67	chr19	19p13.3	54	1154	89.51	89.31
C20orf195	27.15	40.67	0.67	chr20	20q13.33	21	448	87.79	246.91
PAPOLA	79.90	119.68	0.67	chr14	14q32.31	109	2932	151.51	112.93
AMOTL2	119.99	179.74	0.67	chr3	3q21-q22	37	650	70.11	73.00
Hs.602315	31.19	46.73	0.67	chr3	N/A	14	146	69.64	66.23
GAST	43.41	65.04	0.67	chr17	17q21	23	492	113.56	220.30
PRDX1	741.65	1,111.18	0.67	chr1	1p34.1	38	628	61.19	71.20
CNTLN	13.80	20.68	0.67	chr9	9p22.2	61	1382	89.08	83.53
LINC00838	8.52	12.77	0.67	chr10	N/A	1	304	0.00	67.19
AFF4	48.08	72.04	0.67	chr5	5q31	111	3132	252.87	226.86
VENTX	15.06	22.58	0.67	chr10	10q26.3	30	566	106.86	85.50
HOXB-AS3	10.61	15.91	0.67	chr17	17q21.32	17	1576	76.70	78.78
LOC100996636	10.14	15.19	0.67	chr1	N/A	1	304	0.00	46.85
ACVR1B	45.58	68.31	0.67	chr12	12q13	92	2941	147.75	131.73
ZNF287	16.06	24.07	0.67	chr17	17p11.2	45	1440	116.53	129.63
Hs.744455	19.40	29.08	0.67	chr1	N/A	7	73	33.67	48.86
FAM105B	30.44	45.62	0.67	chr5	5p15.2	59	1332	121.78	94.82
Hs.737044	7.38	11.06	0.67	chr13	N/A	2	608	44.71	79.78
Hs.660554	7.69	11.52	0.67	chr7	N/A	7	73	51.66	81.82
TRAF3	31.03	46.51	0.67	chr14	14q32.32	45	1025	75.56	67.44
LOC728114	4.76	7.14	0.67	chr12	12q13.11	1	304	0.00	62.75
Hs.658290	32.96	49.41	0.67	chr12	N/A	9	681	80.03	138.85
Hs.741744	7.01	10.51	0.67	chr19	N/A	7	73	101.16	94.03
KNCN	51.14	76.67	0.67	chr1	1p33	16	386	201.55	211.94
ANKRD53	26.71	40.04	0.67	chr2	2p13.3	34	835	93.74	111.83
Hs.658569	8.70	13.05	0.67	chr15	N/A	2	608	32.12	53.23
UCK1	92.11	138.14	0.67	chr9	9q34.13	41	907	203.30	142.59
ECT2	14.41	21.61	0.67	chr3	3q26.1-q26.2	48	1302	82.59	102.40
TMEM150B	11.74	17.61	0.67	chr19	19q13.42	4	306	68.57	64.83
JAKMIP2-AS1	7.16	10.74	0.67	chr5	5q32	1	304	0.00	62.52
DYNC2L1I	27.72	41.59	0.67	chr2	2p25.1-p24.1	64	1779	93.08	108.26
ZC3H4	52.94	79.42	0.67	chr19	19q13.32	59	1165	134.80	110.50
DNAH6	9.80	14.70	0.67	chr2	2p11.2	70	2661	88.15	120.86
ODF3L1	10.17	15.26	0.67	chr15	15q24.2	24	405	87.02	222.95
GDPD1	22.67	34.02	0.67	chr17	17q22	24	1006	127.82	108.27
RFNG	59.69	89.56	0.67	chr17	17q25	46	588	145.48	55.45
PRR20B	11.12	16.68	0.67	chr13	13q21.1	1	304	0.00	48.07
NIT1	79.15	118.75	0.67	chr1	1q21-q22	67	1179	104.88	84.91
Hs.116818	6.03	9.04	0.67	chr15	N/A	10	73	53.92	117.30
Hs.369188	9.60	14.40	0.67	chr13	N/A	7	73	69.93	69.84
Hs.662079	19.47	29.22	0.67	chr20	N/A	1	304	0.00	50.43
GSDMC	57.19	85.81	0.67	chr8	8q24.21	19	388	249.67	90.23
NUMA1	66.35	99.55	0.67	chr11	11q13	53	1833	98.60	195.17
SMCR7L	59.48	89.25	0.67	chr22	22q13	61	1760	83.24	52.77
Hs.568943	10.01	15.02	0.67	chr11	N/A	1	304	0.00	48.72
Hs.659084	11.90	17.86	0.67	chr2	N/A	18	405	137.31	104.35
ALK	19.59	29.41	0.67	chr2	2p23	38	1154	104.60	108.61
Hs.575022	5.45	8.18	0.67	chr3	N/A	8	51	60.78	91.79
LRRC7	10.20	15.30	0.67	chr1	1p31.1	32	1171	95.17	97.68
Hs.669006	5.44	8.16	0.67	chr12	N/A	2	16	54.46	95.06
Hs.604310	15.76	23.66	0.67	chr4	N/A	2	22	36.26	42.59
Hs.413238	40.52	60.82	0.67	chr7	N/A	14	146	72.69	107.75
RXRG	23.70	35.58	0.67	chr1	1q22-q23	38	605	102.37	84.35
Hs.634781	20.94	31.43	0.67	chr15	N/A	1	304	0.00	42.19
EPOR	63.29	95.01	0.67	chr19	19p13.3-p13.2	88	2927	227.41	257.72
Hs.130079	9.06	13.60	0.67	chr13	N/A	5	22	76.67	75.70
LNPEP	41.02	61.58	0.67	chr5	5q15	100	1555	143.79	132.23
Hs.595384	25.43	38.17	0.67	chr7	N/A	7	73	81.78	52.55
SPSB3	120.03	180.21	0.67	chr16	16p13.3	60	1070	130.18	91.15
WBSR16	36.16	54.29	0.67	chr7	7q11.23	49	1480	94.36	91.87
Hs.732930	20.75	31.15	0.67	chr20	N/A	7	73	63.55	60.27
PI4KA	89.97	135.08	0.67	chr22	22q11.21	46	600	106.23	98.73
GUCY1A2	21.41	32.14	0.67	chr11	11q21-q22	77	2047	142.70	112.43
Hs.668071	10.01	15.02	0.67	chr11	N/A	3	326	53.82	59.18
Hs.604222	6.52	9.79	0.67	chr13	N/A	2	22	20.47	68.23
Hs.35052	1,335.33	2,005.04	0.67	chr12	N/A	12	112	133.41	98.68
GMFG	107.74	161.79	0.67	chr19	19q13.2	30	577	124.27	172.46
KIF11	14.38	21.59	0.67	chr10	10q24.1	50	673	163.93	155.30
BEST3	11.32	17.00	0.67	chr12	12q14.2-q15	78	1344	101.74	157.40
VHLL	6.01	9.03	0.67	chr1	1q22	13	28	45.97	34.65
ZNF319	35.61	53.48	0.67	chr16	16q21	22	384	123.07	42.82
HRAS	56.50	84.87	0.67	chr11	11p15.5	53	760	54.63	72.69
GOLGA7B	22.29	33.47	0.67	chr10	10q24.2	16	431	125.80	91.54
POU6F1	20.94	31.45	0.67	chr12	12q13.13	46	1833	71.95	69.80
Hs.484889	10.73	16.11	0.67	chr6	N/A	3	66	90.95	382.56
FAM120B	34.03	51.13	0.67	chr6	6q27	55	664	224.84	89.58
LOC100507316	23.48	35.27	0.67	chr8	N/A	7	624	51.99	79.88
Hs.599618	17.38	26.10	0.67	chr5	N/A	8	51	74.36	148.66
XAB2	27.10	40.71	0.67	chr19	19p13.2	31	478	166.05	57.83
Hs.546149	5.20	7.82	0.67	chrX	N/A	7	73	46.87	96.83
OSBPL9	150.49	226.13	0.67	chr1	1p32.3	34	545	101.65	71.10
FAM45A	71.89	108.03	0.67	chr10	10q25	35	1755	87.38	109.54
COX6B2	28.01	42.10	0.67	chr19	19q13.42	33	392	100.12	88.76
Hs.656095	10.61	15.95	0.67	chr13	N/A	7	73	45.68	65.16
Hs.120196	13.14	19.74	0.67	chr3	N/A	14	146	73.10	90.36

MAG	34.56	51.94	0.67	chr19	19q13.1	43	1044	162.54	319.76
Hs.444924	7.50	11.27	0.67	chr4	N/A	7	73	46.33	57.67
RANBP6	60.04	90.23	0.67	chr9	9p24.1	33	569	145.42	77.76
Hs.659073	25.31	38.04	0.67	chr12	N/A	1	304	0.00	51.24
PAK1IP1	62.82	94.42	0.67	chr6	6p24.2	134	823	161.15	163.98
BMP6	24.60	36.98	0.67	chr6	6p24-p23	33	916	68.03	78.94
ATRNL1	17.12	25.73	0.67	chr10	10q26	80	1669	208.13	113.03
TMPRSS9	30.90	46.45	0.67	chr19	19p13.3	24	236	139.00	109.66
Hs.659171	17.06	25.65	0.67	chr4	N/A	7	73	83.76	67.49
Hs.593970	13.56	20.38	0.67	chr8	N/A	7	73	66.01	63.54
ESCO2	9.25	13.91	0.67	chr8	8p21.1	44	1620	87.30	99.54
Hs.143441	7.07	10.63	0.67	chr14	N/A	8	51	42.12	89.66
SMG6	21.92	32.95	0.67	chr17	17p13.3	68	1076	121.33	76.94
TTC21B	11.80	17.74	0.67	chr2	2q24.3	44	660	73.92	79.09
MOB1B	141.30	212.43	0.67	chr4	4q13.3	24	406	121.31	83.19
OCEL1	48.51	72.94	0.67	chr19	19p13.11	32	611	106.21	53.90
KIR2DL4	18.69	28.09	0.67	chr19	19q13.4	51	1399	81.79	66.26
Hs.519329	8.07	12.13	0.66	chr5	N/A	7	73	34.97	72.19
CTH	30.82	46.35	0.66	chr1	1p31.1	60	1193	109.54	254.11
FYN	122.79	184.66	0.66	chr6	6q21	92	1871	101.90	127.67
Hs.559248	11.66	17.54	0.66	chr17	N/A	21	405	60.42	78.60
NFE2L2	147.29	221.55	0.66	chr2	2q31	57	1663	145.20	173.46
GAL3ST2	22.27	33.49	0.66	chr2	2q37.3	19	386	52.63	98.72
Hs.677101	15.74	23.68	0.66	chr19	N/A	2	627	83.48	56.65
Hs.709450	23.27	35.00	0.66	chr15	N/A	8	377	45.38	48.27
BRD9	82.62	124.28	0.66	chr5	5p15.33	24	460	170.50	48.52
Hs.593319	75.59	113.71	0.66	chr3	N/A	7	73	79.17	106.92
Hs.657362	39.73	59.77	0.66	chr2	N/A	18	405	66.78	98.11
Hs.607409	11.00	16.55	0.66	chr8	N/A	1	304	0.00	105.79
Hs.667667	6.91	10.39	0.66	chr4	N/A	3	66	77.55	88.29
LYPD5	14.36	21.61	0.66	chr19	19q13.31	33	417	95.11	118.20
Hs.597520	34.36	51.70	0.66	chr22	N/A	7	73	67.49	82.24
ZDHH13	30.98	46.60	0.66	chr11	11p15.1	53	1236	101.65	115.86
TRAPP10	28.67	43.14	0.66	chr21	21q22.3	57	1485	84.80	73.39
NUPR1	199.47	300.14	0.66	chr16	16p11.2	35	616	76.62	124.28
Hs.444587	9.83	14.80	0.66	chr3	N/A	11	377	85.03	60.64
HNMT	38.21	57.50	0.66	chr2	2q22.1	86	2631	246.25	165.90
ARFRP1	40.05	60.28	0.66	chr20	20q13.3	39	1105	90.30	76.67
Hs.656363	40.07	60.30	0.66	chr19	N/A	1	304	0.00	52.41
DHX29	45.52	68.51	0.66	chr5	5q11.2	64	1218	93.18	76.64
FABP2	12.90	19.42	0.66	chr4	4q28-q31	23	493	113.01	77.77
ERVW-1	12.80	19.26	0.66	chr7	7q21.2	30	703	116.01	91.10
CNTNAP1	62.24	93.69	0.66	chr17	17q21	35	599	121.06	139.29
TRIT1	68.97	103.81	0.66	chr1	1p34.2	28	538	54.63	47.45
Hs.603182	10.67	16.06	0.66	chr19	N/A	7	73	48.53	64.93
Hs.453549	10.07	15.16	0.66	chr6	N/A	17	101	35.67	71.61
CCDC71L	30.00	45.15	0.66	chr7	7q22.3	47	1414	143.86	108.99
PAK6	36.64	55.15	0.66	chr15	15q14	32	842	80.37	92.94
CDKL2	15.25	22.95	0.66	chr4	4q21.1	41	950	274.99	97.99
Hs.644076	384.94	579.49	0.66	chr2	N/A	7	73	124.07	124.68
Hs.143629	4.94	7.44	0.66	chr4	N/A	11	377	27.37	76.15
FAM171B	36.37	54.75	0.66	chr2	2q32.1	65	1334	350.82	199.71
Hs.659646	18.88	28.43	0.66	chr8	N/A	7	73	94.16	67.51
RNASE6	42.13	63.44	0.66	chr14	14q11.2	30	577	63.94	129.72
CSE1L	83.46	125.66	0.66	chr20	20q13	51	1837	92.07	99.92
CHAF1A	26.20	39.45	0.66	chr19	19p13.3	39	1699	82.88	81.57
Hs.245132	11.11	16.72	0.66	chr2	N/A	2	608	72.78	66.83
Hs.629601	16.60	25.00	0.66	chr17	N/A	1	304	0.00	47.14
PRKCZ	47.14	70.98	0.66	chr1	1p36.33-p36.2	84	1176	172.09	191.68
Hs.659898	64.06	96.46	0.66	chr3	N/A	1	304	0.00	52.80
Hs.602317	7.76	11.69	0.66	chr4	N/A	5	51	38.03	57.94
GPR146	31.46	47.39	0.66	chr7	7p22.3	24	411	130.07	96.78
EMC4	283.86	427.57	0.66	chr15	15q14	31	688	46.61	35.21
ACTR8	40.90	61.61	0.66	chr3	N/A	41	916	84.11	64.60
ASIC3	16.92	25.49	0.66	chr7	7q35	33	566	124.49	68.63
LRR14	14.79	22.28	0.66	chr17	17q25.3	23	332	83.78	62.04
EPR3B	33.64	50.68	0.66	chr2	2p23.3	44	1468	111.86	327.71
PARP6	101.00	152.17	0.66	chr15	15q23	50	1275	114.87	71.36
SHF	31.43	47.35	0.66	chr15	15q21.1	38	546	246.98	142.61
LOC100379224	6.42	9.68	0.66	chr19	19q13.2	1	304	0.00	71.89
VRK3	44.43	66.95	0.66	chr19	19q13	61	2448	103.94	134.46
KBTBD6	31.08	46.82	0.66	chr13	13q14.11	35	782	94.64	74.61
DENND3	36.05	54.33	0.66	chr8	8q24.3	56	1171	92.84	89.06
DCAF12L1	8.10	12.21	0.66	chrX	Xq25	34	435	87.77	113.41
LINC00421	16.19	24.39	0.66	chr13	13q12.11	10	332	194.54	48.70
SLC2A5	36.85	55.53	0.66	chr1	1p36.2	63	1464	125.25	131.11
COQ4	37.84	57.02	0.66	chr9	9q34.11	33	910	101.60	69.70
Hs.597015	17.38	26.19	0.66	chr6	N/A	7	73	53.75	63.36
UBIAD1	31.29	47.15	0.66	chr1	1p36.22	44	1291	80.36	77.33
Hs.635049	4.20	6.32	0.66	chr9	N/A	2	22	3.90	43.03
Hs.602402	9.83	14.81	0.66	chr15	N/A	2	22	8.29	98.53
KIAA0586	36.20	54.56	0.66	chr14	14q23.1	52	1093	72.13	71.75
EXOSC9	52.28	78.79	0.66	chr4	4q27	26	499	81.16	95.70
TBL1Y	14.44	21.76	0.66	chrY	Yp11.2	26	504	37.62	67.54
LIPT1	34.78	52.42	0.66	chr2	2q11.2	34	543	63.73	57.55
Hs.662852	19.96	30.08	0.66	chr2	N/A	15	450	47.26	51.64
NKX6-1	7.08	10.67	0.66	chr4	4q21.33	21	456	76.21	84.27
Hs.600688	18.39	27.72	0.66	chr3	N/A	7	73	72.51	54.75
Hs.377087	11.53	17.39	0.66	chr22	N/A	7	73	67.50	88.13
MRGPRX2	18.50	27.88	0.66	chr11	11p15.1	20	336	62.04	72.05
STAT2	78.40	118.19	0.66	chr12	12q13.3	53	1417	162.13	193.23
Hs.668396	12.35	18.63	0.66	chr7	N/A	7	73	76.97	65.12
MXD4	65.47	98.70	0.66	chr4	4p16.3	77	1627	134.65	200.73

USP15	43.35	65.37	0.66	chr12	12q14	97	2043	120.43	110.27
Hs.611858	11.21	16.90	0.66	chr7	N/A	1	304	0.00	77.82
L1TD1	13.24	19.97	0.66	chr1	1p31.3	43	974	98.40	111.47
NRF1	21.06	31.77	0.66	chr7	7q32	62	2009	135.03	81.33
AQPEP	14.25	21.49	0.66	chr5	5q23.1	55	685	78.95	123.44
CAMK1	36.47	54.99	0.66	chr3	3p25.3	43	1002	70.16	79.38
TMEM31	20.93	31.57	0.66	chrX	Xq22.2	24	405	68.02	240.90
Hs.585152	8.84	13.33	0.66	chr6	N/A	3	66	61.67	94.45
CLRN1-AS1	9.45	14.25	0.66	chr3	3q25.1	1	304	0.00	50.44
Hs.667186	8.01	12.08	0.66	chr1	N/A	1	304	0.00	61.44
MET	38.47	58.02	0.66	chr7	7q31	103	2230	118.40	170.18
C1orf167	24.97	37.66	0.66	chr1	1p36.22	24	373	78.36	67.18
VIP	13.51	20.39	0.66	chr6	6q25	35	612	60.05	334.92
Hs.732327	33.21	50.10	0.66	chrX	N/A	9	89	41.36	47.03
ZNF485	12.96	19.56	0.66	chr10	10q11.21	26	491	56.28	113.26
EFHB	8.51	12.84	0.66	chr3	3p24.3	41	692	50.53	160.17
C19orf57	31.51	47.54	0.66	chr19	19p13.12	31	540	147.63	95.48
PFAS	26.06	39.33	0.66	chr17	17p13.1	40	593	117.14	62.49
PIGO	31.26	47.17	0.66	chr9	9p13.3	53	1485	103.54	70.30
HVCN1	147.87	223.15	0.66	chr12	12q24.11	24	447	215.14	144.20
MAGEB10	6.43	9.70	0.66	chrX	Xp21.3	16	28	64.71	84.71
Hs.89257	8.02	12.10	0.66	chr1	N/A	11	377	38.42	127.60
Hs.150858	14.80	22.34	0.66	chr6	N/A	7	73	98.52	78.12
Hs.733564	11.69	17.65	0.66	chr11	N/A	10	73	58.10	64.96
Hs.116770	8.30	12.53	0.66	chr18	N/A	14	146	52.77	76.07
DSERG1	44.35	66.94	0.66	chr9	N/A	5	420	45.24	51.63
Hs.740820	39.36	59.41	0.66	chr17	N/A	7	73	105.07	66.95
Hs.660065	12.60	19.02	0.66	chr4	N/A	1	304	0.00	69.55
Hs.512544	13.34	20.15	0.66	chr7	N/A	7	73	48.37	91.29
NLRP7	11.63	17.56	0.66	chr19	19q13.42	22	332	126.33	52.49
Hs.658744	10.43	15.75	0.66	chr3	N/A	8	377	87.79	89.67
PRPF4	50.57	76.35	0.66	chr9	9q31-q33	38	1014	99.80	48.80
MAPRE1	144.60	218.34	0.66	chr20	20q11.1-q11.2	65	1155	129.87	78.50
Hs.390616	15.80	23.86	0.66	chrX	N/A	7	73	89.29	203.27
Hs.729509	106.04	160.13	0.66	chr3	N/A	7	73	54.98	54.38
RD3	11.07	16.72	0.66	chr1	1q32.3	14	415	59.05	71.38
FOXA3	25.53	38.56	0.66	chr19	19q13.2-q13.4	36	489	70.17	168.93
HCAR1	10.23	15.45	0.66	chr12	12q24.31	14	372	87.55	94.42
ID12	28.75	43.42	0.66	chr10	10p15.3	47	1231	79.15	180.73
TRAF3IP1	29.17	44.06	0.66	chr2	2q37.3	46	941	92.18	93.68
Hs.656518	8.76	13.23	0.66	chr17	N/A	5	420	63.15	51.21
BTG3	63.22	95.50	0.66	chr21	21q21.1	53	1788	192.59	117.27
Hs.567269	8.13	12.28	0.66	chr13	N/A	7	73	52.05	86.23
LARP4	41.98	63.43	0.66	chr12	12q13.12	91	2281	137.54	99.14
PCED1A	44.91	67.85	0.66	chr20	20p13	27	868	178.27	113.83
PAX3	9.97	15.06	0.66	chr2	2q35	98	2066	102.86	91.05
Hs.32118	20.83	31.48	0.66	chrX	N/A	22	523	178.72	55.21
Hs.663242	5.93	8.96	0.66	chr2	N/A	7	73	45.08	104.34
Hs.434927	29.86	45.12	0.66	chr3	N/A	14	146	55.86	81.76
Hs.658022	48.09	72.66	0.66	chr15	N/A	10	28	31.97	18.57
Hs.730793	16.63	25.13	0.66	chr21	N/A	1	304	0.00	54.05
Hs.597281	17.10	25.84	0.66	chr3	N/A	7	73	74.04	67.64
ZNF644	49.57	74.92	0.66	chr1	1p22.2	99	1622	208.12	85.95
SYNCRIP	91.34	138.07	0.66	chr6	6q14-q15	107	3253	115.38	107.49
Hs.471111	11.60	17.54	0.66	chr11	N/A	10	73	70.03	89.12
CDH12	11.82	17.87	0.66	chr5	5p14.3	43	614	146.57	104.79
SACS-AS1	8.61	13.02	0.66	chr13	13q12	2	608	45.58	56.13
EIF3H	325.44	492.10	0.66	chr8	8q24.11	58	819	119.93	82.38
Hs.42279	9.03	13.66	0.66	chr10	N/A	10	73	90.54	143.84
Hs.570528	5.57	8.43	0.66	chr3	N/A	1	304	0.00	61.26
DSG2	46.42	70.22	0.66	chr18	18q12.1	51	1044	181.88	213.64
LOC100129961	6.49	9.82	0.66	chr2	2q21.3	8	377	61.84	79.55
Hs.127405	6.64	10.05	0.66	chr11	N/A	2	22	19.23	56.62
Hs.661476	8.77	13.27	0.66	chr12	N/A	7	73	46.52	99.01
KIAA1614	18.84	28.51	0.66	chr1	1q25.3	17	448	58.46	93.24
MBD5	19.90	30.11	0.66	chr2	2q23.1	33	1139	75.78	90.09
Hs.571137	45.23	68.43	0.66	chr6	N/A	5	22	40.95	130.40
RPS10	1,605.22	2,429.05	0.66	chr6	6p21.31	111	2458	143.14	93.57
SFTPC	188.72	285.57	0.66	chr8	8p21	74	2427	342.34	489.43
Hs.657841	22.27	33.71	0.66	chr1	N/A	8	377	99.04	109.48
FAM5B	12.34	18.67	0.66	chr1	1q24	27	567	80.23	110.60
Hs.668548	7.45	11.28	0.66	chr10	N/A	2	16	15.25	32.93
ASIC4	14.80	22.41	0.66	chr2	2q35	27	464	78.96	78.47
Hs.734265	9.22	13.95	0.66	chr6	N/A	2	22	24.93	54.61
SLK	106.61	161.38	0.66	chr10	10q24.33	46	981	65.16	87.07
Hs.659602	8.27	12.53	0.66	chr2	N/A	7	73	63.98	77.80
KCNV1	5.06	7.67	0.66	chr8	8q23.2	28	532	48.46	118.19
Hs.706546	41.40	62.67	0.66	chr5	N/A	7	73	71.02	56.85
SLC14A2	31.97	48.40	0.66	chr18	18q12.1-q21.1	45	662	192.95	192.64
C19orf55	22.97	34.79	0.66	chr19	19q13.12	25	664	159.53	67.73
DNAH7	19.80	29.98	0.66	chr2	2q32.3	62	1490	85.35	93.29
F2RL1	27.68	41.92	0.66	chr5	5q13	47	1119	127.06	131.13
OVCH1	65.29	98.88	0.66	chr12	12p11.22	5	52	127.13	52.81
SLC24A6	35.64	53.98	0.66	chr12	12q24.13	36	902	115.15	66.37
HNRNPU	126.51	191.60	0.66	chr1	1q44	121	3180	261.15	165.06
Hs.602597	69.39	105.10	0.66	chr9	N/A	3	66	105.42	92.38
MON1B	61.33	92.89	0.66	chr16	16q23.1	46	893	110.32	287.53
SPIN2B	32.13	48.67	0.66	chrX	Xp11.1	47	573	60.21	61.81
XKRY	5.81	8.80	0.66	chrY	Yq11.222	10	464	41.41	65.57
Hs.661657	19.45	29.46	0.66	chr2	N/A	1	304	0.00	48.84
Hs.597246	21.13	32.01	0.66	chr15	N/A	7	73	83.63	76.50
TRPM6	15.66	23.72	0.66	chr9	9q21.13	68	1622	241.70	140.58
CLCNKA	41.86	63.42	0.66	chr1	1p36	30	565	99.01	403.46

ZNF521	39.74	60.20	0.66	chr18	18q11.2	29	825	74.47	80.60
ZFC3H1	61.09	92.56	0.66	chr12	12q21.1	55	1115	191.88	121.35
ANGPTL5	19.16	29.03	0.66	chr11	11q22.1	16	28	50.05	138.29
Hs.133166	6.70	10.15	0.66	chr13	N/A	10	73	33.73	70.29
Hs.607738	7.70	11.67	0.66	chr2	N/A	10	28	93.91	37.40
ALKBH8	23.12	35.04	0.66	chr11	11q22.3	18	648	64.19	70.65
Hs.634979	7.41	11.23	0.66	chr12	N/A	7	73	76.81	96.08
HCFC2	31.95	48.42	0.66	chr12	12q23.3	34	858	97.56	107.72
LDOC1L	147.71	223.83	0.66	chr22	22q13.31	36	492	127.82	100.10
ZNF205-AS1	11.85	17.96	0.66	chr16	16p13.3	15	459	80.04	52.81
Hs.659750	18.18	27.55	0.66	chr11	N/A	7	73	63.37	70.98
STX10	86.00	130.34	0.66	chr19	19p13.2	30	583	72.05	62.44
Hs.459847	2.86	4.34	0.66	chr16	N/A	8	12	52.16	28.75
NR6A1	17.32	26.26	0.66	chr9	9q33.3	61	2072	88.47	93.63
ZNF711	17.75	26.90	0.66	chrX	Xq21.1	54	921	308.95	182.80
SPATA31A3	13.51	20.47	0.66	chr9	9p13.1	10	459	81.09	91.05
NAMPT	150.86	228.67	0.66	chr7	7q22.3	68	1734	114.25	159.68
Hs.147791	21.37	32.40	0.66	chr2	N/A	2	22	19.57	96.91
GK5	14.61	22.15	0.66	chr3	3q23	46	1073	78.78	127.84
LOC100506546	10.19	15.45	0.66	chr1	N/A	12	636	203.56	52.87
DOCK9	37.35	56.62	0.66	chr13	13q32.3	71	2432	149.59	175.16
C1orf115	72.43	109.80	0.66	chr1	1q41	46	938	175.36	143.84
Hs.662075	6.48	9.83	0.66	chr18	N/A	1	304	0.00	90.36
SYNGR4	23.27	35.28	0.66	chr19	19q13.3	30	565	87.09	129.80
FAM83G	14.48	21.96	0.66	chr17	17p11.2	5	52	97.70	69.17
Hs.660616	56.44	85.58	0.66	chr19	N/A	3	912	73.39	75.04
Hs.568999	4.92	7.47	0.66	chr11	N/A	10	28	25.17	69.13
APAF1	20.50	31.09	0.66	chr12	12q23	36	1343	91.28	126.84
C9orf156	24.09	36.54	0.66	chr9	9q22.33	48	1431	110.53	80.27
SNRK	69.96	106.11	0.66	chr3	3p22.1	71	1408	199.20	138.33
PSKH2	28.17	42.73	0.66	chr8	8q21.3	19	385	158.98	58.30
Hs.373631	7.92	12.02	0.66	chr19	N/A	4	370	31.78	77.20
CSTF3-AS1	2.45	3.71	0.66	chr11	11p13	1	304	0.00	90.19
NEURL1B	74.63	113.20	0.66	chr5	5q35.1	38	864	106.82	95.81
KRBA2	47.73	72.40	0.66	chr17	17p13.1	6	356	20.96	37.70
MTMR4	83.47	126.61	0.66	chr17	17q22-q23	59	1162	230.79	65.61
RIN2	69.29	105.10	0.66	chr20	20p11.22	75	1125	142.76	115.90
Hs.191602	60.54	91.83	0.66	chr2	N/A	10	73	61.81	98.94
ABCC11	16.23	24.63	0.66	chr16	16q12.1	31	743	121.29	127.79
ADRB2	52.00	78.89	0.66	chr5	5q31-q32	41	643	61.27	76.79
Hs.631683	7.45	11.30	0.66	chr18	N/A	14	146	59.26	149.85
TEX36	9.13	13.85	0.66	chr10	10q26.13	17	398	67.61	115.81
TBCCD1	22.52	34.17	0.66	chr3	3q27.3	26	512	76.08	72.55
Hs.464563	8.40	12.74	0.66	chr18	N/A	7	73	73.47	223.19
Hs.710604	6.05	9.18	0.66	chr8	N/A	7	73	74.26	166.84
SPAG9	80.48	122.12	0.66	chr17	17q21.33	122	2492	226.08	128.18
LOC253044	13.95	21.17	0.66	chr15	15q24.1	1	304	0.00	39.34
Hs.741753	7.70	11.68	0.66	chr2	N/A	25	466	61.94	136.92
SNRNP200	106.79	162.05	0.66	chr2	2q11.2	52	1499	102.64	108.74
EIF4ENIF1	53.74	81.56	0.66	chr22	22q11.2	42	684	93.74	61.51
Hs.666898	9.80	14.88	0.66	chr3	N/A	16	754	73.51	75.19
ATP6AP1L	27.83	42.24	0.66	chr5	5q14.2	38	914	91.86	55.53
Hs.355506	17.27	26.21	0.66	chr2	N/A	5	22	98.42	103.91
C2orf74	56.93	86.43	0.66	chr2	2p15	13	360	85.79	64.74
NODAL	19.60	29.75	0.66	chr10	10q22.1	30	1129	115.06	72.26
Hs.654667	28.68	43.54	0.66	chr18	N/A	1	304	0.00	49.69
FBXO45	40.00	60.73	0.66	chr3	3q29	44	1274	322.37	82.45
Hs.617089	3.94	5.99	0.66	chr1	N/A	1	304	0.00	55.91
Hs.664829	44.92	68.21	0.66	chr6	N/A	7	73	62.90	159.99
CACNB4	14.03	21.30	0.66	chr2	2q22-q23	40	940	262.59	81.81
Hs.599538	18.73	28.45	0.66	chr1	N/A	7	73	95.47	80.98
PIP4K2B	50.64	76.90	0.66	chr17	17q12	57	1702	110.79	91.22
FAM184B	16.69	25.34	0.66	chr4	4p16	31	838	120.47	91.95
Hs.369609	3.84	5.83	0.66	chr12	N/A	1	314	0.00	64.58
Hs.646225	101.33	153.89	0.66	chr7	N/A	10	73	161.18	70.22
Hs.592515	88.38	134.23	0.66	chr15	N/A	8	377	57.85	45.33
LOC286367	18.98	28.83	0.66	chr9	9q31.1	1	304	0.00	68.02
PHF11	80.24	121.86	0.66	chr13	13q14.2	35	842	123.38	98.13
Hs.145414	10.05	15.27	0.66	chr1	N/A	10	73	51.78	118.59
Hs.560090	7.38	11.21	0.66	chr12	N/A	7	73	65.53	61.52
Hs.597195	13.62	20.69	0.66	chrX	N/A	10	73	89.68	63.89
CCM2	56.40	85.67	0.66	chr7	7p13	60	761	186.09	125.45
Hs.662681	8.08	12.27	0.66	chr17	N/A	12	636	63.56	57.24
Hs.635135	5.55	8.44	0.66	chr3	N/A	3	66	45.83	95.43
Hs.129220	13.67	20.76	0.66	chr3	N/A	14	146	97.55	89.00
Hs.569082	5.66	8.60	0.66	chr12	N/A	2	22	43.27	98.77
CAMSAP1	23.32	35.44	0.66	chr9	9q34.3	99	3297	133.39	94.87
WNT8B	7.57	11.50	0.66	chr10	10q24	23	492	154.73	98.86
Hs.505983	33.07	50.25	0.66	chr12	N/A	8	972	77.28	81.00
SHE	44.78	68.04	0.66	chr1	1q21.3	33	534	84.95	85.96
Hs.735719	3.96	6.02	0.66	chr2	N/A	1	306	0.00	43.21
RNF144B	48.23	73.29	0.66	chr6	6p22.3	36	1425	91.44	140.63
CPN2	21.11	32.08	0.66	chr3	3q29	42	594	95.79	208.36
RNF8	30.50	46.35	0.66	chr6	6p21.3	51	1044	96.28	95.70
Hs.539062	17.03	25.88	0.66	chr11	N/A	2	22	104.28	77.47
EFTUD1	40.54	61.61	0.66	chr15	15q25.2	48	663	86.32	58.82
TAF1	53.61	81.49	0.66	chrX	Xq13.1	62	1542	98.39	86.73
Hs.712977	39.76	60.44	0.66	chr5	N/A	5	420	85.01	59.24
Hs.603380	6.72	10.21	0.66	chr6	N/A	2	22	11.38	62.77
Hs.658490	22.46	34.14	0.66	chr17	N/A	12	124	146.60	171.63
HDAC8	18.87	28.69	0.66	chrX	Xq13	38	1105	70.19	67.37
KERA	9.54	14.50	0.66	chr12	12q22	31	531	86.96	295.95
NPFF	23.85	36.26	0.66	chr12	12q13.13	47	1062	85.79	82.20

Hs.181483	26.49	40.27	0.66	chr14	N/A	1	304	0.00	39.21
LIMK1	15.18	23.09	0.66	chr7	7q11.23	51	1431	73.23	88.13
OR2A4	17.43	26.50	0.66	chr6	6q23	8	380	64.44	55.13
TDRD12	13.95	21.21	0.66	chr19	19q13.11	37	601	93.68	112.34
Hs.568340	10.35	15.74	0.66	chr9	N/A	7	73	62.34	57.02
SH3BP5-AS1	33.79	51.39	0.66	chr3	3p25.1	1	309	0.00	40.49
CCNF	16.97	25.81	0.66	chr16	16p13.3	49	1112	84.00	105.66
Hs.597445	16.14	24.55	0.66	chrX	N/A	7	73	32.60	89.04
Hs.652241	5.55	8.44	0.66	chr10	N/A	7	73	33.38	120.55
IRGQ	36.37	55.31	0.66	chr19	19q13.31	50	2401	132.63	97.34
CLIP4	67.88	103.24	0.66	chr2	2p23.2	66	1180	115.06	414.02
POLA1	31.07	47.25	0.66	chrX	Xp22.1-p21.3	41	625	77.77	55.86
BCL9	32.60	49.59	0.66	chr1	1q21	30	568	130.38	56.74
LAT	39.62	60.27	0.66	chr16	16p11.2	64	1051	144.29	115.47
REXO1	25.98	39.51	0.66	chr19	19p13.3	23	1034	143.84	101.83
TP53INP2	172.39	262.24	0.66	chr20	20q11.22	28	512	187.15	151.19
RRM2B	63.47	96.56	0.66	chr8	8q23.1	31	486	94.44	82.30
SRGAP3	24.49	37.25	0.66	chr3	3p25.3	66	1845	121.31	108.44
TMEM208	115.97	176.44	0.66	chr16	16q22.1	21	460	41.25	45.13
PDGFA	33.46	50.91	0.66	chr7	7p22	32	963	71.51	82.41
ST3GAL3	52.37	79.68	0.66	chr1	1p34.1	53	2408	119.12	242.80
Hs.499194	7.68	11.69	0.66	chr16	N/A	7	73	81.64	93.26
TTC9C	37.28	56.72	0.66	chr11	11q12.3	43	857	86.67	64.26
LOC644656	14.07	21.41	0.66	chr11	11p15.4	14	344	65.16	53.12
ZNF292	58.30	88.72	0.66	chr6	6q14.3	83	1805	263.14	121.21
Hs.130960	9.30	14.15	0.66	chr11	N/A	7	73	52.50	72.65
Hs.655816	11.11	16.90	0.66	chr2	N/A	14	146	52.80	77.61
ZNF563	18.91	28.78	0.66	chr19	19p13.2	38	540	81.39	63.64
Hs.637744	6.90	10.50	0.66	chr19	N/A	10	28	104.53	49.08
RIBC1	18.16	27.65	0.66	chrX	Xp11.22	36	782	105.82	107.32
Hs.729594	12.30	18.73	0.66	chr17	N/A	8	377	83.53	159.95
TPMT	36.90	56.18	0.66	chr6	6p22.3	80	1615	99.38	132.36
TCN2	52.14	79.40	0.66	chr22	22q12.2	38	591	88.74	114.26
Hs.741490	3.98	6.07	0.66	chr19	N/A	1	304	0.00	86.56
SMC6	28.75	43.79	0.66	chr2	2p24.2	131	1099	43.35	91.41
ZNF641	49.87	75.95	0.66	chr12	12q13.11	47	1617	177.64	90.09
EXOC3L4	11.27	17.17	0.66	chr14	14q32.32	12	676	80.58	121.23
Hs.661481	8.20	12.48	0.66	chr7	N/A	15	450	65.42	80.69
Hs.481117	13.84	21.09	0.66	chr4	N/A	2	22	28.19	62.20
Hs.666292	11.12	16.94	0.66	chr14	N/A	7	73	52.75	87.75
FGF13-AS1	11.69	17.81	0.66	chrX	Xq26.3	1	304	0.00	52.36
Hs.667401	7.48	11.40	0.66	chr12	N/A	1	304	0.00	117.36
CEP70	24.50	37.33	0.66	chr3	3q22.3	42	1782	57.04	94.05
HLCS	23.01	35.06	0.66	chr21	21q22.13	47	1117	75.44	95.44
Hs.734912	13.46	20.51	0.66	chr17	N/A	2	39	72.03	91.37
PTCRA	48.45	73.84	0.66	chr6	6p21.3	41	1390	111.94	90.07
Hs.594058	303.24	462.14	0.66	chr22	N/A	7	73	44.81	71.37
RFC2	23.95	36.50	0.66	chr7	7q11.23	38	997	49.67	55.79
NME6	40.84	62.24	0.66	chr3	3p21	33	585	72.93	54.77
MAP6D1	27.02	41.18	0.66	chr3	3q27.1	42	1183	89.47	161.84
PBX2	45.01	68.61	0.66	chr6	6p21.3	55	1853	113.26	66.38
Hs.668107	14.45	22.02	0.66	chr10	N/A	7	73	76.64	105.09
Hs.662268	33.77	51.49	0.66	chr7	N/A	1	304	0.00	38.40
SLC17A2	19.06	29.06	0.66	chr6	6p21.3	38	585	73.56	271.58
AMN	23.43	35.72	0.66	chr14	14q32.3	65	1137	149.81	111.69
ZNF252P-AS1	10.15	15.48	0.66	chr8	8q24.3	21	393	101.16	62.99
LOC100506165	5.50	8.39	0.66	chr6	N/A	11	332	118.98	154.25
C19orf18	16.08	24.51	0.66	chr19	19q13.43	24	412	46.13	60.20
PIGP	138.00	210.43	0.66	chr21	21q22.2	37	550	102.47	60.65
Hs.665725	24.12	36.78	0.66	chr3	N/A	5	420	38.61	48.58
Hs.658717	11.56	17.63	0.66	chr4	N/A	7	73	113.31	69.07
ID2	243.92	371.99	0.66	chr2	2p25	77	1644	331.27	177.19
Hs.732775	26.61	40.58	0.66	chr3	N/A	11	377	81.70	56.20
HIST1H2BA	11.68	17.82	0.66	chr6	6p22.2	24	407	125.91	172.28
Hs.493239	7.65	11.67	0.66	chr9	N/A	12	95	76.75	124.70
Hs.559930	7.38	11.26	0.66	chr11	N/A	6	66	53.06	117.25
ARHGAP11B	19.21	29.31	0.66	chr15	15q13.2	8	51	44.99	83.21
Hs.660267	10.14	15.47	0.66	chrX	N/A	7	73	84.70	71.94
Hs.566933	6.37	9.72	0.66	chr5	N/A	4	304	33.27	141.28
CHST5	35.78	54.58	0.66	chr16	16q22.3	30	1177	69.95	77.97
Hs.565019	14.88	22.70	0.66	chr17	N/A	7	73	85.10	74.68
RNF4	95.97	146.41	0.66	chr4	4p16.3	46	605	55.04	45.32
Hs.604102	5.74	8.76	0.66	chr3	N/A	2	22	31.97	48.12
CCNH	97.63	148.96	0.66	chr5	5q13.3-q14	37	638	89.38	76.40
ABCG4	24.33	37.13	0.66	chr11	11q23.3	21	458	92.35	57.62
OTUD7A	12.23	18.66	0.66	chr15	15q13.3	35	968	69.60	81.30
FAM86C1	16.55	25.26	0.66	chr11	11q13.4	52	1114	97.71	71.96
MTA3	50.14	76.52	0.66	chr2	2p21	42	813	88.85	80.74
Hs.717136	21.90	33.43	0.66	chr2	N/A	1	304	0.00	42.21
Hs.569208	6.27	9.56	0.66	chr12	N/A	2	22	22.92	52.34
KIAA0100	87.48	133.50	0.66	chr17	17q11.2	40	1043	68.33	59.64
PPP1CA	114.46	174.68	0.66	chr11	11q13	62	790	118.24	72.86
Hs.127491	5.27	8.05	0.66	chr8	N/A	7	73	59.54	92.84
MYBBP1A	32.29	49.28	0.66	chr17	17p13.3	19	769	55.54	70.00
CHP1	160.32	244.71	0.66	chr15	15q13.3	63	1098	130.74	111.81
RASSF7	103.50	157.98	0.66	chr11	11p15.5	45	1025	183.13	215.79
MKLN1	44.76	68.33	0.66	chr7	7q32	100	2608	140.77	96.93
Hs.201430	18.04	27.54	0.66	chr6	N/A	7	73	50.12	94.75
ZNF608	33.97	51.85	0.66	chr5	5q23.2	36	856	116.25	82.99
Hs.602361	34.10	52.05	0.66	chr9	N/A	14	146	107.17	55.37
Hs.657049	7.62	11.64	0.66	chr19	N/A	7	73	64.61	91.15
Hs.292141	7.51	11.47	0.65	chr6	N/A	7	73	81.16	114.71
Hs.600882	11.87	18.13	0.65	chr3	N/A	14	146	73.36	62.80

Hs.562946	18.06	27.58	0.65	chr2	N/A	8	12	16.73	34.19
Hs.659734	28.04	42.81	0.65	chr15	N/A	7	73	47.64	75.48
Hs.537515	9.85	15.04	0.65	chr9	N/A	2	22	55.19	50.56
CSMD2	17.95	27.40	0.65	chr1	1p34.3	55	1298	139.14	83.54
C9orf116	19.03	29.06	0.65	chr9	9q34.3	36	952	67.99	135.48
SOAT2	12.95	19.78	0.65	chr12	12q13.13	26	498	74.79	69.84
LOC100506502	14.54	22.20	0.65	chrX	N/A	1	304	0.00	54.56
OCLAD2	100.20	153.04	0.65	chr4	4p11	27	405	85.80	72.37
Hs.658911	26.66	40.71	0.65	chr17	N/A	7	73	68.73	83.50
RANBP10	28.23	43.12	0.65	chr16	16q22.1	49	1695	108.53	95.26
UBE2E3	140.70	214.92	0.65	chr2	2q32.1	58	605	105.43	54.40
Hs.636867	5.30	8.10	0.65	chr7	N/A	10	840	57.33	81.93
DROSHA	75.50	115.35	0.65	chr5	5p13.3	50	739	109.64	98.01
ADH1B	218.86	334.37	0.65	chr4	4q23	43	1733	189.34	291.66
AGO1	51.39	78.52	0.65	chr1	1p34.3	39	867	88.39	50.98
STK17B	38.25	58.45	0.65	chr2	2q32.3	50	1428	207.95	184.13
Hs.732862	15.15	23.15	0.65	chr6	N/A	14	146	89.86	116.34
Hs.732115	22.25	34.00	0.65	chr15	N/A	5	51	61.26	60.28
Hs.224170	25.11	38.36	0.65	chr4	N/A	18	405	132.05	119.46
Hs.658799	7.10	10.85	0.65	chr5	N/A	1	304	0.00	64.95
MAPK11P1L	122.82	187.69	0.65	chr14	14q22.3	97	2439	132.85	124.49
ANKRD45	7.96	12.17	0.65	chr1	1q25.1	27	436	66.38	205.19
VSIG1	14.73	22.51	0.65	chrX	Xq22.3	30	717	94.60	307.34
Hs.661446	12.16	18.59	0.65	chr17	N/A	32	551	65.16	76.25
DDHD1	29.07	44.44	0.65	chr14	14q21	79	1717	166.25	84.18
POLR3A	26.28	40.16	0.65	chr10	10q22-q23	53	1143	134.81	84.07
PAX1	24.75	37.83	0.65	chr20	20p11.2	42	1258	161.09	387.54
ZCCHC4	16.70	25.53	0.65	chr4	4p15.2	62	1490	84.81	835.52
Hs.660248	9.98	15.26	0.65	chr7	N/A	7	73	84.57	77.13
Hs.146882	9.48	14.50	0.65	chr4	N/A	4	304	74.74	49.31
Hs.656676	27.88	42.63	0.65	chr1	N/A	1	304	0.00	42.44
TRPV5	17.06	26.09	0.65	chr7	7q35	35	786	92.21	55.58
ZC3H12D	15.04	23.00	0.65	chr6	6q25.1	13	348	183.70	216.77
Hs.301858	9.13	13.96	0.65	chr1	N/A	2	608	50.55	69.66
Hs.641247	73.77	112.80	0.65	chr12	N/A	7	73	68.72	67.29
Hs.734137	4.35	6.66	0.65	chr6	N/A	1	304	0.00	132.47
Hs.551280	13.10	20.03	0.65	chr1	N/A	1	304	0.00	46.12
RWDD4	56.09	85.78	0.65	chr4	4q35.1	38	549	94.90	76.96
USP6NL	32.63	49.90	0.65	chr10	10p13	71	847	134.56	118.35
Hs.299119	16.56	25.33	0.65	chr7	N/A	22	523	118.15	152.10
Hs.606711	8.07	12.34	0.65	chr2	N/A	1	304	0.00	95.42
SLC9A7	6.66	10.19	0.65	chrX	Xp11.3	10	459	29.19	56.21
Hs.659738	13.92	21.29	0.65	chr17	N/A	7	73	77.26	64.27
HSPA1L	28.36	43.39	0.65	chr6	6p21.3	41	905	91.05	177.74
PEX11B	82.71	126.54	0.65	chr1	1q21.1	40	605	151.22	48.15
Hs.128032	7.88	12.06	0.65	chr5	N/A	11	377	63.44	92.89
Hs.713771	27.73	42.44	0.65	chr1	N/A	3	912	36.64	54.24
PPP1R17	14.91	22.82	0.65	chr7	7p15	36	910	81.69	66.80
LOC79015	22.42	34.30	0.65	chr20	20q13.12	16	755	64.43	111.22
PWWP2B	40.14	61.43	0.65	chr10	10q26.3	40	1064	90.66	98.08
PTPRH	23.12	35.38	0.65	chr19	19q13.4	28	551	55.95	80.75
FASN	102.99	157.62	0.65	chr17	17q25	37	1054	243.32	294.30
LOC100505645	8.66	13.25	0.65	chr12	N/A	17	146	53.05	166.37
CARNS1	105.69	161.76	0.65	chr11	11q13.2	23	466	224.90	256.37
CABLES2	36.07	55.21	0.65	chr20	20q13.33	26	459	87.48	123.05
FNTA	167.67	256.66	0.65	chr8	8p11	66	1492	141.69	124.41
Hs.652614	6.50	9.96	0.65	chr9	N/A	7	73	62.30	124.78
ATG3	69.61	106.57	0.65	chr3	3q13.2	49	998	86.38	131.57
Hs.658574	28.99	44.39	0.65	chr1	N/A	1	304	0.00	32.45
Hs.47037	18.56	28.41	0.65	chr15	N/A	10	73	131.97	80.05
Hs.668184	8.16	12.49	0.65	chr2	N/A	2	22	19.55	79.19
ADH1C	88.49	135.52	0.65	chr4	4q23	30	574	78.16	310.05
Hs.659121	19.25	29.48	0.65	chr8	N/A	7	73	79.34	75.45
ADORA3	25.39	38.88	0.65	chr1	1p13.2	42	894	136.49	111.45
MED7	44.92	68.80	0.65	chr5	5q33.3	45	1070	86.48	71.57
RIC3	25.57	39.17	0.65	chr11	11p15.4	59	726	99.74	84.09
Hs.709696	509.68	780.68	0.65	chr11	N/A	11	332	104.85	44.33
MYO9B	48.69	74.58	0.65	chr19	19p13.1	59	1545	92.62	231.64
Hs.604415	7.68	11.77	0.65	chr7	N/A	7	73	87.73	95.67
FAM151A	16.85	25.81	0.65	chr1	N/A	27	405	128.50	194.71
YME1L1	59.09	90.51	0.65	chr10	10p14	264	7152	158.06	224.12
NGB	17.31	26.51	0.65	chr14	14q24.3	29	832	90.90	96.26
Hs.47563	7.31	11.20	0.65	chr3	N/A	7	73	74.92	120.51
Hs.623892	3.67	5.62	0.65	chr10	N/A	1	304	0.00	84.75
Hs.660473	7.98	12.23	0.65	chr1	N/A	10	33	79.62	51.02
Hs.727332	6.28	9.63	0.65	chr7	N/A	10	28	32.33	104.81
Hs.337096	4.79	7.34	0.65	chr5	N/A	10	28	52.38	52.14
GLA	71.22	109.12	0.65	chrX	Xq22	30	577	60.68	46.39
Hs.602891	9.46	14.49	0.65	chr19	N/A	7	73	35.50	57.38
LOC400456	8.84	13.55	0.65	chr15	15q26.2	27	413	51.16	63.31
VMP1	246.63	377.94	0.65	chr17	17q23.1	37	1214	123.61	171.75
SSMEM1	10.68	16.37	0.65	chr7	7q32.2	20	689	121.25	283.61
JMJD1C-AS1	15.17	23.25	0.65	chr10	10q21.3	30	489	70.52	87.91
Hs.666253	12.55	19.23	0.65	chr3	N/A	7	51	57.05	92.90
Hs.568874	7.94	12.17	0.65	chr10	N/A	8	377	36.91	121.07
MFSD12	42.92	65.80	0.65	chr19	19p13.3	68	1084	143.38	97.62
XKRX	18.53	28.40	0.65	chrX	Xq22.1	18	436	209.61	174.77
ANXA3	80.91	124.03	0.65	chr4	4q21.21	28	555	60.38	155.95
Hs.621874	3.94	6.05	0.65	chr1	N/A	1	304	0.00	75.17
RBM4	71.68	109.88	0.65	chr11	11q13	90	2123	201.38	136.92
ZNF235	10.70	16.41	0.65	chr19	19q13.2	43	974	70.78	69.70
Hs.666583	6.99	10.71	0.65	chr6	N/A	7	73	97.90	81.54
Hs.20588	29.13	44.65	0.65	chr17	N/A	10	139	150.23	290.56

Hs.667681	7.52	11.53	0.65	chr11	N/A	2	22	29.19	61.14
Hs.602933	21.96	33.68	0.65	chr3	N/A	7	73	68.00	65.66
DSN1	22.77	34.91	0.65	chr20	20q11.23	23	512	52.78	72.32
Hs.130047	42.49	65.16	0.65	chr8	N/A	7	73	73.95	59.45
CDH15	21.71	33.30	0.65	chr16	16q24.3	35	997	117.20	104.16
GPC2	22.00	33.74	0.65	chr7	7q22.1	17	345	56.85	71.81
LOC100506664	8.04	12.33	0.65	chr7	N/A	14	146	70.06	90.44
NTNG1	19.66	30.16	0.65	chr1	1p13.3	64	1168	146.78	125.28
SHH	20.03	30.73	0.65	chr7	7q36	24	789	109.83	81.70
Hs.596052	22.34	34.27	0.65	chr1	N/A	1	304	0.00	80.97
ADO	53.18	81.58	0.65	chr10	10q21.3	43	1369	109.09	105.87
Hs.734328	5.36	8.22	0.65	chr5	N/A	3	66	82.41	104.07
Hs.314413	95.03	145.78	0.65	chr13	N/A	7	73	55.17	115.14
Hs.434238	7.00	10.73	0.65	chr12	N/A	4	304	23.63	58.89
Hs.662746	11.40	17.48	0.65	chr15	N/A	2	608	108.35	66.01
Hs.586239	9.85	15.11	0.65	chr6	N/A	4	304	74.18	76.62
RSAD2	25.06	38.45	0.65	chr2	2p25.2	41	892	116.16	86.84
Hs.729494	16.31	25.02	0.65	chrX	N/A	4	304	50.42	69.22
DUS2L	36.10	55.39	0.65	chr16	16q22.1	33	953	101.16	59.26
HCCAT5	24.53	37.64	0.65	chr16	16q22.3	1	304	0.00	35.84
UNC13C	8.02	12.31	0.65	chr15	15q21.3	39	1446	94.00	122.88
TDRP	26.40	40.51	0.65	chr8	8p23.3	26	1091	210.59	66.01
SRP19	90.85	139.43	0.65	chr5	5q21-q22	76	1206	92.95	109.45
Hs.206943	16.28	24.98	0.65	chr8	N/A	2	22	63.41	44.11
Hs.720945	23.43	35.96	0.65	chr20	N/A	7	73	57.11	43.41
Hs.660444	11.39	17.49	0.65	chr6	N/A	7	73	71.77	67.69
Hs.146446	10.41	15.97	0.65	chr3	N/A	3	66	41.24	67.49
Hs.744568	23.94	36.75	0.65	chr19	N/A	9	28	41.91	55.35
C12orf60	14.45	22.18	0.65	chr12	12p12.3	37	835	88.04	134.36
Hs.28773	21.33	32.74	0.65	chr20	N/A	11	377	59.58	61.17
GLIPR2	77.24	118.57	0.65	chr9	9p13.3	32	761	160.98	84.95
Hs.439525	40.01	61.42	0.65	chr1	N/A	1	304	0.00	57.80
LEPRE1	49.09	75.36	0.65	chr1	1p34.1	35	633	58.27	62.19
Hs.666855	6.36	9.77	0.65	chrX	N/A	14	146	63.41	101.98
Hs.592722	60.19	92.42	0.65	chr16	N/A	1	304	0.00	30.89
Hs.150167	9.27	14.23	0.65	chr22	N/A	5	420	41.87	52.90
CYB561D2	48.36	74.25	0.65	chr3	3p21.3	38	955	81.34	68.69
KCNU1	12.75	19.58	0.65	chr8	8p11.23	6	355	53.62	139.95
CHMP1B	87.55	134.43	0.65	chr18	18p11.21	47	1098	87.32	77.41
ITGB8	39.74	61.02	0.65	chr7	7p21.1	99	1977	335.42	217.50
GRAP	17.76	27.27	0.65	chr17	17p11.2	68	976	121.52	102.01
RPS27	2,857.15	4,387.91	0.65	chr1	1q21	39	544	50.66	43.90
Hs.535847	12.89	19.79	0.65	chr6	N/A	9	681	79.35	90.49
LRP4	35.48	54.50	0.65	chr11	11p11.2	32	618	68.70	100.65
Hs.54721	8.87	13.62	0.65	chr18	N/A	18	450	41.23	59.86
KLHDC7A	14.43	22.16	0.65	chr1	1p36.13	27	766	73.19	89.52
DARC	109.88	168.76	0.65	chr1	1q21-q22	30	569	131.19	112.49
Hs.657596	43.15	66.28	0.65	chr1	N/A	1	304	0.00	35.73
Hs.603518	7.86	12.08	0.65	chr3	N/A	7	73	50.38	80.10
MPDU1	49.24	75.64	0.65	chr17	17p13.1-p12	42	605	101.19	70.62
RCBTB2	41.11	63.15	0.65	chr13	13q14.3	34	879	104.72	93.83
Hs.519941	6.28	9.65	0.65	chr6	N/A	3	326	70.68	124.58
KIAA1549	17.66	27.13	0.65	chr7	7q34	51	1245	87.52	75.31
Hs.671061	58.89	90.48	0.65	chr9	N/A	1	304	0.00	43.06
OR2T6	115.18	176.97	0.65	chr1	1q44	8	52	165.74	77.94
SLC22A23	43.48	66.81	0.65	chr6	6p25.2	69	1713	90.94	122.88
LOC100507599	15.51	23.83	0.65	chr22	N/A	20	101	68.18	63.36
Hs.666378	8.25	12.68	0.65	chr2	N/A	3	66	53.41	89.58
Hs.668481	14.50	22.29	0.65	chr10	N/A	1	304	0.00	47.05
GNAT3	9.51	14.61	0.65	chr7	7q21.11	18	493	82.90	90.58
Hs.660611	7.45	11.45	0.65	chr2	N/A	8	377	68.95	752.32
AFF3	15.03	23.11	0.65	chr2	2q11.2-q12	118	2601	120.63	167.48
Hs.669034	9.41	14.46	0.65	chr9	N/A	1	304	0.00	48.20
SDCCAG8	25.62	39.38	0.65	chr1	1q43	61	1835	105.52	83.01
LTBP1	77.16	118.61	0.65	chr2	2p22-p21	66	1312	151.26	150.01
GCLC	63.84	98.14	0.65	chr6	6p12	70	1548	180.68	143.26
USH2A	8.59	13.21	0.65	chr1	1q41	66	742	81.89	137.22
Hs.132414	9.27	14.25	0.65	chr8	N/A	2	22	22.63	76.89
Hs.143939	7.65	11.76	0.65	chr16	N/A	6	326	31.06	51.47
Hs.600018	8.57	13.18	0.65	chr17	N/A	7	73	35.28	76.87
Hs.59735	17.34	26.67	0.65	chr5	N/A	3	66	78.81	160.07
HDAC11	46.41	71.36	0.65	chr3	3p25.1	43	1004	120.80	208.89
Hs.43741	4.86	7.47	0.65	chr18	N/A	9	89	61.88	82.31
Hs.307117	18.46	28.39	0.65	chr20	N/A	7	73	78.59	61.32
Hs.147865	7.60	11.69	0.65	chrX	N/A	10	73	86.15	97.32
Hs.522143	13.41	20.61	0.65	chr16	N/A	29	606	120.33	124.65
C15orf38	31.42	48.31	0.65	chr15	15q26.1	34	445	87.01	52.96
Hs.604675	9.53	14.66	0.65	chr4	N/A	7	73	38.37	82.24
MBNL3	25.94	39.89	0.65	chrX	Xq26.2	89	1139	159.52	205.78
AGPHD1	19.39	29.83	0.65	chr15	15q25.1	24	405	68.31	74.25
HOXB9	17.27	26.56	0.65	chr17	17q21.3	29	829	99.47	80.05
MAGEC1	17.10	26.29	0.65	chrX	Xq26	39	565	64.30	80.71
PRPF38A	73.04	112.34	0.65	chr1	1p32.3	40	801	179.75	91.09
CASR	14.61	22.47	0.65	chr3	3q13	48	2058	147.06	488.63
LOC100129894	6.03	9.27	0.65	chr10	10p15.3	10	28	23.74	76.17
DDOST	215.92	332.14	0.65	chr1	1p36.1	42	1070	82.37	62.97
TTC28	39.68	61.04	0.65	chr22	22q12.1	70	1522	193.54	82.49
HIST1H2BC	38.21	58.78	0.65	chr6	6p22.1	33	711	190.99	239.62
MROH8	15.48	23.82	0.65	chr20	20q11.22	63	922	64.44	127.92
TCF7L1	12.22	18.80	0.65	chrX	Xp22.2	13	978	24.99	42.10
BCL2L10	10.20	15.70	0.65	chr15	15q21	22	757	75.76	71.35
Hs.596217	53.59	82.47	0.65	chr8	N/A	7	73	100.10	69.80
TYR	15.94	24.53	0.65	chr11	11q14-q21	63	1380	139.45	129.21

MYH15	15.50	23.85	0.65	chr3	3q13.13	22	532	104.54	63.58
ROCK1	77.98	120.01	0.65	chr18	18q11.1	58	1810	174.83	124.74
Hs.541317	7.83	12.05	0.65	chr19	N/A	7	73	54.95	66.33
Hs.119164	19.74	30.38	0.65	chr10	N/A	11	377	74.31	50.74
FRMPD1	20.46	31.49	0.65	chr9	9p13.2	23	490	94.08	137.30
TMEM114	7.12	10.96	0.65	chr16	16p13.2	10	393	51.62	77.18
Hs.713686	78.25	120.45	0.65	chrX	N/A	7	73	60.36	51.47
TMEM128	97.22	149.66	0.65	chr4	4p16.3	29	469	120.69	107.98
BEGAIN	30.80	47.41	0.65	chr14	14q32.2	21	460	65.89	66.51
Hs.659085	52.27	80.46	0.65	chr8	N/A	1	304	0.00	31.75
Hs.733080	99.28	152.82	0.65	chr19	N/A	7	73	101.06	47.49
UBAP1	60.85	93.68	0.65	chr9	9p13.3	48	1001	140.93	67.66
LRRC48	16.89	26.00	0.65	chr17	17p11.2	54	975	79.33	95.20
DEPDC5	20.20	31.10	0.65	chr22	22q12.3	40	648	108.30	85.09
Hs.737472	16.19	24.93	0.65	chr3	N/A	1	304	0.00	84.18
CATSPERD	8.31	12.79	0.65	chr19	19p13.3	29	457	100.18	232.01
Hs.733660	13.35	20.56	0.65	chr4	N/A	9	685	84.31	84.16
Hs.293024	10.58	16.29	0.65	chr11	N/A	8	420	69.27	50.29
LINC00620	4.45	6.85	0.65	chr3	3p25.1	1	304	0.00	54.77
TK2	31.59	48.65	0.65	chr16	16q22-q23.1	76	1269	76.34	88.21
Hs.599886	25.61	39.44	0.65	chr2	N/A	7	73	108.59	71.14
GRIK5	46.87	72.18	0.65	chr19	19q13.2	33	1301	121.68	166.46
Hs.645871	66.13	101.85	0.65	chr9	N/A	3	66	100.56	85.49
Hs.128216	14.14	21.77	0.65	chr15	N/A	3	66	76.31	50.95
NBPF15	107.03	164.83	0.65	chr1	1q21.2	37	195	107.29	136.44
Hs.569559	10.03	15.44	0.65	chr16	N/A	7	73	68.50	118.30
Hs.649308	7.34	11.30	0.65	chr7	N/A	3	326	16.58	65.23
CENPA	23.01	35.44	0.65	chr2	2p23.3	41	987	124.19	86.15
DPCD	79.90	123.06	0.65	chr10	10q24.32	25	721	46.16	132.59
Hs.665172	5.86	9.03	0.65	chr5	N/A	1	304	0.00	70.25
DPAGT1	62.37	96.07	0.65	chr11	11q23.3	33	576	123.01	55.20
Hs.290255	5.88	9.06	0.65	chr10	N/A	14	332	25.34	76.59
MAD2L1	24.39	37.57	0.65	chr4	4q27	34	959	120.03	143.00
FKBP10	31.64	48.75	0.65	chr17	17q21.2	28	533	124.92	104.87
Hs.666172	23.99	36.96	0.65	chr4	N/A	14	146	83.27	69.05
RPS17L	1,773.26	2,732.37	0.65	chr15	N/A	46	1003	49.03	37.88
STRC	22.05	33.98	0.65	chr15	15q15.3	27	412	155.25	56.69
GUCA2B	11.68	18.00	0.65	chr1	1p34-p33	28	549	117.68	200.60
NKTR	101.52	156.43	0.65	chr3	3p23-p21	92	3372	183.27	196.54
Hs.614259	25.10	38.67	0.65	chr5	N/A	1	304	0.00	85.60
CACNA1A	23.65	36.45	0.65	chr19	19p13	53	1484	197.69	144.13
FLJ45248	14.68	22.62	0.65	chr8	8q22.3	13	28	77.18	40.75
DSCAM	18.90	29.14	0.65	chr21	21q22.2	37	864	113.75	92.80
DPP9	38.98	60.08	0.65	chr19	19p13.3	45	1176	140.77	80.06
PIGC	37.49	57.79	0.65	chr1	1q23-q25	73	1708	103.55	95.97
Hs.666917	7.38	11.37	0.65	chr12	N/A	7	73	41.01	90.16
MBD1	46.15	71.15	0.65	chr18	18q21	60	1977	121.20	95.06
MSR1	10.81	16.66	0.65	chr8	8p22	83	2010	117.86	128.99
Hs.374945	17.70	27.28	0.65	chr19	N/A	8	377	73.98	58.60
Hs.525963	9.00	13.87	0.65	chr1	N/A	7	73	60.11	87.27
LOC100505904	6.87	10.60	0.65	chr7	N/A	8	377	87.42	70.31
Hs.680526	151.89	234.15	0.65	chr1	N/A	2	608	23.31	62.47
LOC101060007	8.69	13.40	0.65	chr5	N/A	3	326	41.15	69.62
KLC2	48.65	75.01	0.65	chr11	11q13.2	27	455	80.95	76.04
Hs.724217	7.70	11.87	0.65	chr9	N/A	11	332	59.02	61.94
SPTY2D1	15.26	23.53	0.65	chr11	11p15.1	41	615	70.07	83.50
KCTD15	30.45	46.95	0.65	chr19	19q13.11	58	1939	93.19	96.68
Hs.125424	9.17	14.14	0.65	chr7	N/A	5	22	54.82	66.01
Hs.732931	24.42	37.67	0.65	chr17	N/A	14	146	152.70	91.78
Hs.167087	43.27	66.75	0.65	chr3	N/A	4	370	55.63	64.74
C10orf105	10.91	16.83	0.65	chr10	10q22.1	3	78	131.75	92.38
CCDC132	23.16	35.74	0.65	chr7	7q21.3	81	1667	183.35	133.66
USP37	28.37	43.78	0.65	chr2	2q35	38	1096	69.84	58.01
Hs.664020	76.92	118.67	0.65	chrX	N/A	5	51	21.45	92.30
Hs.670136	5.02	7.75	0.65	chr2	N/A	10	840	75.82	91.52
Hs.604558	31.27	48.25	0.65	chr19	N/A	7	73	27.20	68.29
ECE1	44.73	69.02	0.65	chr1	1p36.1	51	1148	111.92	87.90
Hs.733322	12.91	19.91	0.65	chr17	N/A	12	493	83.74	57.83
Hs.131775	12.76	19.68	0.65	chr1	N/A	1	304	0.00	40.83
SIX4	16.36	25.25	0.65	chr14	14q23	35	804	104.60	160.88
TANK	67.86	104.72	0.65	chr2	2q24-q31	69	1530	126.20	102.94
Hs.380243	7.52	11.60	0.65	chr21	N/A	10	73	38.09	85.60
PHACTR2	64.01	98.79	0.65	chr6	6q24.2	82	2462	167.25	88.16
Hs.153290	15.21	23.47	0.65	chr5	N/A	4	304	64.13	50.95
L3MBTL2	68.15	105.18	0.65	chr22	22q13.31-q13.	33	728	125.77	70.11
ZNHIT6	32.16	49.63	0.65	chr1	1p22.3	36	909	112.53	83.30
MCM10	11.40	17.59	0.65	chr10	10p13	36	1084	76.38	84.22
EBAG9	59.32	91.56	0.65	chr8	8q23	29	499	98.02	65.90
Hs.671895	12.52	19.33	0.65	chr18	N/A	2	608	86.23	65.49
Hs.655833	8.71	13.45	0.65	chr13	N/A	14	146	93.24	78.42
DLK2	24.90	38.44	0.65	chr6	6p21.1	51	679	90.08	109.33
Hs.497647	7.62	11.76	0.65	chr1	N/A	7	73	92.96	111.95
LOC100506844	83.30	128.61	0.65	chr12	N/A	8	377	56.89	200.12
Hs.628272	13.45	20.76	0.65	chr1	N/A	10	28	34.02	45.62
Hs.61648	24.44	37.73	0.65	chr20	N/A	11	377	93.50	104.04
Hs.105575	31.04	47.93	0.65	chr10	N/A	28	478	124.00	73.35
PRR7-AS1	15.77	24.35	0.65	chr5	5q35.3	1	304	0.00	44.31
COPG1	93.16	143.87	0.65	chr3	3q21.3	35	611	109.82	91.94
PCDHB7	15.14	23.37	0.65	chr5	5q31	24	415	57.17	64.10
YWHAB	404.28	624.42	0.65	chr20	20q13.1	77	1676	94.59	91.12
Hs.130455	9.91	15.30	0.65	chr7	N/A	10	73	78.65	83.17
PRRG2	20.84	32.19	0.65	chr19	19q13.33	30	566	84.62	105.55
PHLDA2	35.25	54.45	0.65	chr11	11p15.4	55	1453	157.32	175.94

BUD13	63.10	97.47	0.65	chr11	11q23.3	26	469	49.70	66.10
FCGR3A	85.19	131.59	0.65	chr1	1q23	41	188	106.42	128.87
TDGF1	20.56	31.76	0.65	chr3	3p21.31	34	497	212.32	156.51
TMEM108	18.13	28.02	0.65	chr3	3q21	77	1726	108.34	104.26
Hs.735749	3.09	4.78	0.65	chr13	N/A	1	304	0.00	65.11
Hs.465405	121.91	188.34	0.65	chr1	N/A	19	344	22.92	49.39
Hs.732108	29.00	44.80	0.65	chr6	N/A	7	73	82.98	83.88
GKAP1	67.01	103.54	0.65	chr9	9q21.32	35	1149	84.81	307.60
Hs.547396	22.92	35.42	0.65	chr13	N/A	19	709	61.92	97.08
Hs.651268	6.04	9.33	0.65	chr6	N/A	2	22	5.47	82.65
IFNA13	32.63	50.42	0.65	chr9	9p22	14	426	91.44	81.59
Hs.660185	61.70	95.34	0.65	chr9	N/A	1	304	0.00	94.97
Hs.736239	10.13	15.66	0.65	chr8	N/A	1	304	0.00	66.49
Hs.661975	20.86	32.24	0.65	chr6	N/A	7	459	63.26	87.08
Hs.734384	21.27	32.87	0.65	chr14	N/A	7	73	81.71	84.11
TSKU	76.35	118.02	0.65	chr11	11q13.5	28	530	122.30	90.71
HLF	51.57	79.72	0.65	chr17	17q22	65	1708	103.81	107.23
ZNF195	31.27	48.34	0.65	chr11	11p15.5	115	699	187.87	83.59
NT5C3A	96.57	149.28	0.65	chr7	7p14.3	37	502	55.14	68.92
MTHFSD	14.46	22.35	0.65	chr16	16q24.1	59	1868	115.56	74.59
Hs.370299	55.84	86.33	0.65	chr14	N/A	7	73	58.10	63.47
Hs.515570	39.08	60.43	0.65	chr19	N/A	11	382	42.12	115.35
Hs.634840	13.02	20.13	0.65	chr7	N/A	14	146	99.61	77.09
EDN1	41.89	64.78	0.65	chr6	6p24.1	48	1290	51.18	99.33
Hs.436014	5.90	9.12	0.65	chr5	N/A	10	73	44.81	127.58
Hs.733995	60.54	93.63	0.65	chr9	N/A	13	797	74.27	60.57
Hs.425537	9.97	15.42	0.65	chr12	N/A	7	73	85.05	88.27
UST	25.65	39.67	0.65	chr6	6q25.1	49	1135	119.16	120.37
SOX5	11.30	17.48	0.65	chr12	12p12.1	65	1332	137.48	128.02
C1orf35	45.87	70.95	0.65	chr1	1q42.13	35	606	72.06	60.74
Hs.617267	6.48	10.02	0.65	chr7	N/A	10	28	24.32	39.58
Hs.705485	130.18	201.40	0.65	chr6	N/A	15	124	68.17	84.75
XKR3	8.85	13.70	0.65	chr22	22q11.1	20	132	109.20	76.48
Hs.656061	9.12	14.11	0.65	chr10	N/A	7	73	40.88	70.88
CHODL	24.64	38.13	0.65	chr21	21q11.2	28	533	78.22	170.63
KCNRG	12.44	19.25	0.65	chr13	13q14.2	17	637	47.47	144.14
TAB2	64.17	99.29	0.65	chr6	6q25.1	54	1160	114.90	62.70
Hs.600946	9.36	14.48	0.65	chr3	N/A	7	73	47.37	49.95
CTNNB1	132.58	205.15	0.65	chr3	3p21	100	1499	155.77	104.93
CGGBP1	105.38	163.06	0.65	chr3	3p12-p11.1	69	1818	109.70	99.71
LRP2BP	14.09	21.81	0.65	chr4	4q35.1	38	854	84.79	115.16
Hs.93780	21.48	33.25	0.65	chr3	N/A	17	101	42.66	49.94
ATP6V1B1	17.99	27.84	0.65	chr2	2p13.1	55	1043	128.11	130.77
Hs.435168	12.14	18.80	0.65	chr12	N/A	7	73	96.55	232.24
Hs.744350	35.29	54.62	0.65	chr17	N/A	7	73	77.52	66.39
Hs.665977	15.43	23.89	0.65	chr3	N/A	7	73	63.43	68.13
LLGL1	30.34	46.97	0.65	chr17	17p11.2	43	1371	105.60	108.86
RPRD1B	44.68	69.17	0.65	chr20	20q11.21-q12	63	985	156.92	206.37
BCAP31	312.91	484.39	0.65	chrX	Xq28	45	668	73.09	101.44
Hs.659912	12.05	18.66	0.65	chr11	N/A	7	73	69.62	65.91
MAGEB2	15.35	23.77	0.65	chrX	Xp21.3	33	567	51.53	143.25
Hs.568876	14.47	22.41	0.65	chr10	N/A	10	28	20.02	71.14
Hs.129273	6.88	10.66	0.65	chr18	N/A	7	73	37.67	76.01
Hs.682164	17.94	27.79	0.65	chr7	N/A	1	304	0.00	41.71
DEFB129	9.47	14.67	0.65	chr20	20p13	26	457	50.26	173.80
IL22	13.18	20.41	0.65	chr12	12q15	25	758	152.99	92.87
ZNF585A	20.22	31.33	0.65	chr19	19q13.12	56	1475	89.86	61.92
Hs.603630	8.31	12.88	0.65	chr10	N/A	2	22	19.05	137.44
NPEPPS	95.00	147.16	0.65	chr17	17q21	104	1726	149.69	106.97
ERV3-1	18.28	28.32	0.65	chr7	7q11.2	8	52	80.85	76.33
Hs.143328	9.89	15.32	0.65	chr5	N/A	2	22	24.79	59.60
ALDH16A1	32.08	49.70	0.65	chr19	19q13.33	47	664	91.38	80.54
Hs.635118	6.86	10.63	0.65	chr14	N/A	3	66	51.67	77.31
KIAA0226	31.96	49.52	0.65	chr3	3q29	87	2307	102.54	112.89
Hs.567944	8.39	13.00	0.65	chr1	N/A	7	73	36.17	64.99
RECQL5	19.73	30.57	0.65	chr17	17q25	69	2231	93.75	128.49
ESYT3	11.22	17.39	0.65	chr3	3q22.3	43	1190	145.86	145.39
Hs.549435	11.86	18.39	0.65	chr1	N/A	10	73	89.23	94.35
TCTN1	47.15	73.07	0.65	chr12	12q24.11	39	865	83.54	68.04
Hs.666550	10.69	16.57	0.65	chr15	N/A	11	443	41.50	56.40
CPA6	6.32	9.79	0.65	chr8	8q13.2	42	840	121.88	148.38
LINC00856	26.55	41.15	0.65	chr10	10q22.3	5	608	43.92	53.48
ARV1	57.30	88.82	0.65	chr1	1q42.2	50	829	85.29	72.62
H19	464.86	720.63	0.65	chr11	11p15.5	42	837	125.40	143.22
Hs.598714	63.96	99.15	0.65	chr10	N/A	19	197	70.12	114.71
NCAN	24.40	37.83	0.65	chr19	19p12	37	642	105.75	145.99
Hs.671083	27.63	42.84	0.65	chr14	N/A	1	304	0.00	42.34
Hs.210364	5.37	8.32	0.65	chr2	N/A	10	73	60.94	95.47
Hs.666573	5.70	8.84	0.65	chr4	N/A	5	51	78.75	167.05
DCPS	46.36	71.87	0.64	chr11	11q24.2	28	533	48.38	74.19
Hs.655540	10.63	16.48	0.64	chr14	N/A	7	73	35.23	91.94
PPT2	78.41	121.57	0.64	chr6	6p21.3	44	1027	95.65	128.83
Hs.276976	129.71	201.14	0.64	chrX	N/A	8	377	96.75	60.76
ATG7	33.73	52.31	0.64	chr3	3p25.3	50	1259	125.85	50.51
Hs.545194	8.18	12.68	0.64	chr8	N/A	7	73	87.64	63.90
Hs.659612	65.43	101.48	0.64	chr1	N/A	7	73	41.26	54.68
Hs.603469	8.77	13.60	0.64	chr1	N/A	2	22	1.24	59.45
LOC100507150	19.16	29.71	0.64	chr4	N/A	2	608	104.82	59.17
PKIB	79.62	123.49	0.64	chr6	6q22.31	44	915	276.70	325.32
ARSJ	10.61	16.46	0.64	chr4	4q26	30	581	104.62	89.20
Hs.155004	13.27	20.59	0.64	chr12	N/A	1	304	0.00	40.02
LINC00487	8.44	13.10	0.64	chr2	2p25.2	11	377	43.45	107.58
Hs.134470	66.85	103.69	0.64	chr17	N/A	20	1013	110.51	120.42

Hs.656947	72.01	111.71	0.64	chr7	N/A	7	73	49.73	70.61
SNORA70F	290.04	449.95	0.64	chr2	N/A	14	146	59.81	71.27
Hs.129114	17.32	26.88	0.64	chr8	N/A	10	73	105.52	87.82
Hs.660506	8.89	13.80	0.64	chr18	N/A	7	73	77.45	120.86
Hs.660071	6.34	9.84	0.64	chr17	N/A	5	51	18.08	60.00
Hs.568627	13.22	20.51	0.64	chr1	N/A	3	326	52.00	82.57
ZCCHC13	11.67	18.10	0.64	chrX	Xq13.2	19	384	156.82	125.18
LINC00242	9.28	14.39	0.64	chr6	6q27	7	305	72.88	48.17
Hs.600887	8.02	12.45	0.64	chr18	N/A	7	73	55.78	101.49
IRF2BP2	230.38	357.50	0.64	chr1	1q42.3	64	1887	123.69	147.75
Hs.665287	15.15	23.51	0.64	chr12	N/A	7	73	84.28	70.61
DNAJC7	90.06	139.77	0.64	chr17	17q11.2	28	886	62.09	53.55
NYAP2	9.28	14.40	0.64	chr2	2q36.3	28	468	68.36	68.49
Hs.635281	18.74	29.09	0.64	chr19	N/A	7	73	81.76	64.86
TM9SF2	317.01	492.04	0.64	chr13	13q32.3	40	605	119.72	103.48
Hs.667749	8.63	13.40	0.64	chr17	N/A	14	146	55.83	91.52
BRAF	26.09	40.51	0.64	chr7	7q34	65	1207	97.41	69.75
Hs.596262	8.19	12.72	0.64	chr6	N/A	7	73	76.87	74.11
Hs.604397	10.16	15.78	0.64	chr1	N/A	10	28	37.58	70.05
EBF4	33.14	51.45	0.64	chr20	20p13	27	532	74.17	75.64
Hs.117238	8.86	13.75	0.64	chr21	N/A	7	73	75.10	71.01
TRIM35	37.64	58.43	0.64	chr8	8p21.2	46	561	85.46	68.42
IL11	17.97	27.91	0.64	chr19	19q13.3-q13.4	35	985	199.96	144.56
BAG5	56.22	87.29	0.64	chr14	14q32.33	65	1357	132.38	110.15
C3orf56	7.64	11.87	0.64	chr3	3q21.3	4	304	57.36	58.98
Hs.633161	27.39	42.53	0.64	chr5	N/A	7	73	58.04	43.43
Hs.665702	5.69	8.84	0.64	chr17	N/A	3	326	22.14	89.71
Hs.131145	8.10	12.57	0.64	chr1	N/A	7	73	49.75	62.17
ZNF674-AS1	7.72	11.99	0.64	chrX	Xp11.23	13	348	89.40	84.38
GFPT1	60.72	94.31	0.64	chr2	2p13	61	1760	96.41	80.52
FGF14	14.62	22.71	0.64	chr13	13q34	40	1212	91.02	89.33
NADK	52.84	82.07	0.64	chr1	1p36.33	79	2846	138.04	161.57
Hs.653742	46.05	71.54	0.64	chr5	N/A	7	73	70.66	64.05
Hs.666644	16.33	25.37	0.64	chr11	N/A	2	22	44.72	52.77
TOLLIP	40.99	63.68	0.64	chr11	11p15.5	55	1624	201.43	63.73
C11orf95	42.32	65.74	0.64	chr11	11q13	35	837	76.10	89.78
SPATA9	9.44	14.66	0.64	chr5	5q15	52	913	123.82	290.12
Hs.710607	47.71	74.12	0.64	chr2	N/A	14	146	87.43	84.41
TDRD5	8.32	12.93	0.64	chr1	1q25.2	20	333	209.92	184.08
LOC100507654	9.47	14.72	0.64	chr13	N/A	13	944	70.56	59.23
LOC729296	5.55	8.63	0.64	chr20	20q13.33	9	681	37.50	143.93
CENPE	19.96	31.02	0.64	chr4	4q24-q25	130	784	167.00	128.82
Hs.720769	16.44	25.54	0.64	chr10	N/A	1	304	0.00	35.42
TNFRSF8	21.45	33.34	0.64	chr1	1p36	40	640	87.89	63.99
SUSD1	29.22	45.42	0.64	chr9	9q31.3-q33.1	37	646	90.96	68.99
Hs.345694	16.29	25.32	0.64	chr2	N/A	3	326	113.44	51.79
BCLAF1	100.73	156.56	0.64	chr6	6q22-q23	72	2557	115.73	118.74
FCRL6	34.75	54.01	0.64	chr1	1q23.2	7	104	118.04	63.96
Hs.521623	7.38	11.47	0.64	chr8	N/A	3	66	52.33	162.42
Hs.673066	8.33	12.95	0.64	chr11	N/A	1	304	0.00	57.96
CDV3	106.17	165.04	0.64	chr3	3q22.1	71	1516	84.86	116.57
Hs.611396	9.38	14.58	0.64	chr1	N/A	10	28	96.58	32.75
SNAI3-AS1	13.52	21.01	0.64	chr16	16q24.3	12	636	55.40	82.00
CDRT15	14.67	22.81	0.64	chr17	17p12	14	332	210.00	73.99
TRIM58	18.40	28.60	0.64	chr1	1q44	75	888	74.34	325.51
Hs.598311	4.73	7.35	0.64	chr15	N/A	7	73	37.43	122.23
Hs.658544	11.93	18.55	0.64	chr6	N/A	7	73	87.87	62.25
CBR4	48.66	75.66	0.64	chr4	4q32.3	57	1100	103.84	69.02
LETM1	32.28	50.19	0.64	chr4	4p16.3	34	1252	73.49	55.09
Hs.119900	6.34	9.86	0.64	chr7	N/A	10	73	57.45	72.26
PIPSK1	33.07	51.42	0.64	chr15	15q15.3	51	1022	172.08	94.20
LOC286297	27.30	42.45	0.64	chr9	9q12	29	968	81.52	135.49
Hs.598360	51.31	79.79	0.64	chr7	N/A	7	73	63.98	45.09
Hs.126678	6.81	10.60	0.64	chr1	N/A	25	523	61.36	88.46
Hs.695151	16.49	25.64	0.64	chr13	N/A	7	73	56.85	101.48
MADD	82.29	127.99	0.64	chr11	11p11.2	41	997	60.81	52.53
SPSB1	46.76	72.73	0.64	chr1	1p36.22	38	865	64.77	71.91
INSR	50.71	78.88	0.64	chr19	19p13.3-p13.2	41	1283	142.81	98.30
Hs.601122	3.28	5.11	0.64	chr1	N/A	10	28	44.26	25.31
C1orf222	37.01	57.57	0.64	chr1	1p36.33	11	426	83.72	67.62
FAM179B	43.36	67.44	0.64	chr14	14q21.2	37	643	169.88	71.75
ZNF470	14.58	22.68	0.64	chr19	19q13.43	15	422	69.16	57.46
GPATCH1	27.55	42.85	0.64	chr19	19q13.11	35	606	94.47	101.85
ALOX12	79.01	122.93	0.64	chr17	17p13.1	47	666	244.26	237.33
Hs.131976	17.74	27.61	0.64	chr21	N/A	7	73	34.71	55.05
PRR19	13.92	21.65	0.64	chr19	19q13.2	12	422	67.37	72.73
LOC100506499	5.47	8.51	0.64	chr14	N/A	2	22	19.99	73.21
USP31	51.16	79.62	0.64	chr16	16p12.2	48	1576	83.02	76.15
Hs.573122	9.33	14.53	0.64	chr4	N/A	5	22	63.84	109.57
CELF2-AS1	17.69	27.54	0.64	chr10	10p14	4	304	82.36	40.02
LY6G6C	48.66	75.73	0.64	chr6	6p21.33	30	577	81.21	175.43
APBB3	55.72	86.71	0.64	chr5	5q31	34	623	75.59	57.05
ERMAP	29.89	46.52	0.64	chr1	1p34.2	36	532	242.09	193.38
MUC5AC	53.62	83.45	0.64	chr11	11p15.5	84	2071	218.03	324.12
Hs.724108	10.68	16.62	0.64	chr7	N/A	5	420	84.59	45.21
Hs.731893	7.65	11.91	0.64	chr10	N/A	1	304	0.00	71.63
Hs.604244	9.79	15.23	0.64	chr5	N/A	2	22	25.27	62.21
RAG2	5.56	8.66	0.64	chr11	11p13	25	532	131.36	310.90
Hs.68846	3.45	5.38	0.64	chr19	N/A	10	28	102.07	76.25
TAF1L	26.06	40.56	0.64	chr9	9p21.1	19	339	123.38	69.50
LOC645513	9.58	14.91	0.64	chr4	4q26	23	1936	61.86	84.62
Hs.627877	6.93	10.79	0.64	chr15	N/A	10	28	67.04	57.65
Hs.601083	8.53	13.28	0.64	chr15	N/A	7	73	75.80	98.32

Hs.666247	6.69	10.41	0.64	chr9	N/A	14	146	59.74	140.91
CCL17	12.54	19.52	0.64	chr16	16q13	23	504	108.60	87.25
Hs.145539	8.05	12.53	0.64	chr12	N/A	7	73	56.06	76.00
ARID5A	41.83	65.12	0.64	chr2	2q11.2	44	567	98.39	84.69
GARS	202.17	314.75	0.64	chr7	7p15	32	616	127.83	76.42
Hs.569544	7.08	11.02	0.64	chr16	N/A	12	50	58.34	99.38
RTTN	35.95	55.98	0.64	chr18	18q22.2	41	1093	118.36	104.56
KRTAP5-7	7.43	11.57	0.64	chr11	11q13.4	5	22	60.58	77.95
Hs.91145	3.17	4.94	0.64	chr2	N/A	1	304	0.00	87.16
NSFL1C	84.02	130.84	0.64	chr20	20p13	77	2524	88.64	85.90
CD247	29.10	45.31	0.64	chr1	1q24.2	33	571	104.32	187.75
CBFB	83.46	129.98	0.64	chr16	16q22.1	60	1149	98.25	97.17
INPP5B	18.90	29.44	0.64	chr1	1p34	47	1364	130.37	95.44
MAP1B	331.57	516.40	0.64	chr5	5q13	62	1541	196.41	213.22
RSU1	44.69	69.61	0.64	chr10	10p13	71	1721	124.72	112.75
Hs.732442	13.02	20.28	0.64	chr9	N/A	7	73	131.82	73.48
P4HA3	23.91	37.24	0.64	chr11	11q13.4	32	768	170.60	127.16
RIPK2	36.28	56.51	0.64	chr8	8q21	43	1001	96.78	96.11
Hs.640998	6.07	9.46	0.64	chr21	N/A	8	22	30.65	55.86
Hs.686117	12.23	19.06	0.64	chr10	N/A	1	304	0.00	70.41
LOC100130275	28.51	44.40	0.64	chr6	6p24.3	9	682	49.30	959.60
LOC100128993	7.68	11.97	0.64	chr8	8p21.3	6	320	106.68	177.20
Hs.537525	7.06	11.00	0.64	chr9	N/A	5	22	47.78	78.84
Hs.593545	24.74	38.55	0.64	chr3	N/A	7	73	98.38	71.42
Hs.566576	7.35	11.45	0.64	chr6	N/A	10	73	63.65	61.82
FMN1	28.95	45.11	0.64	chr15	15q13.3	38	1294	297.08	247.33
CLEC4M	27.76	43.24	0.64	chr19	19p13	55	1045	159.82	258.88
Hs.542223	5.76	8.97	0.64	chr2	N/A	10	73	47.21	103.92
Hs.567783	15.01	23.39	0.64	chr16	N/A	7	73	82.77	52.11
WDR55	48.72	75.92	0.64	chr5	5q31.3	36	853	122.15	59.23
FBXW9	46.17	71.94	0.64	chr19	19p13.2	26	466	120.84	58.22
Hs.602300	8.94	13.93	0.64	chr12	N/A	7	73	53.16	76.00
P2RY1	22.15	34.53	0.64	chr3	3q25.2	30	571	92.14	190.66
Hs.611871	307.21	478.87	0.64	chr17	N/A	7	73	87.79	93.88
SPATA31A1	12.08	18.82	0.64	chr9	9p13.1	10	73	89.94	124.95
SYTL4	35.26	54.97	0.64	chrX	Xq21.33	20	699	97.62	131.97
Hs.664494	12.99	20.25	0.64	chr5	N/A	7	73	54.90	75.35
NOXA1	43.72	68.16	0.64	chr9	9q34.3	17	344	40.03	43.70
Hs.334066	18.25	28.45	0.64	chr5	N/A	4	304	78.25	59.73
UBE2Q2	90.77	141.50	0.64	chr15	15q24.2	38	579	153.48	80.59
UNC45A	59.75	93.15	0.64	chr15	15q26.1	57	997	98.77	56.13
TMSB10	1,084.52	1,690.84	0.64	chr2	2p11.2	36	650	133.62	77.84
Hs.644927	7.41	11.56	0.64	chr18	N/A	7	73	33.75	119.80
Hs.658601	5.53	8.62	0.64	chr14	N/A	8	377	17.48	74.64
DNMT3L	8.88	13.84	0.64	chr21	21q22.3	24	454	95.60	107.02
Hs.144975	8.94	13.94	0.64	chr2	N/A	20	101	66.10	66.43
Hs.626863	4.33	6.75	0.64	chr17	N/A	7	73	61.52	99.12
MFSB8	34.45	53.72	0.64	chr4	4q28.2	39	1212	116.68	79.30
GPATCH2	16.13	25.14	0.64	chr1	1q41	66	1804	74.46	85.77
PPP1R9B	30.87	48.13	0.64	chr17	17q21.33	37	789	96.71	105.13
Hs.666700	11.30	17.61	0.64	chr12	N/A	7	73	77.64	86.68
Hs.670768	5.60	8.73	0.64	chr5	N/A	1	304	0.00	59.36
SLC35D2	43.34	67.59	0.64	chr9	9q22.32	36	1295	93.56	79.50
Hs.604269	11.25	17.54	0.64	chr4	N/A	7	73	62.84	60.06
ODC1	272.30	424.70	0.64	chr2	2p25	32	616	84.88	133.23
ZNF697	28.71	44.77	0.64	chr1	1p12	30	789	75.53	81.82
LINC00694	9.43	14.70	0.64	chr3	N/A	7	73	48.28	133.99
STARDB6	8.71	13.58	0.64	chr18	18q21.2	24	435	84.05	143.43
MLXIP	48.62	75.85	0.64	chr12	12q24.31	63	1381	135.82	149.43
KIRREL3	17.79	27.75	0.64	chr11	11q24	58	815	129.13	114.97
Hs.668398	10.30	16.06	0.64	chrX	N/A	7	73	60.53	84.74
ANKS6	15.51	24.20	0.64	chr9	9q22.33	53	1386	94.53	107.34
ZNF461	11.96	18.66	0.64	chr19	19q13.12	21	436	45.73	72.27
CRYZL1	37.85	59.06	0.64	chr21	21q21.3	66	1855	82.06	76.02
BMX	15.26	23.81	0.64	chrX	Xp22.2	44	579	64.38	89.79
LOC100132078	9.44	14.72	0.64	chr11	11q23.1	1	304	0.00	58.72
REXO4	37.50	58.52	0.64	chr9	9q34.2	21	465	110.70	53.57
RBM41	24.78	38.66	0.64	chrX	Xq22.3	59	1075	94.27	73.01
Hs.131334	13.83	21.59	0.64	chr7	N/A	21	450	60.72	434.59
Hs.562513	7.12	11.11	0.64	chr14	N/A	4	304	60.84	54.11
VGLL3	37.70	58.85	0.64	chr3	3p12.1	65	1133	150.08	397.05
Hs.666775	6.50	10.15	0.64	chr21	N/A	22	523	64.44	108.29
Hs.401982	20.72	32.35	0.64	chr20	N/A	7	73	43.78	127.65
Hs.661293	7.27	11.34	0.64	chr1	N/A	7	73	60.57	90.76
EIF3F	169.08	263.94	0.64	chr11	11p15.4	83	1531	153.42	149.45
Hs.594437	6.62	10.34	0.64	chr9	N/A	7	73	55.36	106.65
TMEM102	12.74	19.88	0.64	chr17	17p13.1	29	413	51.88	62.39
ZNF565	30.77	48.03	0.64	chr19	19q13.12	28	521	59.00	44.48
Hs.602243	10.68	16.68	0.64	chr3	N/A	10	28	69.67	34.37
AJUBA	22.73	35.49	0.64	chr14	14q11.2	43	1457	67.28	97.81
DNAH12	21.97	34.30	0.64	chr3	3p14.3	61	745	308.73	193.56
N4BP3	22.56	35.22	0.64	chr5	5q35.3	37	591	112.36	57.60
Hs.663286	22.96	35.85	0.64	chr9	N/A	7	73	69.93	48.46
AEN	25.89	40.43	0.64	chr15	15q26.1	38	561	128.49	58.85
LINC00605	17.53	27.37	0.64	chr14	14q32.32	1	304	0.00	52.94
Hs.561108	6.34	9.91	0.64	chr3	N/A	10	73	52.60	90.55
Hs.97872	10.89	17.01	0.64	chr7	N/A	11	377	43.97	95.38
PPP1R12A	60.94	95.17	0.64	chr12	12q15-q21	69	1194	190.80	98.54
Hs.309682	7.53	11.76	0.64	chr2	N/A	3	66	20.27	57.79
CERS1	54.89	85.72	0.64	chr19	19p12	52	997	200.73	225.45
CXorf61	11.02	17.21	0.64	chrX	Xq23	14	332	135.69	256.00
PTP4A2	329.49	514.64	0.64	chr1	1p35	101	1988	145.80	81.05
HEMGN	26.30	41.08	0.64	chr9	9q22.33	54	986	215.19	272.34

NRP2	21.12	33.00	0.64	chr2	2q33.3	124	5101	115.36	122.51
Hs.29546	16.15	25.23	0.64	chr20	N/A	11	377	75.54	51.45
LOC100505948	11.40	17.81	0.64	chr16	N/A	7	73	103.14	97.08
Hs.667613	19.90	31.09	0.64	chr4	N/A	2	22	26.20	51.11
TIAL1	55.57	86.81	0.64	chr10	10q	64	1575	89.30	113.25
IRAK1	94.36	147.41	0.64	chrX	Xq28	36	931	111.34	92.57
Hs.655756	28.74	44.90	0.64	chr3	N/A	19	952	109.84	79.48
DGKQ	25.68	40.12	0.64	chr4	4p16.3	38	942	166.69	107.24
Hs.658044	7.03	10.99	0.64	chr22	N/A	2	16	58.02	21.95
Hs.603618	9.65	15.08	0.64	chr8	N/A	3	326	41.02	214.67
Hs.449964	4.36	6.82	0.64	chr1	N/A	2	22	39.88	87.87
Hs.659671	25.22	39.42	0.64	chr6	N/A	21	219	74.71	67.11
CRYL1	92.42	144.44	0.64	chr13	13q12.11	28	538	61.15	110.17
KLHL20	33.48	52.33	0.64	chr1	1q25.1	62	1938	107.31	80.45
SSR4	336.33	525.65	0.64	chrX	Xq28	44	723	116.94	108.95
LOC100507299	7.79	12.18	0.64	chr9	N/A	14	772	73.47	89.70
SLC35B4	35.63	55.69	0.64	chr7	7q33	57	1256	154.73	79.24
RPP38	56.12	87.72	0.64	chr10	10p13	31	555	50.38	54.32
Hs.725354	17.14	26.79	0.64	chr2	N/A	7	73	94.59	76.64
IGHV3-48	10.93	17.08	0.64	chr14	14q32.33	33	488	148.47	121.09
Hs.633751	8.68	13.57	0.64	chr5	N/A	5	421	45.81	64.67
Hs.656695	17.05	26.65	0.64	chr5	N/A	21	219	80.03	68.78
Hs.350754	36.15	56.52	0.64	chr2	N/A	11	332	49.93	50.76
MGLL	174.00	272.02	0.64	chr3	3q21.3	51	1022	102.44	108.92
MAGEA3	16.86	26.36	0.64	chrX	Xq28	14	425	64.81	175.78
Hs.734410	8.60	13.45	0.64	chr1	N/A	7	73	49.88	74.28
TNS3	83.42	130.44	0.64	chr7	7p12.3	50	1029	156.98	122.36
SIRT6	43.81	68.51	0.64	chr19	19p13.3	29	842	67.34	46.42
HTATIP2	45.02	70.41	0.64	chr11	11p15.1	51	1749	96.15	87.24
UCN3	27.57	43.11	0.64	chr10	10p15.1	16	384	69.74	67.35
RIBC2	12.35	19.32	0.64	chr22	22q13.31	30	562	136.47	208.79
GPX5	10.49	16.40	0.64	chr6	6p22.1	35	874	65.91	64.53
OR14J1	29.83	46.66	0.64	chr6	6p22.1	9	356	130.19	102.79
Hs.632493	8.48	13.27	0.64	chr1	N/A	7	73	74.96	73.22
HDAC7	61.93	96.88	0.64	chr12	12q13.1	48	637	97.37	81.65
Hs.658674	20.10	31.44	0.64	chr13	N/A	7	73	105.97	49.13
IGF2-AS	57.28	89.61	0.64	chr11	11p15.5	21	461	109.91	609.25
Hs.130171	9.46	14.79	0.64	chr1	N/A	10	139	67.44	71.36
TMEM53	38.62	60.42	0.64	chr1	1p34.1	30	1141	61.03	72.62
DAXX	58.09	90.88	0.64	chr6	6p21.3	42	1086	64.38	103.25
ACSS3	32.73	51.21	0.64	chr12	12q21.31	43	979	68.38	88.37
NRIP1	99.00	154.88	0.64	chr21	21q11.2	48	1062	150.35	73.75
GTF2E1	35.79	56.00	0.64	chr3	3q21-q24	50	715	74.03	54.42
LOC100505806	19.75	30.90	0.64	chr5	N/A	8	377	77.89	80.00
Hs.636180	17.70	27.69	0.64	chr10	N/A	8	377	42.04	62.41
Hs.663342	10.21	15.97	0.64	chr9	N/A	7	73	61.64	75.75
Hs.666719	7.21	11.28	0.64	chr11	N/A	2	22	22.96	75.13
Hs.213380	8.81	13.79	0.64	chr4	N/A	1	304	0.00	51.43
Hs.128188	8.22	12.86	0.64	chr5	N/A	3	66	39.73	95.52
PERP	233.10	364.79	0.64	chr6	6q24	49	1855	134.36	244.03
Hs.595563	24.08	37.68	0.64	chr12	N/A	7	73	125.75	71.18
Hs.655817	11.61	18.18	0.64	chr1	N/A	7	73	72.77	63.33
Hs.733990	10.72	16.79	0.64	chr1	N/A	2	22	63.36	56.38
Hs.664979	8.26	12.93	0.64	chr6	N/A	1	304	0.00	73.15
SAPCD1	26.40	41.32	0.64	chr6	6p21.33	25	521	76.46	67.83
Hs.663728	8.29	12.98	0.64	chr2	N/A	7	73	77.95	64.71
Hs.733354	9.95	15.57	0.64	chr13	N/A	5	608	146.79	76.05
TMEM248	122.41	191.62	0.64	chr7	7q11.21	46	938	76.51	47.37
WBSCR28	7.52	11.77	0.64	chr7	7q11.23	26	457	71.93	210.11
ZNF649	18.40	28.81	0.64	chr19	19q13.41	36	488	99.53	109.00
CNGA2	11.26	17.63	0.64	chrX	Xq27	8	52	69.73	82.59
ZFR2	16.03	25.10	0.64	chr19	19p13.3	35	938	79.31	112.50
SDCCAG3	36.41	57.00	0.64	chr9	9q34.3	47	1292	122.34	81.54
CCDC90B	65.89	103.16	0.64	chr11	11q14.1	54	945	97.60	75.41
Hs.657557	18.61	29.13	0.64	chr10	N/A	18	1234	73.80	124.27
LOC100507632	9.48	14.85	0.64	chr8	N/A	28	478	65.80	105.98
WDR52-AS1	7.91	12.38	0.64	chr3	N/A	9	95	72.23	83.78
NOG	8.30	13.00	0.64	chr17	17q22	17	335	43.43	76.27
Hs.602279	7.52	11.77	0.64	chr5	N/A	14	146	72.04	81.82
Hs.666471	72.97	114.26	0.64	chr3	N/A	1	304	0.00	48.01
Hs.104091	21.50	33.67	0.64	chr9	N/A	14	443	51.87	76.05
Hs.714937	21.79	34.13	0.64	chr2	N/A	7	73	99.73	87.50
Hs.670926	27.83	43.59	0.64	chr16	N/A	2	22	31.56	62.70
ID3	132.85	208.05	0.64	chr1	1p36.13-p36.1	47	678	151.51	115.26
Hs.596857	8.38	13.13	0.64	chr1	N/A	8	377	52.85	60.52
Hs.572381	4.78	7.48	0.64	chr16	N/A	10	28	29.39	50.38
F3	113.09	177.12	0.64	chr1	1p22-p21	38	637	113.86	113.42
PDRG1	89.37	139.98	0.64	chr20	20q11.21	17	344	28.34	51.70
SIRT1	57.19	89.59	0.64	chr10	10q21.3	27	529	108.46	57.77
KIAA0195	71.14	111.43	0.64	chr17	17q25.1	30	584	89.94	55.16
GSTT2	25.29	39.62	0.64	chr22	22q11.23	33	521	72.48	97.22
STAG3L4	20.56	32.21	0.64	chr7	7p11.2-q11.2	33	1089	128.33	68.43
Hs.599713	16.14	25.28	0.64	chr19	N/A	7	73	56.30	82.05
Hs.538392	5.78	9.05	0.64	chr10	N/A	10	73	50.69	97.42
Hs.147218	8.31	13.02	0.64	chr22	N/A	7	73	58.82	66.04
Hs.696479	11.53	18.07	0.64	chr7	N/A	1	304	0.00	43.78
NLK	31.06	48.67	0.64	chr17	17q11.2	53	1387	81.91	89.17
DCPIA	59.01	92.45	0.64	chr3	3p21.1	67	1162	100.31	60.08
IFNA10	12.82	20.09	0.64	chr9	9p22	23	492	81.87	99.63
Hs.663264	25.75	40.35	0.64	chr18	N/A	7	73	142.93	106.76
Hs.545269	12.02	18.83	0.64	chr8	N/A	10	73	96.09	97.53
KCNMB3	17.56	27.51	0.64	chr3	3q26.3-q27	34	536	92.16	81.71
RBM15B	68.44	107.26	0.64	chr3	3p21.2	38	583	109.71	56.55

EAPP	95.30	149.36	0.64	chr14	14q13.1	34	650	82.86	99.66
C2orf48	8.62	13.51	0.64	chr2	2p25.1	13	36	101.46	101.23
Hs.13742	47.19	73.96	0.64	chr1	N/A	1	304	0.00	37.90
Hs.596976	138.67	217.37	0.64	chr7	N/A	7	73	51.98	52.99
PLCB1	30.27	47.45	0.64	chr20	20p12	76	1711	119.05	136.54
FOXRED2	24.29	38.08	0.64	chr22	22q12.3	36	1093	87.80	78.18
C1orf177	16.39	25.69	0.64	chr1	1p32.3	18	384	59.52	76.20
Hs.664017	11.06	17.34	0.64	chr6	N/A	8	377	83.55	108.61
CXorf24	18.32	28.72	0.64	chrX	Xp11.23	23	101	76.77	71.76
ELOF1	124.64	195.44	0.64	chr19	19p13.2	26	469	195.73	90.02
ZNF574	37.90	59.43	0.64	chr19	19q13.2	21	449	70.19	92.09
Hs.116301	16.35	25.64	0.64	chr17	N/A	4	304	64.55	64.60
PDYN	11.20	17.57	0.64	chr20	20p13	40	596	127.52	101.32
SHBG	19.59	30.72	0.64	chr17	17p13-p12	38	583	121.09	167.96
Hs.664697	14.94	23.42	0.64	chr3	N/A	7	73	83.81	79.18
Hs.671823	13.80	21.65	0.64	chr5	N/A	1	304	0.00	83.49
CHST10	44.09	69.16	0.64	chr2	2q11.2	37	645	125.03	74.32
Hs.659100	15.04	23.59	0.64	chr5	N/A	7	73	85.13	56.69
Hs.602702	10.84	17.00	0.64	chr3	N/A	7	73	120.38	108.28
STUB1	254.34	398.96	0.64	chr16	16p13.3	54	1365	91.98	80.13
CCR1	33.97	53.29	0.64	chr3	3p21	47	1059	97.48	98.30
Hs.129121	6.08	9.53	0.64	chr2	N/A	7	73	29.56	118.48
TEAD4	30.84	48.39	0.64	chr12	12p13.3-p13.2	41	1009	101.61	117.70
Hs.61151	8.42	13.21	0.64	chr10	N/A	3	66	75.72	82.75
Hs.667255	31.86	49.97	0.64	chr5	N/A	2	22	7.69	110.52
FADS1	87.85	137.83	0.64	chr11	11q12.2-q13.1	67	1713	71.57	119.27
Hs.668639	10.72	16.82	0.64	chr1	N/A	2	39	7.49	28.93
MSL3	41.70	65.42	0.64	chrX	Xp22.3	62	1414	116.40	138.06
Hs.663953	23.56	36.97	0.64	chr16	N/A	1	304	0.00	62.45
Hs.667041	18.20	28.55	0.64	chr8	N/A	1	304	0.00	42.76
MTO1	50.80	79.72	0.64	chr6	6q13	38	1561	86.58	45.77
FGD4	35.55	55.79	0.64	chr12	12p11.21	53	1273	129.91	103.95
Hs.603877	5.79	9.08	0.64	chr13	N/A	2	22	66.31	99.38
ACSM3	21.99	34.51	0.64	chr16	16p13.11	50	1122	124.73	158.49
C4A	277.94	436.31	0.64	chr6	6p21.3	30	1020	142.31	156.40
Hs.708355	546.41	857.78	0.64	chr9	N/A	7	73	94.36	94.30
Hs.733175	7.34	11.52	0.64	chr17	N/A	2	610	38.24	95.25
Hs.407358	7.53	11.82	0.64	chr14	N/A	12	681	55.95	73.29
Hs.49124	25.77	40.46	0.64	chr18	N/A	29	270	57.34	66.87
PNPLA6	66.56	104.50	0.64	chr19	19p13.2	30	576	136.05	66.14
Hs.540784	13.53	21.24	0.64	chr17	N/A	4	304	58.17	81.82
Hs.601536	26.94	42.29	0.64	chr7	N/A	7	73	120.05	60.63
CCDC19	33.02	51.86	0.64	chr1	1q22	25	530	170.99	315.14
Hs.665913	6.68	10.50	0.64	chr13	N/A	7	73	30.79	81.98
TMPRSS13	18.31	28.76	0.64	chr11	11q23	44	928	132.21	98.02
Hs.615036	13.37	21.00	0.64	chr8	N/A	2	608	43.04	60.57
Hs.594110	27.45	43.11	0.64	chr11	N/A	7	73	140.80	109.30
Hs.661668	13.35	20.97	0.64	chr8	N/A	1	304	0.00	56.22
Hs.538028	3.81	5.99	0.64	chr1	N/A	4	304	54.97	73.65
Hs.420459	17.52	27.51	0.64	chr8	N/A	26	782	86.44	75.45
Hs.158667	9.56	15.02	0.64	chr5	N/A	10	73	62.05	122.89
Hs.602920	6.65	10.45	0.64	chr8	N/A	7	73	45.71	97.72
VNIR4	10.91	17.14	0.64	chr19	19q13.42	21	443	86.43	111.64
KCTD20	63.67	100.02	0.64	chr6	6p21.31	44	1310	102.46	71.35
Hs.675976	30.76	48.33	0.64	chr7	N/A	1	304	0.00	48.67
Hs.555012	7.70	12.10	0.64	chr1	N/A	7	73	56.06	132.90
IRF6	67.19	105.57	0.64	chr1	1q32.3-q41	38	1210	81.95	124.34
RNF122	58.94	92.61	0.64	chr8	8p12	28	521	71.86	75.06
HECW1	31.10	48.87	0.64	chr7	7p13	50	1172	180.97	109.59
CAPZB	204.95	322.07	0.64	chr1	1p36.1	65	2066	111.58	89.96
Hs.550529	25.43	39.97	0.64	chr17	N/A	11	332	40.17	88.39
BIRC3	64.17	100.86	0.64	chr11	11q22	58	1097	165.46	249.67
Hs.671926	75.52	118.72	0.64	chr8	N/A	1	304	0.00	48.09
PTCHD4	28.45	44.72	0.64	chr6	6p12.3	14	407	116.37	161.99
ITSN2	56.57	88.93	0.64	chr2	2pter-p25.1	104	2181	212.38	123.42
TP73-AS1	35.03	55.08	0.64	chr1	1p36.32	33	1296	81.15	95.84
Hs.667180	6.04	9.50	0.64	chr18	N/A	2	22	0.17	83.35
Hs.435071	8.90	14.00	0.64	chr7	N/A	8	377	39.09	57.36
CHD8	89.28	140.40	0.64	chr14	14q11.2	46	717	153.69	106.29
ONECUT1	11.43	17.98	0.64	chr15	15q21.3	33	564	74.15	89.05
ZW10	60.92	95.81	0.64	chr11	11q23.2	30	577	75.43	58.78
Hs.612059	8.63	13.58	0.64	chr14	N/A	10	28	25.34	57.56
SYT10	6.49	10.21	0.64	chr12	12p11.1	25	153	59.52	69.25
ACSL6	17.25	27.13	0.64	chr5	5q31	90	2276	244.65	133.80
SCAMP2	119.47	187.94	0.64	chr15	15q23-q25	50	1061	280.85	91.21
Hs.602111	26.27	41.33	0.64	chr2	N/A	14	146	79.95	62.38
Hs.437448	6.85	10.77	0.64	chr10	N/A	12	636	47.87	67.67
Hs.734839	11.46	18.04	0.64	chr4	N/A	3	9	68.78	74.93
SNX6	125.72	197.83	0.64	chr14	14q13.1	32	854	103.45	101.73
LOC100996353	4.83	7.60	0.64	chr16	N/A	10	28	49.06	81.82
Hs.677170	50.50	79.48	0.64	chr11	N/A	1	304	0.00	183.95
MDM2	18.69	29.41	0.64	chr12	12q14.3-q15	142	3950	127.88	125.34
LOC494558	14.23	22.39	0.64	chr9	9q21.11	28	433	59.24	182.89
Hs.97312	16.47	25.91	0.64	chr20	N/A	10	73	78.83	71.98
PTK7	27.47	43.23	0.64	chr6	6p21.1-p12.2	42	888	103.79	102.02
LAMA1	19.83	31.21	0.64	chr18	18p11.3	98	1452	205.62	115.27
TMEM231	30.57	48.12	0.64	chr16	16q23.1	42	634	79.17	112.08
Hs.126513	7.48	11.78	0.64	chr12	N/A	10	73	46.51	121.33
GCNT1	21.48	33.81	0.64	chr9	9q13	36	588	116.59	153.56
Hs.713076	26.03	40.98	0.64	chr9	N/A	1	304	0.00	55.49
DCSTAMP	13.24	20.84	0.64	chr8	8q23	21	456	116.69	93.77
SPARC	901.92	1,419.93	0.64	chr5	5q31.3-q32	37	650	94.01	105.39
NELFB	86.18	135.67	0.64	chr9	9q34	39	572	88.30	55.96

Hs.232072	7.84	12.35	0.64	chr1	N/A	2	22	23.92	61.71
SMDT1	209.71	330.18	0.64	chr22	22q13.2	36	1041	138.74	101.23
Hs.744354	42.06	66.22	0.64	chr7	N/A	7	73	147.21	100.16
TRIM50	10.84	17.06	0.64	chr7	7q11.23	31	1077	90.67	112.38
Hs.534798	10.97	17.27	0.64	chr6	N/A	3	66	28.78	104.32
Hs.385793	8.98	14.15	0.64	chr2	N/A	1	304	0.00	58.93
Hs.34068	12.79	20.14	0.64	chr11	N/A	3	66	68.27	65.21
Hs.744461	147.69	232.57	0.64	chr6	N/A	1	304	0.00	39.92
Hs.655948	9.10	14.33	0.64	chr10	N/A	2	22	61.43	52.17
BMP2K	19.42	30.57	0.64	chr4	4q21.21	100	2484	90.00	119.30
GFRA3	31.44	49.52	0.63	chr5	5q31.1-q31.3	46	953	71.79	166.69
Hs.667059	9.64	15.18	0.63	chr4	N/A	7	73	63.59	101.83
Hs.605124	20.33	32.02	0.63	chr9	N/A	7	73	58.29	65.52
HHIP	11.22	17.68	0.63	chr4	4q28-q32	42	821	97.73	164.91
NTM	40.11	63.18	0.63	chr11	11q25	48	1223	186.44	167.18
Hs.417710	14.47	22.79	0.63	chr16	N/A	7	73	102.25	104.95
TAS2R50	8.85	13.94	0.63	chr12	12p13.2	17	332	40.25	62.64
SLC33A1	37.86	59.63	0.63	chr3	3q25.31	43	1372	85.99	89.93
Hs.661896	12.50	19.68	0.63	chr21	N/A	5	420	40.49	68.44
Hs.539610	7.00	11.03	0.63	chr13	N/A	8	377	50.44	857.89
Hs.648736	23.38	36.83	0.63	chr10	N/A	1	304	0.00	37.34
PDS5A	42.47	66.90	0.63	chr4	4p14	79	2033	150.54	105.15
SLC6A5	11.02	17.36	0.63	chr11	11p15.1	30	566	59.71	74.82
Hs.122020	7.12	11.22	0.63	chr9	N/A	8	377	64.90	76.02
TXNRD2	30.17	47.53	0.63	chr22	22q11.21	70	1176	143.27	82.98
Hs.667826	14.02	22.09	0.63	chr20	N/A	1	304	0.00	43.78
Hs.635742	4.71	7.43	0.63	chr14	N/A	1	304	0.00	69.37
RYR3	24.45	38.52	0.63	chr15	15q14-q15	46	593	159.23	116.28
Hs.599249	14.85	23.39	0.63	chr2	N/A	8	377	87.45	76.76
SYT7	18.66	29.40	0.63	chr11	11q12-q13.1	63	1852	126.88	174.92
CTNS	28.72	45.24	0.63	chr17	17p13	60	1554	94.92	68.14
Hs.560526	11.67	18.39	0.63	chr17	N/A	7	73	75.93	68.09
LRTM2	19.19	30.23	0.63	chr12	12p13.33	16	396	100.09	101.00
POC1A	22.70	35.77	0.63	chr3	3p21.2	37	790	90.82	93.99
Hs.673013	3.86	6.09	0.63	chr7	N/A	1	304	0.00	75.35
Hs.581438	16.46	25.93	0.63	chr5	N/A	2	16	0.09	32.32
FLCN	29.47	46.43	0.63	chr17	17p11.2	62	1189	101.88	109.49
Hs.666915	36.72	57.86	0.63	chr8	N/A	14	146	101.97	112.04
Hs.60764	9.87	15.55	0.63	chr3	N/A	10	73	62.96	62.18
PHGR1	18.49	29.14	0.63	chr15	15q15.1	1	304	0.00	65.61
FSTL4	12.61	19.87	0.63	chr5	5q31.1	55	1086	122.74	415.30
Hs.164470	36.19	57.04	0.63	chr16	N/A	14	146	114.54	150.42
MOXD1	43.93	69.23	0.63	chr6	6q23.2	28	921	145.15	111.67
Hs.48945	18.70	29.48	0.63	chr12	N/A	11	377	77.19	102.65
Hs.633723	27.33	43.07	0.63	chr7	N/A	7	73	54.40	44.52
Hs.666910	10.34	16.29	0.63	chr2	N/A	14	146	84.04	114.17
SOX7	58.93	92.89	0.63	chr8	8p22	50	825	152.70	168.46
Hs.656283	23.91	37.69	0.63	chr4	N/A	7	73	62.85	63.36
TMEM251	39.78	62.71	0.63	chr14	14q32.12	24	571	55.72	69.99
DDB2	46.93	73.97	0.63	chr11	11p12-p11	30	573	38.48	59.54
GRK6	35.80	56.44	0.63	chr5	5q35	53	2257	81.44	111.89
HSPD1	233.69	368.42	0.63	chr2	2q33.1	50	1864	124.83	143.36
CCZ1B	142.86	225.23	0.63	chr7	7p22.1	32	868	95.38	90.49
Hs.594160	6.10	9.61	0.63	chr13	N/A	11	334	27.96	69.71
Hs.567095	10.62	16.75	0.63	chr9	N/A	2	22	53.90	72.30
TNFRSF13B	37.31	58.83	0.63	chr17	17p11.2	23	494	139.26	63.77
Hs.657608	29.64	46.73	0.63	chr12	N/A	7	73	36.64	53.59
HEXA	51.27	80.84	0.63	chr15	15q24.1	67	1537	91.40	99.70
C10orf128	32.67	51.53	0.63	chr10	10q11.23	22	721	90.20	91.74
SUSD5	14.23	22.45	0.63	chr3	3p22.3	33	560	113.68	319.76
BTBD9	23.50	37.06	0.63	chr6	6p21	89	1809	150.00	104.05
Hs.129003	14.81	23.37	0.63	chr15	N/A	7	73	59.61	95.35
SCG3	15.36	24.23	0.63	chr15	15q21	41	559	199.94	184.35
SLC26A4	40.33	63.62	0.63	chr7	7q31	37	640	390.25	368.49
C10orf88	29.34	46.28	0.63	chr10	10q26.13	29	837	89.85	71.79
Hs.667443	12.18	19.21	0.63	chr19	N/A	3	66	45.36	60.29
TSPAN19	7.09	11.18	0.63	chr12	12q21.31	13	28	86.44	86.10
AEBP2	40.17	63.38	0.63	chr12	12p12.3	76	1220	106.34	106.70
Hs.561330	54.31	85.68	0.63	chr4	N/A	2	22	21.72	107.94
Hs.131262	7.17	11.31	0.63	chr2	N/A	7	73	88.00	79.84
ZFP37	14.49	22.86	0.63	chr9	9q32	30	565	98.24	64.65
KCNQ5	10.09	15.92	0.63	chr6	6q14	29	689	112.14	170.32
CSN3	7.62	12.02	0.63	chr4	4q21.1	23	492	146.73	155.30
ATG12	52.29	82.50	0.63	chr5	5q21-q22	88	1748	104.37	102.94
Hs.520321	9.61	15.17	0.63	chr6	N/A	7	73	68.94	79.27
Hs.713813	48.26	76.16	0.63	chr15	N/A	7	73	68.86	52.07
LOC100506233	36.23	57.17	0.63	chr11	N/A	26	794	52.02	86.10
FXR2	87.60	138.26	0.63	chr17	17p13.1	42	1069	149.97	110.23
ZFR	66.01	104.19	0.63	chr5	5p13.3	87	2252	123.73	101.83
RBMS1	163.77	258.50	0.63	chr2	2q24.2	104	2604	180.25	87.55
Hs.734179	21.59	34.09	0.63	chr9	N/A	3	66	95.69	122.67
IFIH1	17.38	27.43	0.63	chr2	2q24	41	1352	86.64	123.63
PPP1R8	80.38	126.88	0.63	chr1	1p35.3	46	605	138.14	58.61
ARAP2	22.77	35.94	0.63	chr4	4p14	48	2001	144.71	98.69
MEX3C	29.16	46.04	0.63	chr18	18q21.2	40	1754	101.09	166.37
POLD1	26.28	41.49	0.63	chr19	19q13.3	39	601	65.13	76.57
OR6X1	14.94	23.59	0.63	chr11	11q24.1	11	52	115.41	56.24
KAT2A	86.65	136.80	0.63	chr17	17q21	23	504	45.92	43.06
TRPM3	16.81	26.53	0.63	chr9	9q21.12	129	3270	115.31	125.24
DNAJB7	5.55	8.76	0.63	chr22	22q13.2	21	406	63.79	114.73
LINC00346	9.87	15.58	0.63	chr13	13q34	12	89	55.37	118.01
UGT2B10	67.32	106.30	0.63	chr4	4q13.2	25	122	103.99	216.90
ZC3H8	25.91	40.91	0.63	chr2	2q13	36	485	84.51	54.92

C6orf170	14.17	22.37	0.63	chr6	6q22.31	60	1061	104.75	130.43
SUV39H1	32.61	51.49	0.63	chrX	Xp11.23	21	465	102.76	60.93
Hs.148431	6.91	10.91	0.63	chr16	N/A	6	66	50.40	114.59
CNGA4	12.20	19.27	0.63	chr11	11p15.4	19	384	85.21	76.62
Hs.655692	5.06	8.00	0.63	chr3	N/A	8	377	66.77	86.30
CPD	51.22	80.91	0.63	chr17	17q11.2	77	2388	135.51	159.89
FIGNL1	24.63	38.91	0.63	chr7	7p12.1	40	794	127.56	65.57
Hs.666187	11.63	18.37	0.63	chr1	N/A	3	66	63.88	67.62
UPF2	51.89	81.97	0.63	chr10	10p14-p13	46	645	102.25	61.79
TAPBP	83.27	131.55	0.63	chr6	6p21.3	96	1554	166.08	119.43
Hs.149995	19.27	30.45	0.63	chr10	N/A	17	146	60.53	118.59
Hs.171045	14.35	22.67	0.63	chr2	N/A	1	304	0.00	64.22
COPS7B	29.47	46.55	0.63	chr2	2q37.1	44	1268	138.80	81.23
KRCC1	94.93	149.99	0.63	chr2	2p11.2	23	1068	59.97	44.40
BACE1	68.45	108.15	0.63	chr11	11q23.2-q23.3	67	1793	169.73	108.18
Hs.729630	79.66	125.90	0.63	chr10	N/A	15	85	121.93	113.28
Hs.659136	23.28	36.79	0.63	chr13	N/A	3	320	24.16	60.03
Hs.555240	12.93	20.43	0.63	chr8	N/A	7	73	99.79	143.18
YPEL5	226.92	358.65	0.63	chr2	2p23.1	36	922	77.70	49.14
Hs.130580	11.00	17.38	0.63	chr6	N/A	7	73	115.49	90.20
ASTN1	20.44	32.32	0.63	chr1	1q25.2	53	661	191.17	147.99
Hs.733964	19.76	31.24	0.63	chr1	N/A	2	608	100.89	76.55
CRMP1	50.37	79.63	0.63	chr4	4p16.1	51	656	125.84	128.36
TXLNA	37.82	59.79	0.63	chr1	1p35.1	51	980	196.75	75.36
E4F1	37.12	58.68	0.63	chr16	16p13.3	36	546	140.28	498.88
Hs.127737	27.51	43.50	0.63	chr2	N/A	14	146	63.16	86.51
Hs.558463	12.11	19.15	0.63	chr1	N/A	4	370	36.68	62.41
Hs.730816	88.25	139.53	0.63	chr16	N/A	8	377	113.70	43.68
SIGMAR1	55.27	87.39	0.63	chr9	9p13.3	73	1185	106.15	86.98
Hs.667630	9.02	14.26	0.63	chr15	N/A	4	370	111.60	236.19
SPACA5B	15.45	24.43	0.63	chrX	Xp11.23	35	56	229.25	130.82
HEPACAM2	13.44	21.25	0.63	chr7	7q21.3	43	480	128.04	138.22
FAM228A	17.76	28.08	0.63	chr2	2p23.3	29	415	149.97	154.42
THG1L	24.77	39.16	0.63	chr5	5q33.3	41	558	70.96	58.07
Hs.655039	7.50	11.86	0.63	chr4	N/A	7	73	133.93	117.56
Hs.368804	6.98	11.04	0.63	chr7	N/A	7	73	44.69	78.20
ITGAX	15.48	24.48	0.63	chr16	16p11.2	50	910	148.24	109.95
RPL22L1	151.66	239.86	0.63	chr3	3q26.2	21	417	92.87	71.91
Hs.600479	11.42	18.06	0.63	chr4	N/A	7	73	71.59	76.25
Hs.601008	8.22	13.00	0.63	chr8	N/A	7	73	73.73	83.46
CFLAR-AS1	11.55	18.27	0.63	chr2	2q33	8	377	80.97	48.15
DHX32	105.89	167.49	0.63	chr10	10q26.2	23	482	105.10	49.38
Hs.436509	13.52	21.39	0.63	chr4	N/A	4	304	99.28	38.88
Hs.603756	61.68	97.57	0.63	chrX	N/A	1	304	0.00	101.60
Hs.559000	16.41	25.96	0.63	chr1	N/A	26	782	138.87	49.92
DES12	63.36	100.23	0.63	chr1	1q44	69	2161	160.49	171.52
Hs.255015	19.02	30.09	0.63	chr7	N/A	7	73	53.69	73.30
KLHDC1	21.59	34.16	0.63	chr14	14q21.3	31	676	66.31	100.48
PRR14	74.34	117.62	0.63	chr16	16p11.2	34	1257	105.98	80.72
RGS10	47.73	75.51	0.63	chr10	10q25	50	1495	88.45	194.21
Hs.334980	4.46	7.06	0.63	chr4	N/A	7	73	70.55	72.25
KLRB1	32.94	52.12	0.63	chr12	12p13	36	928	270.33	217.41
C3orf38	34.94	55.29	0.63	chr3	3p11.1	37	800	105.09	131.33
CACNA1F	16.16	25.57	0.63	chrX	Xp11.23	23	493	135.35	124.39
MAATS1	15.05	23.81	0.63	chr3	3q12-q13.3	62	2815	157.07	153.53
Hs.127794	12.91	20.43	0.63	chr1	N/A	8	377	40.39	70.35
PDE5A	29.52	46.73	0.63	chr4	4q27	89	3055	148.86	215.50
MARVELD2	29.02	45.93	0.63	chr5	5q13.2	54	589	121.51	144.78
DUSP12	42.88	67.87	0.63	chr1	1q21-q22	50	702	103.94	60.53
ESD	150.84	238.76	0.63	chr13	13q14.1-q14.2	62	2121	152.47	120.15
ESM1	13.06	20.68	0.63	chr5	5q11.2	50	671	232.84	244.63
Hs.597735	9.19	14.55	0.63	chr12	N/A	21	991	51.46	78.68
NCAPH	21.31	33.73	0.63	chr2	2q11.2	30	567	258.07	146.26
WDR3	42.23	66.86	0.63	chr1	1p12	38	566	65.57	47.91
SH3RF3	19.64	31.09	0.63	chr2	2q13	38	749	112.63	104.24
Hs.594184	71.59	113.35	0.63	chr7	N/A	7	73	85.13	52.62
TIGD4	7.95	12.58	0.63	chr4	4q31.3	18	993	96.25	81.05
SLC30A8	15.76	24.96	0.63	chr8	8q24.11	29	815	165.02	107.25
Hs.732638	21.75	34.44	0.63	chr5	N/A	7	73	131.86	146.77
Hs.136398	48.13	76.22	0.63	chr9	N/A	8	377	71.01	60.80
Hs.599679	7.66	12.13	0.63	chr8	N/A	3	66	45.17	84.33
Hs.128851	7.45	11.80	0.63	chr20	N/A	10	73	41.90	104.77
LOC284344	5.72	9.07	0.63	chr19	19q13.32	10	40	127.70	56.39
MON1A	29.74	47.10	0.63	chr3	3p21.31	26	469	58.59	63.67
SCAF4	28.95	45.85	0.63	chr21	21q22.1	45	1990	119.37	71.42
Hs.127788	7.44	11.79	0.63	chr5	N/A	14	146	64.32	91.08
C11orf68	95.56	151.35	0.63	chr11	11q13.1	28	521	100.17	48.56
SYAP1	75.11	118.96	0.63	chrX	Xp22.2	41	563	74.89	57.40
RCL1	42.92	67.99	0.63	chr9	9p24.1-p23	50	1057	109.42	101.53
FAM87B	13.09	20.73	0.63	chr1	1p36.33	10	73	75.45	82.36
CEBPA	122.22	193.61	0.63	chr19	19q13.1	50	633	117.61	143.66
MT1A	600.61	951.46	0.63	chr16	16q13	21	79	86.58	116.46
EED	42.11	66.70	0.63	chr11	11q14.2-q22.3	46	1043	69.03	104.11
Hs.669884	11.82	18.72	0.63	chr14	N/A	1	304	0.00	63.03
Hs.664592	16.60	26.31	0.63	chr12	N/A	15	450	47.03	86.03
PPIL6	13.11	20.77	0.63	chr6	6q21	37	1094	96.12	94.38
B3GALNT2	29.58	46.86	0.63	chr1	1q42.3	32	1334	115.82	136.96
PAN2	71.93	113.97	0.63	chr12	12q13.2	30	572	195.12	162.24
Hs.127791	10.41	16.49	0.63	chr8	N/A	21	219	72.07	104.73
Hs.632931	22.73	36.02	0.63	chr4	N/A	7	73	61.09	113.72
Hs.664510	13.21	20.94	0.63	chr14	N/A	21	219	137.13	105.35
Hs.658335	31.61	50.09	0.63	chr11	N/A	1	304	0.00	56.62
TMEM194A	26.82	42.51	0.63	chr12	12q13.3	45	1010	146.60	108.79

OTX2-AS1	5.27	8.36	0.63	chr14	N/A	1	305	0.00	76.00
H3F3A	1,135.31	1,799.57	0.63	chr1	1q42.12	103	2397	79.14	70.67
SEMA7A	29.35	46.52	0.63	chr15	15q22.3-q23	33	920	161.14	81.67
FUK	51.14	81.07	0.63	chr16	16q22.1	16	396	74.18	48.14
DCAF4	31.08	49.28	0.63	chr14	14q24.3	51	932	80.00	72.11
Hs.734074	13.75	21.80	0.63	chr8	N/A	10	139	59.10	63.90
GPR97	20.15	31.95	0.63	chr16	16q21	33	809	73.73	129.90
Hs.665334	11.05	17.52	0.63	chr6	N/A	8	377	69.78	49.67
Hs.98626	26.05	41.30	0.63	chr4	N/A	13	354	48.14	42.80
Hs.126866	7.94	12.59	0.63	chr2	N/A	17	146	92.77	208.31
CSRN1	113.77	180.42	0.63	chr3	3p22	28	490	150.30	93.24
Hs.224189	5.14	8.16	0.63	chr11	N/A	4	304	38.65	66.24
PLK1	20.73	32.88	0.63	chr16	16p12.2	42	646	92.86	85.22
Hs.594209	8.40	13.32	0.63	chr5	N/A	7	73	60.46	77.60
COL5A1	58.01	92.01	0.63	chr9	9q34.2-q34.3	48	1402	116.40	125.14
VIT	62.91	99.79	0.63	chr2	2p22.2	29	457	72.00	80.24
C12orf76	40.39	64.07	0.63	chr12	12q24.11	46	971	141.87	167.28
SPNS1	39.81	63.15	0.63	chr16	16p11.2	36	497	151.74	124.76
CARD16	27.11	43.00	0.63	chr11	N/A	27	977	107.45	124.62
LRR16B	20.59	32.67	0.63	chr14	14q11.2	23	459	59.70	72.29
Hs.100261	37.08	58.83	0.63	chr10	N/A	25	521	65.03	124.59
TRIP4	55.74	88.44	0.63	chr15	15q22.31	51	796	67.19	59.02
Hs.653646	12.71	20.16	0.63	chr13	N/A	5	51	41.44	54.32
FADS6	14.00	22.21	0.63	chr17	17q25.1	19	34	72.46	61.00
ADPRH	19.52	30.98	0.63	chr3	3q13.31-q13.3	30	1152	121.23	75.72
HIST1H4B	18.22	28.92	0.63	chr6	6p22.1	30	577	64.70	247.80
AQP6	22.02	34.95	0.63	chr12	12q13	38	989	132.62	115.93
PPAPDC2	39.34	62.44	0.63	chr9	9p24.1	19	393	101.90	58.68
KIF6	12.12	19.24	0.63	chr6	6p21.2	80	2078	148.69	85.48
EQTN	8.67	13.76	0.63	chr9	9p21	25	1065	87.58	215.62
TAF7L	8.75	13.89	0.63	chrX	Xq22.1	29	837	53.89	199.60
Hs.637461	14.01	22.24	0.63	chr13	N/A	1	304	0.00	62.11
Hs.660048	18.09	28.72	0.63	chr17	N/A	3	912	107.08	86.39
Hs.518888	8.66	13.76	0.63	chr4	N/A	10	95	62.98	99.94
Hs.603790	8.20	13.02	0.63	chr10	N/A	2	22	26.01	83.37
LOC100132356	10.03	15.93	0.63	chr5	5p12	11	332	48.12	54.90
LINC00402	13.57	21.55	0.63	chr13	N/A	10	40	31.90	65.63
C18orf21	50.51	80.21	0.63	chr18	18q12.2	33	542	78.42	80.34
Hs.658931	15.60	24.78	0.63	chrX	N/A	9	681	88.84	64.07
NARG2	26.88	42.69	0.63	chr15	15q22.2	67	1530	91.63	120.13
Hs.604120	16.62	26.39	0.63	chr14	N/A	2	22	108.81	48.53
Hs.600685	10.45	16.60	0.63	chr6	N/A	7	73	73.85	69.99
Hs.729481	57.93	92.00	0.63	chrX	N/A	1	304	0.00	62.67
LRBA	57.17	90.80	0.63	chr4	4q31.3	38	992	65.68	66.79
Hs.656484	17.45	27.72	0.63	chr17	N/A	1	304	0.00	41.63
TNRC6C	22.40	35.58	0.63	chr17	17q25.3	69	1949	113.06	84.36
KCNH5	12.10	19.23	0.63	chr14	14q23.1	38	1128	178.11	184.85
REL	32.95	52.34	0.63	chr2	2p13-p12	49	1144	125.64	91.01
TMEM161B	29.75	47.26	0.63	chr5	5q14.3	36	1065	67.84	64.45
ITPR1-AS1	8.84	14.04	0.63	chr3	N/A	8	377	74.50	68.52
FAM138A	8.15	12.94	0.63	chr1	1p36.33	1	304	0.00	52.90
HMG13	45.42	72.16	0.63	chrX	Xq28	40	991	135.53	65.79
FAM155A	16.89	26.83	0.63	chr13	13q33.3	46	943	85.39	145.88
Hs.714503	113.27	179.93	0.63	chr6	N/A	11	332	54.07	68.93
STX19	10.74	17.06	0.63	chr3	3q11	9	360	99.36	97.36
TCF25	127.43	202.45	0.63	chr16	16q24.3	74	1631	114.30	104.19
Hs.594145	5.95	9.45	0.63	chr9	N/A	7	73	51.96	75.15
Hs.367827	9.00	14.29	0.63	chr8	N/A	21	405	104.48	70.35
MSH4	9.01	14.31	0.63	chr1	1p31	30	566	123.14	91.63
CCNYL1	27.22	43.25	0.63	chr2	2q33.3	64	985	73.31	87.77
Hs.658611	17.53	27.85	0.63	chr19	N/A	1	304	0.00	33.60
ZBED3	74.62	118.57	0.63	chr5	5q13.3	19	385	91.85	93.25
PCMTD1	87.57	139.14	0.63	chr8	8q11.23	63	1833	170.67	110.62
TRAF7	39.65	63.01	0.63	chr16	16p13.3	49	1144	124.92	86.27
Hs.604211	6.54	10.39	0.63	chr1	N/A	7	73	52.40	100.21
STX17	47.59	75.63	0.63	chr9	9q31.1	63	2085	103.84	85.04
Hs.148429	4.86	7.73	0.63	chr7	N/A	3	66	26.43	78.51
Hs.602084	10.79	17.15	0.63	chr12	N/A	7	73	54.37	77.44
Hs.564888	12.16	19.33	0.63	chr16	N/A	10	28	73.45	67.23
CELSR3	28.05	44.58	0.63	chr3	3p21.31	35	989	124.21	133.57
FAM41C	7.78	12.36	0.63	chr1	1p36.33	33	84	72.13	65.12
KCNAB1-AS2	9.78	15.55	0.63	chr3	N/A	7	73	44.92	168.36
BCAS2	88.66	140.92	0.63	chr1	1p13.2	33	577	115.46	99.45
AGXT2L1	51.25	81.46	0.63	chr4	4q25	36	593	73.15	232.79
PDS5B	24.81	39.43	0.63	chr13	13q12.3	93	2559	89.03	111.82
PPF1A1	40.00	63.59	0.63	chr11	11q13.3	87	2083	114.29	100.79
SAP30BP	58.48	92.96	0.63	chr17	17q25.1	39	870	93.69	55.64
PIK3R1	128.83	204.79	0.63	chr5	5q13.1	97	1759	254.06	102.40
NOS2	15.20	24.17	0.63	chr17	17q11.2-q12	56	777	82.90	73.61
Hs.632982	14.51	23.06	0.63	chr2	N/A	14	146	92.91	91.79
ABCC10	56.46	89.77	0.63	chr6	6p21.1	39	1070	91.22	48.24
Hs.44609	20.77	33.02	0.63	chr8	N/A	4	370	73.61	84.39
Hs.636574	28.22	44.87	0.63	chr20	N/A	1	304	0.00	38.35
NABP1	14.94	23.76	0.63	chr2	2q32.3	34	801	125.04	118.77
Hs.734441	20.59	32.74	0.63	chr19	N/A	7	73	57.34	49.60
HIST1H4G	11.67	18.55	0.63	chr6	6p22.1	21	453	113.40	72.59
RFK	57.64	91.66	0.63	chr9	9q21.13	48	1020	64.86	54.55
C1orf145	6.06	9.63	0.63	chr1	1q42.13	12	637	102.87	92.02
RDH10	35.37	56.25	0.63	chr8	8q21.11	63	1572	153.19	131.27
RNF181	225.36	358.40	0.63	chr2	2p11.2	24	417	73.89	52.02
Hs.597310	42.46	67.53	0.63	chr6	N/A	3	66	13.94	49.11
FAR1	43.17	68.67	0.63	chr11	11p15.2	59	1458	187.09	122.18
MTERF	17.29	27.50	0.63	chr7	7q21-q22	53	633	88.03	83.17

Hs.677111	14.81	23.55	0.63	chr6	N/A	2	608	52.63	85.00
LINC00467	59.26	94.26	0.63	chr1	1q32.3	15	688	43.66	448.99
Hs.710654	5.24	8.34	0.63	chr2	N/A	3	66	31.94	52.91
Hs.604834	3.33	5.30	0.63	chr4	N/A	1	304	0.00	87.90
Hs.635296	9.09	14.45	0.63	chr1	N/A	8	377	52.79	81.90
Hs.137218	10.24	16.28	0.63	chr6	N/A	7	73	122.19	111.29
LOC100216546	17.15	27.29	0.63	chr7	7q22.1	43	748	97.71	97.65
DISC1	33.72	53.65	0.63	chr1	1q42.1	139	2882	144.59	150.88
Hs.660187	8.51	13.54	0.63	chr18	N/A	7	73	93.73	117.32
ZSCAN16	15.97	25.41	0.63	chr6	6p22.1	31	488	79.97	64.88
PROX2	12.37	19.69	0.63	chr14	14q24.3	13	384	132.14	156.01
Hs.132056	6.57	10.46	0.63	chr20	N/A	14	398	74.58	72.61
PVT1	21.08	33.54	0.63	chr8	8q24	52	1812	114.77	102.25
Hs.147756	6.97	11.10	0.63	chr18	N/A	2	22	25.62	76.45
Hs.668417	6.42	10.22	0.63	chr6	N/A	8	377	50.50	213.64
RCVRN	10.62	16.90	0.63	chr17	17p13.1	23	493	148.28	87.83
TGM6	16.50	26.26	0.63	chr20	20p13	9	356	58.58	70.77
GP6	17.00	27.07	0.63	chr19	19q13.4	24	455	71.60	71.24
Hs.543417	70.34	111.96	0.63	chr4	N/A	7	73	55.44	55.53
LOC100506606	13.49	21.47	0.63	chr12	N/A	1	304	0.00	60.25
Hs.666687	4.86	7.74	0.63	chr7	N/A	2	22	18.06	59.71
Hs.188630	8.31	13.23	0.63	chr15	N/A	10	139	60.82	109.69
Hs.649599	6.66	10.60	0.63	chr9	N/A	15	452	52.52	81.57
Hs.663846	10.24	16.31	0.63	chr3	N/A	7	73	74.19	86.28
LINC00563	17.71	28.20	0.63	chr13	13q14.13	17	532	76.29	58.12
C19orf77	26.22	41.77	0.63	chr19	19p13.3	11	332	253.15	299.20
Hs.627242	25.61	40.79	0.63	chr5	N/A	8	377	52.38	74.00
Hs.659303	10.58	16.85	0.63	chr6	N/A	3	66	97.94	74.83
Hs.733633	8.48	13.52	0.63	chr13	N/A	7	73	34.57	108.20
BOLA2B	163.51	260.48	0.63	chr16	16p11.2	10	28	59.22	20.02
Hs.98163	13.33	21.24	0.63	chr13	N/A	7	73	48.82	156.90
Hs.737525	7.77	12.38	0.63	chr20	N/A	10	28	44.08	50.94
Hs.596208	16.93	26.97	0.63	chr5	N/A	1	304	0.00	58.95
Hs.657930	25.43	40.51	0.63	chr7	N/A	1	304	0.00	36.32
Hs.598525	76.45	121.81	0.63	chr6	N/A	7	73	28.42	45.27
Hs.434946	9.04	14.41	0.63	chr1	N/A	3	326	13.75	52.68
C4orf22	8.07	12.87	0.63	chr4	4q21.21	26	458	172.35	235.85
Hs.649325	5.89	9.39	0.63	chr2	N/A	8	377	44.97	85.66
SRRM5	18.34	29.23	0.63	chr19	19q13.31	2	610	15.63	83.06
TORIA	43.78	69.77	0.63	chr9	9q34	40	1373	85.71	60.34
CYB5D1	47.53	75.76	0.63	chr17	17p13.1	32	795	132.57	54.93
Hs.655047	15.29	24.38	0.63	chr12	N/A	1	304	0.00	45.93
LRRN1	25.81	41.15	0.63	chr3	3p26.2	31	482	148.45	101.89
Hs.732745	18.52	29.53	0.63	chr8	N/A	19	709	43.57	70.49
CAPN12	51.69	82.42	0.63	chr19	19q13.2	46	558	198.71	136.60
PIAS3	41.79	66.64	0.63	chr1	1q21	37	571	48.68	57.01
Hs.602711	12.59	20.07	0.63	chr5	N/A	7	73	52.26	88.08
Hs.540839	12.72	20.29	0.63	chr17	N/A	10	73	55.12	58.15
Hs.633772	11.06	17.64	0.63	chr19	N/A	7	73	90.17	74.16
NOVA1	28.77	45.89	0.63	chr14	14q	58	1090	227.43	128.94
Hs.596728	34.75	55.43	0.63	chr15	N/A	7	73	41.67	62.10
PTPN23	39.92	63.68	0.63	chr3	3p21.3	69	981	148.09	98.68
ZMIZ2	56.03	89.37	0.63	chr7	7p13	99	2189	118.67	157.59
Hs.369226	10.20	16.26	0.63	chr16	N/A	5	22	49.26	65.85
Hs.667573	4.61	7.35	0.63	chr1	N/A	1	304	0.00	73.93
TOR1AIP2	32.35	51.60	0.63	chr1	1q25.2	79	2073	109.77	134.94
CYFIP2	81.63	130.22	0.63	chr5	5q33.3	61	1159	97.51	144.42
PPP1R10	79.16	126.30	0.63	chr6	6p21.3	42	1070	120.76	69.27
LOC619207	16.59	26.46	0.63	chr10	10q26.3	18	512	109.86	67.06
Hs.733497	13.69	21.84	0.63	chr18	N/A	1	304	0.00	48.16
Hs.377419	53.16	84.82	0.63	chrX	N/A	10	73	56.69	110.68
Hs.151170	5.87	9.36	0.63	chr19	N/A	2	22	5.36	59.50
NAT10	87.56	139.73	0.63	chr11	11p13	26	511	91.93	53.04
OR2W1	8.38	13.37	0.63	chr6	6p22.1	21	453	70.31	87.36
DNTTIP2	97.12	154.99	0.63	chr1	1p22.1	118	699	46.87	48.18
LOC100996668	23.22	37.06	0.63	chr10	N/A	7	73	66.38	138.82
Hs.122265	27.37	43.68	0.63	chr17	N/A	7	73	55.57	41.80
STK11IP	34.48	55.03	0.63	chr2	2q35	36	485	103.15	95.21
Hs.733419	9.59	15.31	0.63	chr1	N/A	7	73	49.98	92.14
Hs.409967	5.64	9.00	0.63	chr4	N/A	7	73	66.79	94.57
SPATC1L	30.77	49.12	0.63	chr21	21q22.3	45	636	123.86	88.66
Hs.661005	10.07	16.07	0.63	chr17	N/A	3	912	56.03	92.42
ATM	47.81	76.32	0.63	chr11	11q22-q23	120	2867	160.60	152.10
FSIP2	8.65	13.82	0.63	chr2	2q32.1	30	364	148.05	323.40
STEAP4	107.74	172.01	0.63	chr7	7q21.12	32	899	277.99	191.99
FZD8	31.43	50.17	0.63	chr10	10p11.21	30	1141	80.05	137.56
Hs.666237	17.71	28.28	0.63	chr15	N/A	2	22	22.90	53.68
Hs.128845	8.39	13.40	0.63	chr13	N/A	10	73	61.07	67.22
Hs.607210	32.30	51.58	0.63	chr3	N/A	3	66	22.39	68.41
SMYD3	35.20	56.20	0.63	chr1	1q44	40	573	95.65	69.73
Hs.355739	15.37	24.55	0.63	chr19	N/A	21	1317	105.25	68.20
CPLX3	30.89	49.33	0.63	chr15	15q24.1	26	825	94.22	151.70
Hs.655778	22.74	36.32	0.63	chr3	N/A	8	377	143.86	84.67
SLC45A4	43.41	69.33	0.63	chr8	8q24.3	50	1041	193.14	155.88
Hs.132593	25.46	40.67	0.63	chr4	N/A	14	146	82.73	103.29
Hs.126637	7.82	12.49	0.63	chr17	N/A	7	73	66.51	90.84
Hs.657662	23.50	37.54	0.63	chr5	N/A	8	377	107.69	39.26
LY86	68.20	108.94	0.63	chr6	6p25.1	28	553	72.72	102.07
Hs.147398	10.78	17.22	0.63	chr19	N/A	7	73	71.09	91.71
MS4A4A	29.61	47.30	0.63	chr11	11q12	41	1196	71.90	133.10
Hs.129310	6.83	10.92	0.63	chr6	N/A	5	22	31.74	69.20
CPS1-IT1	9.66	15.44	0.63	chr2	2q34	25	524	116.05	161.01
ZMAT4	18.07	28.87	0.63	chr8	8p11.21	18	452	112.88	109.62

Hs.145250	7.43	11.88	0.63	chr20	N/A	2	22	7.93	84.02
Hs.654971	13.95	22.29	0.63	chr4	N/A	1	304	0.00	99.50
ZNF821	21.10	33.72	0.63	chr16	16q22.2	36	1291	92.12	77.84
IBSP	9.08	14.51	0.63	chr4	4q21.1	31	870	103.47	98.46
Hs.596544	47.92	76.58	0.63	chr2	N/A	7	73	48.09	58.59
Hs.624297	16.41	26.23	0.63	chr7	N/A	10	28	44.57	85.76
ZNF280D	21.62	34.55	0.63	chr15	15q21.3	50	1287	94.73	88.45
Hs.720775	26.21	41.88	0.63	chr3	N/A	7	73	70.63	120.35
Hs.713089	96.40	154.06	0.63	chr22	N/A	13	371	73.40	85.45
Hs.668088	47.20	75.44	0.63	chr3	N/A	5	420	36.15	42.18
Hs.659029	15.64	24.99	0.63	chr11	N/A	1	304	0.00	83.51
DENND1A	24.09	38.50	0.63	chr9	9q33.3	62	1047	98.54	92.57
CCR10	15.21	24.32	0.63	chr17	17q21.1-q21.3	21	460	65.15	59.25
LOC100996381	32.63	52.15	0.63	chr19	N/A	17	474	109.24	68.87
Hs.144830	19.95	31.90	0.63	chr6	N/A	1	304	0.00	53.28
Hs.658656	13.17	21.06	0.63	chr2	N/A	7	73	81.00	63.28
Hs.656501	13.28	21.23	0.63	chr10	N/A	1	304	0.00	63.96
CCDC65	7.60	12.16	0.63	chr12	12q13.12	19	950	131.91	186.33
LIFR-AS1	11.23	17.95	0.63	chr5	N/A	33	877	58.10	103.99
Hs.648446	12.93	20.67	0.63	chr14	N/A	7	73	86.59	86.08
Hs.499453	19.82	31.69	0.63	chr10	N/A	8	377	96.40	82.13
Hs.562615	11.08	17.72	0.63	chr15	N/A	2	22	57.77	60.14
Hs.129290	9.56	15.28	0.63	chr9	N/A	5	22	59.71	59.14
Hs.598900	13.71	21.92	0.63	chr3	N/A	7	73	110.25	104.70
PARD3-AS1	8.15	13.03	0.63	chr10	N/A	15	450	56.48	107.64
ZKSCAN8	10.81	17.29	0.63	chr6	6p21.3	26	492	75.84	78.15
SCLY	24.19	38.68	0.63	chr2	2q37.3	69	1615	101.93	100.36
Hs.677218	15.88	25.39	0.63	chr6	N/A	1	304	0.00	58.27
LOC284294	9.10	14.56	0.63	chr18	18q22.1	1	305	0.00	58.18
AARS2	38.87	62.16	0.63	chr6	6p21.1	35	845	79.10	67.86
Hs.201600	21.00	33.58	0.63	chr4	N/A	4	304	58.26	69.00
LOC100507435	8.26	13.21	0.63	chr8	N/A	11	377	63.49	71.42
LOC100130433	25.48	40.75	0.63	chr9	9q21.33	10	28	25.35	68.83
Hs.517928	14.74	23.57	0.63	chr3	N/A	2	22	77.38	73.80
Hs.745244	8.00	12.79	0.63	chr2	N/A	7	73	75.44	100.44
Hs.223583	8.65	13.84	0.63	chr15	N/A	13	28	61.12	50.86
RPL28	781.61	1,250.44	0.63	chr19	19q13.4	45	1025	140.58	108.19
Hs.518150	6.08	9.72	0.63	chr3	N/A	5	22	73.02	96.41
Hs.624271	3.23	5.17	0.62	chr15	N/A	1	304	0.00	110.70
C9orf50	14.09	22.54	0.62	chr9	9q34.11	24	405	116.20	70.82
Hs.719936	17.69	28.31	0.62	chrX	N/A	8	377	51.69	48.69
ADAM22	15.29	24.47	0.62	chr7	7q21	118	3671	240.25	152.50
ADAMTS13	23.95	38.34	0.62	chr9	9q34	67	1023	110.92	69.28
Hs.656289	13.06	20.90	0.62	chr10	N/A	8	377	90.39	47.01
Hs.160711	10.37	16.60	0.62	chr14	N/A	4	304	51.58	135.94
LOC100287387	7.34	11.75	0.62	chr2	2q37.3	17	488	65.94	75.34
Hs.622155	13.99	22.39	0.62	chr12	N/A	10	28	30.74	55.99
Hs.736182	18.20	29.14	0.62	chr1	N/A	1	304	0.00	44.37
NSUN4	37.47	59.99	0.62	chr1	1p34	55	1595	94.89	185.39
AP5Z1	30.01	48.06	0.62	chr7	7p22.2	32	966	71.63	60.36
CCDC24	31.08	49.77	0.62	chr1	1p34.1	36	496	251.26	131.16
C16orf58	39.92	63.93	0.62	chr16	16p11.2	47	1285	187.74	71.17
UTS2	9.03	14.46	0.62	chr1	1p36	55	976	91.36	192.38
Hs.657645	16.02	25.65	0.62	chr21	N/A	2	22	23.60	72.78
WDTC1	78.95	126.43	0.62	chr1	1p36.11	51	1477	119.18	89.40
Hs.473374	11.95	19.13	0.62	chr21	N/A	8	377	48.37	106.95
Hs.25088	9.10	14.58	0.62	chr6	N/A	7	73	75.02	66.37
BSN	20.68	33.12	0.62	chr3	3p21.31	33	598	123.23	165.77
Hs.137567	7.80	12.50	0.62	chr13	N/A	22	521	141.59	135.73
EIF5A	100.01	160.18	0.62	chr17	17p13-p12	59	1552	61.33	105.55
RSPH9	22.19	35.55	0.62	chr6	6p21.1	34	469	123.20	150.93
STK24	154.84	248.02	0.62	chr13	13q31.2-q32.3	84	1692	205.36	115.24
HPS1	27.35	43.80	0.62	chr10	10q23.1-q23.3	81	2304	85.36	71.90
ITGA3	48.27	77.32	0.62	chr17	17q21.33	44	734	141.91	103.43
ACLY	107.00	171.41	0.62	chr17	17q21.2	47	1490	134.32	100.71
FAM71F1	25.57	40.96	0.62	chr7	7q32.1	26	458	261.97	180.72
C12orf65	41.70	66.81	0.62	chr12	12q24.31	57	1258	158.12	121.81
Hs.677053	21.76	34.86	0.62	chr20	N/A	1	304	0.00	51.64
MAGI1	32.30	51.76	0.62	chr3	3p14.1	101	4854	107.33	114.63
Hs.732665	9.29	14.89	0.62	chr15	N/A	7	73	47.74	74.94
ASF1A	33.56	53.78	0.62	chr6	6q22.31	74	1627	100.95	66.73
Hs.131207	5.87	9.41	0.62	chr12	N/A	7	73	36.95	83.97
Hs.658394	11.06	17.72	0.62	chr5	N/A	2	608	36.14	75.75
Hs.434326	7.01	11.23	0.62	chr2	N/A	18	405	99.72	91.43
Hs.663292	14.71	23.57	0.62	chr3	N/A	8	377	79.90	58.19
WDR85	43.69	70.02	0.62	chr9	9q34.3	41	518	65.56	53.16
EPHA10	17.62	28.24	0.62	chr1	1p34.3	43	792	95.23	70.67
Hs.148310	9.24	14.81	0.62	chr2	N/A	3	66	97.75	101.13
Hs.664759	6.65	10.65	0.62	chr2	N/A	8	377	41.29	62.74
C15orf61	125.49	201.16	0.62	chr15	15q23	10	393	154.03	92.74
Hs.667551	44.10	70.70	0.62	chr11	N/A	1	304	0.00	31.45
ITGB2	70.44	112.93	0.62	chr21	21q22.3	78	1444	152.72	174.58
CDK3	31.37	50.30	0.62	chr17	17q25.1	36	1276	107.43	94.16
PAX8	54.23	86.95	0.62	chr2	2q13	85	3225	216.23	345.98
LOC100130357	10.90	17.47	0.62	chr6	6p24.1	11	332	36.75	45.60
AP1AR	14.89	23.88	0.62	chr4	4q25	36	1092	76.98	100.42
HS3ST4	41.01	65.76	0.62	chr16	16p11.2	39	486	250.91	148.57
ASTE1	44.05	70.65	0.62	chr3	3q22.1	28	533	146.09	251.69
RAB36	42.73	68.53	0.62	chr22	22q11.22	34	650	106.58	132.04
SYPL1	179.04	287.16	0.62	chr7	7q22.3	51	1025	129.19	70.29
AMBRA1	20.55	32.97	0.62	chr11	11p11.2	43	1997	79.57	115.54
RPL10A	1,131.91	1,815.55	0.62	chr6	6p21.31	45	1237	86.42	110.27
RPP25	35.43	56.82	0.62	chr15	15q24.2	22	764	93.13	61.25

TCEAL4	292.84	469.72	0.62	chrX	Xq22.2	36	572	78.81	139.43
HSCB	38.50	61.76	0.62	chr22	22q12.1	29	469	70.52	58.45
Hs.432535	13.56	21.75	0.62	chr19	N/A	15	450	78.18	69.61
Hs.651419	11.44	18.36	0.62	chr9	N/A	6	66	59.34	73.92
Hs.669429	26.92	43.19	0.62	chr12	N/A	1	304	0.00	48.03
Hs.661029	7.00	11.23	0.62	chr2	N/A	9	89	132.85	72.94
FAM169A	22.11	35.48	0.62	chr5	5q13.3	53	670	176.99	112.79
VN1R1	13.33	21.38	0.62	chr19	19q13.4	21	454	63.31	57.28
Hs.665822	9.88	15.85	0.62	chr19	N/A	14	146	78.99	92.09
OTUD6A	17.51	28.10	0.62	chrX	Xq13.1	18	80	59.29	98.62
Hs.552770	12.75	20.46	0.62	chr5	N/A	4	304	65.99	41.45
TRIM3	16.51	26.50	0.62	chr11	11p15.5	51	1840	149.61	95.06
GCLM	41.97	67.35	0.62	chr1	1p22.1	52	1026	93.43	98.57
MAPKBP1	46.86	75.20	0.62	chr15	15q15.1	51	932	173.55	86.86
MYO1A	26.30	42.21	0.62	chr12	12q13-q14	28	539	83.76	139.13
TMSB15B	17.30	27.76	0.62	chrX	Xq22.2	54	849	87.92	90.94
Hs.389724	52.22	83.81	0.62	chr1	N/A	7	73	80.45	129.46
ALKBH3	30.08	48.28	0.62	chr11	11p11.2	26	469	116.13	58.97
PKI55	22.79	36.58	0.62	chr2	2q35	24	567	86.25	73.22
Hs.597778	7.83	12.57	0.62	chr18	N/A	1	304	0.00	50.87
LAPTM4A	779.05	1,250.54	0.62	chr2	2p24.1	30	577	72.30	62.69
Hs.724034	11.71	18.79	0.62	chr7	N/A	8	377	90.78	65.64
SNAI3	11.58	18.58	0.62	chr16	16q24.3	16	384	37.07	111.44
ZNF782	25.77	41.36	0.62	chr9	9q22.33	30	575	141.69	203.84
CORT	27.31	43.84	0.62	chr1	1p36.22	50	1069	59.70	103.27
CCDC138	12.72	20.43	0.62	chr2	2q12.3	31	480	124.73	163.42
C1orf173	18.06	29.00	0.62	chr1	1p31.1	46	912	169.73	156.52
GPT2	49.08	78.80	0.62	chr16	16q12.1	34	456	134.49	107.61
SLC13A2	16.78	26.95	0.62	chr17	17p13.2	23	798	104.94	161.14
ZKSCAN2	26.35	42.32	0.62	chr16	16p12.1	33	485	121.87	58.52
OR8S1	115.19	185.00	0.62	chr12	12q13.11	5	52	138.11	55.61
Hs.639694	6.21	9.97	0.62	chrX	N/A	10	28	24.32	58.24
HCG4B	13.18	21.17	0.62	chr6	6p21.3	52	1036	84.51	67.11
Hs.675317	22.63	36.35	0.62	chr1	N/A	1	304	0.00	63.85
Hs.667625	11.11	17.84	0.62	chr13	N/A	3	66	26.55	74.60
Hs.660915	14.60	23.45	0.62	chr15	N/A	7	73	48.87	96.00
MEIG1	11.81	18.97	0.62	chr10	10p13	9	320	135.65	93.85
FAM206A	45.64	73.31	0.62	chr9	9q31.3	40	658	71.22	67.47
Hs.662251	9.55	15.33	0.62	chr4	N/A	8	377	48.48	67.21
Hs.132553	11.92	19.16	0.62	chr1	N/A	7	73	81.59	84.92
Hs.604152	7.96	12.79	0.62	chr4	N/A	2	22	31.26	61.58
FGF1	48.94	78.62	0.62	chr5	5q31	79	1451	255.37	248.33
RPGRIP1L	11.49	18.47	0.62	chr16	16q12.2	44	965	108.50	288.36
EIF2D	124.72	200.38	0.62	chr1	1q32.1	28	538	82.13	77.96
BAZ2B	48.85	78.48	0.62	chr2	2q24.2	55	1098	166.45	119.21
Hs.741677	6.47	10.40	0.62	chr12	N/A	7	73	37.10	67.68
Hs.599849	10.55	16.95	0.62	chr12	N/A	7	73	96.20	77.85
GLRA1	8.69	13.96	0.62	chr5	5q32	22	492	58.08	64.54
FAM217B	48.09	77.28	0.62	chr20	20q13.33	47	613	102.83	81.60
ZC3H7A	53.87	86.58	0.62	chr16	16p13-p12	63	1070	91.88	55.50
TEPP	12.04	19.35	0.62	chr16	16q21	24	406	64.56	82.01
LINC00521	11.31	18.17	0.62	chr14	14q32.12	29	968	147.98	77.26
Hs.535917	9.25	14.87	0.62	chr8	N/A	8	377	58.82	64.39
COL25A1	8.42	13.53	0.62	chr4	4q25	45	996	155.57	92.74
LOC100505658	4.14	6.66	0.62	chr5	N/A	1	304	0.00	59.53
Hs.130555	8.62	13.86	0.62	chr20	N/A	10	73	54.21	88.26
KRT74	22.52	36.20	0.62	chr12	12q13.13	25	710	198.45	89.00
SOX15	56.82	91.35	0.62	chr17	17p12.3	33	963	148.40	109.15
PDXK	61.21	98.43	0.62	chr21	21q22.3	128	2807	136.93	176.44
Hs.460228	8.93	14.36	0.62	chr16	N/A	1	304	0.00	298.33
Hs.656206	16.04	25.79	0.62	chr14	N/A	7	73	57.83	62.44
MED19	90.10	144.88	0.62	chr11	11q12.1	34	846	115.30	55.26
Hs.666426	4.93	7.93	0.62	chr13	N/A	2	22	7.36	62.92
PRSS53	31.25	50.25	0.62	chr16	16p11.2	22	503	152.65	63.90
Hs.666397	10.10	16.25	0.62	chr4	N/A	3	326	56.25	53.06
CCDC149	31.06	49.95	0.62	chr4	4p15.2	51	1503	91.08	94.95
STK11	46.02	74.02	0.62	chr19	19p13.3	47	1633	84.54	74.97
Hs.148132	10.52	16.92	0.62	chr18	N/A	7	73	42.61	90.06
LENG1	22.56	36.29	0.62	chr19	19q13.4	19	396	67.42	47.58
SYNE4	29.91	48.11	0.62	chr19	19q13.12	17	344	58.76	80.36
Hs.666391	8.26	13.28	0.62	chr2	N/A	7	73	61.24	84.23
Hs.657966	14.84	23.87	0.62	chr10	N/A	7	73	101.14	258.78
Hs.133913	11.96	19.24	0.62	chr4	N/A	2	22	28.51	52.91
DSTYK	26.88	43.23	0.62	chr1	1q32.1	78	1918	87.94	75.92
C12orf4	33.68	54.19	0.62	chr12	12p13.3	46	955	80.55	60.88
THTPA	54.63	87.89	0.62	chr14	14q11.2	28	533	80.28	52.76
NCK2	126.03	202.76	0.62	chr2	2q12	37	655	178.81	76.51
AHSA2	58.67	94.38	0.62	chr2	2p15	21	1004	60.51	84.79
FLRT2	70.03	112.68	0.62	chr14	14q24-q32	45	1024	404.10	153.60
Hs.720523	14.01	22.55	0.62	chrX	N/A	8	377	95.60	79.40
CXorf22	9.78	15.73	0.62	chrX	Xp21.1	19	384	67.71	80.24
FAM84A	33.97	54.66	0.62	chr2	2p24.3	98	2504	175.50	228.98
PLEKHF2	41.68	67.06	0.62	chr8	8q22.1	39	920	52.82	94.87
Hs.604173	9.40	15.13	0.62	chr18	N/A	2	22	20.46	155.53
Hs.744165	35.27	56.76	0.62	chr14	N/A	10	73	107.59	70.40
OMA1	53.90	86.75	0.62	chr1	1p32.2-p32.1	54	947	102.67	63.51
LOC100505795	10.63	17.10	0.62	chr1	N/A	7	73	48.10	90.24
Hs.656420	19.74	31.76	0.62	chr1	N/A	1	304	0.00	38.19
DIAPH3	11.14	17.93	0.62	chr13	13q21.2	62	1140	105.47	128.89
LOC100287728	13.07	21.03	0.62	chrX	Xq26.3	20	89	156.97	310.77
GAREML	23.95	38.54	0.62	chr2	2p23.3	17	696	68.10	104.95
HNRNPH3	121.86	196.13	0.62	chr10	10q22	65	1933	104.61	58.45
PAGE3	25.74	41.44	0.62	chrX	Xp11.21	5	52	72.84	69.05

Hs.128254	8.62	13.87	0.62	chr14	N/A	2	22	53.38	104.85
NFYA	21.37	34.41	0.62	chr6	6p21.3	89	2694	143.79	84.98
Hs.32769	8.17	13.15	0.62	chr15	N/A	20	487	67.09	74.00
ZNF503	43.93	70.73	0.62	chr10	10q22.2	33	1485	90.40	177.83
ZNF678	17.42	28.04	0.62	chr1	1q42.13	77	1786	103.04	101.16
ZNF765	25.36	40.83	0.62	chr19	19q13.42	19	1010	94.05	79.25
FAM161A	15.86	25.54	0.62	chr2	2p15	47	1632	124.75	108.41
TEX264	43.40	69.89	0.62	chr3	3p21.31	22	757	82.99	60.87
STOML3	14.48	23.31	0.62	chr13	13q13.3	19	385	163.81	120.35
SIK2	36.87	59.37	0.62	chr11	11q23.1	62	1880	97.10	102.06
SEPSECS	19.21	30.94	0.62	chr4	4p15.2	53	1793	94.65	103.93
Hs.603599	5.38	8.67	0.62	chr6	N/A	7	73	53.47	83.84
ZNF182	35.00	56.37	0.62	chrX	Xp11.23	37	845	82.56	70.38
Hs.661502	30.41	48.97	0.62	chr10	N/A	1	304	0.00	42.62
Hs.733861	22.53	36.29	0.62	chr1	N/A	14	146	133.22	95.99
Hs.202577	133.19	214.51	0.62	chr3	N/A	16	699	222.54	97.68
DENND4A	28.29	45.57	0.62	chr15	15q22.31	82	1126	231.63	157.80
CLDND2	23.10	37.21	0.62	chr19	19q13.41	26	462	141.31	78.23
Hs.592185	4.67	7.52	0.62	chr7	N/A	10	28	68.97	96.93
Hs.443932	8.57	13.80	0.62	chr12	N/A	7	73	67.19	127.45
Hs.598660	26.14	42.11	0.62	chr6	N/A	7	73	68.37	89.70
Hs.655598	11.91	19.19	0.62	chr13	N/A	7	73	57.75	67.25
Hs.54838	9.49	15.29	0.62	chr18	N/A	7	73	68.28	93.52
SLTM	132.50	213.48	0.62	chr15	15q22.1	53	686	102.95	84.32
Hs.571602	22.02	35.49	0.62	chr9	N/A	6	326	58.00	80.63
TCF23	18.58	29.94	0.62	chr2	2p23.3	13	28	55.45	69.61
Hs.545146	10.85	17.48	0.62	chr7	N/A	7	73	55.15	84.28
Hs.656441	34.71	55.93	0.62	chr7	N/A	1	304	0.00	55.99
NDST4	9.79	15.78	0.62	chr4	4q26	22	758	64.53	98.41
GLRA2	16.36	26.36	0.62	chrX	Xp22.2	30	576	110.48	114.37
STAB2	18.54	29.88	0.62	chr12	12q23.3	51	1405	106.78	175.00
DSPP	15.10	24.33	0.62	chr4	4q21.3	21	453	185.65	440.98
BTLA	12.65	20.39	0.62	chr3	3q13.2	34	478	100.84	120.23
XYLT1	34.49	55.59	0.62	chr16	16p12.3	53	1029	126.91	112.47
Hs.720471	29.29	47.20	0.62	chr2	N/A	1	304	0.00	123.70
Hs.668370	3.13	5.05	0.62	chrX	N/A	1	304	0.00	86.79
Hs.600101	76.80	123.77	0.62	chr8	N/A	8	377	102.52	63.06
LOC731779	4.59	7.40	0.62	chr8	8q24.3	1	304	0.00	56.84
LOC100506737	12.85	20.71	0.62	chr22	N/A	13	28	71.61	78.23
TGDS	36.27	58.46	0.62	chr13	13q32.1	47	1066	94.42	93.50
ASXL1	54.31	87.54	0.62	chr20	20q11	74	2571	86.61	61.79
ST6GALNAC3	32.23	51.94	0.62	chr1	1p31.1	29	463	133.93	108.49
Hs.132551	9.61	15.49	0.62	chr7	N/A	10	139	98.98	76.24
GSS	74.47	120.05	0.62	chr20	20q11.2	37	1036	61.42	52.25
Hs.697386	48.90	78.84	0.62	chr4	N/A	7	73	120.10	51.70
SAAL1	42.05	67.79	0.62	chr11	11p15.1	33	542	82.03	46.92
Hs.660152	10.50	16.92	0.62	chr19	N/A	1	304	0.00	70.35
Hs.734160	10.23	16.50	0.62	chr1	N/A	3	66	52.50	55.49
Hs.658281	9.61	15.49	0.62	chr17	N/A	3	66	18.19	79.94
Hs.569621	9.61	15.50	0.62	chr16	N/A	1	304	0.00	50.35
Hs.736258	8.77	14.15	0.62	chr15	N/A	4	304	117.37	52.16
Hs.209587	31.45	50.72	0.62	chr11	N/A	14	146	58.08	59.27
Hs.637773	7.80	12.58	0.62	chr11	N/A	7	73	48.24	75.75
Hs.610506	6.72	10.84	0.62	chr1	N/A	1	304	0.00	63.27
CAMLG	174.90	282.04	0.62	chr5	5q23	47	678	149.99	75.84
PRPF40A	93.10	150.13	0.62	chr2	2q23.3	96	2913	141.33	98.96
SPRR2B	96.51	155.64	0.62	chr1	1q21-q22	11	12	55.08	14.61
Hs.601150	7.60	12.26	0.62	chr9	N/A	7	73	80.14	84.07
Hs.515176	15.94	25.71	0.62	chr17	N/A	7	73	85.40	50.18
ELAVL3	40.46	65.26	0.62	chr19	19p13.2	50	1266	282.44	245.66
Hs.666407	12.90	20.81	0.62	chr7	N/A	7	73	73.63	66.31
LOC729652	3.06	4.93	0.62	chr16	16p13.3	2	16	24.52	50.90
Hs.597671	56.80	91.64	0.62	chr5	N/A	7	73	45.14	50.31
GSR	70.17	113.24	0.62	chr8	8p21.1	63	1103	145.21	125.32
Hs.674397	17.76	28.65	0.62	chr7	N/A	10	28	38.13	23.07
FAM74A4	19.08	30.79	0.62	chr9	9q12	19	24	79.02	80.10
Hs.659966	2.76	4.45	0.62	chr9	N/A	1	304	0.00	91.07
Hs.602607	77.88	125.68	0.62	chr14	N/A	7	73	44.57	86.40
CA1	59.24	95.60	0.62	chr8	8q21.2	49	1143	254.26	554.39
Hs.599489	13.44	21.69	0.62	chr11	N/A	1	304	0.00	57.45
LOC388780	19.21	31.00	0.62	chr20	20p13	4	304	52.60	87.05
Hs.519466	9.21	14.86	0.62	chr5	N/A	10	73	55.13	269.26
ITPR3	47.94	77.37	0.62	chr6	6p21	43	1755	140.99	116.29
Hs.537174	9.14	14.76	0.62	chr12	N/A	7	73	36.89	94.09
MED17	30.24	48.82	0.62	chr11	11q14	78	1494	185.52	99.15
Hs.667249	3.37	5.43	0.62	chr3	N/A	2	22	71.07	66.52
BMP3	10.84	17.50	0.62	chr4	4q21	26	492	81.41	70.66
Hs.662261	8.76	14.15	0.62	chr4	N/A	7	73	47.65	63.42
Hs.382317	7.16	11.56	0.62	chr9	N/A	4	304	33.42	55.20
Hs.666997	19.08	30.80	0.62	chr2	N/A	3	326	52.65	88.05
C1orf220	8.07	13.03	0.62	chr1	1q25.2	7	304	43.89	84.61
CALR	143.90	232.35	0.62	chr19	19p13.3-p13.2	52	1484	125.34	94.09
Hs.660923	178.81	288.71	0.62	chr15	N/A	7	73	50.19	80.44
CLEC2B	55.23	89.18	0.62	chr12	12p13-p12	46	960	135.23	136.98
ZNF677	13.92	22.48	0.62	chr19	19q13.42	16	985	75.83	106.41
Hs.560761	3.89	6.29	0.62	chr2	N/A	10	28	17.84	59.41
PAWR	18.36	29.65	0.62	chr12	12q21	58	1839	89.01	93.28
LOC100506837	5.80	9.37	0.62	chr18	N/A	10	73	54.92	105.75
Hs.734345	5.99	9.67	0.62	chr2	N/A	7	73	33.80	62.31
SYVN1	74.63	120.52	0.62	chr11	11q13	42	841	92.96	123.76
WASL	55.71	89.98	0.62	chr7	7q31.3	56	1856	157.61	122.14
C6orf120	53.81	86.91	0.62	chr6	6q27	42	1053	107.74	144.54
Hs.554917	7.68	12.41	0.62	chr20	N/A	3	326	45.13	63.88

Hs.552679	37.54	60.64	0.62	chr11	N/A	1	304	0.00	43.72
Hs.602978	9.40	15.19	0.62	chr20	N/A	10	139	56.29	88.94
Hs.657113	8.41	13.59	0.62	chr2	N/A	7	73	92.68	69.88
MTERFD3	49.54	80.04	0.62	chr12	12q24.1	25	395	53.75	42.81
CSNK2A1	48.91	79.01	0.62	chr20	20p13	74	1932	87.36	74.25
Hs.659770	8.02	12.96	0.62	chr1	N/A	14	146	46.18	86.13
DNAH17	13.91	22.47	0.62	chr17	17q25.3	51	1000	173.67	129.03
LOC728819	9.97	16.11	0.62	chr2	2p21	1	304	0.00	74.80
ALDH1B1	29.26	47.28	0.62	chr9	9p11.1	67	1219	63.80	128.20
MT1HL1	597.06	964.73	0.62	chr1	1q43	8	432	101.80	115.13
NEK10	18.23	29.46	0.62	chr3	3p24.1	25	31	93.63	158.63
Hs.569025	9.55	15.43	0.62	chr11	N/A	1	304	0.00	53.32
IQCE	25.41	41.06	0.62	chr7	7p22.3	48	1022	84.29	101.77
LY86-AS1	9.05	14.63	0.62	chr6	6p25.1	36	1045	106.68	87.01
CCDC144NL	17.45	28.21	0.62	chr17	17p11.2	13	28	29.65	46.00
CALML6	14.08	22.77	0.62	chr1	1p36.33	17	332	184.84	137.39
FAM224B	12.09	19.55	0.62	chrY	Yq11.221	5	608	64.33	60.27
FAM86A	34.99	56.57	0.62	chr16	16p13.3	42	689	99.94	120.28
IKBIP	15.02	24.28	0.62	chr12	12q23.1	42	1053	137.46	94.59
Hs.658456	9.01	14.57	0.62	chr2	N/A	1	304	0.00	92.85
ESPNL	25.35	40.99	0.62	chr2	2q37.3	24	762	67.14	88.87
HLA-DRA	421.04	680.77	0.62	chr6	6p21.3	37	1013	88.62	98.94
SLC23A1	30.38	49.13	0.62	chr5	5q31.2	29	460	177.70	163.79
SHKBP1	37.90	61.29	0.62	chr19	19q13.2	26	469	84.51	88.97
Hs.666600	13.96	22.57	0.62	chr18	N/A	7	73	113.24	94.98
KRT86	27.66	44.73	0.62	chr12	12q13	33	563	82.05	122.68
MAFA	34.38	55.61	0.62	chr8	8q24.3	18	80	53.77	107.48
C1orf54	80.13	129.62	0.62	chr1	1q21.2	35	606	71.30	65.56
Hs.597313	19.97	32.31	0.62	chr11	N/A	7	73	45.64	95.01
Hs.735790	14.91	24.11	0.62	chr13	N/A	1	304	0.00	55.96
PSTK	26.62	43.06	0.62	chr10	10q26.13	25	481	77.01	176.81
C5orf64	10.42	16.85	0.62	chr5	5q12.1	17	333	70.97	60.07
Hs.634295	17.92	28.98	0.62	chr7	N/A	7	73	92.47	57.85
MGAT5B	18.34	29.66	0.62	chr17	17q25.2	40	800	117.40	113.92
ERC6L	10.52	17.02	0.62	chrX	Xq13.1	29	566	144.31	120.16
Hs.130089	5.10	8.26	0.62	chr10	N/A	7	73	57.10	120.40
Hs.564534	13.19	21.34	0.62	chr13	N/A	10	73	92.85	89.46
Hs.735309	17.91	28.97	0.62	chr6	N/A	1	304	0.00	45.52
Hs.662217	7.36	11.91	0.62	chr16	N/A	3	326	62.34	76.66
Hs.126566	6.70	10.84	0.62	chr13	N/A	24	219	59.44	91.89
Hs.600635	7.72	12.49	0.62	chr11	N/A	7	73	102.50	85.59
TMEM170A	41.63	67.37	0.62	chr16	16q23.1	64	1345	71.05	84.99
Hs.550717	5.24	8.48	0.62	chr3	N/A	2	22	29.30	73.04
MAX	79.82	129.18	0.62	chr14	14q23	88	2425	127.87	125.74
Hs.62031	7.57	12.25	0.62	chr11	N/A	7	73	51.98	79.42
Hs.662438	10.58	17.12	0.62	chr2	N/A	2	608	18.99	87.36
Hs.634602	13.58	21.97	0.62	chr1	N/A	8	377	77.87	108.90
IRAK1BP1	15.85	25.65	0.62	chr6	6q14-q15	30	769	93.52	93.43
Hs.677056	4.87	7.88	0.62	chr1	N/A	1	304	0.00	65.93
OARD1	43.22	69.96	0.62	chr6	6p21.1	50	1073	92.05	68.68
NKX1-2	108.79	176.11	0.62	chr10	10q26.13	13	28	77.27	76.19
NRG1	15.77	25.53	0.62	chr8	8p12	107	2865	89.79	131.41
GPR78	31.45	50.91	0.62	chr4	4p16.1	19	390	66.55	106.60
IL27RA	28.73	46.50	0.62	chr19	19p13.11	47	1064	85.69	96.48
CASP1	24.19	39.17	0.62	chr2	2q33-q34	81	2072	118.20	95.54
Hs.572245	5.52	8.93	0.62	chr13	N/A	1	304	0.00	77.16
Hs.662106	5.22	8.45	0.62	chr2	N/A	7	73	28.15	76.16
Hs.621250	24.86	40.25	0.62	chr4	N/A	1	304	0.00	49.55
NMT2	26.98	43.68	0.62	chr10	10p13	48	1792	114.41	72.55
WNT7A	13.16	21.31	0.62	chr3	3p25	32	632	96.26	77.13
Hs.603265	9.45	15.30	0.62	chr14	N/A	3	66	71.63	61.12
Hs.656053	73.85	119.59	0.62	chr12	N/A	1	304	0.00	49.33
TBC1D8	81.17	131.45	0.62	chr2	2q11.2	48	644	93.46	77.33
SFT2D3	36.75	59.51	0.62	chr2	2q14.3	41	902	139.47	123.94
MT1B	292.04	472.96	0.62	chr16	16q13	25	152	98.85	129.86
RPL23	1,089.67	1,764.75	0.62	chr17	17q	54	723	117.67	78.37
MARCH11	18.96	30.71	0.62	chr5	5p15.1	10	393	56.85	251.08
Hs.604209	10.14	16.42	0.62	chr13	N/A	7	73	83.78	87.36
LOC100506795	7.14	11.57	0.62	chr1	1q42-q43	28	433	49.56	102.62
LOC100505774	22.93	37.14	0.62	chr2	N/A	1	304	0.00	54.34
FAM178A	47.33	76.66	0.62	chr10	10q24.31	91	2027	194.51	136.22
Hs.604414	6.82	11.05	0.62	chr16	N/A	7	73	82.03	97.05
TMEM179	13.10	21.21	0.62	chr14	14q32.33	19	384	99.25	77.05
DEGS1	110.38	178.80	0.62	chr1	1q42.11	55	1098	118.62	137.92
Hs.662833	12.78	20.70	0.62	chr19	N/A	7	73	66.56	65.86
Hs.731837	193.13	312.89	0.62	chr20	N/A	1	304	0.00	51.13
Hs.639240	16.60	26.90	0.62	chr3	N/A	4	304	75.30	45.47
SLC7A2	66.37	107.54	0.62	chr8	8p22	59	1411	132.18	313.84
PPEF1	21.10	34.19	0.62	chrX	Xp22	47	714	167.44	191.36
Hs.594327	70.63	114.45	0.62	chr12	N/A	7	73	50.07	83.05
EEFSEC	43.09	69.82	0.62	chr3	3q21.3	33	539	186.85	88.78
WDR16	16.67	27.01	0.62	chr17	17p13.1	31	716	148.78	196.84
EIF1AX	150.90	244.55	0.62	chrX	Xp22.12	70	1551	118.31	85.53
Hs.596865	15.20	24.63	0.62	chr10	N/A	8	377	92.60	80.89
Hs.542997	6.23	10.10	0.62	chr3	N/A	2	22	9.22	52.57
TNFRSF10D	14.21	23.03	0.62	chr8	8p21	38	943	133.74	86.91
NSMCE2	61.65	99.92	0.62	chr8	8q24.13	47	688	88.21	71.23
SCML1	42.76	69.31	0.62	chrX	Xp22	43	848	156.90	95.62
EEPD1	25.08	40.65	0.62	chr7	7p14.2	44	1534	158.95	103.49
FRMPD4	11.07	17.94	0.62	chrX	Xp22.2	38	919	82.90	95.27
SLC15A1	16.20	26.25	0.62	chr13	13q32.3	53	1127	160.46	250.08
ANKRD35	53.87	87.32	0.62	chr1	1q21.1	31	528	147.54	115.47
Hs.677491	26.27	42.58	0.62	chr8	N/A	1	304	0.00	41.11

CLMP	26.57	43.07	0.62	chr11	11q24.1	36	478	80.47	104.95
CSF3R	42.77	69.34	0.62	chr1	1p35-p34.3	36	920	135.15	254.29
EHBP1L1	37.54	60.85	0.62	chr11	11q13.1	36	1610	77.79	83.14
Hs.599826	10.58	17.16	0.62	chr8	N/A	7	73	92.49	138.46
Hs.459111	9.63	15.61	0.62	chr15	N/A	3	66	26.01	69.16
Hs.601091	7.46	12.09	0.62	chr1	N/A	7	73	43.08	73.25
Hs.666412	7.59	12.30	0.62	chr5	N/A	7	73	47.82	81.93
RAD54B	11.01	17.86	0.62	chr8	8q22.1	126	1109	49.53	86.05
OR8G1	7.69	12.46	0.62	chr11	11q24.2	15	637	38.52	147.63
TUBB8	52.42	85.01	0.62	chr10	10p15.3	13	28	68.59	78.83
DNAH1	13.09	21.24	0.62	chr3	3p21.1	60	4268	106.84	99.55
Hs.663849	8.25	13.38	0.62	chr16	N/A	10	73	103.40	77.75
ME1	53.90	87.41	0.62	chr6	6q12	67	1675	116.39	157.33
RNF11	188.96	306.49	0.62	chr1	1p32	25	504	65.85	54.70
Hs.661917	5.00	8.11	0.62	chr2	N/A	1	306	0.00	56.68
Hs.538710	8.81	14.29	0.62	chr11	N/A	7	73	55.28	75.26
Hs.602149	8.21	13.32	0.62	chr13	N/A	7	73	67.72	127.20
TYW1	53.83	87.32	0.62	chr7	7q11.21	49	697	74.70	55.13
PPM1M	34.13	55.36	0.62	chr3	3p21.2	26	481	132.12	75.17
Hs.664758	6.20	10.06	0.62	chr9	N/A	7	73	49.17	76.32
Hs.721169	5.29	8.58	0.62	chr8	N/A	1	304	0.00	52.17
ATAT1	32.89	53.37	0.62	chr6	6p21.33	50	909	290.23	75.99
C1QL2	17.79	28.86	0.62	chr2	2q14.2	25	160	131.07	92.56
CSTF2T	28.05	45.52	0.62	chr10	10q11	60	812	107.44	80.44
EIF2A	195.14	316.63	0.62	chr3	3q25.1	45	609	220.56	117.25
ARMC4	18.00	29.21	0.62	chr10	10p12.1-p11.2	48	1015	125.40	106.41
SNN	57.53	93.36	0.62	chr16	16p13	57	1149	120.81	128.95
GPATCH11	23.16	37.58	0.62	chr2	2p22.2	27	725	74.49	85.59
PXMP4	43.33	70.33	0.62	chr20	20q11.22	40	1219	123.03	91.73
FHOD1	63.37	102.87	0.62	chr16	16q22	26	516	118.48	125.28
Hs.657449	12.47	20.24	0.62	chr12	N/A	1	304	0.00	63.87
PIWIL2	15.33	24.89	0.62	chr8	8p21.3	32	869	76.24	89.47
MAGEA5	10.56	17.14	0.62	chrX	Xq28	19	371	59.37	58.83
Hs.593689	17.51	28.42	0.62	chr17	N/A	7	73	60.60	90.68
TNIP2	67.48	109.56	0.62	chr4	4p16.3	43	1382	116.66	62.60
LOC100505947	7.09	11.51	0.62	chr3	N/A	7	73	73.90	73.34
Hs.542156	9.25	15.01	0.62	chr2	N/A	10	73	76.12	87.05
PNCK	25.67	41.69	0.62	chrX	Xq28	24	405	153.69	74.97
Hs.545349	7.69	12.49	0.62	chr8	N/A	5	22	48.82	61.70
DOC2B	17.86	29.01	0.62	chr17	17p13.3	30	565	101.72	121.04
Hs.164225	10.11	16.42	0.62	chr4	N/A	4	304	33.79	131.73
SNTB2	42.78	69.49	0.62	chr16	16q22.1	88	3153	116.69	127.71
PAXIP1	41.48	67.39	0.62	chr7	7q36	44	718	68.08	70.09
CAHM	17.59	28.57	0.62	chr6	N/A	8	377	56.70	64.58
LINC00341	72.96	118.54	0.62	chr14	14q32.13	21	460	44.68	106.83
MANEAL	28.94	47.02	0.62	chr1	1p34.3	31	721	148.74	102.01
SHOX	8.12	13.18	0.62	chrX	Xp22.33;Yp11	39	522	108.10	86.83
Hs.683970	7.08	11.50	0.62	chr6	N/A	2	608	132.68	89.16
ZNF146	89.26	145.01	0.62	chr19	19q13.1	44	921	136.87	86.07
PARP2	66.58	108.17	0.62	chr14	14q11.2-q12	47	1495	62.66	62.37
LYZL2	24.65	40.05	0.62	chr10	10p11.23	32	405	129.70	642.70
Hs.529589	8.36	13.58	0.62	chr3	N/A	5	22	28.28	63.22
LINC00474	6.75	10.96	0.62	chr9	9q31.3	39	860	92.13	113.22
Hs.546699	75.00	121.88	0.62	chr1	N/A	7	73	39.09	71.79
SMG1	76.39	124.14	0.62	chr16	16p12.3	111	1317	232.83	112.11
Hs.664642	5.44	8.84	0.62	chr6	N/A	2	22	29.29	54.34
CCHCR1	29.28	47.59	0.62	chr6	6p21.3	40	1809	58.72	101.76
SNAPIN	135.53	220.26	0.62	chr1	1q21.3	24	417	57.35	46.96
CHFR	53.35	86.71	0.62	chr12	12q24.33	29	837	128.20	57.06
Hs.657660	11.05	17.96	0.62	chr12	N/A	7	73	67.33	59.72
GNPTAB	41.74	67.84	0.62	chr12	12q23.2	72	1459	118.54	104.95
Hs.656230	9.15	14.87	0.62	chr17	N/A	7	73	43.31	74.13
ENTPD1-AS1	15.70	25.53	0.62	chr10	10q24.1	29	193	62.06	79.48
Hs.618771	30.19	49.09	0.62	chr1	N/A	10	28	118.76	53.63
PAPL	10.34	16.81	0.62	chr19	19q13.2	15	80	64.84	88.08
Hs.666888	3.39	5.51	0.61	chr7	N/A	8	740	47.78	89.13
PTRH2	63.74	103.64	0.61	chr17	17q23.1	31	533	65.95	57.42
ASXL2	50.28	81.76	0.61	chr2	2p24.1	63	2062	107.17	117.07
OLAH	17.69	28.77	0.61	chr10	10p13	30	1132	163.69	189.49
STX6	34.31	55.80	0.61	chr1	1q25.3	73	1881	121.35	80.40
Hs.569195	14.85	24.14	0.61	chr12	N/A	1	304	0.00	40.64
ZNF211	33.73	54.85	0.61	chr19	19q13.4	47	671	90.02	64.57
CTXN3	13.11	21.32	0.61	chr5	5q23.2	32	782	136.28	194.71
CD28	10.11	16.45	0.61	chr2	2q33	43	1409	71.49	88.86
LOC100507162	6.62	10.76	0.61	chr8	N/A	7	304	70.95	64.83
OSBPL10-AS1	6.56	10.66	0.61	chr3	N/A	21	219	59.25	77.59
JAKMIP3	15.64	25.44	0.61	chr10	10q26.3	33	525	97.51	120.53
ZDHHC7	150.08	244.18	0.61	chr16	16q24.1	45	634	78.69	52.59
RBBP7	220.58	358.89	0.61	chrX	Xp22.2	40	605	96.61	66.40
Hs.149755	4.22	6.86	0.61	chr17	N/A	2	22	2.92	60.37
MAGEA2B	12.58	20.46	0.61	chrX	Xq28	23	101	84.43	104.47
TPH2	10.24	16.66	0.61	chr12	12q21.1	39	440	120.27	148.09
FAM83A	43.15	70.22	0.61	chr8	8q24.13	51	1470	334.63	148.73
Hs.543609	5.71	9.29	0.61	chr4	N/A	7	73	46.90	94.34
ABHD11	45.92	74.72	0.61	chr7	7q11.23	56	1205	92.95	127.75
Hs.734340	12.56	20.44	0.61	chr18	N/A	2	22	15.32	75.18
Hs.658787	10.60	17.25	0.61	chr3	N/A	13	428	66.49	59.13
Hs.603884	8.58	13.96	0.61	chr1	N/A	7	73	32.94	96.70
OSGEP1L1	27.38	44.56	0.61	chr2	2q32.2	49	943	88.83	57.61
Hs.647049	8.49	13.82	0.61	chr7	N/A	2	16	38.17	16.83
ARHGAP40	44.89	73.05	0.61	chr20	20q11.23	5	52	103.57	37.77
Hs.660336	6.45	10.49	0.61	chr5	N/A	6	355	55.40	130.63
PIH2	3.86	6.29	0.61	chr8	8q13.3	15	637	44.19	82.79

Hs.633082	11.18	18.21	0.61	chr19	N/A	10	28	38.72	76.35
Hs.721273	32.72	53.26	0.61	chr6	N/A	7	73	85.85	71.64
Hs.649339	5.81	9.45	0.61	chr7	N/A	2	22	6.02	68.25
CPSF3L	75.84	123.45	0.61	chr1	1p36.33	43	1755	121.24	68.11
Hs.363492	100.61	163.79	0.61	chr2	N/A	7	73	53.41	49.99
Hs.150001	4.87	7.93	0.61	chr3	N/A	7	73	46.55	120.03
CEP112	17.68	28.78	0.61	chr17	17q24.1	59	1017	60.82	205.02
NAA50	63.53	103.44	0.61	chr3	3q13.2	74	1629	211.97	131.39
PARPBP	7.07	11.51	0.61	chr12	12q23.2	53	1185	104.45	113.04
USP17L2	25.50	41.53	0.61	chr8	8p23.1	13	28	55.97	70.85
PPAP2A	218.24	355.40	0.61	chr5	5q11	39	975	73.03	105.87
ZNF268	26.54	43.22	0.61	chr12	12q24.33	57	1025	82.12	86.57
Hs.677034	10.29	16.76	0.61	chr2	N/A	10	28	31.09	43.06
MED27	34.34	55.93	0.61	chr9	9q34.13	41	1378	129.82	88.60
Hs.666685	10.19	16.60	0.61	chr12	N/A	7	73	42.68	85.83
CRTC2	93.20	151.81	0.61	chr1	1q21.3	26	424	123.24	58.27
TBX21	34.92	56.88	0.61	chr17	17q21.32	21	457	109.45	96.53
Hs.389223	24.35	39.66	0.61	chrX	N/A	10	73	70.66	44.97
PPP4R1L	9.75	15.88	0.61	chr20	20q13.32	39	1473	91.87	116.78
VPREB3	25.15	40.96	0.61	chr22	22q11	23	487	65.76	127.80
INO80E	56.61	92.22	0.61	chr16	16p11.2	26	467	98.09	61.29
Hs.596280	9.14	14.90	0.61	chr20	N/A	3	66	43.54	62.76
DNAJA1	221.52	360.91	0.61	chr9	9p13.3	47	1064	92.97	64.30
Hs.603135	7.35	11.97	0.61	chr13	N/A	7	73	51.49	67.46
Hs.712586	21.59	35.17	0.61	chr11	N/A	5	51	47.73	93.02
NTSC2	65.72	107.09	0.61	chr10	10q24.32	47	1066	109.12	123.37
Hs.611969	67.89	110.63	0.61	chr6	N/A	1	304	0.00	51.73
Hs.590708	14.00	22.81	0.61	chr9	N/A	7	73	64.53	77.73
Hs.711640	38.19	62.23	0.61	chr19	N/A	7	73	65.68	59.70
LOC100996400	6.66	10.85	0.61	chr18	N/A	2	22	30.82	71.20
Hs.659205	34.10	55.56	0.61	chr12	N/A	7	73	40.91	80.83
Hs.644669	139.76	227.76	0.61	chr18	N/A	7	73	178.14	288.89
EPB41L5	23.13	37.69	0.61	chr2	2q14.2	72	1710	125.59	104.10
MRC2	91.20	148.64	0.61	chr17	17q23.2	33	964	138.81	94.37
Hs.657599	6.82	11.12	0.61	chr7	N/A	17	466	62.14	152.65
Hs.22137	17.58	28.65	0.61	chr1	N/A	10	985	97.85	87.63
Hs.659011	54.45	88.74	0.61	chr15	N/A	9	112	85.24	83.57
CAPN9	14.11	23.00	0.61	chr1	1q42.11-q42.3	45	1060	100.12	85.47
CDA	34.90	56.89	0.61	chr1	1p36.2-p35	30	575	79.61	195.28
IRF9	134.51	219.26	0.61	chr14	14q11.2	40	607	98.40	68.77
BTNL9	62.43	101.77	0.61	chr5	5q35.3	47	1774	160.62	200.65
ANAPC5	143.14	233.36	0.61	chr12	12q24.31	64	2186	79.82	88.74
HEG1	82.64	134.72	0.61	chr3	3q21.2	47	1199	134.95	94.83
LHX5	6.44	10.49	0.61	chr12	12q24	21	454	97.46	86.49
ARTN	19.55	31.87	0.61	chr1	1p33-p32	49	1425	165.29	122.07
C15orf40	37.91	61.81	0.61	chr15	15q25.2	29	424	78.24	50.94
SLC5A2	65.46	106.73	0.61	chr16	16p11.2	30	565	114.79	622.97
Hs.666980	5.77	9.41	0.61	chr19	N/A	7	73	84.49	68.36
Hs.634037	21.65	35.30	0.61	chr7	N/A	8	377	125.12	55.01
ROPN1L-AS1	6.80	11.09	0.61	chr5	5p15.2	2	16	36.10	150.85
TMEM57	27.55	44.93	0.61	chr1	1p36.11	34	888	90.00	120.39
Hs.656138	14.66	23.91	0.61	chr11	N/A	15	450	134.01	88.06
AUNIP	24.24	39.53	0.61	chr1	1p36.11	22	753	99.43	237.14
GPC5	11.34	18.49	0.61	chr13	13q32	70	1065	114.52	339.26
Hs.117210	8.59	14.02	0.61	chr4	N/A	8	377	86.62	62.74
Hs.542423	18.04	29.42	0.61	chr20	N/A	7	73	120.28	151.56
Hs.539133	9.63	15.70	0.61	chr12	N/A	5	22	24.83	54.50
FMO1	54.52	88.93	0.61	chr1	1q24.3	44	717	123.14	415.39
Hs.659478	6.70	10.92	0.61	chr18	N/A	7	73	61.14	76.69
FLJ37035	6.26	10.22	0.61	chr10	10q26.13	36	1325	148.82	68.52
CBX3	126.53	206.42	0.61	chr7	7p15.2	74	1604	144.02	111.14
RABL2B	41.79	68.19	0.61	chr22	22q13.33	25	571	82.69	72.02
Hs.550850	9.16	14.94	0.61	chr11	N/A	1	304	0.00	65.77
Hs.213088	18.04	29.43	0.61	chr7	N/A	7	73	77.82	48.25
CD48	65.31	106.56	0.61	chr1	1q21.3-q22	48	988	211.34	223.13
Hs.653515	7.98	13.02	0.61	chr12	N/A	7	73	40.98	85.14
Hs.648885	21.28	34.72	0.61	chr7	N/A	11	378	87.32	39.94
RHOT2	64.56	105.35	0.61	chr16	16p13.3	45	1434	107.70	87.83
ZNF300	31.38	51.20	0.61	chr5	5q33.1	44	709	295.53	130.37
LRRC41	39.43	64.34	0.61	chr1	1p34.1	52	1679	92.63	93.94
ERBB2IP	83.82	136.79	0.61	chr5	5q12.3	47	1292	154.60	130.99
Hs.519642	7.16	11.68	0.61	chr6	N/A	7	73	65.98	99.18
Hs.595868	25.93	42.32	0.61	chr14	N/A	7	73	35.72	56.40
Hs.706215	4.87	7.95	0.61	chr17	N/A	10	28	59.62	43.75
Hs.668358	12.64	20.63	0.61	chr15	N/A	7	73	54.95	136.08
ZNF569	11.84	19.33	0.61	chr19	19q13.12	23	757	70.85	68.06
NLRP6	6.11	9.98	0.61	chr11	11p15	19	384	127.99	59.01
Hs.525155	5.83	9.51	0.61	chr11	N/A	7	73	50.68	104.12
Hs.547695	11.95	19.50	0.61	chr5	N/A	11	377	89.08	75.17
IMMP1L	30.64	50.01	0.61	chr11	11p13	15	648	102.82	90.19
ZBED4	16.14	26.35	0.61	chr22	22q13.33	63	1235	104.91	72.41
FLT3	16.75	27.35	0.61	chr13	13q12	30	582	68.62	75.44
TDG	61.86	101.02	0.61	chr12	12q24.1	78	1221	109.49	68.93
Hs.646459	14.15	23.11	0.61	chr18	N/A	1	304	0.00	40.88
Hs.658698	31.94	52.15	0.61	chr2	N/A	1	304	0.00	54.52
FRMD6-AS1	20.77	33.92	0.61	chr14	14q22.1	7	370	61.92	85.04
CHMP1A	79.61	130.00	0.61	chr16	16q24.3	55	683	64.43	120.12
TMEM72-AS1	19.55	31.93	0.61	chr10	10q11.21	4	316	62.66	62.09
C5orf52	9.60	15.68	0.61	chr5	5q33.3	12	50	170.80	223.97
RTN4R	42.49	69.39	0.61	chr22	22q11.21	38	563	224.94	582.98
MPP7	22.92	37.44	0.61	chr10	10p12.1	50	1536	93.01	126.12
Hs.568487	7.70	12.58	0.61	chr1	N/A	5	22	31.67	54.46
Hs.670158	3.51	5.73	0.61	chr12	N/A	1	304	0.00	63.27

Hs.602493	5.74	9.37	0.61	chr3	N/A	7	73	34.05	62.98
Hs.673484	30.10	49.16	0.61	chr1	N/A	1	304	0.00	39.01
FBXL12	56.41	92.14	0.61	chr19	19p13.2	46	938	92.09	86.88
Hs.652517	4.21	6.88	0.61	chr6	N/A	8	377	36.21	200.15
Hs.32333	28.95	47.28	0.61	chr1	N/A	17	101	113.82	86.07
Hs.675436	9.78	15.97	0.61	chr7	N/A	10	840	69.25	63.25
Hs.664004	8.17	13.35	0.61	chr5	N/A	7	73	58.66	73.93
OLIG2	15.45	25.24	0.61	chr21	21q22.11	46	749	97.11	159.02
Hs.671803	9.41	15.38	0.61	chr18	N/A	1	304	0.00	58.93
Hs.585560	5.89	9.63	0.61	chr12	N/A	7	73	45.90	82.73
PIK3IP1	76.03	124.22	0.61	chr22	22q12.2	46	1324	74.89	102.27
NME7	34.90	57.02	0.61	chr1	1q24	24	465	55.02	58.02
MTUS1	99.95	163.31	0.61	chr8	8p22	60	1789	136.95	94.28
MAGI2	29.46	48.14	0.61	chr7	7q21	46	1362	203.67	135.77
ZNF687	64.75	105.79	0.61	chr1	1q21.3	23	488	115.78	94.35
Hs.732087	27.55	45.01	0.61	chr11	N/A	14	146	65.82	77.40
Hs.729329	43.37	70.87	0.61	chr8	N/A	1	304	0.00	38.70
ACTR10	191.16	312.38	0.61	chr14	14q23.1	31	488	56.01	53.76
Hs.597222	41.41	67.68	0.61	chr11	N/A	7	73	56.90	63.08
Hs.112582	24.34	39.77	0.61	chr21	N/A	10	139	92.90	52.67
NUDT18	27.78	45.40	0.61	chr8	8p21.3	18	460	78.53	53.53
HTR5A	8.52	13.92	0.61	chr7	7q36.1	31	484	150.67	109.43
Hs.601009	8.05	13.15	0.61	chr3	N/A	7	73	57.93	77.72
ARFIP1	37.86	61.88	0.61	chr4	4q31.3	51	1024	81.42	84.42
Hs.603696	10.49	17.15	0.61	chr17	N/A	2	22	24.00	72.20
SRI	105.60	172.61	0.61	chr7	7q21.1	79	1140	109.38	89.07
Hs.434347	6.26	10.24	0.61	chr1	N/A	1	304	0.00	53.62
Hs.593986	8.78	14.35	0.61	chr2	N/A	7	73	73.30	88.90
Hs.147408	8.78	14.35	0.61	chr5	N/A	10	28	87.39	186.75
DHX38	47.04	76.90	0.61	chr16	16q22	37	644	110.40	122.26
CCDC34	22.00	35.96	0.61	chr11	11p14.1	50	873	105.39	135.88
Hs.604404	7.42	12.13	0.61	chr3	N/A	7	73	95.26	96.56
Hs.677240	5.09	8.32	0.61	chr9	N/A	20	868	32.84	75.48
Hs.105830	6.28	10.28	0.61	chr11	N/A	7	73	37.53	99.26
Hs.638939	11.37	18.59	0.61	chr6	N/A	4	304	30.82	44.07
Hs.662346	23.80	38.92	0.61	chr10	N/A	1	304	0.00	52.06
Hs.659402	7.81	12.78	0.61	chr12	N/A	7	73	49.24	84.67
Hs.158126	33.39	54.61	0.61	chr6	N/A	11	332	136.08	58.42
GTF3C2	76.79	125.58	0.61	chr2	2p23.3	51	1423	109.06	71.99
SIGLEC6	28.38	46.42	0.61	chr19	19q13.3	53	1434	102.73	109.07
RFX7	31.75	51.93	0.61	chr15	15q21.3	39	961	251.74	92.21
Hs.656512	15.94	26.08	0.61	chr13	N/A	18	405	81.10	234.71
Hs.664816	10.05	16.44	0.61	chr10	N/A	7	73	110.12	73.67
PRAMEF11	19.71	32.24	0.61	chr1	1p36.21	11	420	66.87	60.31
KIDINS220	57.93	94.76	0.61	chr2	2p24	68	1845	114.61	101.21
Hs.127462	16.16	26.43	0.61	chr3	N/A	3	326	32.84	203.18
PURG	15.98	26.14	0.61	chr8	8p11	42	859	205.05	115.38
Hs.667819	53.50	87.51	0.61	chr9	N/A	7	73	107.85	154.71
CBX1	127.34	208.31	0.61	chr17	17q21.32	50	621	118.79	71.74
AGGF1	32.87	53.78	0.61	chr5	5q13.3	85	1984	93.95	86.76
SMU1	26.52	43.38	0.61	chr9	9p12	47	1242	63.86	59.98
RHOF	25.95	42.45	0.61	chr12	12q24.31	86	2040	125.63	73.62
PGP	59.68	97.64	0.61	chr16	16p13.3	23	841	194.76	205.33
CTDP1	26.15	42.79	0.61	chr18	18q23	53	676	76.18	70.18
GCHFR	46.76	76.51	0.61	chr15	15q15	30	577	37.84	102.14
ESYT1	84.86	138.85	0.61	chr12	12q13.2	30	876	88.85	93.90
HDAC1	151.14	247.30	0.61	chr1	1p34	50	760	114.22	87.02
MSN	195.13	319.28	0.61	chrX	Xq11.1	89	894	169.83	122.31
LPIN1	97.44	159.45	0.61	chr2	2p25.1	50	1431	105.44	107.02
Hs.596444	20.03	32.77	0.61	chr2	N/A	17	89	99.05	60.47
AKRIC2	228.92	374.63	0.61	chr10	10p15-p14	35	1316	175.12	169.88
PTH2	43.44	71.10	0.61	chr19	19q13.33	14	340	60.75	54.99
Hs.601327	6.82	11.16	0.61	chrX	N/A	7	73	39.61	82.99
FAM27C	40.97	67.06	0.61	chr9	9p11.2	7	12	13.89	34.48
RPL6	1,274.72	2,086.35	0.61	chr12	12q24.1	80	708	192.81	89.21
CENPN	17.78	29.11	0.61	chr16	16q23.2	96	1869	81.30	146.63
FAM214B	51.83	84.83	0.61	chr9	9p13.3	54	1148	90.16	69.79
Hs.703057	11.42	18.69	0.61	chr12	N/A	2	620	21.73	77.57
CPSF6	47.73	78.13	0.61	chr12	12q15	74	1621	289.35	86.40
Hs.114076	6.55	10.73	0.61	chr6	N/A	10	73	42.97	73.29
Hs.670503	6.03	9.88	0.61	chr9	N/A	1	304	0.00	77.37
Hs.649149	6.43	10.53	0.61	chr18	N/A	10	73	62.26	75.12
PLA2G2D	19.09	31.26	0.61	chr1	1p36.12	36	537	109.70	134.29
CYBB	25.17	41.21	0.61	chrX	Xp21.1	68	1848	92.39	198.94
Hs.595200	141.31	231.39	0.61	chr17	N/A	7	73	73.27	48.19
Hs.561148	6.20	10.15	0.61	chr3	N/A	10	73	36.56	86.35
SP3	47.45	77.71	0.61	chr2	2q31	95	2069	163.94	110.04
ZNF550	29.19	47.81	0.61	chr19	19q13.43	25	745	80.40	87.89
LY6E	80.52	131.90	0.61	chr8	8q24.3	35	628	135.50	85.93
CNPY3	29.81	48.83	0.61	chr6	6pter-p12.1	56	1545	79.86	78.38
DCBLD1	24.27	39.76	0.61	chr6	6q22.1	59	909	131.40	66.73
Hs.129402	9.60	15.73	0.61	chr20	N/A	10	73	69.22	57.60
Hs.538454	13.51	22.13	0.61	chr10	N/A	10	73	131.86	93.12
Hs.523097	61.08	100.07	0.61	chr10	N/A	7	73	71.23	91.91
TRAC	79.73	130.63	0.61	chr14	14q11	5	420	45.57	165.23
DKKL1	28.07	45.98	0.61	chr19	19q13.33	21	465	164.33	314.71
POLD3	32.77	53.69	0.61	chr11	11q14	61	1005	126.73	64.90
SNCAIP	18.64	30.54	0.61	chr5	5q23.2	39	1234	109.64	100.28
RLF	45.02	73.78	0.61	chr1	1p32	42	701	96.54	65.99
Hs.683854	27.24	44.64	0.61	chr16	N/A	1	304	0.00	47.79
ZNF496	22.20	36.38	0.61	chr1	1q44	40	1567	62.81	69.68
LINC00458	5.03	8.24	0.61	chr13	N/A	3	912	52.30	67.53
Hs.715011	27.89	45.71	0.61	chr1	N/A	7	73	52.79	101.10

IKZF5	26.60	43.58	0.61	chr10	10q26	44	631	111.13	61.49
OR5R1	43.59	71.43	0.61	chr11	11q12.1	5	52	104.96	62.13
DLGAP5	16.49	27.02	0.61	chr14	14q22.3	37	633	97.18	145.44
COPZ1	139.67	228.90	0.61	chr12	12q13.2-q13.3	39	865	65.60	49.39
WDR5	47.52	77.89	0.61	chr9	9q34	37	876	195.64	150.60
Hs.667300	12.69	20.80	0.61	chr1	N/A	16	754	69.46	73.68
Hs.678264	5.21	8.54	0.61	chr19	N/A	1	304	0.00	48.66
Hs.660687	7.16	11.73	0.61	chr5	N/A	20	56	43.11	48.73
ARL11	7.39	12.12	0.61	chr13	13q14.2	40	733	93.09	162.24
Hs.639414	4.51	7.40	0.61	chr6	N/A	1	304	0.00	53.21
Hs.600542	6.59	10.81	0.61	chr9	N/A	8	377	46.12	138.74
Hs.317080	21.14	34.67	0.61	chr17	N/A	1	304	0.00	48.90
LOC100505903	8.25	13.53	0.61	chr6	N/A	3	326	57.73	55.72
FGF21	16.09	26.39	0.61	chr19	19q13.33	26	509	132.28	82.30
SPAG8	13.61	22.32	0.61	chr9	9p13.3	44	1000	111.13	166.35
Hs.715771	25.24	41.39	0.61	chr12	N/A	10	28	51.83	26.96
LINC00905	14.94	24.50	0.61	chr19	19p13.12	17	334	204.04	68.91
HSD3B7	32.97	54.08	0.61	chr16	16p11.2	18	402	144.80	108.03
Hs.662838	12.38	20.30	0.61	chr3	N/A	7	73	103.10	116.71
Hs.667187	7.33	12.02	0.61	chr9	N/A	2	22	58.60	71.33
DLGAP2	11.04	18.10	0.61	chr8	8p23	41	1074	99.66	155.00
Hs.130178	7.56	12.40	0.61	chr1	N/A	6	66	42.07	56.92
Hs.651539	5.03	8.25	0.61	chr8	N/A	7	73	61.93	77.41
Hs.445233	5.29	8.67	0.61	chr9	N/A	8	377	39.30	57.22
ZNF75D	19.38	31.79	0.61	chrX	Xq26.3	71	1429	75.51	95.42
Hs.604626	10.54	17.28	0.61	chr12	N/A	7	73	140.01	91.63
Hs.130306	6.26	10.27	0.61	chr18	N/A	14	146	99.09	198.76
FBXO24	12.51	20.52	0.61	chr7	7q22	28	757	140.68	209.82
Hs.666368	16.56	27.16	0.61	chr21	N/A	2	608	57.21	60.47
MTX1	78.26	128.39	0.61	chr1	1q21	38	604	94.73	86.61
Hs.600342	14.94	24.51	0.61	chr1	N/A	11	332	123.17	48.06
DTX2P1-UPK3BI	122.05	200.25	0.61	chr7	7q11.23	25	907	166.01	89.41
Hs.599935	26.24	43.06	0.61	chr14	N/A	7	73	55.78	70.54
MIFR2	10.50	17.23	0.61	chr6	6q23.3	24	996	81.89	114.32
DKFZp451B082	22.68	37.21	0.61	chr6	6q26	4	304	39.70	41.93
H2AFJ	126.02	206.81	0.61	chr12	12p12.3	58	1574	135.86	221.54
Hs.570637	30.46	50.00	0.61	chr3	N/A	7	73	53.91	127.30
RAB11FIP5	93.00	152.65	0.61	chr2	2p13	30	561	68.06	154.76
Hs.664661	16.89	27.72	0.61	chr21	N/A	1	304	0.00	33.61
IL10RA	45.31	74.38	0.61	chr11	11q23	47	633	80.30	106.46
SLFNL1-AS1	7.63	12.53	0.61	chr1	1p34	1	316	0.00	72.87
PRRC2C	102.42	168.14	0.61	chr1	1q23.3	110	3221	187.20	106.29
C1RL-AS1	36.06	59.20	0.61	chr12	12p13.31	2	608	14.37	53.23
Hs.403246	13.05	21.43	0.61	chr20	N/A	17	101	45.60	105.30
Hs.573062	11.66	19.14	0.61	chr4	N/A	10	139	70.96	109.17
LRRC29	13.00	21.35	0.61	chr16	16q22.1	24	443	93.34	108.14
LINC00433	5.72	9.40	0.61	chr13	N/A	5	51	72.34	89.50
BAP1	59.56	97.81	0.61	chr3	3p21.31-p21.2	48	982	77.50	65.41
Hs.547943	13.09	21.50	0.61	chr12	N/A	2	614	110.30	93.58
RPL7	750.69	1,232.87	0.61	chr8	8q21.11	77	2605	155.86	133.12
Hs.566336	3.76	6.17	0.61	chr5	N/A	2	608	3.09	72.15
Hs.39662	7.13	11.70	0.61	chr15	N/A	7	73	52.99	96.83
Hs.662095	30.23	49.65	0.61	chr19	N/A	3	320	127.79	73.62
Hs.130180	22.95	37.70	0.61	chr2	N/A	7	73	46.89	173.17
COBL1	33.15	54.46	0.61	chr2	2q24.3	72	2027	143.36	158.48
Hs.729323	31.15	51.16	0.61	chr17	N/A	5	674	86.15	66.59
ARPC5	123.28	202.53	0.61	chr1	1q25.3	32	1197	59.34	92.72
Hs.600188	6.99	11.48	0.61	chr9	N/A	10	840	24.70	76.74
Hs.632872	27.03	44.41	0.61	chr6	N/A	7	73	82.67	80.33
ADAMTS3	11.76	19.31	0.61	chr4	4q13.3	40	589	111.40	96.72
Hs.734278	7.12	11.70	0.61	chr1	N/A	14	146	58.67	118.08
Hs.639369	6.34	10.42	0.61	chr1	N/A	1	304	0.00	60.99
IER5L	33.96	55.80	0.61	chr9	9q34.11	25	721	68.67	70.57
HIST1H2BF	37.92	62.31	0.61	chr6	6p22.1	28	537	75.09	90.02
Hs.655932	18.39	30.21	0.61	chr10	N/A	8	377	111.10	67.66
CDADC1	28.79	47.30	0.61	chr13	13q14.2	48	1551	57.99	90.87
ARHGEF10	44.72	73.50	0.61	chr8	8p23	87	1753	167.64	107.66
Hs.146628	6.02	9.89	0.61	chr1	N/A	6	66	57.46	185.94
RNF38	60.79	99.89	0.61	chr9	9p13	61	1077	172.79	124.43
GPR112	6.93	11.39	0.61	chrX	Xq26.3	17	334	47.24	60.10
Hs.636076	6.38	10.48	0.61	chr8	N/A	1	304	0.00	52.12
Hs.560393	11.06	18.17	0.61	chr15	N/A	10	73	123.50	60.92
GPR107	35.20	57.86	0.61	chr9	9q34.11	68	2071	97.93	107.35
Hs.325020	9.15	15.03	0.61	chr3	N/A	10	73	93.84	162.47
GLOD4	91.76	150.81	0.61	chr17	17p13.3	27	572	88.17	55.45
C3orf30	11.18	18.37	0.61	chr3	3q13.32	20	332	126.52	366.11
NDUFA4L2	45.75	75.19	0.61	chr12	12q13.3	31	529	81.20	125.26
Hs.652432	6.13	10.07	0.61	chr11	N/A	7	73	54.26	110.70
Hs.713951	48.50	79.72	0.61	chr21	N/A	7	73	131.54	78.88
Hs.720432	7.28	11.97	0.61	chr2	N/A	1	304	0.00	60.67
LOC100505761	14.11	23.20	0.61	chr10	N/A	19	964	132.63	108.05
Hs.559827	38.20	62.80	0.61	chr10	N/A	7	73	54.07	70.81
Hs.656862	9.71	15.96	0.61	chr1	N/A	8	377	73.45	59.23
MLST8	35.73	58.74	0.61	chr16	16p13.3	28	538	117.02	61.62
GPLD1	15.12	24.86	0.61	chr6	6p22.1	96	2955	129.36	127.40
LRRC3B	15.39	25.31	0.61	chr3	3p24	36	534	156.11	110.39
NOA1	87.90	144.53	0.61	chr4	4q12	26	469	72.41	45.08
Hs.671885	31.20	51.30	0.61	chr7	N/A	1	304	0.00	82.13
Hs.604844	11.56	19.01	0.61	chr2	N/A	4	78	33.21	56.19
PCOLCE-AS1	47.99	78.91	0.61	chr7	7q22.1	1	304	0.00	78.84
MORN1	22.36	36.76	0.61	chr1	1p36.33-p36.3	38	1507	129.59	282.88
CLRN1	12.90	21.21	0.61	chr3	3q25	37	1021	129.19	155.23
Hs.663147	11.30	18.58	0.61	chr2	N/A	7	73	92.31	82.65

FTMT	19.25	31.66	0.61	chr5	5q21.3	30	132	94.96	163.36
ZBTB32	11.34	18.65	0.61	chr19	19q13.1	28	529	159.96	232.32
ELMO1	37.22	61.21	0.61	chr7	7p14.1	66	781	134.09	102.87
Hs.655549	9.45	15.54	0.61	chr3	N/A	15	450	52.87	90.85
FREM2	24.69	40.61	0.61	chr13	13q13.3	14	408	173.64	180.12
RAD17	57.56	94.67	0.61	chr5	5q13	62	1457	97.14	84.77
MORN4	32.43	53.35	0.61	chr10	10q24.2	44	878	91.59	73.83
HNF4G	16.43	27.02	0.61	chr8	8q21.11	55	1043	165.63	697.90
KIAA1468	66.20	108.88	0.61	chr18	18q21.33	39	883	255.31	135.88
Hs.666131	5.95	9.79	0.61	chr13	N/A	7	73	47.61	74.88
Hs.636845	8.42	13.85	0.61	chr17	N/A	10	840	61.35	87.01
LOC401098	4.11	6.76	0.61	chr3	3q25.33	11	332	40.53	72.14
SF3B4	79.88	131.40	0.61	chr1	1q21.2	30	577	164.63	57.01
ARF5	121.74	200.30	0.61	chr7	7q31.3	40	593	81.71	54.74
Hs.661018	14.17	23.32	0.61	chr16	N/A	7	73	64.11	55.51
NR1H4	13.40	22.05	0.61	chr12	12q23.1	32	1177	84.75	185.15
RERGL	17.34	28.53	0.61	chr12	12p12.3	18	457	52.94	105.06
NBR2	17.99	29.61	0.61	chr17	17q21	84	1635	115.22	94.82
Hs.664291	24.08	39.62	0.61	chr9	N/A	1	304	0.00	43.74
Hs.131267	6.06	9.97	0.61	chr3	N/A	3	66	21.34	75.38
Hs.570405	4.98	8.19	0.61	chr21	N/A	1	304	0.00	62.64
Hs.666549	11.89	19.56	0.61	chr14	N/A	2	22	10.95	63.12
SLC10A7	11.71	19.27	0.61	chr4	4q31.22	59	1176	79.05	88.84
Hs.705877	177.09	291.47	0.61	chr19	N/A	21	814	173.89	97.14
KLHDC9	71.76	118.10	0.61	chr1	1q23.3	27	417	63.02	143.33
Hs.335020	8.80	14.48	0.61	chr18	N/A	10	73	82.78	75.76
RS1	9.41	15.50	0.61	chrX	Xp22.13	43	1361	80.90	67.83
SPATA6L	9.49	15.62	0.61	chr9	9p24.2	35	1746	52.93	118.66
LOC100270746	24.06	39.61	0.61	chr6	6p22.2	17	101	61.70	81.46
NBN	53.70	88.41	0.61	chr8	8q21	74	2293	181.32	94.08
Hs.666447	8.37	13.78	0.61	chr1	N/A	11	443	51.98	72.64
Hs.569089	7.72	12.71	0.61	chr12	N/A	11	332	121.53	55.85
Hs.668385	12.32	20.29	0.61	chr8	N/A	7	73	95.23	73.82
OXTR	18.29	30.12	0.61	chr3	3p25	45	615	82.77	120.19
Hs.604333	8.61	14.18	0.61	chr2	N/A	2	22	71.10	63.72
TTC26	11.82	19.47	0.61	chr7	7q34	40	1159	77.31	75.06
UNC119	50.20	82.66	0.61	chr17	17q11.2	33	577	94.51	84.30
FHL5	21.93	36.11	0.61	chr6	6q16.1-q16.3	32	1168	93.19	246.86
Hs.657254	9.89	16.28	0.61	chr10	N/A	8	377	78.94	65.39
Hs.131235	5.84	9.61	0.61	chr4	N/A	7	73	56.94	125.59
Hs.602888	39.05	64.33	0.61	chr13	N/A	7	73	44.42	83.42
SRSF10	72.17	118.89	0.61	chr1	1p36.11	114	2254	117.43	113.49
LINC00311	8.02	13.21	0.61	chr16	16q24.1	17	332	66.93	46.41
Hs.659931	415.03	683.74	0.61	chr3	N/A	7	73	27.77	136.72
HNRNPA0	125.05	206.01	0.61	chr5	5q31	47	1036	170.07	72.57
Hs.317051	36.22	59.67	0.61	chr13	N/A	5	609	79.30	37.57
ZNF512	96.56	159.09	0.61	chr2	2p23	27	761	149.99	58.63
POGK	40.03	65.94	0.61	chr1	1q24.1	39	865	162.26	94.77
PRDM14	21.78	35.89	0.61	chr8	8q13.3	24	454	241.00	105.70
RPS9	610.95	1,006.55	0.61	chr19	19q13.4	78	1515	125.09	91.36
LOC100505498	10.09	16.62	0.61	chr2	N/A	28	1268	48.49	79.19
Hs.655512	11.69	19.26	0.61	chr22	N/A	1	304	0.00	47.02
IFI30	209.02	344.42	0.61	chr19	19p13.1	32	615	93.02	163.87
SYTL5	10.17	16.75	0.61	chrX	Xp21.1	37	789	89.16	102.36
NKX3-2	11.06	18.23	0.61	chr4	4p16.3	23	493	63.52	179.27
Hs.132540	6.46	10.65	0.61	chr3	N/A	10	73	51.68	102.69
Hs.603082	9.17	15.11	0.61	chr1	N/A	7	73	76.57	96.82
RFC5	21.38	35.23	0.61	chr12	12q24.23	33	955	115.74	65.74
TACR2	20.01	32.98	0.61	chr10	10q22.1	30	567	82.12	90.88
STEAP3	41.98	69.18	0.61	chr2	2q14.2	53	928	89.77	122.43
Hs.369009	7.44	12.26	0.61	chr10	N/A	1	304	0.00	87.06
LINC00839	12.44	20.50	0.61	chr10	10q11.21	27	129	102.57	75.30
Hs.518877	2.63	4.34	0.61	chr4	N/A	1	304	0.00	78.75
Hs.553890	7.26	11.97	0.61	chr16	N/A	5	22	28.06	62.66
GFOD2	41.63	68.63	0.61	chr16	16q22.1	40	1050	148.07	73.64
LOC100996417	13.86	22.85	0.61	chr19	N/A	7	73	54.15	65.70
Hs.605782	9.85	16.24	0.61	chr4	N/A	10	28	40.07	93.86
Hs.667265	9.84	16.22	0.61	chr20	N/A	2	22	75.18	127.33
IDO2	11.19	18.44	0.61	chr8	8p11.21	14	332	104.45	111.55
GID8	82.22	135.57	0.61	chr20	20q13.33	53	1011	140.38	64.72
SMC1B	7.41	12.21	0.61	chr22	22q13.31	17	334	54.05	116.44
Hs.547766	5.52	9.10	0.61	chr7	N/A	1	304	0.00	56.01
CD74	439.83	725.24	0.61	chr5	5q32	41	1197	148.53	163.07
Hs.545506	4.64	7.66	0.61	chr8	N/A	6	66	50.70	71.60
ACOT7	60.03	98.99	0.61	chr1	1p36	56	1009	122.59	123.95
HTR1A	13.00	21.44	0.61	chr5	5q11.2-q13	21	453	65.37	81.81
LHX9	6.98	11.51	0.61	chr1	1q31.1	34	1324	90.90	95.64
Hs.116308	6.94	11.44	0.61	chr10	N/A	11	377	92.76	67.77
Hs.70723	9.39	15.48	0.61	chr15	N/A	7	73	43.74	75.75
Hs.633650	12.29	20.26	0.61	chr7	N/A	2	22	52.55	71.17
MAZ	57.68	95.13	0.61	chr16	16p11.2	63	1673	232.19	142.43
HIST3H2BB	23.96	39.51	0.61	chr1	1q42.13	27	135	65.89	124.15
Hs.545853	12.31	20.29	0.61	chr9	N/A	7	73	31.53	61.86
RGS7	10.82	17.84	0.61	chr1	1q23.1	41	1349	228.13	178.54
Hs.729539	9.47	15.62	0.61	chr21	N/A	8	377	33.14	83.75
Hs.545420	6.44	10.62	0.61	chr8	N/A	5	420	21.60	66.82
TANC2	18.18	29.99	0.61	chr17	17q23.3	89	1756	192.23	121.67
Hs.667896	16.69	27.54	0.61	chr3	N/A	3	66	71.99	56.36
KIF13A	37.61	62.07	0.61	chr6	6p23	78	2480	205.22	169.70
MIP	12.33	20.35	0.61	chr12	12q13	21	453	78.43	58.81
Hs.662432	5.68	9.37	0.61	chr1	N/A	7	73	37.03	89.32
ASH1L-AS1	30.83	50.90	0.61	chr1	1q22	11	343	24.85	35.11
Hs.634497	9.09	15.01	0.61	chr17	N/A	10	73	85.84	117.71

Hs.488237	16.23	26.80	0.61	chr1	N/A	5	39	57.76	60.25
Hs.127346	16.81	27.76	0.61	chr12	N/A	15	450	64.75	75.56
Hs.657873	11.28	18.63	0.61	chr15	N/A	8	377	52.48	69.81
Hs.666688	6.26	10.33	0.61	chr17	N/A	1	307	0.00	67.43
ZNF789	19.97	32.98	0.61	chr7	7q22.1	31	1666	77.55	63.60
Hs.308982	11.68	19.28	0.61	chr7	N/A	7	73	46.89	80.40
EPHB4	51.00	84.21	0.61	chr7	7q22	42	1062	102.44	70.47
Hs.667232	7.81	12.89	0.61	chr15	N/A	3	66	32.44	58.79
METTL25	31.20	51.52	0.61	chr12	12q21.31	36	494	80.28	90.69
Hs.147090	12.78	21.11	0.61	chr4	N/A	6	66	55.89	120.59
FAM65B	39.76	65.65	0.61	chr6	6p22.3-p21.32	66	1204	172.01	184.64
Hs.601090	23.60	38.98	0.61	chr22	N/A	7	73	68.34	64.27
SEMA3F	52.23	86.25	0.61	chr3	3p21.3	57	1523	232.49	146.73
TMEM87A	92.60	152.92	0.61	chr15	15q15.1	40	1555	113.53	108.43
Hs.147533	9.81	16.20	0.61	chr4	N/A	10	73	90.68	113.48
BUD31	91.61	151.29	0.61	chr7	7q22.1	29	577	70.82	51.32
Hs.667711	50.59	83.56	0.61	chr5	N/A	2	22	15.51	55.49
KDMA5	56.98	94.12	0.61	chr12	12p11	74	2195	93.92	113.72
OR7D2	19.89	32.85	0.61	chr19	19p13.2	19	385	171.64	155.26
Hs.666133	8.89	14.68	0.61	chr2	N/A	7	73	50.84	69.05
Hs.523470	55.52	91.70	0.61	chr11	N/A	5	420	117.18	61.13
LCE6A	6.70	11.06	0.61	chr1	1q21.3	10	73	53.68	72.24
CCDC117	55.55	91.76	0.61	chr22	22q12.1	47	869	146.15	83.37
Hs.655617	5.69	9.39	0.61	chr2	N/A	14	146	47.79	69.61
BEST2	17.21	28.44	0.61	chr19	19p13.2	28	529	90.83	96.04
Hs.719284	22.80	37.68	0.61	chr2	N/A	4	370	112.80	38.64
DBR1	24.66	40.75	0.61	chr3	3q22.3	39	906	47.98	63.92
Hs.745042	23.51	38.85	0.61	chr7	N/A	6	355	45.45	84.08
PPP6R1	69.81	115.38	0.61	chr19	19q13.42	40	600	63.80	65.12
Hs.147310	4.29	7.09	0.61	chr3	N/A	3	66	35.95	102.25
NECAP1	71.47	118.12	0.61	chr12	12p13.31	38	578	139.42	73.35
Hs.443670	10.43	17.24	0.60	chr2	N/A	8	51	75.31	68.42
CACNB3	36.02	59.53	0.60	chr12	12q13	45	1015	94.28	66.80
WDR48	62.44	103.22	0.60	chr3	3p21.33	45	1446	185.49	83.36
LOC642361	46.04	76.11	0.60	chr10	10q22.3	14	378	82.58	46.79
Hs.412102	13.61	22.49	0.60	chr15	N/A	2	16	19.13	28.27
Hs.659831	62.54	103.41	0.60	chr7	N/A	14	146	121.18	109.68
TOP2B	117.69	194.59	0.60	chr3	3p24	40	630	97.52	77.71
Hs.661575	7.06	11.67	0.60	chr5	N/A	7	73	51.67	102.86
Hs.126106	10.35	17.11	0.60	chr16	N/A	8	12	15.97	23.12
Hs.29235	9.28	15.34	0.60	chr11	N/A	18	450	59.46	62.52
GPR143	9.72	16.07	0.60	chrX	Xp22.3	35	623	64.21	89.23
SMCR8	38.99	64.48	0.60	chr17	17p11.2	31	1645	108.21	90.51
CYP20A1	24.18	39.98	0.60	chr2	2q33.2	56	609	117.62	67.39
NRN1L	17.09	28.27	0.60	chr16	16q22.1	18	80	52.06	71.61
Hs.660788	9.56	15.81	0.60	chr2	N/A	7	73	80.27	93.75
CLEC10A	22.11	36.57	0.60	chr17	17p13.1	46	600	67.80	73.75
Hs.720086	7.16	11.85	0.60	chr21	N/A	7	73	57.61	71.92
Hs.659098	22.99	38.03	0.60	chr10	N/A	1	304	0.00	65.21
Hs.724030	29.40	48.63	0.60	chr2	N/A	4	304	37.00	39.90
ADRBK1	71.25	117.86	0.60	chr11	11q13.1	48	1429	159.83	147.29
Hs.745283	5.71	9.45	0.60	chr17	N/A	7	73	40.18	98.18
SMIM19	160.22	265.05	0.60	chr8	8p11.21	24	417	80.83	50.90
LOC285484	8.01	13.25	0.60	chr4	4p16.1	10	84	75.70	90.35
NRBF2	36.61	60.56	0.60	chr10	10q21.3	29	849	99.37	96.48
Hs.664280	11.12	18.39	0.60	chr11	N/A	15	450	69.62	83.48
Hs.13969	9.97	16.49	0.60	chr18	N/A	10	73	55.51	72.93
SLX4	21.67	35.85	0.60	chr16	16p13.3	27	772	92.96	73.23
Hs.560123	20.85	34.50	0.60	chr12	N/A	10	73	71.55	149.52
FANCG	47.47	78.54	0.60	chr9	9p13	30	577	79.97	105.47
Hs.127657	4.71	7.79	0.60	chr3	N/A	7	73	43.22	104.27
Hs.513875	9.29	15.37	0.60	chr17	N/A	2	22	58.77	62.27
LOC727916	9.50	15.73	0.60	chr6	6q12	19	709	53.46	82.40
PIMI1	85.76	141.92	0.60	chr6	6p21.2	47	703	100.72	117.06
USP24	36.38	60.20	0.60	chr1	1p32.3	64	1540	114.54	78.45
Hs.263209	16.34	27.05	0.60	chr18	N/A	18	405	293.66	64.11
GEMIN5	41.56	68.77	0.60	chr5	5q33.2	39	698	118.90	81.97
Hs.714521	9.12	15.10	0.60	chr10	N/A	1	304	0.00	55.68
Hs.613914	23.86	39.50	0.60	chr3	N/A	2	608	105.62	93.51
KCNQ1DN	13.96	23.11	0.60	chr11	11p15.5	35	605	249.02	103.94
LILRA4	20.82	34.46	0.60	chr19	19q13.4	30	583	130.93	78.28
Hs.116530	15.77	26.11	0.60	chr10	N/A	14	146	82.18	119.78
Hs.656426	20.51	33.96	0.60	chr7	N/A	10	399	57.18	69.77
Hs.615572	4.81	7.96	0.60	chr19	N/A	1	304	0.00	67.46
POPS	76.83	127.24	0.60	chr12	12q24.31	30	560	79.32	52.05
C19orf43	156.59	259.34	0.60	chr19	19p13.2	47	829	189.46	131.68
MX1	113.57	188.10	0.60	chr21	21q22.3	37	650	144.10	86.52
Hs.128121	12.01	19.90	0.60	chr2	N/A	11	377	58.09	49.52
Hs.445342	15.99	26.49	0.60	chr4	N/A	4	304	63.40	56.98
TMPRSS15	36.19	59.95	0.60	chr21	21q21.1	38	985	200.81	168.90
Hs.666748	5.67	9.39	0.60	chr17	N/A	2	22	1.02	47.68
RPL12	1,102.08	1,825.76	0.60	chr9	9q34	73	1804	91.19	77.64
Hs.662503	38.66	64.05	0.60	chr22	N/A	7	73	65.61	74.71
Hs.270042	9.57	15.85	0.60	chr9	N/A	7	73	75.70	213.38
EYA1	24.89	41.24	0.60	chr8	8q13.3	35	495	94.36	130.44
SEC24C	90.22	149.47	0.60	chr10	10q22.2	43	605	161.64	62.15
MIOX	39.82	65.97	0.60	chr22	22q13.3	33	531	137.38	431.74
ADC	41.46	68.70	0.60	chr1	1p35.1	30	720	223.95	86.63
KARS	311.81	516.69	0.60	chr16	16q23.1	35	1002	102.36	71.53
CNN2	104.72	173.55	0.60	chr19	19p13.3	38	571	106.99	102.44
ADAD2	28.06	46.49	0.60	chr16	16q24.1	26	458	150.32	244.82
KRIT1	39.82	65.99	0.60	chr7	7q21.2	85	2028	141.27	90.44
C14orf182	11.16	18.50	0.60	chr14	14q21.3	15	641	33.52	108.24

IL12RB1	17.38	28.81	0.60	chr19	19p13.1	44	1129	77.65	80.13
FOXN3-AS2	13.00	21.55	0.60	chr14	14q32.11	18	448	121.14	94.37
C19orf48	35.81	59.36	0.60	chr19	19q13.33	32	481	91.03	119.98
Hs.561762	6.86	11.37	0.60	chr7	N/A	10	73	64.56	104.59
Hs.131371	9.74	16.15	0.60	chr11	N/A	10	73	44.22	107.62
GPR125	29.92	49.60	0.60	chr4	4p15.2	60	956	117.05	139.21
KRTAP4-2	19.03	31.55	0.60	chr17	17q12-q21	19	384	86.04	75.12
TMEM144	24.13	40.01	0.60	chr4	4q32.1	42	1626	121.60	376.33
OXGR1	8.95	14.85	0.60	chr13	13q32.1	34	464	93.49	94.46
PLXNA2	32.75	54.31	0.60	chr1	1q32.2	75	1612	174.06	95.88
PTPRU	42.05	69.75	0.60	chr1	1p35.3	35	625	92.46	67.32
RCCD1	43.48	72.12	0.60	chr15	15q26.1	42	850	78.76	122.94
Hs.600269	6.50	10.78	0.60	chr7	N/A	1	304	0.00	64.23
C6orf10	10.89	18.06	0.60	chr6	6p21.3	50	622	94.23	208.45
Hs.130307	7.79	12.93	0.60	chr2	N/A	14	146	65.92	97.25
ADAMTS16	17.84	29.59	0.60	chr5	5p15	38	569	151.65	115.79
Hs.602404	6.81	11.30	0.60	chr14	N/A	3	66	68.68	72.10
IGLL1	60.14	99.77	0.60	chr22	22q11.23	51	652	286.41	369.49
USP48	42.55	70.60	0.60	chr1	1p36.12	102	2327	79.05	109.18
Hs.116208	6.70	11.12	0.60	chr18	N/A	7	73	90.21	104.78
LOC100506114	16.85	27.96	0.60	chr19	N/A	1	304	0.00	103.44
LOC100996563	8.01	13.29	0.60	chr17	N/A	3	66	51.77	110.98
MCMBP	33.70	55.91	0.60	chr10	10q26.11	37	1214	72.97	79.83
NHLRC1	15.59	25.87	0.60	chr6	6p22.3	8	52	49.16	70.56
Hs.130027	6.42	10.65	0.60	chr9	N/A	7	73	109.14	103.80
Hs.7004	10.20	16.93	0.60	chr7	N/A	4	304	48.11	53.21
LOC100289058	19.58	32.50	0.60	chr13	13q14.11	11	336	38.06	60.23
LOC100507254	8.44	14.00	0.60	chr6	N/A	36	810	72.04	67.38
Hs.602277	7.20	11.95	0.60	chr7	N/A	1	304	0.00	94.60
SCAMP1	55.35	91.85	0.60	chr5	5q14.1	83	2738	199.17	108.63
ZPLD1	5.79	9.61	0.60	chr3	3q12.3	15	636	48.96	72.96
Hs.666827	8.01	13.30	0.60	chr9	N/A	7	73	30.24	92.40
PCGF1	44.87	74.48	0.60	chr2	2p13.1	37	1048	64.32	68.77
LINC00599	19.43	32.25	0.60	chr8	8p23.1	52	998	160.86	88.52
Hs.731745	31.09	51.61	0.60	chr10	N/A	8	377	47.81	44.90
MIS18BP1	21.72	36.06	0.60	chr14	14q21.2	63	1440	114.47	194.00
Hs.657310	27.04	44.88	0.60	chr16	N/A	1	304	0.00	33.06
PTPRN	32.30	53.62	0.60	chr2	2q35-q36.1	35	613	197.56	144.16
LOC100506516	9.98	16.56	0.60	chr7	N/A	10	28	85.21	27.54
PDIA3	305.41	507.00	0.60	chr15	15q15	62	1083	166.28	160.26
Hs.634042	16.13	26.78	0.60	chr1	N/A	8	377	111.22	49.57
MIR4500HG	7.45	12.37	0.60	chr13	13q31.2	8	380	94.12	67.83
Hs.714138	54.12	89.84	0.60	chr17	N/A	15	87	53.29	50.60
Hs.705981	21.49	35.68	0.60	chr4	N/A	14	146	151.43	98.91
CD70	19.34	32.11	0.60	chr19	19p13	37	640	105.38	77.29
TAS2R3	6.44	10.69	0.60	chr7	7q31.3-q32	21	459	64.91	112.04
Hs.710145	12.17	20.20	0.60	chr5	N/A	8	377	94.38	126.70
GK	17.60	29.23	0.60	chrX	Xp21.3	85	2769	91.42	103.47
SYN3	9.96	16.53	0.60	chr22	22q12.3	33	572	77.75	67.35
Hs.546021	9.76	16.21	0.60	chrX	N/A	10	73	56.85	46.83
Hs.561236	7.55	12.54	0.60	chr4	N/A	2	22	86.64	76.89
DRD5	25.12	41.71	0.60	chr4	4p16.1	33	522	221.52	93.16
Hs.656808	51.37	85.30	0.60	chr1	N/A	32	596	103.09	155.67
Hs.639009	5.73	9.51	0.60	chr2	N/A	10	28	56.95	41.21
Hs.658975	95.33	158.31	0.60	chr5	N/A	7	73	118.34	179.12
HOTAIR	5.15	8.55	0.60	chr12	12q13.13	14	332	62.16	119.04
LINC00690	5.59	9.28	0.60	chr3	N/A	21	405	84.29	188.47
Hs.147439	5.93	9.85	0.60	chr1	N/A	2	22	7.63	71.99
LOC100506860	10.99	18.25	0.60	chr7	N/A	9	681	73.94	80.57
PRG4	36.63	60.85	0.60	chr1	1q25-q31	36	686	127.49	618.18
Hs.708183	85.01	141.21	0.60	chr2	N/A	5	420	115.40	51.34
Hs.538854	4.33	7.19	0.60	chr11	N/A	6	66	43.23	109.96
TMEM257	6.09	10.11	0.60	chrX	Xq27.3	23	492	74.92	80.01
Hs.94680	8.58	14.25	0.60	chr12	N/A	9	681	68.97	55.34
LRRC18	13.57	22.54	0.60	chr10	10q11.23	36	486	64.94	70.22
Hs.527876	8.77	14.58	0.60	chr12	N/A	4	304	34.61	67.08
Hs.721177	9.90	16.45	0.60	chr7	N/A	7	73	99.62	78.51
Hs.179238	11.43	19.00	0.60	chr8	N/A	7	73	65.13	81.04
RIIAD1	28.42	47.22	0.60	chr1	1q21.3	8	402	92.59	171.87
Hs.660667	45.14	75.02	0.60	chr3	N/A	1	304	0.00	135.84
SRC	17.66	29.36	0.60	chr20	20q12-q13	77	2885	104.07	108.74
RXFP4	26.46	43.99	0.60	chr1	1q22	18	80	118.61	80.94
MFAP1	95.26	158.34	0.60	chr15	15q15-q21	30	577	43.63	41.06
N4BP2L2	85.52	142.15	0.60	chr13	13q13.1	117	3388	120.59	119.67
Hs.662638	6.00	9.98	0.60	chr14	N/A	3	66	6.14	89.76
Hs.658106	80.81	134.34	0.60	chr6	N/A	9	95	109.29	76.10
HKDC1	11.83	19.67	0.60	chr10	10q22.1	52	1648	96.27	101.80
EMR1	22.30	37.08	0.60	chr19	19p13.3	30	561	68.17	89.99
Hs.731912	26.95	44.80	0.60	chr2	N/A	1	304	0.00	53.13
Hs.678314	4.26	7.08	0.60	chr21	N/A	1	304	0.00	62.49
TSHZ1	80.05	133.10	0.60	chr18	18q22.3	34	846	70.67	69.48
CD37	60.71	100.96	0.60	chr19	19q13.3	40	658	169.43	197.43
UNQ6494	5.75	9.57	0.60	chr9	9q22.2	10	28	41.37	36.80
PUM1	157.52	261.99	0.60	chr1	1p35.2	66	1546	121.51	60.11
Hs.669080	5.64	9.39	0.60	chr7	N/A	1	304	0.00	75.07
LOC100996486	11.43	19.02	0.60	chr1	N/A	1	304	0.00	52.45
C1orf191	70.45	117.18	0.60	chr1	1p32.3	1	304	0.00	46.70
CATSPERB	8.17	13.60	0.60	chr14	14q32.12	32	829	61.99	82.49
Hs.661695	48.69	80.99	0.60	chr7	N/A	1	304	0.00	32.20
Hs.129963	5.14	8.56	0.60	chr9	N/A	10	73	82.56	78.96
Hs.664681	23.09	38.41	0.60	chr2	N/A	7	73	39.44	117.89
KRT34	8.44	14.04	0.60	chr17	17q21.2	30	565	56.45	256.27
Hs.145125	7.54	12.55	0.60	chr22	N/A	7	73	62.19	94.16

Hs.515376	8.62	14.34	0.60	chr19	N/A	14	398	84.66	382.02
TAS2R14	13.36	22.24	0.60	chr12	12p13	48	1344	109.49	78.93
Hs.298335	9.86	16.40	0.60	chr4	N/A	5	22	58.17	69.71
Hs.116150	10.44	17.38	0.60	chr13	N/A	8	377	66.42	55.23
LONP2	53.96	89.80	0.60	chr16	16q12.1	63	1363	119.86	81.03
MAP9	26.90	44.77	0.60	chr4	4q32.1	61	1636	161.60	131.83
MCPH1	12.94	21.53	0.60	chr8	8p23.1	66	2062	110.59	68.90
AGFG2	22.31	37.12	0.60	chr7	7q22.1	73	2713	93.60	165.84
Hs.604281	10.06	16.74	0.60	chr6	N/A	7	73	65.41	100.11
Hs.657744	24.78	41.25	0.60	chr14	N/A	1	304	0.00	70.16
Hs.743670	10.78	17.94	0.60	chr17	N/A	14	146	112.81	153.39
Hs.659560	5.63	9.37	0.60	chr1	N/A	7	73	60.87	75.64
C19orf25	34.19	56.91	0.60	chr19	19p13.3	49	881	98.13	83.44
Hs.634713	6.79	11.30	0.60	chr2	N/A	7	73	55.00	103.33
TUBB	462.12	769.20	0.60	chr6	6p21.33	91	1639	175.54	80.70
Hs.207074	9.19	15.30	0.60	chr9	N/A	12	316	40.70	57.48
LIMD1-AS1	30.76	51.21	0.60	chr3	3p21.31	8	377	84.60	61.36
SPARCL1	777.22	1,293.78	0.60	chr4	4q22.1	50	678	112.68	108.64
Hs.576579	7.01	11.67	0.60	chr10	N/A	8	12	14.31	78.66
CCBL2	53.90	89.72	0.60	chr1	1p22.2	73	1046	91.47	74.74
Hs.664838	11.76	19.57	0.60	chr7	N/A	7	73	70.92	78.66
URB2	25.39	42.27	0.60	chr1	1q42.13	30	564	77.59	44.44
MYBL1	18.71	31.15	0.60	chr8	8q22	72	1426	128.47	142.41
ABHD6	30.66	51.04	0.60	chr3	3p14.3	57	1939	71.84	106.34
C1GALT1	34.79	57.92	0.60	chr7	7p21.3	47	1259	101.47	97.92
Hs.130154	6.12	10.19	0.60	chr2	N/A	2	22	9.04	56.40
UBTD2	72.10	120.03	0.60	chr5	5q35.1	52	917	257.87	59.79
Hs.659436	12.36	20.59	0.60	chr18	N/A	8	377	50.61	69.33
Hs.640573	15.30	25.48	0.60	chr2	N/A	13	28	53.03	96.25
LOC100133039	29.78	49.58	0.60	chr3	3p25.2	11	332	40.16	35.42
Hs.89303	15.26	25.41	0.60	chr3	N/A	7	73	82.58	59.21
Hs.559693	6.51	10.84	0.60	chr1	N/A	7	73	24.64	101.64
Hs.597192	22.91	38.15	0.60	chr10	N/A	7	73	107.27	72.38
OR52A5	30.74	51.19	0.60	chr11	11p15.4	11	52	71.72	94.36
Hs.664587	70.18	116.89	0.60	chr2	N/A	7	73	108.20	59.54
KLF15	61.78	102.91	0.60	chr3	3q21.3	32	792	97.36	98.80
MAP6	26.26	43.74	0.60	chr11	11q13.5	63	1692	96.06	100.94
Hs.658026	2.92	4.86	0.60	chr17	N/A	8	12	39.01	27.45
COL12A1	49.20	81.96	0.60	chr6	6q12-q13	43	1701	101.35	202.45
IRS1	41.14	68.54	0.60	chr2	2q36	48	1087	87.52	120.74
Hs.135227	7.57	12.61	0.60	chr17	N/A	4	370	59.52	53.67
FCGR2C	29.43	49.03	0.60	chr1	1q23.3	26	1311	113.87	136.53
HRH4	8.65	14.41	0.60	chr18	18q11.2	26	873	84.47	84.79
CARS	69.71	116.16	0.60	chr11	11p15.5	46	1960	91.73	127.05
Hs.598194	22.80	38.00	0.60	chr2	N/A	7	73	63.90	85.09
Hs.666541	10.57	17.61	0.60	chr12	N/A	7	73	60.39	111.70
SVOPL	10.55	17.59	0.60	chr7	7q34	28	516	74.25	96.71
Hs.634621	9.12	15.21	0.60	chr5	N/A	8	377	76.44	73.11
KIAA1107	16.34	27.24	0.60	chr1	1p22.1	48	932	252.31	127.80
Hs.639476	7.56	12.60	0.60	chr14	N/A	7	73	48.82	87.81
Hs.675458	11.10	18.50	0.60	chr10	N/A	1	304	0.00	73.21
KRT22	11.17	18.62	0.60	chr17	17q21.2	27	769	70.47	107.78
Hs.553866	5.63	9.39	0.60	chr11	N/A	4	304	23.23	60.84
LOC390760	7.51	12.53	0.60	chr17	17p13.1	13	28	61.48	31.72
C2orf88	30.38	50.63	0.60	chr2	2q32.2	40	801	150.18	125.96
SLC2A3	79.40	132.35	0.60	chr12	12p13.3	50	1457	225.57	160.65
Hs.568660	2.80	4.66	0.60	chr1	N/A	1	304	0.00	66.37
Hs.737539	3.74	6.23	0.60	chr9	N/A	1	304	0.00	50.73
GJA1	362.62	604.53	0.60	chr6	6q22.31	39	644	158.60	153.73
Hs.662386	13.12	21.87	0.60	chr18	N/A	3	320	38.03	72.47
Hs.658005	14.02	23.38	0.60	chr2	N/A	1	304	0.00	66.73
IL13RA2	15.31	25.53	0.60	chrX	Xq13.1-q28	30	572	149.64	197.76
EEF2K	93.10	155.22	0.60	chr16	16p12.2	37	790	148.66	68.90
TOX3	14.37	23.96	0.60	chr16	16q12.1	51	1740	147.44	130.31
Hs.663901	11.88	19.81	0.60	chr16	N/A	14	146	77.48	79.80
AGBL1	11.32	18.88	0.60	chr15	15q25.3	20	335	46.33	109.55
CABP1	15.09	25.17	0.60	chr12	12q24.31	46	1410	174.99	187.27
CNST	37.18	62.00	0.60	chr1	1q44	56	1657	120.29	99.35
HTRA4	14.45	24.10	0.60	chr8	8p11.22	24	436	151.88	437.36
ALAD	48.80	81.41	0.60	chr9	9q33.1	58	1090	110.10	109.69
Hs.553319	8.74	14.58	0.60	chr10	N/A	10	73	73.73	118.74
Hs.368810	4.53	7.55	0.60	chr3	N/A	7	73	51.18	84.89
Hs.636851	4.86	8.12	0.60	chr12	N/A	4	326	28.56	71.26
Hs.703467	18.93	31.59	0.60	chr19	N/A	21	370	39.32	82.11
OR51B4	6.67	11.13	0.60	chr11	11p15	17	332	44.22	75.93
AGPAT1	123.99	206.88	0.60	chr6	6p21.3	56	1069	89.49	67.71
GPR124	54.80	91.43	0.60	chr8	8p11.23	45	1045	79.83	77.98
BTG4	7.16	11.94	0.60	chr11	11q23	24	779	64.20	150.59
C11orf71	44.18	73.72	0.60	chr11	11q23.2	39	865	62.71	152.51
Hs.148699	7.23	12.06	0.60	chr4	N/A	5	22	54.16	96.24
MKI67	23.56	39.31	0.60	chr10	10q26.2	54	1939	134.65	103.44
Hs.633632	12.28	20.50	0.60	chr6	N/A	7	73	74.80	86.41
TMEM68	25.76	42.98	0.60	chr8	8q12.1	41	874	61.41	96.31
Hs.708604	40.96	68.35	0.60	chr1	N/A	1	304	0.00	41.66
CDK12	31.43	52.45	0.60	chr17	17q12	62	2172	86.55	73.70
LOC100506115	26.64	44.46	0.60	chr20	N/A	15	450	70.38	248.05
TATDN1	59.36	99.06	0.60	chr8	8q24.13	39	497	71.53	61.23
Hs.604433	7.05	11.77	0.60	chr6	N/A	7	73	107.15	91.26
Hs.601021	15.00	25.04	0.60	chr3	N/A	7	73	69.56	328.77
GUCY1B3	40.12	66.95	0.60	chr4	4q31.3-q33	35	996	82.86	88.51
SEC31B	32.11	53.60	0.60	chr10	10q24.31	32	570	91.89	104.33
Hs.661289	19.18	32.01	0.60	chr10	N/A	11	332	43.03	83.70
Hs.55295	23.03	38.44	0.60	chr12	N/A	4	304	26.03	50.05

Hs.662784	16.26	27.15	0.60	chr1	N/A	10	28	35.93	45.17
Hs.23298	6.72	11.21	0.60	chr13	N/A	10	73	52.97	70.36
Hs.597508	13.32	22.23	0.60	chr5	N/A	8	377	79.98	60.67
AMBN	11.98	19.99	0.60	chr4	4q21	30	453	48.60	76.48
Hs.617723	18.13	30.27	0.60	chr4	N/A	9	28	125.30	50.37
TRIP10	102.22	170.69	0.60	chr19	19p13.3	30	574	82.28	90.97
RNF167	113.66	189.80	0.60	chr17	17p13.2	40	600	92.73	71.04
Hs.370423	7.91	13.21	0.60	chr3	N/A	1	304	0.00	75.09
KDELR3	43.29	72.30	0.60	chr22	22q13.1	46	1438	63.50	107.62
CD5L	18.10	30.22	0.60	chr1	1q21-q23	35	620	142.99	267.31
Hs.545945	5.82	9.72	0.60	chrX	N/A	7	73	52.27	92.50
GXYLT2	56.94	95.10	0.60	chr3	3p13	6	320	122.16	81.18
Hs.570432	7.52	12.56	0.60	chr21	N/A	7	73	69.40	75.37
Hs.580781	8.16	13.63	0.60	chr20	N/A	14	377	84.11	70.87
GABARAP	710.27	1,186.53	0.60	chr17	17p13.1	30	565	118.86	72.86
TLK1	22.53	37.63	0.60	chr2	2q31.1	74	2576	169.00	142.08
WSCD1	19.61	32.77	0.60	chr17	17p13.2	35	984	94.91	112.14
Hs.570163	6.81	11.38	0.60	chr2	N/A	2	22	23.52	80.71
PES1	34.73	58.02	0.60	chr22	22q12.1	40	605	73.87	57.72
Hs.544887	9.55	15.95	0.60	chr7	N/A	10	73	70.79	93.03
FN1	409.72	684.59	0.60	chr2	2q34	169	3447	241.05	173.29
Hs.489722	9.63	16.09	0.60	chr7	N/A	1	304	0.00	72.24
Hs.271003	7.32	12.24	0.60	chr12	N/A	7	73	59.12	107.39
ADCK4	27.53	46.00	0.60	chr19	19q13.2	53	1055	98.20	117.18
LOC644838	11.75	19.64	0.60	chr2	2p14	16	73	69.99	131.56
KDM1A	84.62	141.40	0.60	chr1	1p36.12	44	718	103.28	98.64
AQP4	50.93	85.11	0.60	chr18	18q11.2-q12.1	72	2315	382.42	545.27
ANKRD34C	9.91	16.56	0.60	chr15	15q25.1	17	532	56.97	70.83
Hs.661324	11.53	19.27	0.60	chr4	N/A	15	450	87.02	70.47
Hs.602357	25.21	42.13	0.60	chr5	N/A	14	146	60.81	50.79
Hs.659603	12.58	21.02	0.60	chr3	N/A	7	73	30.45	65.44
VAV2	22.27	37.23	0.60	chr9	9q34.1	53	1391	98.81	103.61
Hs.604577	33.26	55.59	0.60	chr8	N/A	7	73	98.70	109.22
Hs.129385	9.00	15.05	0.60	chr4	N/A	10	73	70.21	89.53
APOBEC1	14.90	24.91	0.60	chr12	12p13.1	35	617	110.95	131.32
WNT16	11.17	18.68	0.60	chr7	7q31	25	755	131.94	118.06
Hs.385722	4.64	7.77	0.60	chr1	N/A	1	304	0.00	53.36
Hs.156918	8.88	14.85	0.60	chr10	N/A	4	304	28.86	55.01
Hs.669024	10.78	18.03	0.60	chr19	N/A	1	304	0.00	78.73
Hs.657741	15.76	26.36	0.60	chr12	N/A	8	377	34.53	119.67
MEGF11	12.85	21.49	0.60	chr15	15q22.31	42	1403	78.09	114.30
RGPD5	69.15	115.63	0.60	chr2	2q13	84	1803	155.40	134.53
NETO2	20.42	34.15	0.60	chr16	16q11	41	908	86.81	90.40
MVB12A	53.99	90.29	0.60	chr19	19p13.11	26	468	149.89	99.97
CPA5	17.07	28.54	0.60	chr7	7q32	19	354	48.32	388.16
PI4KB	88.87	148.64	0.60	chr1	1q21	66	1563	81.69	72.05
ST13	255.18	426.84	0.60	chr22	22q13.2	127	1724	134.62	120.31
Hs.592921	28.08	46.97	0.60	chr18	N/A	8	377	111.38	63.15
PROKR1	19.26	32.22	0.60	chr2	2p13.1	18	84	54.42	78.64
KAT7	75.09	125.62	0.60	chr17	17q21.32	42	690	80.15	81.01
Hs.595280	9.31	15.58	0.60	chr14	N/A	1	304	0.00	72.70
Hs.733359	173.01	289.46	0.60	chr1	N/A	7	73	147.06	182.95
ANO1	31.57	52.82	0.60	chr11	11q13.3	52	889	106.99	153.12
AKAP9	45.74	76.54	0.60	chr7	7q21-q22	73	1546	125.16	104.94
KRTAP8-1	17.61	29.46	0.60	chr21	21q22.1	20	436	47.97	68.59
NGFRAP1	776.81	1,300.09	0.60	chrX	Xq22.2	42	550	78.64	87.31
Hs.660969	9.74	16.30	0.60	chr6	N/A	14	146	51.91	93.38
Hs.501684	17.58	29.43	0.60	chr11	N/A	1	304	0.00	50.13
PCSK7	45.16	75.59	0.60	chr11	11q23-q24	48	937	101.80	73.49
RSPO1	12.33	20.65	0.60	chr1	1p34.3	27	361	253.67	93.55
SYT1	61.07	102.24	0.60	chr12	12cen-q21	50	1128	223.03	413.62
HORMAD2	17.31	28.97	0.60	chr22	22q12.2	22	710	188.94	105.83
TTTY6	11.43	19.14	0.60	chrY	Yq11.223	19	384	95.53	92.60
Hs.436880	5.35	8.95	0.60	chr5	N/A	1	304	0.00	61.95
NDNL2	43.84	73.40	0.60	chr15	15q13.1	53	598	84.75	71.30
CSGALNACT2	53.35	89.33	0.60	chr10	10q11.21	53	1410	183.27	156.03
Hs.667809	12.22	20.46	0.60	chr17	N/A	7	73	45.40	105.59
SCARA3	33.29	55.74	0.60	chr8	8p21	60	1314	95.09	101.49
Hs.656907	16.23	27.17	0.60	chr4	N/A	1	304	0.00	85.90
RLN2	14.22	23.81	0.60	chr9	9p24.1	33	567	107.80	82.88
CNPY2	84.13	140.90	0.60	chr12	12q15	58	1834	91.68	89.28
Hs.597301	14.97	25.07	0.60	chr2	N/A	7	73	89.65	60.62
Hs.596718	8.14	13.64	0.60	chr15	N/A	7	73	38.82	118.50
Hs.733229	7.89	13.21	0.60	chr11	N/A	8	377	61.44	140.53
Hs.119922	8.57	14.35	0.60	chr12	N/A	11	377	109.89	85.39
Hs.655745	9.04	15.15	0.60	chr3	N/A	7	73	38.50	72.32
YWHAQ	376.67	630.97	0.60	chr2	2p25.1	71	723	94.01	61.34
ZNF638	126.11	211.26	0.60	chr2	2p13.1	49	1684	183.83	109.99
IARS	148.34	248.49	0.60	chr9	9q21	45	701	129.83	72.13
PHAX	112.98	189.28	0.60	chr5	5q23.2	45	1173	202.92	323.41
CKMT1A	34.23	57.35	0.60	chr15	15q15	2	39	35.33	80.92
Hs.594543	22.12	37.05	0.60	chr12	N/A	17	101	48.47	76.86
TNF	22.10	37.03	0.60	chr6	6p21.3	67	849	82.05	79.72
LOC441086	16.82	28.18	0.60	chr5	5q13.3	4	304	42.26	41.23
CDH6	14.85	24.88	0.60	chr5	5p13.3	103	2787	100.73	103.55
C5orf56	58.19	97.49	0.60	chr5	5q31.1	21	1317	74.70	78.58
Hs.659581	7.83	13.12	0.60	chr9	N/A	7	73	78.45	78.38
Hs.298069	19.91	33.37	0.60	chr7	N/A	7	73	93.36	72.75
Hs.699811	21.92	36.72	0.60	chr16	N/A	7	73	67.36	68.36
Hs.597327	15.67	26.26	0.60	chr17	N/A	8	377	44.94	73.26
Hs.666921	8.06	13.51	0.60	chr12	N/A	7	73	31.50	90.10
SLC25A27	22.85	38.28	0.60	chr6	6p12.3	37	1367	56.54	95.48
Hs.134705	6.08	10.19	0.60	chr11	N/A	7	73	51.19	93.36

IFNE	7.98	13.38	0.60	chr9	9p21.3	20	332	127.52	56.64
Hs.713884	18.46	30.94	0.60	chr11	N/A	7	73	77.60	68.94
PIN4	54.67	91.65	0.60	chrX	Xq13	50	1888	100.46	77.33
Hs.32043	6.04	10.13	0.60	chr2	N/A	26	639	50.84	67.80
RAI1	50.80	85.16	0.60	chr17	17p11.2	58	1258	96.71	116.77
Hs.731777	39.94	66.95	0.60	chr6	N/A	7	73	76.20	43.77
Hs.131187	5.18	8.68	0.60	chr4	N/A	10	73	29.79	122.30
LAS1L	48.27	80.93	0.60	chrX	Xq12	31	876	89.63	84.69
Hs.633492	4.69	7.86	0.60	chr6	N/A	4	304	38.10	70.51
LINC00662	15.75	26.42	0.60	chr19	19q11	25	1035	97.91	70.50
Hs.539908	10.11	16.95	0.60	chr14	N/A	5	22	59.35	94.14
Hs.734300	5.30	8.89	0.60	chr20	N/A	3	66	88.20	83.47
Hs.664757	6.62	11.11	0.60	chr11	N/A	7	73	59.34	80.62
MBLAC2	20.61	34.56	0.60	chr5	5q14.3	30	764	112.81	130.83
AGAP1	42.17	70.72	0.60	chr2	2q37	64	1405	126.11	95.07
Hs.542905	6.05	10.15	0.60	chr3	N/A	10	73	44.50	126.31
MBD4	64.07	107.46	0.60	chr3	3q21.3	52	1910	130.22	121.77
CSTL1	7.51	12.60	0.60	chr20	20p11.21	19	385	63.51	81.99
DACT1	28.23	47.35	0.60	chr14	14q23.1	44	555	133.92	76.58
FLYWCH1	36.52	61.25	0.60	chr16	16p13.3	48	1208	163.12	78.33
LAMTOR4	99.72	167.28	0.60	chr7	7q22.1	21	450	99.25	59.40
Hs.112880	9.97	16.73	0.60	chr10	N/A	10	73	82.78	94.69
Hs.709419	30.76	51.61	0.60	chr1	N/A	7	73	71.17	46.87
Hs.539813	17.82	29.89	0.60	chr13	N/A	7	73	73.41	87.38
FAM181B	17.89	30.02	0.60	chr11	11q14.1	31	1021	101.48	172.97
SBN01	29.37	49.28	0.60	chr12	12q24.31	84	2463	99.68	98.98
PPOX	50.51	84.75	0.60	chr1	1q22	47	678	62.99	68.23
Hs.569405	5.87	9.85	0.60	chr14	N/A	8	377	91.47	60.02
ATOH1	8.48	14.23	0.60	chr4	4q22	21	455	107.66	71.84
Hs.660994	8.89	14.92	0.60	chr10	N/A	7	73	47.95	128.45
Hs.659902	12.23	20.52	0.60	chr13	N/A	7	73	90.65	71.61
NIPBL	46.09	77.35	0.60	chr5	5p13.2	100	2484	198.46	84.10
Hs.657480	14.38	24.14	0.60	chr10	N/A	10	28	70.91	33.07
ZNF700	38.97	65.40	0.60	chr19	19p13.2	38	537	109.43	283.77
SLC45A3	95.81	160.80	0.60	chr1	1q32.1	33	839	220.41	280.88
Hs.710942	19.39	32.55	0.60	chr2	N/A	1	304	0.00	55.23
PFN3	11.23	18.85	0.60	chr5	5q35.3	15	80	116.62	200.60
AKAP14	9.12	15.31	0.60	chrX	Xq24	39	1086	67.18	245.97
IRF2BPL	116.18	195.05	0.60	chr14	14q24.3	45	424	133.85	147.31
N4BP2L2-IT2	11.00	18.46	0.60	chr13	13q13.1	7	459	97.93	63.58
RMDN2	17.78	29.86	0.60	chr2	2p22.2	44	1177	57.14	100.74
IRS4	14.39	24.16	0.60	chrX	Xq22.3	23	495	104.20	64.47
LOC100499227	13.66	22.93	0.60	chr11	11q23	3	326	28.33	50.65
WRN	28.95	48.61	0.60	chr8	8p12	128	837	68.14	74.79
Hs.408470	146.85	246.57	0.60	chr2	N/A	14	146	126.25	151.03
Hs.678315	17.62	29.59	0.60	chr10	N/A	1	304	0.00	51.77
MOC53	18.83	31.62	0.60	chr20	20q13.13	30	577	60.26	48.32
Hs.732058	49.67	83.40	0.60	chr2	N/A	7	73	102.17	160.49
SRCIN1	23.87	40.08	0.60	chr17	17q12	33	1040	100.40	175.47
ELOVL3	18.66	31.33	0.60	chr10	10q24.32	19	384	145.69	235.40
Hs.121623	6.53	10.97	0.60	chr20	N/A	4	304	56.69	71.52
STYXL1	44.44	74.62	0.60	chr7	7q11.23	31	1754	92.27	69.60
FAM133B	67.30	113.02	0.60	chr7	7q21.2	68	866	117.97	94.39
CAMK2N2	26.80	45.01	0.60	chr3	3q27.1	29	814	100.36	96.30
Hs.667482	7.02	11.80	0.60	chr1	N/A	7	73	53.46	169.70
AKR1A1	152.75	256.56	0.60	chr1	1p33-p32	47	649	99.32	100.53
Hs.603012	43.07	72.36	0.60	chr10	N/A	14	146	91.47	87.82
Hs.673744	6.59	11.07	0.60	chr3	N/A	1	304	0.00	75.73
CD27	34.40	57.79	0.60	chr12	12p13	30	573	106.43	134.25
Hs.597703	8.07	13.56	0.60	chr1	N/A	11	332	50.78	87.93
SLITRK1	16.46	27.66	0.60	chr13	13q31.1	39	492	141.39	135.31
LRRC57	30.65	51.51	0.60	chr15	15q15.2	36	497	73.03	75.16
Hs.709551	12.91	21.69	0.60	chr14	N/A	7	73	95.31	89.31
Hs.659310	15.06	25.30	0.60	chr18	N/A	4	370	98.06	78.43
C2orf62	18.07	30.37	0.60	chr2	2q35	10	115	117.92	81.50
SLC41A2	18.77	31.54	0.59	chr12	12q23.3	34	848	136.20	104.85
BB51	44.70	75.13	0.59	chr11	11q13	47	1260	122.98	117.08
Hs.587403	6.59	11.08	0.59	chr6	N/A	10	73	44.85	142.02
RNF112	29.30	49.25	0.59	chr17	17p11.2	24	447	59.28	124.37
LPCAT2	23.78	39.96	0.59	chr16	16q12.2	60	1618	128.73	122.26
GPR141	10.13	17.03	0.59	chr7	7p14.1	21	80	98.13	52.24
Hs.380659	8.67	14.57	0.59	chr12	N/A	7	73	84.52	136.11
Hs.597962	17.75	29.83	0.59	chr8	N/A	4	304	56.49	49.49
PRKD2	76.16	128.03	0.59	chr19	19q13.3	39	1294	105.31	102.39
HMP19	19.20	32.28	0.59	chr5	5q35.2	28	531	99.26	182.99
Hs.665339	9.97	16.76	0.59	chr7	N/A	7	73	59.03	78.40
Hs.662591	10.95	18.41	0.59	chr10	N/A	8	377	47.62	85.91
KRTAP9-4	15.93	26.78	0.59	chr17	17q12-q21	26	497	64.39	137.37
LOC339803	20.11	33.81	0.59	chr2	2p15	38	874	80.12	93.50
Hs.709480	12.40	20.85	0.59	chr12	N/A	11	377	82.58	57.85
Hs.435289	35.01	58.87	0.59	chr22	N/A	1	304	0.00	163.72
Hs.552946	9.54	16.04	0.59	chr15	N/A	1	304	0.00	49.10
GMPS	69.72	117.25	0.59	chr3	3q24	20	504	39.90	121.27
CHERP	57.67	96.99	0.59	chr19	19p13.1	45	1025	51.57	80.81
FOXQ1	142.56	239.76	0.59	chr6	6p25	27	365	167.33	123.37
DEC1	7.60	12.78	0.59	chr9	9q32	31	481	42.52	70.50
FBXL6	18.01	30.29	0.59	chr8	8q24.3	39	909	92.91	71.03
KAT5	73.98	124.42	0.59	chr11	11q13	54	1443	95.59	45.48
Hs.538731	9.37	15.75	0.59	chr12	N/A	7	73	70.33	85.67
Hs.745106	55.55	93.44	0.59	chr10	N/A	7	73	74.85	36.18
SSX3	14.41	24.23	0.59	chrX	Xp11.23	56	2253	78.00	136.26
HLA-DMA	150.56	253.28	0.59	chr6	6p21.3	33	532	117.39	99.53
AK9	12.82	21.56	0.59	chr6	6q21	71	1257	86.82	78.67

NDFIP2-AS1	6.34	10.67	0.59	chr13	N/A	2	22	31.77	78.31
Hs.112799	6.57	11.05	0.59	chr8	N/A	7	73	62.61	123.44
Hs.150083	6.25	10.52	0.59	chr17	N/A	7	73	53.47	91.27
Hs.603972	10.01	16.84	0.59	chr10	N/A	7	73	67.34	96.86
SLC22A6	23.93	40.27	0.59	chr11	11q12.3	38	995	108.45	614.06
Hs.146724	8.93	15.02	0.59	chr16	N/A	10	73	97.52	69.15
Hs.597885	12.21	20.55	0.59	chr1	N/A	5	51	111.03	94.18
CLUL1	10.37	17.45	0.59	chr18	18p11.32	32	492	133.99	66.63
Hs.150064	7.49	12.60	0.59	chr5	N/A	29	596	60.68	87.71
Hs.705638	60.32	101.52	0.59	chr5	N/A	7	73	69.92	90.22
EHMT2	27.18	45.75	0.59	chr6	6p21.31	67	1730	76.61	84.96
INHBB	63.35	106.62	0.59	chr2	2cen-q13	39	666	150.46	115.18
Hs.734211	10.64	17.92	0.59	chr3	N/A	2	22	49.83	63.26
UAP1	117.79	198.24	0.59	chr1	1q23.3	41	723	191.22	160.09
Hs.86761	4.89	8.22	0.59	chr10	N/A	1	304	0.00	65.83
C3orf36	8.22	13.84	0.59	chr3	3q22.1	21	448	104.09	77.45
Hs.658806	7.27	12.24	0.59	chr2	N/A	7	73	39.77	60.92
LOC100506718	16.97	28.56	0.59	chr14	N/A	10	399	121.23	91.37
TIPIN	18.55	31.22	0.59	chr15	15q22.31	28	533	82.29	125.99
CTSH	225.62	379.80	0.59	chr15	15q25.1	33	577	78.79	82.02
TDP1	21.11	35.54	0.59	chr14	14q32.11	61	1426	129.90	93.71
ST6GAL1	63.37	106.68	0.59	chr3	3q27-q28	86	1526	179.64	196.63
SP110	64.01	107.77	0.59	chr2	2q37.1	69	2292	88.75	117.90
OSBP2	20.33	34.22	0.59	chr22	22q12.2	54	1310	107.87	128.19
Hs.602667	6.78	11.41	0.59	chr12	N/A	14	146	76.14	83.64
INTS5	47.97	80.79	0.59	chr11	11q12.3	33	952	92.77	47.52
Hs.741864	8.01	13.49	0.59	chr12	N/A	7	73	59.07	61.32
CPSF3	45.73	77.00	0.59	chr2	2p25.1	19	396	54.61	75.40
Hs.444059	16.62	27.99	0.59	chr11	N/A	4	304	21.51	36.97
Hs.658052	26.43	44.51	0.59	chr3	N/A	14	146	187.72	65.49
Hs.658605	18.79	31.65	0.59	chr1	N/A	9	681	85.77	85.87
Hs.664301	6.86	11.56	0.59	chr3	N/A	1	304	0.00	70.56
DTWD1	24.18	40.72	0.59	chr15	15q21.2	162	2163	82.91	100.74
AXDND1	5.92	9.97	0.59	chr1	1q25.2	44	693	56.51	248.09
Hs.538526	69.69	117.40	0.59	chr10	N/A	7	73	33.35	47.04
HCN1	23.10	38.92	0.59	chr5	5p12	53	949	264.46	193.90
C2orf70	18.56	31.26	0.59	chr2	2p23.3	30	455	96.24	105.58
ZNF124	15.22	25.64	0.59	chr1	1q44	51	1045	88.16	100.35
EVL	103.84	174.94	0.59	chr14	14q32.2	47	877	183.64	111.42
ATRIP	20.55	34.63	0.59	chr3	3p21.31	37	433	137.97	71.49
Hs.535881	8.80	14.83	0.59	chr7	N/A	2	22	33.61	71.87
Hs.661359	13.76	23.18	0.59	chr3	N/A	7	73	44.79	42.66
JOSD1	93.21	157.05	0.59	chr22	22q13.1	53	746	78.22	83.05
Hs.22303	6.74	11.35	0.59	chr18	N/A	7	73	75.79	98.05
C21orf37	16.00	26.96	0.59	chr21	21q21.1	17	332	84.76	217.41
CALD1	118.01	198.86	0.59	chr7	7q33	145	4691	148.60	209.18
PDGFD	56.18	94.66	0.59	chr11	11q22.3	55	1113	138.91	163.78
ITGA4	7.43	12.53	0.59	chr2	2q31.3	32	974	96.54	161.43
MAS1L	9.71	16.37	0.59	chr6	6p21	17	332	55.04	76.80
LOC100506542	8.74	14.72	0.59	chr16	N/A	1	304	0.00	67.48
HSD11B1L	31.17	52.53	0.59	chr19	19p13.3	28	664	55.86	66.46
Hs.482850	9.65	16.26	0.59	chr5	N/A	9	95	101.54	115.82
SMC4	38.50	64.89	0.59	chr3	3q26.1	70	1588	167.61	143.86
LOC374890	12.52	21.11	0.59	chr19	19p12	11	332	55.14	55.29
Hs.663275	10.50	17.70	0.59	chr22	N/A	7	73	52.89	74.64
Hs.671693	7.15	12.05	0.59	chr3	N/A	1	304	0.00	55.62
Hs.660787	13.65	23.01	0.59	chr3	N/A	7	73	28.85	58.06
KPRP	9.05	15.25	0.59	chr1	1q21.3	19	198	95.72	119.51
MAN1B1	49.92	84.18	0.59	chr9	9q34	46	991	76.78	49.72
Hs.641182	5.72	9.65	0.59	chr19	N/A	1	304	0.00	51.70
MT1X	636.00	1,072.51	0.59	chr16	16q13	48	1042	142.95	108.56
MATN1	15.11	25.48	0.59	chr1	1p35	46	1052	77.49	123.82
Hs.15792	6.36	10.73	0.59	chr1	N/A	7	73	59.98	77.96
Hs.117320	9.10	15.35	0.59	chr4	N/A	7	73	108.25	68.77
Hs.658733	8.42	14.20	0.59	chr20	N/A	1	304	0.00	84.84
EFCAB13	8.57	14.45	0.59	chr17	17q21.32	28	1422	89.42	78.22
SRRM2	199.05	335.73	0.59	chr16	16p13.3	64	1790	136.63	138.70
DDX41	83.40	140.67	0.59	chr5	5q35.3	28	538	92.49	54.11
Hs.600584	5.98	10.09	0.59	chr6	N/A	7	73	31.84	98.91
Hs.660234	8.61	14.53	0.59	chr9	N/A	7	73	62.39	74.61
Hs.712456	6.60	11.14	0.59	chr11	N/A	7	73	37.35	77.95
Hs.125556	12.13	20.46	0.59	chr11	N/A	7	73	75.97	109.10
ABCD4	33.97	57.30	0.59	chr14	14q24.3	51	1058	83.32	75.18
Hs.678224	18.55	31.30	0.59	chr14	N/A	1	304	0.00	35.08
Hs.445378	45.38	76.55	0.59	chr1	N/A	7	73	52.73	40.54
LOC100506746	21.08	35.57	0.59	chr4	4q21	7	73	51.24	60.55
ACTR5	27.04	45.63	0.59	chr20	20q11.23	31	931	97.07	44.34
Hs.467868	18.44	31.11	0.59	chr2	N/A	7	73	41.33	154.58
C10orf32	91.22	153.94	0.59	chr10	10q24.32	50	602	95.35	99.62
SEZ6	28.54	48.16	0.59	chr17	17q11.2	39	848	194.40	173.74
Hs.635603	6.67	11.25	0.59	chr1	N/A	1	304	0.00	76.84
Hs.143911	20.74	35.01	0.59	chr1	N/A	3	326	125.81	110.39
IL1RAP	16.81	28.37	0.59	chr3	3q28	95	1311	112.48	246.30
ONECUT2	14.56	24.57	0.59	chr18	18q21.31	70	1932	86.78	162.40
PPP4R2	45.70	77.14	0.59	chr3	3p13	80	1380	143.08	97.67
MMP27	14.76	24.92	0.59	chr11	11q24	28	526	68.24	59.43
Hs.556034	5.56	9.38	0.59	chr20	N/A	7	73	38.81	86.83
Hs.602760	7.67	12.95	0.59	chr10	N/A	2	22	43.79	57.82
KCNAB1	25.00	42.20	0.59	chr3	3q26.1	92	2326	132.56	155.85
TTC13	31.36	52.95	0.59	chr1	1q42.2	36	582	75.36	134.46
ZNF536	33.63	56.78	0.59	chr19	19q12	33	564	97.93	106.99
DLX6	7.30	12.33	0.59	chr7	7q22	19	757	99.69	70.69
Hs.735050	125.02	211.13	0.59	chr13	N/A	2	608	133.83	138.85

C10orf118	27.29	46.09	0.59	chr10	10q25.3	83	1544	101.28	83.51
URGCP	48.34	81.63	0.59	chr7	7p13	49	1049	115.42	87.41
LOC100129397	4.46	7.53	0.59	chr15	15q21.1	10	28	25.11	88.87
LOC643770	8.96	15.13	0.59	chr12	12q23.1	17	146	63.89	96.41
Hs.666281	13.06	22.06	0.59	chr3	N/A	7	73	83.81	60.14
Hs.658576	9.83	16.60	0.59	chr15	N/A	7	73	80.85	95.94
Hs.145944	6.43	10.87	0.59	chr12	N/A	8	377	56.17	104.34
KLF7	43.88	74.12	0.59	chr2	2q32	66	2114	187.13	83.31
SNX16	19.82	33.48	0.59	chr8	8q21.13	40	827	100.42	87.21
Hs.444785	19.15	32.36	0.59	chr7	N/A	1	304	0.00	100.43
Hs.657193	7.43	12.55	0.59	chr1	N/A	7	73	55.70	77.87
Hs.606216	25.76	43.52	0.59	chr7	N/A	1	304	0.00	34.02
MAGEE1	35.73	60.36	0.59	chrX	Xq13.3	23	697	105.69	91.08
PRH1	387.60	654.88	0.59	chr12	12p13.2	24	615	167.49	335.00
LOC100506050	120.09	202.91	0.59	chr7	N/A	17	101	137.93	97.83
DEFB127	11.04	18.66	0.59	chr20	20p13	19	386	176.03	105.67
Hs.673633	65.86	111.27	0.59	chr15	N/A	1	304	0.00	44.21
LOC440117	7.81	13.19	0.59	chr12	12q24.32	8	377	30.61	120.37
ASB13	52.05	87.95	0.59	chr10	10p15.1	38	561	66.59	64.53
Hs.737677	11.49	19.41	0.59	chr17	N/A	3	934	127.42	65.66
SETX	51.53	87.07	0.59	chr9	9q34.13	66	1425	76.85	72.61
CDK10	34.65	58.56	0.59	chr16	16q24	49	1372	150.58	79.80
Hs.664856	7.90	13.34	0.59	chr17	N/A	7	73	34.98	70.81
DNAAF1	29.53	49.91	0.59	chr16	16q24.1	37	1037	140.59	195.27
LOC728573	6.74	11.39	0.59	chr20	20p12.2	7	73	33.69	85.39
DEPDC1	12.09	20.44	0.59	chr1	1p31.2	41	1463	102.06	142.34
LOC100270679	4.50	7.60	0.59	chr20	20p11.22	1	304	0.00	59.00
Hs.403715	8.39	14.19	0.59	chr5	N/A	1	304	0.00	54.63
Hs.597167	7.70	13.02	0.59	chr13	N/A	1	304	0.00	56.92
CD276	33.92	57.33	0.59	chr15	15q23-q24	38	971	100.22	111.85
CXCL12	186.88	315.87	0.59	chr10	10q11.1	98	1392	98.80	134.72
Hs.656056	19.08	32.25	0.59	chr10	N/A	7	73	64.12	59.92
Hs.662369	5.01	8.46	0.59	chr14	N/A	10	28	97.50	81.84
Hs.603818	11.96	20.22	0.59	chr1	N/A	1	304	0.00	116.83
KMT2A	44.25	74.80	0.59	chr11	11q23	133	4070	177.59	104.56
LOC441242	10.80	18.25	0.59	chr7	7q11.21	8	377	47.97	63.57
Hs.634896	10.33	17.47	0.59	chr12	N/A	14	146	99.79	89.55
WNT10A	17.38	29.39	0.59	chr2	2q35	37	789	94.15	74.84
MTPAP	53.39	90.27	0.59	chr10	10p11.23	48	1546	98.17	52.38
Hs.632369	62.44	105.58	0.59	chr1	N/A	1	304	0.00	41.31
G6PC3	69.96	118.30	0.59	chr17	17q21.31	41	955	165.55	76.87
LOC253039	21.67	36.65	0.59	chr9	9q33.2	64	1571	81.84	110.51
PCSK5	32.99	55.79	0.59	chr9	9q21.3	52	1110	134.36	115.79
Hs.539252	17.66	29.87	0.59	chr12	N/A	10	73	84.18	78.23
RASGRF2	32.45	54.88	0.59	chr5	5q13	34	839	155.76	92.96
Hs.734213	16.97	28.70	0.59	chr15	N/A	8	377	57.88	40.48
Hs.63158	13.83	23.39	0.59	chr10	N/A	10	73	72.55	107.07
C5orf20	11.07	18.72	0.59	chr5	5q31.1	36	485	157.91	95.16
Hs.660260	25.54	43.20	0.59	chr4	N/A	7	73	72.61	68.63
SEPT2	198.68	336.01	0.59	chr2	2q37	62	1944	128.35	115.51
COL13A1	17.28	29.23	0.59	chr10	10q22	153	1684	118.93	94.88
TUBGCP5	19.11	32.32	0.59	chr15	15q11.2	22	756	66.31	68.77
MAF1	123.36	208.63	0.59	chr8	8q24.3	24	417	99.05	65.33
Hs.665257	11.77	19.91	0.59	chr7	N/A	7	73	72.78	68.32
Hs.542781	12.15	20.55	0.59	chr6	N/A	1	304	0.00	56.33
LOC100128816	7.39	12.50	0.59	chr12	12p13.32	10	28	39.06	64.53
SAP130	47.44	80.24	0.59	chr2	2q14.3	59	791	119.74	96.00
RCC1	29.13	49.27	0.59	chr1	1p36.1	70	1596	115.94	79.64
Hs.707282	24.36	41.20	0.59	chr9	N/A	7	73	45.00	96.77
LOC440243	26.69	45.15	0.59	chr15	15q11.2	12	636	93.24	121.10
Hs.656759	9.60	16.25	0.59	chr2	N/A	2	608	68.46	82.63
RDM1	13.12	22.20	0.59	chr17	17q11.2	22	386	135.91	136.40
FANCM	12.47	21.10	0.59	chr14	14q21.2	52	1651	142.18	82.12
ZNF556	8.88	15.03	0.59	chr19	19p13.3	21	448	102.81	104.68
MAGT1	101.25	171.32	0.59	chrX	Xq21.1	69	1392	117.74	87.16
CDC42BPG	14.95	25.30	0.59	chr11	11q13.1	20	725	49.81	61.34
STXBP3	52.66	89.12	0.59	chr1	1p13.3	41	907	108.73	110.59
BZRAP1	39.53	66.89	0.59	chr17	17q22-q23	40	596	59.67	60.98
Hs.665900	8.34	14.11	0.59	chr6	N/A	3	66	37.93	103.34
EGR1	573.89	971.20	0.59	chr5	5q31.1	36	1301	193.21	138.08
Hs.350876	7.22	12.23	0.59	chr8	N/A	1	304	0.00	46.74
Hs.710244	36.74	62.19	0.59	chr5	N/A	11	377	97.88	258.40
Hs.666410	8.07	13.66	0.59	chr8	N/A	3	66	82.49	77.11
SLC35A5	58.36	98.79	0.59	chr3	3q13.2	26	523	100.73	77.66
Hs.71944	7.77	13.15	0.59	chr5	N/A	7	73	69.52	93.56
Hs.541440	5.66	9.57	0.59	chr2	N/A	10	73	26.95	100.13
Hs.658766	7.09	12.00	0.59	chr13	N/A	3	66	52.78	87.58
PDIA2	19.79	33.50	0.59	chr16	16p13.3	47	1097	96.51	429.75
GABRG2	24.54	41.54	0.59	chr5	5q34	54	929	136.34	205.09
MAN2B1	83.36	141.13	0.59	chr19	19cen-q13.1	36	542	74.33	75.09
ZKSCAN5	24.07	40.74	0.59	chr7	7q22	58	1098	112.59	62.80
WDR43	23.53	39.84	0.59	chr2	2p23.2	27	571	48.54	56.25
CDC20	24.72	41.85	0.59	chr1	1p34.1	26	497	54.10	143.56
INPP5D	39.84	67.45	0.59	chr2	2q37.1	54	1706	101.24	146.24
Hs.667867	26.42	44.73	0.59	chr19	N/A	7	73	108.42	43.54
APLNR	59.94	101.49	0.59	chr11	11q12	30	565	112.98	222.19
Hs.659016	22.20	37.58	0.59	chr1	N/A	7	73	46.79	53.50
Hs.658240	20.00	33.86	0.59	chr20	N/A	7	73	52.20	55.92
Hs.662524	7.59	12.86	0.59	chr8	N/A	12	493	74.21	114.54
TTY4	5.09	8.63	0.59	chrY	Yq11.2	4	304	41.40	49.89
Hs.660264	15.11	25.60	0.59	chr21	N/A	2	608	96.21	78.55
Hs.599848	7.07	11.97	0.59	chr1	N/A	1	304	0.00	70.44
Hs.129603	9.72	16.46	0.59	chr13	N/A	10	73	65.83	98.80

Hs.603395	12.69	21.49	0.59	chr19	N/A	7	73	103.27	49.09
Hs.659306	12.05	20.40	0.59	chr6	N/A	7	73	71.92	89.10
Hs.161332	7.52	12.74	0.59	chr2	N/A	4	304	7.87	69.68
ZNF689	39.07	66.19	0.59	chr16	16p11.2	32	794	128.85	113.42
Hs.667291	9.40	15.92	0.59	chr5	N/A	7	73	34.19	52.20
CAPRIN1	70.93	120.16	0.59	chr11	11p13	118	3291	121.29	122.07
MED12	39.75	67.34	0.59	chrX	Xq13	50	1903	97.58	64.96
PRAMEF10	9.94	16.83	0.59	chr1	1p36.21	32	464	68.47	86.35
Hs.659043	6.54	11.08	0.59	chrX	N/A	7	73	58.23	81.90
Hs.667526	8.08	13.70	0.59	chr2	N/A	2	22	29.14	49.19
SSH3	48.27	81.79	0.59	chr11	11q13.2	43	1328	82.13	66.27
ADGB	6.24	10.58	0.59	chr6	6q24.3	18	448	75.92	174.01
TJP3	19.75	33.46	0.59	chr19	19p13.3	35	997	115.20	107.40
PGBD2	22.11	37.46	0.59	chr1	1q44	37	846	48.40	59.37
Hs.658807	24.19	41.00	0.59	chr15	N/A	1	304	0.00	61.49
Hs.146013	28.42	48.16	0.59	chr11	N/A	17	146	128.06	122.41
DKFZp667F0711	7.57	12.82	0.59	chr10	10p15.1	11	332	34.28	76.09
RDH12	47.23	80.05	0.59	chr14	14q24.1	23	500	192.52	129.32
Hs.598073	14.10	23.90	0.59	chr3	N/A	14	146	56.02	73.79
TERF1	46.81	79.35	0.59	chr8	8q21.11	116	1631	92.69	177.13
Hs.569292	9.58	16.24	0.59	chr13	N/A	5	22	57.97	68.94
Hs.662671	16.88	28.61	0.59	chr2	N/A	7	73	160.05	153.67
Hs.666835	5.54	9.39	0.59	chr7	N/A	2	22	19.76	51.47
Hs.596960	28.85	48.91	0.59	chr12	N/A	7	73	87.95	101.24
LINC00847	34.62	58.69	0.59	chr5	5q35.3	3	344	106.06	39.85
LOC441025	10.26	17.39	0.59	chr4	4q21.1	1	304	0.00	41.52
Hs.709679	9.63	16.34	0.59	chr8	N/A	3	66	50.36	62.33
Hs.123555	15.17	25.73	0.59	chr6	N/A	10	73	71.63	69.31
ZDHH9	45.83	77.71	0.59	chrX	Xq26.1	57	949	130.87	85.30
Hs.737950	10.77	18.26	0.59	chr2	N/A	1	304	0.00	55.19
PGAP3	56.31	95.50	0.59	chr17	17q12	43	981	141.48	67.99
KCNF1	16.03	27.18	0.59	chr2	2p25	30	574	104.06	146.20
CCRL2	16.29	27.62	0.59	chr3	3p21	37	602	87.62	102.59
Hs.732847	12.09	20.50	0.59	chr17	N/A	7	73	53.33	60.66
MBD3	65.28	110.71	0.59	chr19	19p13.3	52	1107	102.76	82.66
KRT72	11.92	20.21	0.59	chr12	12q13.13	21	408	76.23	149.57
BIRC6	79.06	134.08	0.59	chr2	2p22.3	55	1065	194.36	68.62
HCG9	15.68	26.60	0.59	chr6	6p21.3	30	565	93.47	70.67
OLFML3	200.74	340.47	0.59	chr1	1p13.2	36	539	190.24	156.33
Hs.477495	51.19	86.82	0.59	chr1	N/A	1	304	0.00	52.03
ARHGEF19	38.08	64.58	0.59	chr1	1p36.13	17	344	65.74	81.49
Hs.333973	10.08	17.09	0.59	chr5	N/A	2	22	35.92	75.66
Hs.662952	18.02	30.56	0.59	chr3	N/A	7	73	73.29	72.63
SESN1	104.82	177.80	0.59	chr6	6q21	45	639	109.95	114.54
Hs.632216	20.59	34.93	0.59	chr16	N/A	7	73	62.17	75.83
ADAM20	14.39	24.42	0.59	chr14	14q24.1	28	914	115.77	79.82
ACTG2	282.27	478.83	0.59	chr2	2p13.1	41	921	148.05	266.84
KIF21A	73.77	125.14	0.59	chr12	12q12	48	982	93.46	180.49
RNF26	47.74	80.99	0.59	chr11	11q23	18	637	62.37	57.17
TCEAL5	90.55	153.62	0.59	chrX	Xq22.1	22	231	84.16	153.95
MOB2	64.61	109.61	0.59	chr11	11p15.5	26	469	58.61	55.84
CEBPZ	54.73	92.85	0.59	chr2	2p22.2	32	616	85.58	74.73
MPPE1	48.32	81.98	0.59	chr18	18p11.21	63	1468	107.63	62.03
Hs.655186	7.44	12.63	0.59	chr15	N/A	7	73	49.34	121.32
CAPNS2	43.64	74.06	0.59	chr16	16q12.2	21	448	100.82	146.20
Hs.222218	13.99	23.74	0.59	chr1	N/A	19	1080	117.50	95.49
RRAGC	126.38	214.48	0.59	chr1	1p34	32	797	33.07	55.48
LOC100505938	14.19	24.09	0.59	chr7	N/A	11	703	72.09	107.49
EIF3E	669.75	1,136.73	0.59	chr8	8q22-q23	63	747	142.27	88.17
SEHIL	46.44	78.82	0.59	chr18	18p11.21	62	962	141.50	81.21
Hs.677083	15.42	26.17	0.59	chr14	N/A	11	332	44.17	55.78
HOXA-AS2	8.86	15.04	0.59	chr7	7p15.2	18	1008	87.18	88.92
Hs.659468	9.24	15.68	0.59	chr10	N/A	2	22	31.56	114.89
PLCH2	22.46	38.12	0.59	chr1	1p36.32	52	670	89.78	71.35
BANP	73.94	125.53	0.59	chr16	16q24	56	1228	96.28	69.22
IL18RAP	19.38	32.91	0.59	chr2	2q12	37	646	89.55	181.12
Hs.132670	28.62	48.60	0.59	chr10	N/A	5	420	37.56	65.91
Hs.128527	11.67	19.82	0.59	chr9	N/A	10	73	43.11	67.58
Hs.680098	7.24	12.30	0.59	chr13	N/A	1	304	0.00	56.61
FAM27L	10.24	17.39	0.59	chr17	17p11.2	16	28	92.23	46.73
LOC100505616	31.74	53.91	0.59	chr15	N/A	18	423	40.49	54.87
OSCP1	35.08	59.57	0.59	chr1	1p34.3	39	539	76.04	155.27
Hs.643943	19.65	33.37	0.59	chr6	N/A	8	377	48.28	51.40
Hs.434622	4.93	8.37	0.59	chr1	N/A	4	304	19.38	67.02
SUPT16H	81.87	139.04	0.59	chr14	14q11.2	52	1013	157.08	90.40
MED8	38.64	65.63	0.59	chr1	1p34.2	56	1440	74.28	66.21
ZNF281	51.51	87.49	0.59	chr1	1q32.1	36	915	138.16	80.23
DSP	349.23	593.17	0.59	chr6	6p24	46	605	112.03	180.35
TRIM47	49.23	83.61	0.59	chr17	17q25	18	396	72.08	71.96
ANKAR	11.87	20.17	0.59	chr2	2q32.2	28	512	80.27	84.74
SLC25A5	538.07	914.03	0.59	chrX	Xq24	69	689	104.71	83.15
LOC100128374	20.27	34.44	0.59	chr7	7p22.3	14	335	43.07	51.58
Hs.598335	8.94	15.18	0.59	chr8	N/A	1	304	0.00	57.10
Hs.138200	11.84	20.11	0.59	chr5	N/A	5	22	115.99	99.05
Hs.550199	3.74	6.36	0.59	chr7	N/A	1	304	0.00	36.65
Hs.541294	8.80	14.95	0.59	chr19	N/A	7	73	48.97	69.07
IPO7	124.31	211.21	0.59	chr11	11p15.4	59	1473	186.13	69.86
Hs.602855	8.86	15.05	0.59	chr6	N/A	2	22	41.85	44.74
MYO1H	10.04	17.07	0.59	chr12	12q24.11	21	412	66.44	60.24
GATAD2B	65.58	111.43	0.59	chr1	1q21.3	36	868	101.87	73.19
SHQ1	30.67	52.11	0.59	chr3	3p13	57	1127	87.76	78.18
Hs.655019	12.00	20.38	0.59	chr3	N/A	1	304	0.00	41.26
Hs.165062	52.73	89.61	0.59	chr18	N/A	14	146	95.27	145.91

Hs.633942	729.94	1,240.59	0.59	chr1	N/A	24	174	260.93	143.92
CSN2	15.46	26.27	0.59	chr4	4q21.1	23	494	82.29	100.18
SMAD5	71.52	121.57	0.59	chr5	5q31	55	2059	127.12	82.33
R3HDM2	151.74	257.91	0.59	chr12	12q13.3	50	616	131.52	79.74
AMACR	18.68	31.76	0.59	chr5	5p13	64	2634	66.02	123.03
Hs.386527	7.64	12.98	0.59	chr11	N/A	10	73	55.01	112.00
Hs.668027	4.34	7.38	0.59	chr17	N/A	4	630	39.01	87.44
Hs.539192	5.62	9.55	0.59	chr12	N/A	7	73	57.91	62.39
Hs.732942	17.68	30.05	0.59	chr14	N/A	1	304	0.00	56.89
Hs.573378	9.43	16.04	0.59	chr7	N/A	5	22	36.76	70.73
Hs.707189	729.96	1,240.98	0.59	chr4	N/A	10	73	115.75	85.06
Hs.634773	5.37	9.12	0.59	chr6	N/A	3	328	27.03	74.45
CDC20B	9.81	16.68	0.59	chr5	5q11.2	45	1708	82.77	172.52
Hs.687369	29.49	50.14	0.59	chr11	N/A	23	174	83.74	71.16
DRAM1	60.92	103.58	0.59	chr12	12q23.2	48	585	211.72	123.11
Hs.598430	113.06	192.23	0.59	chr14	N/A	7	73	86.67	90.49
Hs.127344	16.43	27.94	0.59	chr2	N/A	17	146	95.12	198.73
PHEX-AS1	14.35	24.39	0.59	chrX	N/A	1	304	0.00	44.58
ZNF227	16.86	28.67	0.59	chr19	N/A	22	766	72.34	68.83
ZNF662	32.52	55.30	0.59	chr3	3p22.1	27	618	105.58	80.45
Hs.672238	11.61	19.75	0.59	chr13	N/A	1	304	0.00	77.11
Hs.659057	15.08	25.65	0.59	chr1	N/A	7	73	46.94	65.19
LOC100127951	2.83	4.81	0.59	chr16	16q22.2	10	28	63.47	47.32
SAFB2	69.29	117.85	0.59	chr19	19p13.3	58	1158	90.08	91.68
C3orf27	9.45	16.08	0.59	chr3	3q21	33	520	56.30	102.25
ZNF528	22.95	39.04	0.59	chr19	19q13	27	515	71.48	104.42
AGBL5	27.00	45.93	0.59	chr2	2p23.3	58	1245	87.04	196.95
RNF123	69.57	118.36	0.59	chr3	3p24.3	29	836	114.77	83.70
LOC100130219	8.20	13.95	0.59	chr12	12p13.33	2	610	90.61	78.63
CALN1	15.75	26.80	0.59	chr7	7q11	68	1279	159.00	143.77
Hs.664692	7.55	12.85	0.59	chr2	N/A	7	73	56.62	89.31
CASC5	11.78	20.04	0.59	chr15	15q14	54	1528	190.72	171.89
Hs.292338	8.68	14.77	0.59	chr9	N/A	5	22	87.86	60.94
SRRM1	147.63	251.19	0.59	chr1	1p36.11	59	1126	129.65	80.62
FLJ14186	13.89	23.63	0.59	chr4	4q26	5	608	59.46	78.12
FBXO34	60.90	103.62	0.59	chr14	14q22.3	49	889	80.45	92.46
YBEY	47.08	80.12	0.59	chr21	21q22.3	41	794	84.47	82.60
Hs.585204	23.50	40.00	0.59	chr15	N/A	1	304	0.00	172.67
C22orf31	13.15	22.37	0.59	chr22	22q12.1	30	562	147.55	88.95
Hs.472847	10.52	17.90	0.59	chr20	N/A	8	377	51.42	60.82
UCP2	155.63	264.91	0.59	chr11	11q13	35	994	129.52	136.04
TCEAL1	129.32	220.13	0.59	chrX	Xq22.1	36	577	101.64	135.98
Hs.587092	21.11	35.93	0.59	chr2	N/A	14	146	53.73	59.02
Hs.709443	10.84	18.46	0.59	chr4	N/A	17	487	50.73	118.18
BMP2	25.58	43.54	0.59	chr20	20p12	42	1086	109.37	111.98
TMA16	32.32	55.03	0.59	chr4	4q32.2	40	657	105.79	193.57
Hs.22302	35.27	60.06	0.59	chr9	N/A	32	782	69.00	64.06
ACER3	32.65	55.58	0.59	chr11	11q13.5	67	1656	150.47	89.15
KRBOX4	23.49	40.00	0.59	chrX	Xp11.3	49	950	63.27	81.50
SP4	30.08	51.22	0.59	chr7	7p15.3	34	870	117.66	96.67
Hs.666650	5.79	9.86	0.59	chr8	N/A	2	608	8.31	62.71
PRAMEF1	13.39	22.80	0.59	chr1	1p36.21	37	482	101.53	67.10
SLC4A2	40.76	69.41	0.59	chr7	7q36.1	37	650	125.44	86.06
Hs.744147	119.80	204.01	0.59	chr12	N/A	12	493	120.19	62.43
Hs.541877	18.19	30.97	0.59	chr2	N/A	2	22	12.03	72.85
MYO5A	23.83	40.58	0.59	chr15	15q21	63	1455	127.99	129.47
Hs.636821	4.49	7.64	0.59	chr5	N/A	1	304	0.00	49.73
Hs.666308	17.76	30.25	0.59	chr12	N/A	14	146	76.93	123.19
Hs.601585	45.58	77.63	0.59	chr2	N/A	7	73	33.02	40.72
UBE2V1	68.51	116.69	0.59	chr20	20q13.2	83	864	89.27	51.55
Hs.116006	6.90	11.76	0.59	chr2	N/A	10	73	55.17	100.49
USP29	12.47	21.23	0.59	chr19	19q13.43	31	481	175.08	95.12
ZSCAN32	35.77	60.93	0.59	chr16	16p13.3	36	959	73.02	61.90
AMN1	28.27	48.17	0.59	chr12	12p11.21	12	101	51.16	74.86
STK36	56.87	96.89	0.59	chr2	2q35	30	1129	144.89	96.56
HIST1H2BE	38.74	66.00	0.59	chr6	6p22.1	22	481	68.88	79.66
GINM1	111.33	189.68	0.59	chr6	6q25.1	40	615	83.32	68.39
AMH	26.25	44.73	0.59	chr19	19p13.3	28	543	182.71	462.24
LOC100506128	4.59	7.82	0.59	chr1	N/A	1	304	0.00	72.89
Hs.659590	7.46	12.71	0.59	chr5	N/A	3	66	28.30	125.35
Hs.668007	8.67	14.78	0.59	chr6	N/A	2	22	59.91	87.90
ARRB2	56.49	96.27	0.59	chr17	17p13	33	594	87.22	133.12
Hs.596778	13.38	22.81	0.59	chr12	N/A	7	73	61.95	68.41
LOC100507140	11.33	19.31	0.59	chr2	2q33	24	360	106.17	75.20
ARL8B	161.02	274.47	0.59	chr3	3p26.1	39	865	81.41	80.44
Hs.697075	113.17	192.93	0.59	chr7	N/A	7	73	69.43	54.35
ITPR1	46.37	79.06	0.59	chr3	3p26.1	40	1777	143.19	272.06
MUC16	11.79	20.10	0.59	chr19	19p13.2	18	472	82.70	282.40
Hs.729162	11.57	19.73	0.59	chr12	N/A	7	73	31.93	67.31
Hs.160418	6.59	11.24	0.59	chr21	N/A	1	304	0.00	88.60
KIAA0319L	57.45	97.98	0.59	chr1	1p34.2	69	1070	133.29	93.86
LOC100506691	13.71	23.39	0.59	chr12	N/A	4	304	59.52	65.57
Hs.579567	7.07	12.06	0.59	chr18	N/A	5	16	25.45	39.15
ANXA2R	25.98	44.31	0.59	chr5	5p12	21	411	100.25	76.68
LYL1	42.95	73.25	0.59	chr19	19p13.2	28	548	135.26	133.18
SLC24A1	14.91	25.43	0.59	chr15	15q22	74	2004	130.01	76.01
Hs.657637	87.24	148.82	0.59	chr17	N/A	1	304	0.00	49.50
PRDM2	33.51	57.17	0.59	chr1	1p36.21	82	2492	87.17	95.38
Hs.733824	19.44	33.17	0.59	chr2	N/A	7	73	62.93	60.07
CCDC14	51.85	88.46	0.59	chr3	3q21.1	39	1220	96.09	392.83
TRIM9	15.60	26.61	0.59	chr14	14q22.1	77	1030	172.48	143.49
Hs.437397	11.19	19.10	0.59	chr12	N/A	1	304	0.00	72.66
Hs.596605	18.08	30.86	0.59	chr7	N/A	7	73	86.20	117.20

P2RY10	13.06	22.29	0.59	chrX	Xq21.1	36	918	98.56	116.74
Hs.657700	11.59	19.78	0.59	chr9	N/A	7	73	42.80	85.02
CFC1	13.42	22.89	0.59	chr2	2q21.1	31	1065	52.34	169.46
Hs.540156	12.53	21.39	0.59	chr15	N/A	10	73	36.26	66.15
TOX	18.14	30.95	0.59	chr8	8q12.1	66	1249	230.27	159.23
ITPKC	61.49	104.95	0.59	chr19	19q13.1	42	637	72.69	115.08
Hs.659457	12.31	21.00	0.59	chr4	N/A	2	22	68.51	81.37
Hs.636128	33.86	57.79	0.59	chr20	N/A	10	28	40.50	70.63
VSNL1	78.52	134.03	0.59	chr2	2p24.3	46	1007	105.49	277.17
PKNOX2	28.93	49.38	0.59	chr11	11q24.2	46	1856	81.65	103.08
EVA1B	30.55	52.15	0.59	chr1	1p34.3	34	1249	76.58	61.38
PIEZO1	54.68	93.35	0.59	chr16	16q24.3	37	1229	85.28	105.59
CHMP2B	78.86	134.63	0.59	chr3	3p11.2	69	1637	128.69	77.63
Hs.442160	94.95	162.12	0.59	chrX	N/A	15	112	48.02	67.79
ZNF800	21.85	37.31	0.59	chr7	7q31.33	36	1165	95.98	79.09
Hs.498463	8.33	14.23	0.59	chr15	N/A	7	73	60.78	53.16
HOXC13	14.01	23.92	0.59	chr12	12q13.3	21	453	129.82	101.75
RUNX2	15.73	26.85	0.59	chr6	6p21	85	2575	113.07	117.40
FBXW8	32.79	55.99	0.59	chr12	12q24.22	63	713	196.36	348.33
Hs.105428	5.07	8.66	0.59	chr22	N/A	7	73	30.01	74.65
Hs.658765	8.05	13.75	0.59	chr14	N/A	7	73	77.49	76.41
Hs.648681	8.10	13.84	0.59	chr5	N/A	3	66	58.14	87.29
ZNF589	24.26	41.44	0.59	chr3	3p21	66	1849	87.92	81.82
GNG4	22.61	38.62	0.59	chr1	1q42.3	50	1595	116.20	116.75
Hs.357234	6.92	11.83	0.59	chr15	N/A	18	405	79.96	106.03
Hs.666111	8.07	13.80	0.59	chr3	N/A	7	73	58.86	111.03
SENP5	32.68	55.83	0.59	chr3	3q29	104	1919	71.28	79.60
FUT7	17.74	30.31	0.59	chr9	9q34.3	28	913	96.18	130.41
Hs.733128	51.22	87.52	0.59	chr1	N/A	7	73	70.52	46.09
FLJ40606	3.19	5.44	0.59	chr20	20q13.12	8	12	46.52	32.79
LOC100996590	8.73	14.92	0.59	chr9	N/A	5	608	68.93	43.70
TMEM86B	25.21	43.08	0.59	chr19	19q13.42	29	424	58.13	77.59
Hs.364739	6.27	10.71	0.59	chr16	N/A	1	304	0.00	117.48
Hs.735208	7.76	13.27	0.59	chr8	N/A	10	840	85.20	88.48
RSL24D1	130.62	223.21	0.59	chr15	15q21	32	797	92.91	55.60
GTF2H1	45.90	78.43	0.59	chr11	11p15.1-p14	45	1069	131.24	122.85
Hs.590898	16.08	27.48	0.59	chr2	N/A	19	952	99.30	61.56
Hs.597159	42.38	72.43	0.59	chr9	N/A	7	73	130.97	90.85
LRRRC71	14.97	25.59	0.59	chr1	1q23.1	24	446	120.73	129.59
CYTH4	27.75	47.43	0.59	chr22	22q12.3-q13.1	47	1290	102.79	89.32
AFAP1-AS1	11.17	19.09	0.59	chr4	4p16.1	36	810	118.78	84.15
Hs.659559	7.45	12.74	0.59	chr18	N/A	1	44	0.00	60.35
Hs.491548	9.76	16.69	0.59	chr8	N/A	7	73	64.39	171.31
CHST4	31.73	54.25	0.58	chr16	16q22.2	21	465	115.06	80.72
FAM20A	21.42	36.61	0.58	chr17	17q24.2	38	1105	75.55	103.31
RBBP5	24.43	41.77	0.58	chr1	1q32	45	653	99.73	57.46
Hs.602969	10.96	18.73	0.58	chr19	N/A	10	139	69.48	70.47
LOC401242	12.60	21.54	0.58	chr6	6p22.1	3	11	38.35	35.34
MATK	14.31	24.47	0.58	chr19	19p13.3	29	493	111.85	70.53
ZNF233	10.70	18.29	0.58	chr19	19q13.31	27	763	58.85	119.65
RAP1GAP	63.32	108.27	0.58	chr1	1p36.1-p35	49	1115	144.84	161.66
Hs.146979	4.55	7.79	0.58	chr7	N/A	5	22	41.04	62.12
PRSS35	11.77	20.13	0.58	chr6	6q14.2	19	385	74.68	105.45
Hs.48343	25.61	43.79	0.58	chr4	N/A	7	73	50.97	81.61
RNASEL	27.14	46.42	0.58	chr1	1q25	35	946	91.18	61.23
P4HTM	85.21	145.73	0.58	chr3	3p21.3	65	684	127.68	100.91
DST	71.66	122.56	0.58	chr6	6p12.1	176	4760	254.34	186.53
Hs.744442	20.18	34.51	0.58	chr12	N/A	1	304	0.00	85.32
Hs.602816	18.63	31.87	0.58	chr4	N/A	2	22	73.06	59.34
Hs.594579	51.27	87.70	0.58	chr17	N/A	7	73	97.97	51.32
Hs.148864	7.24	12.38	0.58	chr13	N/A	2	22	43.63	45.38
Hs.585812	12.77	21.85	0.58	chr17	N/A	4	304	42.38	53.94
Hs.733000	28.90	49.44	0.58	chr15	N/A	14	146	58.62	71.97
Hs.552655	7.38	12.63	0.58	chr1	N/A	1	304	0.00	62.79
Hs.571106	12.05	20.62	0.58	chr6	N/A	8	377	117.34	61.79
Hs.659499	8.40	14.38	0.58	chrX	N/A	8	377	49.96	62.18
Hs.466729	10.50	17.96	0.58	chr1	N/A	8	377	68.66	55.94
Hs.662310	5.32	9.11	0.58	chr11	N/A	7	73	34.93	143.71
Hs.597179	12.62	21.61	0.58	chr14	N/A	7	73	55.63	103.90
Hs.603964	8.28	14.17	0.58	chr5	N/A	7	73	93.34	56.54
ALDH3A2	124.34	212.81	0.58	chr17	17p11.2	51	1468	141.45	99.24
Hs.666203	4.44	7.60	0.58	chr3	N/A	1	304	0.00	101.90
Hs.598666	11.37	19.46	0.58	chr9	N/A	7	73	74.33	89.49
Hs.541023	18.56	31.78	0.58	chr18	N/A	7	73	51.83	50.53
Hs.230783	7.82	13.39	0.58	chr6	N/A	6	66	63.85	71.98
Hs.736035	12.99	22.24	0.58	chr14	N/A	10	840	32.97	64.91
Hs.667117	4.72	8.08	0.58	chr1	N/A	7	73	35.99	96.60
LRRRC8E	14.78	25.31	0.58	chr19	19p13.2	37	842	81.93	71.05
Hs.678810	47.55	81.41	0.58	chr8	N/A	7	73	122.61	51.19
CPNE9	19.19	32.85	0.58	chr3	3p25.3	28	514	83.29	76.04
Hs.692070	8.76	15.00	0.58	chr3	N/A	8	377	64.41	80.54
CALB1	18.87	32.31	0.58	chr8	8q21.3	35	997	146.52	381.41
LOC100506557	6.45	11.05	0.58	chr7	N/A	11	332	109.24	58.59
MTRR	38.88	66.59	0.58	chr5	5p15.31	39	975	124.60	70.32
NDE1	38.59	66.08	0.58	chr16	16p13.11	49	1850	112.19	122.76
LUC7L2	110.41	189.09	0.58	chr7	7q34	50	1044	86.31	91.12
MTMR8	10.81	18.51	0.58	chrX	Xq11.2	24	449	59.74	82.69
RBPJL	13.90	23.81	0.58	chr20	20q12-q13.1	21	461	53.88	181.48
Hs.542604	12.67	21.70	0.58	chr21	N/A	7	73	58.01	66.44
PDE4C	265.80	455.24	0.58	chr19	19p13.11	82	1921	194.95	199.16
IL17RD	35.05	60.04	0.58	chr3	3p14.3	41	767	162.66	111.62
ALDH1A2	39.59	67.82	0.58	chr15	15q21.3	48	1015	137.36	191.34
NR3C2	44.56	76.34	0.58	chr4	4q31.1	33	577	71.93	66.58

GSTO2	80.00	137.05	0.58	chr10	10q25.1	26	457	187.81	135.55
KAL1	31.32	53.65	0.58	chrX	Xp22.32	58	1044	140.18	161.03
ACAD11	101.88	174.55	0.58	chr3	3q22.1	35	562	164.05	245.96
PARN	62.09	106.38	0.58	chr16	16p13	48	611	96.55	49.51
VT11A	18.00	30.84	0.58	chr10	10q25.2	65	2008	132.64	77.37
Hs.666856	14.76	25.29	0.58	chr5	N/A	7	73	46.76	67.03
Hs.125714	7.43	12.73	0.58	chr8	N/A	7	73	59.35	116.16
Hs.653916	4.78	8.19	0.58	chr6	N/A	1	304	0.00	98.42
THEMIS2	45.04	77.17	0.58	chr1	1p35.3	48	1036	85.50	141.63
PTPRK	57.01	97.69	0.58	chr6	6q22.2-q22.3	45	1012	98.23	112.38
SULT1E1	17.92	30.70	0.58	chr4	4q13.1	35	910	128.82	337.25
NFKB1	66.21	113.47	0.58	chr4	4q24	71	922	179.15	61.92
GSTM2	242.65	415.89	0.58	chr1	1p13.3	60	808	175.07	173.41
SYMPK	38.18	65.44	0.58	chr19	19q13.3	60	1703	102.04	96.73
DCAF7	74.21	127.20	0.58	chr17	17q23.3	112	2728	132.83	258.98
SDCBP2-AS1	15.00	25.72	0.58	chr20	N/A	32	1520	69.32	73.55
LYSMD1	31.36	53.76	0.58	chr1	1q21.3	19	386	98.16	96.01
Hs.407368	197.97	339.39	0.58	chr19	N/A	7	73	78.35	45.86
PKDCC	117.82	202.06	0.58	chr2	2p21	16	395	90.23	100.16
Hs.735675	39.75	68.17	0.58	chr10	N/A	1	304	0.00	100.87
Hs.667274	8.26	14.17	0.58	chr13	N/A	7	73	34.11	73.78
SMPD3	24.04	41.23	0.58	chr16	16q22.1	49	1004	187.77	142.73
CRYGS	15.38	26.38	0.58	chr3	3q27.3	32	773	96.55	94.52
Hs.269571	10.50	18.01	0.58	chr2	N/A	13	393	97.39	56.13
PGR	23.86	40.92	0.58	chr11	11q22-q23	63	1143	135.14	294.24
C1QA	131.09	224.85	0.58	chr1	1p36.12	34	524	209.72	123.75
Hs.666057	17.25	29.58	0.58	chr14	N/A	7	73	47.36	61.35
Hs.528513	23.59	40.46	0.58	chr20	N/A	7	73	54.21	58.33
Hs.669744	4.76	8.16	0.58	chr10	N/A	1	304	0.00	69.10
Hs.120837	6.17	10.58	0.58	chr20	N/A	10	73	46.99	64.63
Hs.135853	8.72	14.95	0.58	chr1	N/A	7	73	89.68	124.98
C1orf185	5.38	9.22	0.58	chr1	1p32.3	5	22	55.64	66.84
Hs.667402	14.11	24.21	0.58	chr16	N/A	2	22	29.51	79.00
CFDP1	54.62	93.72	0.58	chr16	16q22.2-q22.3	38	1340	63.75	82.80
CCDC135	13.69	23.49	0.58	chr16	16q21	33	416	166.32	159.29
ZNF778	21.83	37.46	0.58	chr16	16q24.3	22	752	119.91	53.87
Hs.571988	39.24	67.34	0.58	chr10	N/A	7	73	93.01	40.45
MAGED2	124.12	213.00	0.58	chrX	Xp11.2	56	1064	81.71	78.06
Hs.667102	77.13	132.35	0.58	chr2	N/A	1	304	0.00	26.95
Hs.667963	9.24	15.85	0.58	chr8	N/A	7	73	30.32	63.76
TNFRSF1A	148.24	254.41	0.58	chr12	12p13.2	56	727	116.40	80.60
RTN4RL1	19.78	33.95	0.58	chr17	17p13.3	39	440	61.84	68.00
RAB28	33.89	58.16	0.58	chr4	4p15.33	52	885	105.20	111.28
Hs.705664	689.70	1,183.90	0.58	chr7	N/A	5	425	51.31	40.55
ZNF251	27.91	47.91	0.58	chr8	8q24.3	40	601	122.56	84.41
GPR174	11.43	19.63	0.58	chrX	Xq21.1	24	437	82.34	114.85
Hs.208390	7.22	12.40	0.58	chr8	N/A	5	51	28.87	78.65
Hs.729700	20.19	34.67	0.58	chr9	N/A	10	73	104.22	69.57
Hs.648422	48.92	83.99	0.58	chr7	N/A	7	73	75.55	63.96
ZBED6CL	21.35	36.66	0.58	chr7	7q36.1	26	463	60.47	93.28
Hs.180848	7.58	13.01	0.58	chr5	N/A	7	73	74.89	65.10
USP6NL-IT1	14.04	24.12	0.58	chr10	N/A	1	304	0.00	79.76
RGAG1	45.29	77.77	0.58	chrX	Xq23	18	384	181.73	141.21
Hs.131541	10.22	17.55	0.58	chr6	N/A	5	22	76.47	67.06
Hs.662069	88.17	151.40	0.58	chr7	N/A	4	304	15.03	51.95
CYP51A1	76.98	132.19	0.58	chr7	7q21.2	59	1171	227.10	171.79
PEX26	24.54	42.13	0.58	chr22	22q11.21	47	1066	103.27	87.63
NIPSNAP3A	61.91	106.31	0.58	chr9	9q31.1	34	490	90.27	75.20
TRAF2	23.56	40.46	0.58	chr9	9q34	39	682	75.97	105.37
LINC00308	10.69	18.36	0.58	chr21	21q21.1	17	659	101.84	47.87
Hs.568618	6.75	11.60	0.58	chr1	N/A	4	304	42.96	81.72
LOC100507663	4.29	7.37	0.58	chr10	N/A	10	28	21.53	74.66
POF1B	10.16	17.45	0.58	chrX	Xq21.2	43	1115	58.49	203.47
IFT81	26.18	44.97	0.58	chr12	12q24.13	60	944	241.46	128.79
Hs.596805	8.15	13.99	0.58	chr3	N/A	8	377	39.12	204.53
B3GNT2	31.46	54.04	0.58	chr2	2p15	30	1134	58.69	90.71
Hs.473133	18.96	32.57	0.58	chr20	N/A	14	146	69.96	74.61
WDR17	9.65	16.57	0.58	chr4	4q34	44	927	97.65	119.65
Hs.599834	7.82	13.43	0.58	chr19	N/A	2	22	37.15	68.99
Hs.634987	61.83	106.23	0.58	chr8	N/A	7	73	89.49	58.97
Hs.145188	19.93	34.24	0.58	chr2	N/A	5	22	95.80	81.45
DIXDC1	44.22	75.98	0.58	chr11	11q23.1	45	1241	92.56	95.05
GLIS3	24.36	41.86	0.58	chr9	9p24.2	60	789	124.87	120.33
CTAGE15	17.25	29.64	0.58	chr7	7q35	16	28	68.63	70.81
GLYR1	50.88	87.43	0.58	chr16	16p13.3	59	1733	157.65	85.24
GLIPR1	49.74	85.48	0.58	chr12	12q21.2	78	2323	144.70	156.47
Hs.635445	21.99	37.79	0.58	chr9	N/A	12	636	21.08	47.54
WASF3	62.98	108.23	0.58	chr13	13q12	30	568	84.51	84.23
Hs.613982	12.21	20.98	0.58	chr18	N/A	15	448	95.13	61.40
Hs.633018	16.20	27.85	0.58	chr1	N/A	7	73	118.34	69.27
CDC16	101.94	175.20	0.58	chr13	13q34	60	1563	85.06	58.67
LATS2	91.03	156.44	0.58	chr13	13q11-q12	45	1175	93.16	92.80
Hs.527213	7.35	12.63	0.58	chr5	N/A	2	608	33.31	63.58
Hs.720642	43.21	74.27	0.58	chr10	N/A	8	377	72.72	83.65
Hs.674443	12.94	22.24	0.58	chr2	N/A	1	304	0.00	80.05
Hs.668111	7.15	12.29	0.58	chr9	N/A	2	22	12.99	89.02
NUTM2A-AS1	21.63	37.18	0.58	chr10	10q23.2	15	450	52.52	206.90
Hs.732041	70.35	120.94	0.58	chr6	N/A	15	85	163.14	76.15
ADTRP	28.16	48.41	0.58	chr6	6p24.1	31	876	235.31	109.58
Hs.195326	9.38	16.13	0.58	chr18	N/A	1	304	0.00	47.48
LRP6	54.31	93.37	0.58	chr12	12p13.2	66	1628	155.69	93.27
Hs.574409	8.76	15.05	0.58	chr17	N/A	7	73	105.56	92.59
LCN8	9.66	16.61	0.58	chr9	9q34.3	19	740	45.66	64.60

MORF4L2	301.74	518.86	0.58	chrX	Xq22	63	1426	137.52	139.21
CYP2S1	22.35	38.42	0.58	chr19	19q13.1	27	416	55.29	64.28
WDR66	13.15	22.62	0.58	chr12	12q24.31	47	1186	120.46	142.50
WSCD2	15.56	26.76	0.58	chr12	12q23.3	31	869	137.50	108.00
TNK1	42.37	72.87	0.58	chr17	17p13.1	36	1042	184.22	80.18
Hs.146594	5.82	10.01	0.58	chr4	N/A	10	73	55.14	67.22
LOC100506713	19.64	33.77	0.58	chr17	N/A	9	681	57.69	85.85
Hs.313917	58.30	100.28	0.58	chr16	N/A	7	73	28.58	51.72
PRRG1	31.57	54.31	0.58	chrX	Xp21.1	57	698	109.78	109.98
Hs.666787	12.27	21.11	0.58	chr11	N/A	8	377	64.14	49.10
N4BP2	24.34	41.87	0.58	chr4	4p14	41	492	138.97	85.66
Hs.714048	93.65	161.11	0.58	chr15	N/A	18	448	130.79	69.94
Hs.613098	17.28	29.73	0.58	chr3	N/A	1	304	0.00	48.04
Hs.163027	16.12	27.73	0.58	chr8	N/A	4	304	61.37	35.51
AQR	35.66	61.36	0.58	chr15	15q14	49	1324	115.79	88.83
Hs.659949	37.22	64.05	0.58	chr13	N/A	7	73	46.44	62.15
COLEC10	11.91	20.49	0.58	chr8	8q23-q24.1	30	574	51.56	97.17
FAXC	12.18	20.96	0.58	chr6	6q16.2	68	1075	188.83	117.69
Hs.668451	23.86	41.06	0.58	chr17	N/A	7	73	77.83	63.94
HAUS1	38.40	66.08	0.58	chr18	18q21.1	27	415	56.77	65.46
Hs.127481	8.96	15.43	0.58	chr14	N/A	31	247	55.24	92.21
CSF2RB	41.12	70.77	0.58	chr22	22q13.1	43	780	156.89	139.43
OTP	10.47	18.01	0.58	chr5	5q13.3	43	603	106.25	105.42
Hs.661400	40.53	69.75	0.58	chr13	N/A	21	219	137.97	123.02
GBP2	84.86	146.06	0.58	chr1	1p22.2	37	660	143.73	120.31
TAS2R5	8.57	14.76	0.58	chr7	7q31.3-q32	17	320	52.83	54.72
MLLT6	66.77	114.94	0.58	chr17	17q21	77	965	146.25	162.12
DDX6	119.89	206.39	0.58	chr11	11q23.3	59	1313	162.97	175.84
NXXN	28.70	49.41	0.58	chr17	17p13.3	23	105	101.10	87.84
Hs.151172	45.30	77.98	0.58	chr19	N/A	5	22	47.09	72.70
SC5D	72.75	125.23	0.58	chr11	11q23.3	59	1189	134.39	151.64
Hs.603128	6.93	11.93	0.58	chr4	N/A	7	73	33.31	70.71
Hs.539368	5.01	8.63	0.58	chr12	N/A	10	73	47.50	85.11
LOC100505759	38.81	66.82	0.58	chr12	N/A	1	304	0.00	64.53
CECR5-AS1	9.02	15.52	0.58	chr22	22q11.1	18	405	39.22	51.92
Hs.599407	6.32	10.89	0.58	chr8	N/A	7	73	59.03	87.68
Hs.657982	15.71	27.04	0.58	chr3	N/A	1	304	0.00	55.40
Hs.409558	6.63	11.42	0.58	chr5	N/A	7	73	54.45	89.46
Hs.640523	4.83	8.31	0.58	chr20	N/A	11	12	29.68	25.90
ZNF101	15.88	27.34	0.58	chr19	19p13.11	22	721	48.37	88.55
ESR2	10.95	18.85	0.58	chr14	14q23.2	79	2788	105.82	84.28
Hs.658642	17.82	30.68	0.58	chr9	N/A	8	377	74.92	68.57
SLC36A4	30.54	52.58	0.58	chr11	11q21	43	570	80.69	61.00
Hs.667258	19.26	33.16	0.58	chr17	N/A	3	326	72.34	57.47
Hs.677533	3.91	6.73	0.58	chr15	N/A	1	304	0.00	59.97
LOC100506025	6.99	12.04	0.58	chr7	N/A	12	681	78.13	147.03
Hs.712990	8.53	14.69	0.58	chr2	N/A	5	420	45.98	97.06
OR11L1	24.20	41.69	0.58	chr1	1q44	8	52	90.05	117.03
Hs.513817	14.89	25.65	0.58	chr15	N/A	7	73	66.85	94.99
CCNL1	124.12	213.80	0.58	chr3	3q25.31	44	1478	192.65	220.18
Hs.659463	3.86	6.65	0.58	chr10	N/A	3	326	130.34	87.82
SH3PXD2B	43.30	74.59	0.58	chr5	5q35.1	36	867	144.37	121.45
PARD6A	49.62	85.49	0.58	chr16	16q22.1	33	577	116.94	153.89
Hs.97791	6.14	10.57	0.58	chr17	N/A	7	73	30.47	77.77
Hs.613057	12.94	22.29	0.58	chrX	N/A	13	94	89.58	69.86
CLIP2	41.51	71.53	0.58	chr7	7q11.23	36	572	94.38	92.41
CAPN5	30.87	53.19	0.58	chr11	11q14	36	922	66.77	92.30
BBS7	17.37	29.93	0.58	chr4	4q27	58	934	125.73	94.11
SUDS3	49.61	85.50	0.58	chr12	12q24.23	29	834	91.44	63.25
RFT1	30.00	51.70	0.58	chr3	3p21.1	42	806	73.92	75.03
OR2AG1	38.62	66.56	0.58	chr11	11p15.4	8	52	99.88	71.42
Hs.546523	100.32	172.91	0.58	chr2	N/A	12	493	104.82	55.72
C1QTNF6	12.42	21.41	0.58	chr22	22q13.1	40	834	129.51	66.92
Hs.666846	8.67	14.94	0.58	chr11	N/A	2	22	69.74	51.66
KLK3	291.10	501.75	0.58	chr19	19q13.41	131	2113	343.76	320.07
DEFB103A	16.28	28.06	0.58	chr8	8p23.1	25	384	168.50	116.20
YWHAG	528.86	911.66	0.58	chr7	7q11.23	38	497	85.82	116.13
Hs.655980	84.24	145.21	0.58	chr11	N/A	1	304	0.00	42.72
Hs.574650	6.50	11.20	0.58	chr2	N/A	2	22	22.15	105.00
Hs.733841	24.73	42.63	0.58	chr7	N/A	7	73	65.50	59.22
LOC100652739	23.24	40.06	0.58	chr6	N/A	16	101	56.74	88.94
Hs.657817	105.86	182.53	0.58	chr2	N/A	3	912	89.81	115.79
Hs.664278	15.33	26.44	0.58	chr11	N/A	7	73	63.75	50.27
SLC25A1	71.16	122.72	0.58	chr22	22q11.21	34	650	89.92	92.50
RGSL1	17.14	29.56	0.58	chr1	1q25	34	476	243.07	66.79
SLC17A7	33.83	58.34	0.58	chr19	19q13	45	1040	88.80	184.19
RMND5B	49.30	85.02	0.58	chr5	5q35.3	47	686	83.01	100.89
Hs.571467	5.62	9.70	0.58	chr8	N/A	10	73	58.10	69.29
GPR21	28.95	49.92	0.58	chr9	9q33	23	476	64.25	66.25
SMCO3	11.19	19.30	0.58	chr12	12p12.3	23	462	117.25	85.08
Hs.23606	10.80	18.63	0.58	chr8	N/A	6	355	63.00	101.27
PRELP	126.72	218.57	0.58	chr1	1q32	63	1474	149.81	158.80
ZFAND1	56.95	98.23	0.58	chr8	8q21.13	31	533	79.31	65.84
WDR35	29.17	50.32	0.58	chr2	2p24.1	43	966	87.29	87.53
HTR3A	25.47	43.93	0.58	chr11	11q23.1	53	1053	80.13	133.40
Hs.720958	5.66	9.76	0.58	chr13	N/A	7	73	75.73	95.34
Hs.664698	8.05	13.90	0.58	chr3	N/A	7	73	83.85	129.07
Hs.664550	23.09	39.85	0.58	chrX	N/A	7	73	48.99	182.85
SOX9	76.86	132.66	0.58	chr17	17q23	38	591	81.11	110.81
ZNF121	6.77	11.69	0.58	chr19	19p	26	56	63.57	37.51
RAB23	40.88	70.56	0.58	chr6	6p11	40	888	133.95	129.62
PTGR1	76.94	132.81	0.58	chr9	9q31.3	52	1296	86.38	110.44
LY96	39.16	67.60	0.58	chr8	8q21.11	30	570	114.32	103.61

SEC14L1	67.25	116.10	0.58	chr17	17q25.2	79	1909	113.55	123.90
EXOC6B	24.11	41.63	0.58	chr2	2p13.2	46	931	108.85	104.53
COMMD8	69.62	120.20	0.58	chr4	4p12	31	533	76.77	68.19
Hs.667144	14.52	25.07	0.58	chr12	N/A	7	73	62.17	53.80
ACD	35.52	61.33	0.58	chr16	16q22.1	30	567	93.76	61.03
P2RX5	52.58	90.78	0.58	chr17	17p13.3	53	680	221.41	181.55
ASUN	45.82	79.11	0.58	chr12	12p11.23	31	526	63.99	61.90
KDM5C	56.51	97.57	0.58	chrX	Xp11.22-p11.2	31	869	142.76	81.38
TDH	10.07	17.39	0.58	chr8	8p23.1	46	1060	189.19	131.00
ZNF396	11.12	19.21	0.58	chr18	18q12	46	1658	103.63	98.33
FMOD	157.91	272.72	0.58	chr1	1q32	30	578	116.33	132.93
Hs.600077	8.12	14.02	0.58	chr12	N/A	10	73	75.52	96.50
LOC100506558	7.57	13.07	0.58	chr8	N/A	8	377	65.40	60.72
LOC100133669	29.32	50.64	0.58	chr8	8q24.3	1	305	0.00	47.20
PRY2	17.38	30.02	0.58	chrY	Yq11.223	13	28	32.11	87.41
Hs.4290	11.16	19.27	0.58	chr5	N/A	22	711	118.95	172.59
Hs.128904	4.30	7.42	0.58	chr5	N/A	7	73	52.63	107.45
Hs.718669	146.63	253.31	0.58	chr5	N/A	7	73	55.77	86.88
JOSD2	40.83	70.53	0.58	chr19	19q13.33	26	466	57.38	59.71
NUP107	65.83	113.74	0.58	chr12	12q15	35	615	44.60	46.94
Hs.145394	9.58	16.55	0.58	chr13	N/A	18	85	62.71	126.21
TRIM42	10.00	17.28	0.58	chr3	3q23	33	1042	73.19	109.43
RPLP0	1,950.29	3,370.14	0.58	chr12	12q24.2	78	1959	67.29	44.30
LOC388882	9.58	16.56	0.58	chr22	22q11.23	18	317	52.18	78.29
MUC2	24.91	43.05	0.58	chr11	11p15.5	63	785	114.80	265.69
SPAG11B	7.93	13.71	0.58	chr8	8p23.1	66	1600	91.72	185.40
MFAP5	76.79	132.72	0.58	chr12	12p13.1-p12.3	62	1565	135.71	179.15
PRINS	62.89	108.70	0.58	chr10	10p12.1	15	448	88.63	81.64
Hs.71023	9.39	16.23	0.58	chr3	N/A	16	942	63.76	74.19
Hs.741822	4.22	7.30	0.58	chr16	N/A	10	28	16.99	48.61
DKK2	8.52	14.72	0.58	chr4	4q25	41	864	65.75	105.16
RSPH6A	27.30	47.20	0.58	chr19	19q13.3	30	493	109.20	101.12
Hs.635001	10.69	18.48	0.58	chr21	N/A	2	22	16.10	125.57
PCDH12	27.73	47.93	0.58	chr5	5q31	21	463	76.18	81.37
CTSC	73.43	126.94	0.58	chr11	11q14.2	66	1673	210.06	132.78
Hs.599357	22.16	38.32	0.58	chr12	N/A	14	146	100.64	172.15
C2orf83	7.47	12.92	0.58	chr2	2q36.3	18	448	82.15	69.57
SF1	96.41	166.71	0.58	chr11	11q13	80	1615	151.58	108.59
Hs.712952	40.71	70.40	0.58	chr12	N/A	7	73	34.51	48.60
MR11	69.95	120.98	0.58	chr19	19p13.2	31	721	111.81	49.69
Hs.44984	54.16	93.66	0.58	chr3	N/A	3	66	33.88	162.85
Hs.602553	44.59	77.12	0.58	chr2	N/A	7	73	55.03	70.12
Hs.659017	8.39	14.51	0.58	chr10	N/A	1	44	0.00	99.10
TMEM156	6.82	11.79	0.58	chr4	4p14	25	756	82.80	104.62
LETM2	13.43	23.22	0.58	chr8	8p11.23	20	688	64.50	105.97
ACTR3	238.23	412.11	0.58	chr2	2q14.1	75	1923	194.65	139.67
LOC100996511	22.38	38.71	0.58	chr1	N/A	19	709	95.73	91.30
GH2	25.81	44.64	0.58	chr17	17q24.2	52	1122	119.83	342.55
LOC654433	24.59	42.54	0.58	chr2	2q13	27	724	67.32	91.92
POU4F1	14.01	24.24	0.58	chr13	13q31.1	37	1025	118.20	134.14
Hs.649323	6.11	10.57	0.58	chr7	N/A	7	73	52.26	66.57
Hs.413494	9.15	15.83	0.58	chr5	N/A	8	377	78.14	64.89
SIRPB2	13.11	22.68	0.58	chr20	20p13	14	332	36.78	88.82
CNBD1	6.32	10.93	0.58	chr8	8q21.3	18	637	71.92	82.57
LOC728537	14.08	24.36	0.58	chr2	2q11.2	18	413	49.25	87.14
Hs.160681	7.64	13.22	0.58	chr9	N/A	4	304	58.61	48.44
Hs.396523	14.64	25.34	0.58	chr21	N/A	7	73	41.27	52.36
NACAD	37.07	64.16	0.58	chr7	7p13	23	492	163.56	159.73
LOC100506963	27.16	47.00	0.58	chr1	N/A	14	541	66.17	65.60
ZNF224	14.56	25.20	0.58	chr19	19q13.2	44	1660	118.79	78.31
SNX12	60.83	105.29	0.58	chrX	Xq13.1	38	866	117.01	80.39
SLC35B3	64.84	112.25	0.58	chr6	6p24.3	40	615	181.16	147.50
Hs.657797	19.86	34.39	0.58	chr14	N/A	5	420	119.75	99.83
CNOT2	66.06	114.37	0.58	chr12	12q15	80	1917	97.44	122.16
GLUD1	119.99	207.74	0.58	chr10	10q23.3	65	1328	123.49	90.06
APOBEC3H	6.46	11.19	0.58	chr22	22q13.1	18	80	122.70	57.84
Hs.586960	20.33	35.20	0.58	chr17	N/A	26	444	237.61	57.97
BAIAP2L2	13.85	23.99	0.58	chr22	22q13.1	49	935	56.69	132.87
Hs.130253	6.92	11.99	0.58	chr17	N/A	8	377	59.37	80.70
RANGAP1	42.07	72.85	0.58	chr22	22q13	62	1571	126.21	78.40
Hs.664525	9.80	16.98	0.58	chr7	N/A	7	73	41.54	77.41
Hs.734221	7.47	12.94	0.58	chr9	N/A	2	22	57.68	93.72
Hs.601170	8.80	15.25	0.58	chr5	N/A	7	73	67.71	76.91
Hs.666699	12.58	21.79	0.58	chr12	N/A	3	326	66.27	40.14
SPATA21	9.00	15.59	0.58	chr1	1p36.13	8	611	74.25	85.45
Hs.180902	14.39	24.93	0.58	chr16	N/A	11	377	81.42	66.77
Hs.714423	161.89	280.43	0.58	chr14	N/A	7	73	55.27	134.38
Hs.382046	3.83	6.64	0.58	chr3	N/A	1	304	0.00	68.31
Hs.143307	20.42	35.37	0.58	chr20	N/A	2	22	1.82	58.91
Hs.661927	36.37	63.01	0.58	chr15	N/A	7	73	91.35	118.68
TMPRSS3	15.04	26.05	0.58	chr21	21q22.3	44	1089	105.10	102.78
Hs.740524	14.73	25.53	0.58	chr14	N/A	7	73	70.89	64.75
Hs.744923	92.49	160.24	0.58	chr8	N/A	7	73	102.84	80.78
IQSEC1	52.61	91.16	0.58	chr3	3p25.2	54	1132	98.11	63.45
Hs.145134	9.86	17.08	0.58	chr5	N/A	2	22	16.05	74.40
Hs.668527	11.25	19.49	0.58	chr20	N/A	2	610	100.10	76.28
Hs.182635	9.28	16.09	0.58	chr4	N/A	7	73	51.56	95.08
Hs.664999	8.14	14.10	0.58	chr15	N/A	5	420	48.11	67.18
PRPF4B	49.70	86.12	0.58	chr6	6p25.2	80	1963	172.77	108.09
POSTN	45.08	78.13	0.58	chr13	13q13.3	40	1599	138.45	292.33
Hs.112969	7.19	12.46	0.58	chr11	N/A	7	73	57.72	90.92
PLAUR	42.08	72.93	0.58	chr19	19q13	68	1588	141.99	138.08
Hs.657565	9.90	17.17	0.58	chr20	N/A	6	355	56.99	57.50

SLC25A24	44.79	77.63	0.58	chr1	1p13.3	40	880	81.18	95.41
HDAC9	16.05	27.83	0.58	chr7	7p21.1	115	1965	116.34	109.86
GLTSCR1L	52.18	90.44	0.58	chr6	6p21.1	73	1312	116.24	72.62
Hs.733887	12.88	22.33	0.58	chr17	N/A	8	377	48.82	62.57
Hs.157859	11.75	20.37	0.58	chr17	N/A	5	608	69.18	67.11
ZBTB34	32.00	55.47	0.58	chr9	9q33.3	36	497	101.58	57.01
RASL11A	22.03	38.20	0.58	chr13	13q12.2	23	457	174.29	87.87
BCAR4	10.91	18.91	0.58	chr16	16p13.13	18	405	69.17	67.57
Hs.667724	8.70	15.09	0.58	chr7	N/A	7	73	49.06	101.60
ZBTB5	64.55	111.92	0.58	chr9	9p13.2	30	572	76.15	46.42
LINC00667	36.03	62.47	0.58	chr18	18p11.31	42	1330	87.17	56.67
RABGAP1	103.32	179.14	0.58	chr9	9q34.11	50	1454	123.82	81.55
Hs.715618	33.99	58.94	0.58	chr10	N/A	7	73	83.06	268.69
Hs.613813	50.27	87.17	0.58	chr3	N/A	1	304	0.00	26.87
Hs.595320	75.96	131.72	0.58	chr19	N/A	28	433	82.67	61.97
SCP2	252.63	438.11	0.58	chr1	1p32	63	1162	123.04	99.47
MITD1	44.64	77.41	0.58	chr2	2q11.2	19	396	47.17	66.06
WHSC1L1	21.99	38.14	0.58	chr8	8p11.2	57	1560	110.73	89.66
HMCN1	37.66	65.32	0.58	chr1	1q25.3-q31.1	46	798	264.42	191.46
Hs.667455	11.70	20.29	0.58	chr6	N/A	3	66	96.67	209.80
TMEM44	20.27	35.15	0.58	chr3	3q29	44	933	92.95	67.51
DRD2	24.39	42.31	0.58	chr11	11q23	72	2056	104.13	196.02
Hs.594168	5.12	8.87	0.58	chr12	N/A	7	73	53.76	103.38
LOC441528	20.90	36.25	0.58	chrX	Xp22.33	20	1056	152.21	85.03
ZNF773	19.17	33.25	0.58	chr19	19q13.43	23	124	104.65	53.54
NASP	59.84	103.81	0.58	chr1	1p34.1	71	1481	115.67	158.39
MSANTD1	9.85	17.09	0.58	chr4	4p16.3	8	380	71.29	61.16
Hs.500311	12.50	21.69	0.58	chr10	N/A	10	73	73.20	75.78
Hs.119921	5.29	9.18	0.58	chr21	N/A	10	73	20.97	88.52
Hs.670607	163.00	282.84	0.58	chr4	N/A	5	425	121.11	62.72
CYP24A1	10.38	18.01	0.58	chr20	20q13	40	594	57.22	289.51
ENTPD1	40.29	69.92	0.58	chr10	10q24	76	2086	102.44	153.85
Hs.664029	122.55	212.67	0.58	chr14	N/A	7	73	70.54	86.16
Hs.27608	73.04	126.76	0.58	chr14	N/A	10	73	73.36	150.12
IGK	42.78	74.25	0.58	chr2	2p12	39	2183	188.58	251.61
Hs.705958	13.95	24.21	0.58	chr4	N/A	10	28	40.46	107.69
APOC4	46.69	81.04	0.58	chr19	19q13.2	28	538	141.87	244.27
Hs.132014	8.89	15.42	0.58	chr8	N/A	10	73	64.52	94.80
Hs.745074	41.30	71.69	0.58	chr3	N/A	7	73	65.61	114.70
Hs.551832	8.80	15.28	0.58	chr1	N/A	10	73	55.19	135.92
Hs.559765	29.17	50.63	0.58	chr1	N/A	21	405	46.67	58.95
C6orf183	8.07	14.02	0.58	chr6	6q21	17	332	94.80	54.02
SRGAP2	29.80	51.74	0.58	chr1	1q32.1	65	2300	133.09	168.60
LOC100505812	19.34	33.57	0.58	chr19	N/A	1	304	0.00	118.15
Hs.656487	38.61	67.03	0.58	chr3	N/A	1	304	0.00	37.52
CASP6	28.01	48.64	0.58	chr4	4q25	41	995	60.53	73.84
KLHL11	10.21	17.72	0.58	chr17	17q21.2	24	449	74.10	122.57
GUCA1A	17.24	29.93	0.58	chr6	6p21.1	54	1514	109.67	128.86
Hs.666022	13.70	23.79	0.58	chr4	N/A	7	73	83.75	77.52
OGG1	28.91	50.21	0.58	chr3	3p26.2	62	1148	202.04	74.66
LAIR2	15.93	27.66	0.58	chr19	19q13.4	33	574	92.01	79.80
Hs.270435	24.34	42.26	0.58	chr19	N/A	7	73	46.30	72.65
ADARB2	12.43	21.58	0.58	chr10	10p15.3	34	886	54.99	174.16
CABIN1	63.06	109.50	0.58	chr22	22q11.23	52	1098	65.93	50.41
C7orf49	54.05	93.86	0.58	chr7	7q33	32	594	86.29	48.30
Hs.560351	21.08	36.60	0.58	chr15	N/A	10	28	39.49	46.27
Hs.713154	66.13	114.85	0.58	chr13	N/A	10	28	54.17	116.57
DHDDS	41.61	72.27	0.58	chr1	1p36.11	62	919	123.29	90.87
PPM1B	74.90	130.08	0.58	chr2	2p21	66	1149	131.67	77.94
CCNT2	18.79	32.63	0.58	chr2	2q21.3	61	1379	89.22	89.99
Hs.308321	6.85	11.89	0.58	chr20	N/A	2	22	60.29	53.44
STPG1	22.79	39.58	0.58	chr1	1p36.11	40	919	101.56	156.70
Hs.680824	2.65	4.61	0.58	chr1	N/A	1	304	0.00	84.78
Hs.709396	40.74	70.77	0.58	chr10	N/A	7	73	111.26	103.43
FAM163B	14.17	24.62	0.58	chr9	9q34.2	13	73	82.10	63.75
APH1A	91.90	159.64	0.58	chr1	1p36.13-q31.3	45	877	132.57	80.07
KATNBL1	35.25	61.24	0.58	chr15	15q14	81	1888	142.86	80.92
Hs.734257	7.80	13.56	0.58	chr7	N/A	3	66	32.45	85.71
AP1M1	81.89	142.27	0.58	chr19	19p13.12	27	773	110.39	72.67
Hs.596674	75.01	130.31	0.58	chr20	N/A	7	73	102.99	270.21
MADCAM1	26.30	45.69	0.58	chr19	19p13.3	50	666	113.49	77.14
DYNLL1	573.01	995.53	0.58	chr12	12q24.23	43	617	87.94	65.95
Hs.175569	14.47	25.14	0.58	chr12	N/A	11	377	63.72	61.16
NEUROD2	21.65	37.62	0.58	chr17	17q12	41	900	92.79	122.11
UBA7	63.27	109.93	0.58	chr3	3p21	35	995	79.40	62.01
MARC1	56.83	98.75	0.58	chr1	1q41	28	532	122.82	128.27
CYP19A1	13.68	23.77	0.58	chr15	15q21.1	136	3260	133.31	665.92
SMC3	46.24	80.34	0.58	chr10	10q25	44	1729	96.66	94.78
CEP170B	83.11	144.41	0.58	chr14	14q32.33	26	604	78.83	72.07
Hs.660092	8.79	15.27	0.58	chr18	N/A	7	73	45.08	71.01
CCDC142	18.41	31.99	0.58	chr2	2p13.1	24	429	115.97	178.62
ZNF691	31.62	54.94	0.58	chr1	1p34.2	24	412	53.78	66.57
Hs.596591	13.62	23.68	0.58	chr19	N/A	7	73	63.82	68.72
Hs.537664	6.41	11.13	0.58	chr1	N/A	7	73	35.23	109.97
C18orf32	106.26	184.68	0.58	chr18	18q21.1	24	405	80.43	79.16
Hs.145686	9.03	15.69	0.58	chr17	N/A	7	73	46.88	125.46
OR2T2	63.64	110.61	0.58	chr1	1q44	8	52	115.75	74.08
RELL1	81.95	142.43	0.58	chr4	4p14	26	782	70.93	122.60
Hs.744409	10.44	18.15	0.58	chr11	N/A	3	77	49.39	77.93
GSDMD	54.77	95.19	0.58	chr8	8q24.3	21	456	108.86	84.95
Hs.668538	8.01	13.93	0.58	chr20	N/A	7	73	51.97	72.08
Hs.667245	6.93	12.04	0.58	chr17	N/A	2	22	6.01	64.31
Hs.603236	6.31	10.96	0.58	chr3	N/A	5	22	32.97	110.67

LYSMD4	72.53	126.07	0.58	chr15	15q26.3	41	801	233.96	86.68
C19orf24	38.19	66.39	0.58	chr19	19p13.3	35	605	105.76	95.01
Hs.667483	21.63	37.59	0.58	chr7	N/A	7	73	109.91	94.43
LOC100132686	9.09	15.80	0.58	chr11	11q23.1	1	306	0.00	49.82
Hs.594544	13.53	23.52	0.58	chr1	N/A	7	73	63.02	69.52
HECTD4	26.95	46.86	0.58	chr12	12q24.13	90	2361	116.86	127.20
Hs.657045	28.66	49.82	0.58	chr9	N/A	19	197	219.85	139.66
TAP2	30.55	53.11	0.58	chr6	6p21.3	62	1797	98.69	108.02
PRPF8	160.01	278.18	0.58	chr17	17p13.3	45	656	102.02	66.22
CBLN4	9.41	16.35	0.58	chr20	20q13	22	742	75.62	122.82
LOC100996570	7.25	12.60	0.58	chr1	N/A	10	986	69.50	84.74
Hs.659793	10.42	18.11	0.58	chr6	N/A	7	73	53.30	85.20
SNX4	54.15	94.15	0.58	chr3	3q21.2	42	1083	115.08	91.84
Hs.560757	12.34	21.46	0.58	chr2	N/A	7	73	69.01	99.28
Hs.635058	16.85	29.31	0.58	chr15	N/A	1	304	0.00	50.18
Hs.659937	7.70	13.39	0.58	chr9	N/A	7	73	57.42	121.51
RNASE4	56.45	98.17	0.58	chr14	14q11	17	12	33.54	78.27
Hs.714114	54.91	95.50	0.57	chr5	N/A	7	73	68.51	71.16
Hs.711669	78.55	136.62	0.57	chr12	N/A	7	73	46.46	80.19
Hs.680113	6.77	11.78	0.57	chr6	N/A	1	304	0.00	63.20
Hs.659032	22.34	38.85	0.57	chr5	N/A	7	73	49.54	49.10
PDPR	57.53	100.07	0.57	chr16	16q22.1	47	910	130.25	102.89
NIPAL3	43.76	76.11	0.57	chr1	1p36.12-p35.1	70	2084	118.13	161.61
Hs.661619	3.64	6.34	0.57	chr13	N/A	1	304	0.00	91.70
Hs.112731	6.87	11.95	0.57	chr2	N/A	10	73	50.97	129.15
Hs.666566	65.25	113.50	0.57	chr8	N/A	7	73	75.02	166.02
ARHGEF33	7.84	13.64	0.57	chr2	2p22.1	10	399	79.49	65.33
Hs.659434	23.09	40.17	0.57	chr12	N/A	8	377	37.37	41.54
MLLT3	21.20	36.87	0.57	chr9	9p22	54	1319	165.14	82.98
Hs.128930	9.00	15.66	0.57	chr6	N/A	4	304	48.18	55.09
Hs.659557	7.46	12.99	0.57	chr6	N/A	3	66	104.96	74.79
Hs.617139	14.35	24.96	0.57	chr14	N/A	9	28	28.08	22.05
AKAP8	57.63	100.26	0.57	chr19	19p13.1	36	1041	66.89	58.04
MRPL36	125.16	217.77	0.57	chr5	5p15.3	29	468	138.62	74.11
MTERFD2	34.10	59.34	0.57	chr2	2q37.3	72	1693	117.41	67.65
Hs.605206	139.34	242.46	0.57	chr4	N/A	1	304	0.00	47.54
Hs.672927	20.54	35.74	0.57	chr3	N/A	1	304	0.00	42.42
Hs.125849	37.47	65.20	0.57	chr8	N/A	5	420	48.40	45.58
LINC00254	6.17	10.73	0.57	chr16	16p13.3	3	66	35.30	81.90
SEPHS2	91.40	159.08	0.57	chr16	16p11.2	30	577	54.11	109.22
Hs.664535	12.35	21.49	0.57	chr16	N/A	1	304	0.00	43.54
Hs.740613	45.79	79.70	0.57	chr3	N/A	18	405	45.22	196.02
ISG20L2	35.38	61.58	0.57	chr1	1q23.1	49	1524	113.53	75.13
Hs.604795	6.32	10.99	0.57	chr2	N/A	7	73	70.75	97.05
FLJ30679	7.37	12.82	0.57	chr16	16q24.1	14	333	76.35	64.12
Hs.602675	3.66	6.38	0.57	chr1	N/A	5	51	39.22	64.22
ADSS	47.51	82.69	0.57	chr1	1q44	56	1033	154.13	110.67
DFNA5	44.81	78.00	0.57	chr7	7p15	30	577	110.39	77.63
LOC654841	9.80	17.06	0.57	chr2	2q36-q37	8	387	64.23	75.35
CD83	79.51	138.40	0.57	chr6	6p23	33	577	120.80	77.57
VTN	119.48	207.98	0.57	chr17	17q11	47	671	223.24	496.32
Hs.656981	16.47	28.67	0.57	chr17	N/A	7	73	77.83	76.67
Hs.132570	7.94	13.82	0.57	chr15	N/A	5	88	44.04	83.95
TSC22D4	43.02	74.90	0.57	chr7	7p21-p15	48	982	65.38	89.35
MAGEC2	14.20	24.71	0.57	chrX	Xq27	29	876	69.92	156.97
LOC283588	10.04	17.48	0.57	chr14	14q32.11	24	426	73.88	71.65
FAM86B1	33.62	58.53	0.57	chr8	8p23.1	22	432	31.99	51.50
ACAN	30.70	53.45	0.57	chr15	15q26.1	56	1795	82.87	102.75
Hs.601560	11.64	20.27	0.57	chr6	N/A	7	73	46.52	64.60
Hs.720368	58.37	101.65	0.57	chr2	N/A	1	304	0.00	44.74
Hs.145649	10.46	18.21	0.57	chr2	N/A	17	146	107.29	114.42
ESCO1	36.83	64.13	0.57	chr18	18q11.2	38	1093	77.38	85.29
Hs.713713	13.38	23.30	0.57	chr15	N/A	1	304	0.00	45.92
FGF10	9.65	16.81	0.57	chr5	5p13-p12	17	335	131.52	63.51
F5	30.22	52.64	0.57	chr1	1q23	77	1619	87.98	272.16
LINC00597	14.91	25.97	0.57	chr15	15q23-q24	30	571	96.62	159.53
CNRIP1	74.78	130.25	0.57	chr2	2p14	33	542	218.21	132.51
ZNF239	24.11	42.00	0.57	chr10	10q11.22-q11.1	28	555	102.49	68.21
Hs.649349	4.73	8.24	0.57	chr4	N/A	7	73	46.70	68.34
SPATA7	25.82	44.99	0.57	chr14	14q31.3	28	764	84.84	119.31
HLA-DQB1	104.97	182.89	0.57	chr6	6p21.3	139	3392	167.33	202.93
Hs.732715	6.39	11.13	0.57	chr6	N/A	1	304	0.00	81.63
IGLV1-44	39.93	69.58	0.57	chr22	22q11.2	13	940	48.77	257.91
Hs.605799	20.02	34.88	0.57	chr7	N/A	1	304	0.00	40.38
Hs.675520	8.11	14.13	0.57	chr15	N/A	5	420	39.18	116.22
Hs.171689	16.77	29.22	0.57	chr8	N/A	15	450	150.81	62.92
HIP1	24.67	42.99	0.57	chr7	7q11.23	84	1798	129.46	100.62
TUG1	105.05	183.10	0.57	chr22	22q12.2	63	2491	183.39	117.74
Hs.734182	3.05	5.32	0.57	chr3	N/A	1	304	0.00	88.99
LOC100144602	14.97	26.09	0.57	chr4	N/A	14	332	27.03	97.42
FAM200B	42.42	73.93	0.57	chr4	4p15.32	34	1171	111.45	81.46
Hs.664762	15.03	26.20	0.57	chr6	N/A	7	73	104.25	118.49
SPTLC2	37.85	65.98	0.57	chr14	14q24.3	70	2315	173.87	81.84
LINC00864	7.73	13.47	0.57	chr10	10q23.2	10	28	35.84	117.64
Hs.624440	141.45	246.61	0.57	chrX	N/A	8	377	71.84	113.53
TMEM202	11.00	19.17	0.57	chr15	15q24.1	16	28	124.48	240.15
Hs.199739	10.53	18.35	0.57	chr16	N/A	14	146	71.51	85.39
Hs.145784	13.71	23.90	0.57	chr5	N/A	2	22	65.67	96.65
FRMD4A	34.77	60.63	0.57	chr10	10p13	106	3252	157.69	92.04
Hs.399823	11.12	19.38	0.57	chr16	N/A	11	377	89.89	158.32
Hs.492373	4.64	8.09	0.57	chr8	N/A	2	22	12.75	91.76
Hs.148778	42.50	74.11	0.57	chr8	N/A	7	73	73.74	92.86
Hs.228809	10.84	18.90	0.57	chr21	N/A	10	30	27.76	82.85

Hs.308048	5.70	9.94	0.57	chr5	N/A	3	66	45.35	88.41
PPAP2B	288.71	503.48	0.57	chr1	1p32.2	74	1709	122.29	104.41
Hs.591058	5.46	9.52	0.57	chr18	N/A	3	326	27.70	86.59
Hs.701518	21.01	36.64	0.57	chr18	N/A	7	73	56.72	72.92
RMND1	27.78	48.45	0.57	chr6	6q25.1	32	792	103.23	54.25
KCNS3	28.28	49.33	0.57	chr2	2p24	33	576	96.85	84.20
Hs.658365	8.64	15.07	0.57	chr7	N/A	3	66	48.25	64.42
Hs.406790	7.23	12.60	0.57	chr5	N/A	1	304	0.00	73.51
LINC00607	10.46	18.25	0.57	chr2	2q35	1	304	0.00	45.33
Hs.738705	9.24	16.12	0.57	chr20	N/A	13	28	27.46	105.97
Hs.713638	19.32	33.70	0.57	chr1	N/A	1	304	0.00	91.97
TMEM189-UBE2	92.49	161.38	0.57	chr20	20q13.2	13	845	131.94	92.85
GMPR2	80.28	140.09	0.57	chr14	14q12	37	493	89.08	58.65
MAN2B2	38.70	67.54	0.57	chr4	4p16.1	61	807	108.67	72.20
Hs.599648	6.31	11.02	0.57	chr2	N/A	3	66	32.15	86.26
Hs.97955	6.83	11.92	0.57	chr14	N/A	18	376	55.68	89.39
RNF40	40.12	70.02	0.57	chr16	16p11.2-p11.1	39	1296	85.07	98.27
CORO7	22.62	39.47	0.57	chr16	16p13.3	29	577	84.38	87.57
RGL4	19.23	33.56	0.57	chr22	22q11.23	19	388	89.98	235.68
CC22	159.39	278.21	0.57	chr12	12q15	42	1070	128.00	136.31
CCRN4L	23.04	40.21	0.57	chr4	4q31.1	32	786	115.39	109.26
MAGIX	13.78	24.05	0.57	chrX	Xp11.23	35	1698	97.01	97.02
MIR622	3.59	6.27	0.57	chr13	13q31.3	5	420	12.47	68.02
RALGAPB	39.83	69.53	0.57	chr20	20q11.23	68	1661	80.26	74.03
TUBA1B	1,426.25	2,489.84	0.57	chr12	12q13.12	43	1390	82.90	81.26
Hs.322875	7.12	12.43	0.57	chrX	N/A	3	66	20.22	79.90
PHF23	63.59	111.02	0.57	chr17	17p13.1	30	728	188.12	68.38
ANKUB1	9.71	16.96	0.57	chr3	3q25.1	13	959	68.17	80.83
Hs.659283	17.03	29.74	0.57	chr12	N/A	3	66	38.35	75.58
IDO1	25.47	44.48	0.57	chr8	8p12-p11	38	585	96.30	92.61
ARPP19	123.00	214.79	0.57	chr15	15q21.2	63	1485	119.49	96.43
Hs.58612	17.84	31.16	0.57	chr10	N/A	8	377	41.41	46.16
Hs.666182	8.74	15.26	0.57	chrX	N/A	14	146	95.03	82.83
PTP4A1	90.09	157.35	0.57	chr6	6q12	87	2033	199.57	101.62
CYLD	33.21	58.01	0.57	chr16	16q12.1	101	3412	131.42	130.21
ARHGEF37	51.74	90.38	0.57	chr5	5q32	55	1009	147.97	141.33
ADAT2	12.02	20.99	0.57	chr6	6q24.2	43	559	88.71	89.52
DAB2	84.41	147.45	0.57	chr5	5p13	71	2664	105.18	125.51
LAMTOR3	65.93	115.17	0.57	chr4	4q23	39	869	122.71	75.66
Hs.581125	4.58	8.00	0.57	chr3	N/A	7	73	68.32	63.98
PKDREJ	9.09	15.88	0.57	chr22	22q13.31	21	453	88.02	111.41
ADAM12	15.67	27.38	0.57	chr10	10q26.3	108	2319	89.09	303.66
BLM	29.92	52.27	0.57	chr15	15q26.1	44	722	83.50	153.99
Hs.576855	7.82	13.67	0.57	chr10	N/A	7	73	90.57	94.98
PNO1	52.02	90.90	0.57	chr2	2p14	67	1548	83.20	250.01
ZNF343	20.67	36.11	0.57	chr20	20p13	44	918	119.17	85.00
Hs.707742	43.02	75.18	0.57	chr1	N/A	34	1412	262.37	106.50
EPHA3	15.54	27.15	0.57	chr3	3p11.2	61	1441	158.17	231.94
MC3R	11.20	19.56	0.57	chr20	20q13.2-q13.3	21	455	65.41	62.43
Hs.659956	66.58	116.34	0.57	chr2	N/A	7	73	22.50	59.13
NALCN-AS1	6.47	11.31	0.57	chr13	13q33.1	10	416	65.41	84.84
LOC100507156	44.18	77.20	0.57	chr8	N/A	1	304	0.00	65.80
C20orf78	17.50	30.59	0.57	chr20	20p11.23	6	326	92.51	52.74
FIGLA	4.61	8.06	0.57	chr2	2p13.3	6	356	35.66	61.75
LOC100506414	17.03	29.76	0.57	chr9	N/A	11	377	75.92	86.64
SERTAD4	25.00	43.70	0.57	chr1	1q32.1-q41	45	1167	158.71	110.23
RGP1	37.26	65.12	0.57	chr9	9pter-p22.1	38	577	83.96	65.09
Hs.733667	20.01	34.98	0.57	chr4	N/A	1	304	0.00	55.51
PRF1	47.09	82.31	0.57	chr10	10q22	31	875	142.28	134.48
ARPC2	462.34	808.20	0.57	chr2	2q36.1	46	1412	105.68	65.57
Hs.666234	5.35	9.35	0.57	chr3	N/A	7	73	30.94	61.85
Hs.603649	9.65	16.87	0.57	chr1	N/A	2	22	7.01	69.01
HIST2H3D	230.48	402.94	0.57	chr1	1q21.2	4	32	30.68	52.39
Hs.667738	8.52	14.89	0.57	chr20	N/A	9	95	64.41	72.49
Hs.743460	951.99	1,664.40	0.57	chr1	N/A	10	73	101.23	80.20
FAM216A	46.24	80.85	0.57	chr12	12q24.11	37	644	97.16	164.96
Hs.741628	27.92	48.81	0.57	chr20	N/A	16	24	13.09	31.79
Hs.133444	8.42	14.72	0.57	chr10	N/A	20	167	55.32	101.53
Hs.542634	12.66	22.14	0.57	chr21	N/A	6	66	79.81	77.47
Hs.130108	7.07	12.36	0.57	chr10	N/A	2	22	12.77	76.47
Hs.447707	7.76	13.58	0.57	chr3	N/A	7	73	116.96	88.60
Hs.604631	5.46	9.54	0.57	chr1	N/A	7	73	45.50	95.06
Hs.593529	23.89	41.78	0.57	chr15	N/A	14	532	79.14	71.91
ZSCAN30	33.86	59.22	0.57	chr18	18q12.2	38	1420	106.81	81.95
CCT8L2	9.63	16.84	0.57	chr22	22q11.1	31	526	100.15	99.98
SLC38A6	20.72	36.24	0.57	chr14	14q23.1	30	572	60.84	83.12
GALM	47.46	83.02	0.57	chr2	2p22.1	30	724	124.13	87.21
LEPREL1	32.51	56.87	0.57	chr3	3q28	36	919	90.85	163.77
Hs.732462	41.85	73.19	0.57	chr6	N/A	14	146	93.56	62.77
Hs.664156	6.42	11.23	0.57	chr1	N/A	7	73	39.46	64.57
Hs.675535	49.62	86.80	0.57	chr13	N/A	10	28	43.49	79.95
Hs.131482	5.89	10.30	0.57	chr17	N/A	2	22	2.47	70.51
KCNG3	7.92	13.86	0.57	chr2	2p21	25	740	74.56	83.63
IRF2BP1	54.37	95.12	0.57	chr19	19q13.32	23	499	79.72	64.97
GOLGA8R	12.68	22.19	0.57	chr15	15q13.2	10	28	16.99	99.41
Hs.655433	73.89	129.26	0.57	chr1	N/A	1	304	0.00	44.94
Hs.731534	85.15	148.98	0.57	chr19	N/A	5	51	37.87	40.90
FGFR1	66.58	116.50	0.57	chr8	8p12	133	2971	114.81	90.76
CD160	13.27	23.23	0.57	chr1	1q21.1	20	500	111.78	113.20
PTH1R	44.63	78.08	0.57	chr3	3p22-p21.1	30	594	94.18	180.72
PCM1	65.61	114.79	0.57	chr8	8p22-p21.3	90	2777	108.54	119.98
GTF2B	80.35	140.59	0.57	chr1	1p22-p21	41	728	146.08	79.36
ZNF207	116.40	203.68	0.57	chr17	17q11.2	60	2032	106.34	74.44

Hs.128041	12.68	22.18	0.57	chr15	N/A	7	73	58.54	79.57
Hs.536537	51.97	90.95	0.57	chr2	N/A	8	377	63.79	35.25
IKZF2	15.48	27.08	0.57	chr2	2q34	39	1096	122.18	144.11
HMGB2	119.88	209.79	0.57	chr4	4q31	32	836	76.55	180.64
ATAD2B	18.85	32.99	0.57	chr2	2p24.1-p23.3	41	1414	114.62	93.19
RGS20	9.83	17.21	0.57	chr8	8q11.23	34	875	101.22	99.19
Hs.666012	6.30	11.02	0.57	chr9	N/A	7	73	53.83	75.65
Hs.664010	9.01	15.78	0.57	chr2	N/A	7	73	54.45	119.06
Hs.667100	3.09	5.42	0.57	chr3	N/A	1	304	0.00	74.84
MID2	47.26	82.73	0.57	chrX	Xq22.3	42	958	204.51	76.05
ARMCX3	108.09	189.21	0.57	chrX	Xq22.1	62	1011	108.91	91.44
RARG	23.47	41.08	0.57	chr12	12q13	54	1511	87.05	118.55
CTSO	88.19	154.37	0.57	chr4	4q32.1	51	822	150.88	93.58
FHL3	43.03	75.34	0.57	chr1	1p34	28	527	94.69	225.74
SLC52A3	31.00	54.27	0.57	chr20	20p13	20	700	72.45	110.83
SPEM1	33.67	58.95	0.57	chr17	17p13.1	35	485	332.39	157.76
ANKFY1	41.73	73.07	0.57	chr17	17p13.3	46	1169	82.31	91.47
ADPRHL2	78.86	138.08	0.57	chr1	1p34.3	19	396	112.10	43.70
RABEP2	41.84	73.27	0.57	chr16	16p11.2	48	1442	203.54	99.51
Hs.594950	61.13	107.05	0.57	chr2	N/A	15	450	93.94	125.52
Hs.504538	9.65	16.91	0.57	chr12	N/A	7	73	66.02	68.88
Hs.659802	6.02	10.54	0.57	chr16	N/A	7	73	48.51	82.72
Hs.594696	25.06	43.90	0.57	chr17	N/A	1	304	0.00	29.34
PLD3	119.41	209.14	0.57	chr19	19q13.2	46	617	141.68	251.11
Hs.130009	7.49	13.13	0.57	chr4	N/A	14	146	65.97	80.93
CTBS	40.50	70.95	0.57	chr1	1p22	53	1076	94.84	80.35
IDE	55.33	96.92	0.57	chr10	10q23-q25	62	1569	75.86	84.26
THEMIS	7.25	12.70	0.57	chr6	6q22.33	13	660	62.72	239.10
Hs.606449	8.60	15.07	0.57	chr17	N/A	7	73	80.14	84.02
TBX6	19.91	34.88	0.57	chr16	16p11.2	37	912	105.89	85.23
TTC19	124.94	218.91	0.57	chr17	17p12	52	707	120.26	67.62
CDHR1	15.59	27.31	0.57	chr10	10q23.1	43	948	149.93	162.38
Hs.733401	273.70	479.60	0.57	chr11	N/A	7	73	45.56	93.32
STXBP5-AS1	4.89	8.57	0.57	chr6	6q24.3	2	613	55.22	94.47
Hs.607277	32.73	57.36	0.57	chr1	N/A	10	28	28.66	51.40
Hs.733148	3.35	5.87	0.57	chr11	N/A	10	28	84.18	43.09
SIX6	15.28	26.78	0.57	chr14	14q23.1	28	546	61.75	142.68
Hs.666052	9.25	16.21	0.57	chr5	N/A	2	22	19.07	59.91
Hs.597626	17.16	30.08	0.57	chr15	N/A	7	73	83.50	120.75
TRIM41	55.34	96.99	0.57	chr5	5q35.3	43	601	123.63	59.84
Hs.600082	25.34	44.40	0.57	chr13	N/A	7	73	55.39	55.57
Hs.662643	5.70	9.99	0.57	chr12	N/A	7	73	50.80	100.37
Hs.652980	17.57	30.79	0.57	chr1	N/A	4	304	71.90	51.72
Hs.128757	11.94	20.92	0.57	chr7	N/A	8	377	97.43	56.60
Hs.631880	4.99	8.75	0.57	chr2	N/A	7	73	52.51	94.00
CRY1	50.60	88.69	0.57	chr12	12q23-q24.1	50	668	105.39	109.52
Hs.671801	9.70	17.00	0.57	chr9	N/A	2	16	43.14	30.08
Hs.667415	8.36	14.65	0.57	chr10	N/A	3	66	60.76	147.38
Hs.436393	5.09	8.93	0.57	chr1	N/A	1	304	0.00	53.43
VILL	19.13	33.53	0.57	chr3	3p21.3	28	551	41.47	85.81
APOBEC3B	15.66	27.46	0.57	chr22	22q13.1-q13.2	56	1071	90.65	146.82
OLFM3	5.53	9.69	0.57	chr1	1p22	20	692	61.36	148.12
P2RY4	21.25	37.26	0.57	chrX	Xq13	21	453	72.30	65.56
METTL18	23.05	40.41	0.57	chr1	1q24.2	33	572	68.79	49.94
Hs.594906	30.07	52.72	0.57	chr3	N/A	3	66	24.84	58.91
SEC63	67.75	118.81	0.57	chr6	6q21	88	2316	77.19	105.40
RNF214	38.01	66.65	0.57	chr11	11q23.3	36	536	75.40	54.62
Hs.665330	5.88	10.31	0.57	chr12	N/A	7	73	25.60	75.32
Hs.539013	6.83	11.97	0.57	chr11	N/A	17	146	86.43	149.67
Hs.710450	35.49	62.24	0.57	chr13	N/A	7	73	68.40	58.92
Hs.652196	95.23	167.04	0.57	chr5	N/A	17	101	176.69	178.60
Hs.734313	24.49	42.96	0.57	chr17	N/A	8	377	65.56	81.87
Hs.665088	10.78	18.91	0.57	chr18	N/A	1	304	0.00	69.17
PEX11A	23.52	41.27	0.57	chr15	15q26.1	42	1067	69.59	91.42
P2RX7	20.39	35.77	0.57	chr12	12q24	33	527	136.86	79.30
MYO7B	11.99	21.04	0.57	chr2	2q21.1	42	1456	116.76	125.72
Hs.571425	5.94	10.42	0.57	chr8	N/A	7	73	42.08	81.20
Hs.667970	12.09	21.21	0.57	chr7	N/A	7	73	58.25	88.10
Hs.662954	6.63	11.63	0.57	chr1	N/A	2	608	11.00	80.36
SMARCB1	41.91	73.55	0.57	chr22	22q11	63	1267	94.86	101.12
Hs.308629	5.11	8.97	0.57	chr3	N/A	1	304	0.00	75.35
THEM4	30.34	53.24	0.57	chr1	1q21	57	1235	77.17	67.92
SLA2	32.25	56.60	0.57	chr20	20q11.23	25	740	198.74	116.23
Hs.668181	5.73	10.05	0.57	chr10	N/A	2	22	44.25	54.18
Hs.146859	6.71	11.77	0.57	chr5	N/A	3	66	62.55	92.49
SRP68	158.20	277.72	0.57	chr17	17q25.1	50	643	121.66	84.76
RNGTT	31.01	54.45	0.57	chr6	6q16	38	1764	118.93	125.37
Hs.663008	10.52	18.47	0.57	chr13	N/A	1	304	0.00	62.98
Hs.666105	6.55	11.50	0.57	chr3	N/A	7	73	92.57	102.34
Hs.666815	9.39	16.48	0.57	chr11	N/A	7	73	45.80	66.44
Hs.657188	4.88	8.57	0.57	chr3	N/A	1	304	0.00	57.23
TAF3	35.60	62.51	0.57	chr10	10p15.1	50	629	68.32	72.24
Hs.603483	9.73	17.08	0.57	chr9	N/A	3	66	50.51	147.04
Hs.465730	7.91	13.89	0.57	chr16	N/A	14	146	65.52	81.27
Hs.280881	10.27	18.04	0.57	chr14	N/A	9	659	49.34	73.41
HHAT	17.84	31.34	0.57	chr1	1q32	30	585	48.28	70.21
Hs.600282	17.35	30.48	0.57	chr2	N/A	1	304	0.00	44.91
AKAP5	5.59	9.82	0.57	chr14	14q23.3	24	803	80.29	67.58
MT2A	932.03	1,637.32	0.57	chr16	16q13	37	587	62.01	104.50
BTC	10.29	18.09	0.57	chr4	4q13.3	47	678	118.05	591.57
Hs.602811	37.50	65.88	0.57	chr1	N/A	20	56	82.18	76.75
NKAIN4	15.54	27.30	0.57	chr20	20q13.33	29	1374	87.43	133.42
GRIP2	32.48	57.08	0.57	chr3	3p24-p23	59	962	115.46	90.18

ILF3	75.67	132.96	0.57	chr19	19p13.2	88	2452	82.69	70.71
Hs.734553	18.06	31.73	0.57	chr1	N/A	1	304	0.00	47.69
MAK16	42.08	73.95	0.57	chr8	8p12	23	499	63.97	34.91
LINC00635	9.71	17.06	0.57	chr3	3q13.12	18	405	142.01	181.36
Hs.712916	144.87	254.60	0.57	chr11	N/A	1	304	0.00	24.81
RNF43	25.92	45.56	0.57	chr17	17q22	30	577	70.15	74.19
RIPK3	23.50	41.31	0.57	chr14	14q11.2	26	471	80.18	73.75
ICA1L	15.98	28.08	0.57	chr2	2q33.2	75	1528	112.30	91.70
Hs.689470	24.64	43.30	0.57	chr7	N/A	10	28	46.57	44.44
ATP1B4	9.93	17.46	0.57	chrX	Xq24	46	931	97.95	222.86
LOC100272217	5.32	9.36	0.57	chr9	N/A	2	608	11.07	118.68
LCE3A	11.68	20.54	0.57	chr1	1q21.3	16	28	138.54	30.30
Hs.635059	6.27	11.03	0.57	chr19	N/A	7	73	33.81	73.88
UBAP2	86.23	151.58	0.57	chr9	9p13.3	35	1010	69.17	58.26
Hs.15671	60.42	106.22	0.57	chr1	N/A	1	304	0.00	25.21
Hs.732618	15.64	27.49	0.57	chr2	N/A	1	304	0.00	41.69
Hs.130026	6.49	11.41	0.57	chr18	N/A	7	73	51.66	103.64
ANKRD16	23.94	42.09	0.57	chr10	10p15.1	31	721	66.32	68.61
Hs.661731	12.76	22.43	0.57	chr1	N/A	1	304	0.00	70.81
AP3S1	226.22	397.82	0.57	chr5	5q22	37	638	77.61	54.01
Hs.666954	32.00	56.27	0.57	chr17	N/A	2	16	25.33	21.14
Hs.558864	3.27	5.75	0.57	chr16	N/A	2	22	9.56	71.66
KMT2E	115.74	203.56	0.57	chr7	7q22.1	68	1324	179.86	75.63
Hs.154827	9.19	16.17	0.57	chr7	N/A	2	22	6.21	60.61
Hs.597423	87.36	153.66	0.57	chr1	N/A	7	464	84.01	229.14
NFATC3	52.11	91.66	0.57	chr16	16q22.2	105	2740	102.84	100.95
Hs.649960	2.80	4.93	0.57	chr4	N/A	1	308	0.00	100.21
Hs.664536	14.57	25.62	0.57	chr18	N/A	7	73	87.61	82.12
TBL2	54.95	96.67	0.57	chr7	7q11.23	42	1070	61.18	254.39
MUC12	15.50	27.27	0.57	chr7	7q22	64	1141	96.66	245.49
IL15RA	41.90	73.71	0.57	chr10	10p15.1	45	685	63.60	117.05
LCP2	22.08	38.85	0.57	chr5	5q35.1	45	1973	93.37	158.05
UGT1A1	55.83	98.23	0.57	chr2	2q37	118	3806	353.24	259.85
NUPL1	31.07	54.66	0.57	chr13	13q12.13	63	1603	137.21	93.66
CTTNBP2	24.26	42.68	0.57	chr7	7q31	22	455	253.46	92.92
RCOR3	67.41	118.61	0.57	chr1	1q32.2	56	966	140.28	91.52
Hs.555158	6.01	10.58	0.57	chr16	N/A	2	608	14.48	69.29
NDP	29.23	51.45	0.57	chrX	Xp11.4	30	569	147.65	144.36
SNX21	45.82	80.63	0.57	chr20	20q13.12	61	1237	91.17	74.76
Hs.666762	8.97	15.79	0.57	chr5	N/A	7	73	64.60	58.29
Hs.665543	7.83	13.78	0.57	chr17	N/A	7	83	57.86	95.19
RAB3GAP2	52.46	92.32	0.57	chr1	1q41	73	2133	143.95	119.21
VWA9	38.71	68.14	0.57	chr15	15q22.31	48	910	90.36	90.96
Hs.664779	9.52	16.76	0.57	chr3	N/A	7	73	70.79	72.18
ADD2	19.57	34.46	0.57	chr2	2p13.3	101	1688	227.05	114.40
ABCC12	9.18	16.16	0.57	chr16	16q12.1	24	792	91.54	112.77
SERINC1	239.30	421.31	0.57	chr6	6q22.31	40	600	105.12	82.00
CLN6	20.40	35.91	0.57	chr15	15q23	27	2272	65.54	116.77
Hs.666590	7.69	13.54	0.57	chr6	N/A	7	73	74.57	102.44
IPO4	46.46	81.79	0.57	chr14	14q12	28	529	85.45	94.18
PGPEP1	37.90	66.73	0.57	chr19	19p13.11	86	1864	82.25	101.18
PTPN22	7.40	13.02	0.57	chr1	1p13.2	64	1795	86.69	168.72
USH1C	20.32	35.78	0.57	chr11	11p14.3	51	1400	98.17	111.01
Hs.666020	188.41	331.80	0.57	chr4	N/A	7	73	76.17	91.53
PAK7	9.59	16.89	0.57	chr20	20p12	31	916	97.91	112.98
SELPLG	38.52	67.84	0.57	chr12	12q24	35	997	70.37	100.84
Hs.658849	22.47	39.57	0.57	chr1	N/A	7	73	86.85	57.05
Hs.734464	20.98	36.94	0.57	chr17	N/A	1	304	0.00	48.68
Hs.126020	7.10	12.50	0.57	chr5	N/A	7	73	52.32	95.10
SYS1	48.98	86.27	0.57	chr20	20q13.12	34	1424	103.25	408.22
Hs.666880	9.88	17.41	0.57	chr11	N/A	2	22	17.75	54.28
KCNAB1-AS1	5.56	9.80	0.57	chr3	N/A	2	22	49.93	76.70
BFAR	65.60	115.56	0.57	chr16	16p13.12	38	563	88.56	49.28
Hs.604440	11.56	20.36	0.57	chr3	N/A	7	73	60.12	75.81
LRCH1	28.52	50.25	0.57	chr13	13q14.11	56	1387	116.84	102.02
GCA	76.37	134.55	0.57	chr2	2q24.2	40	650	141.25	180.41
Hs.201776	58.40	102.90	0.57	chr19	N/A	8	377	45.96	234.05
CHST14	50.66	89.26	0.57	chr15	15q15.1	36	497	70.76	53.74
Hs.379222	4.54	7.99	0.57	chr2	N/A	1	304	0.00	71.72
STAT3	167.27	294.75	0.57	chr17	17q21.31	112	1768	145.67	92.24
CTDSPL2	24.94	43.94	0.57	chr15	15q15.3-q21.1	56	1271	133.89	101.71
MS4A7	42.34	74.62	0.57	chr11	11q12	46	1237	67.60	144.11
FABP6	22.43	39.53	0.57	chr5	5q33.3-q34	33	577	160.39	919.13
Hs.656764	12.27	21.62	0.57	chr20	N/A	7	73	61.93	74.29
Hs.662801	9.68	17.06	0.57	chr4	N/A	7	73	69.10	74.33
CNPY4	41.83	73.73	0.57	chr7	7q22.1	40	889	125.58	106.02
BTN2A1	56.63	99.80	0.57	chr6	6p22.1	59	1800	102.25	90.36
PSMD5	40.14	70.74	0.57	chr9	9q33.2	52	1093	94.92	95.05
Hs.662447	6.35	11.20	0.57	chr6	N/A	7	73	96.33	84.95
QSOX2	27.91	49.20	0.57	chr9	9q34.3	35	739	92.82	93.97
TOB1	241.31	425.35	0.57	chr17	17q21.1	38	954	152.75	104.34
Hs.531002	9.48	16.71	0.57	chr13	N/A	7	73	43.20	65.53
IGHE	18.52	32.65	0.57	chr14	14q32.33	2	39	29.94	116.49
Hs.667694	14.00	24.68	0.57	chr7	N/A	8	377	49.67	57.66
Hs.635142	8.12	14.32	0.57	chr9	N/A	3	66	28.08	217.03
ZNF812	69.96	123.35	0.57	chr19	19p13.2	9	89	70.70	74.16
Hs.663140	3.09	5.44	0.57	chr3	N/A	1	304	0.00	88.92
SLC25A19	34.38	60.62	0.57	chr17	17q25.3	24	417	101.83	71.08
JRK	32.09	56.58	0.57	chr8	8q24.3	65	2460	152.25	99.30
SSX2	14.26	25.14	0.57	chrX	Xp11.22	55	1355	121.73	169.71
Hs.600900	9.93	17.51	0.57	chr7	N/A	14	146	72.26	82.52
Hs.675857	3.01	5.31	0.57	chr11	N/A	1	304	0.00	84.08
FO XK2	27.75	48.93	0.57	chr17	17q25	82	2406	91.87	76.97

ABCB10	38.87	68.54	0.57	chr1	1q42.13	71	737	82.12	114.09
ETV7	19.80	34.92	0.57	chr6	6p21	22	760	115.45	84.67
Hs.537760	4.68	8.26	0.57	chr1	N/A	7	73	86.41	62.82
NUBP2	42.15	74.33	0.57	chr16	16p13.3	28	537	109.79	68.29
SPOP	98.60	173.89	0.57	chr17	17q21.33	62	1111	145.46	127.63
Hs.720452	63.19	111.45	0.57	chr8	N/A	7	73	29.69	58.28
Hs.599643	56.05	98.86	0.57	chr7	N/A	7	73	81.28	138.92
ASB6	29.87	52.69	0.57	chr9	9q34.13	45	527	67.54	62.97
Hs.733971	9.56	16.87	0.57	chr16	N/A	5	420	19.96	68.21
YTHDC1	60.89	107.42	0.57	chr4	4q13.2	89	1902	188.44	155.80
SEC16B	31.00	54.69	0.57	chr1	1q25.2	43	1505	106.75	494.46
PHLDA1	48.27	85.17	0.57	chr12	12q15	100	2837	156.20	185.02
WIBG	51.41	90.71	0.57	chr12	12q13.2	46	918	91.37	60.43
Hs.603784	16.54	29.18	0.57	chr10	N/A	7	73	110.78	73.89
Hs.724798	18.75	33.08	0.57	chr9	N/A	7	73	87.96	82.02
Hs.734136	10.30	18.18	0.57	chr10	N/A	3	66	38.46	122.70
LINC00687	5.40	9.53	0.57	chr20	20p12.2	2	22	49.98	68.78
Hs.550187	6.11	10.78	0.57	chr4	N/A	4	304	62.49	187.34
Hs.146929	32.17	56.77	0.57	chr19	N/A	3	66	71.71	238.21
Hs.720884	219.52	387.40	0.57	chr5	N/A	7	73	78.53	92.91
CCRL1	15.01	26.50	0.57	chr3	3q22	40	531	61.06	158.00
Hs.718749	31.58	55.73	0.57	chr6	N/A	5	51	15.17	67.04
FCGR2B	55.49	97.93	0.57	chr1	1q23	49	756	113.22	187.02
CACNG5	14.90	26.29	0.57	chr17	17q24	38	796	75.82	80.35
ARHGEF38-IT1	6.76	11.94	0.57	chr4	N/A	2	22	57.75	107.99
LINC00636	13.30	23.48	0.57	chr3	3q13.12	8	377	80.36	61.86
POR	61.06	107.79	0.57	chr7	7q11.2	44	718	91.35	124.63
GARNL3	43.83	77.38	0.57	chr9	9q33.3	47	829	236.46	227.69
LPPR4	19.75	34.86	0.57	chr1	1p21.2	38	619	198.13	120.32
CD109	37.72	66.58	0.57	chr6	6q13	74	1586	92.23	290.75
HSFY2	6.20	10.95	0.57	chrY	Yq11.222	35	56	74.33	203.31
GALNT13	10.26	18.12	0.57	chr2	2q24.1	36	1046	230.96	104.54
C1orf52	57.16	100.92	0.57	chr1	1p22.3	37	801	118.40	92.71
Hs.660311	8.48	14.97	0.57	chr10	N/A	3	66	57.39	73.48
H1FOO	7.52	13.27	0.57	chr3	3q22.1	19	388	40.87	72.52
SLU7	53.94	95.25	0.57	chr5	5q33.3	37	765	52.20	45.82
FURIN	72.91	128.76	0.57	chr15	15q26.1	30	577	99.74	111.02
LYPD1	16.67	29.43	0.57	chr2	2q21.2	81	961	119.92	149.98
Hs.634733	6.55	11.56	0.57	chr10	N/A	7	73	64.24	104.48
Hs.599692	15.07	26.62	0.57	chr10	N/A	3	66	71.99	113.64
Hs.491869	12.78	22.57	0.57	chr8	N/A	7	73	64.89	158.24
SLC25A10	22.57	39.86	0.57	chr17	17q25.3	24	469	94.56	95.79
Hs.603817	14.41	25.45	0.57	chr4	N/A	7	73	66.09	57.57
Hs.131563	12.25	21.64	0.57	chr20	N/A	7	73	113.57	123.46
SYT8	34.42	60.80	0.57	chr11	11p15.5	19	391	219.78	111.75
UTP18	44.98	79.46	0.57	chr17	17q21.33	35	1001	67.82	105.60
Hs.671330	50.48	89.19	0.57	chr20	N/A	1	304	0.00	51.28
SERPING1	444.08	784.55	0.57	chr11	11q12.1	45	701	159.49	144.93
RNPS1	163.98	289.73	0.57	chr16	16p13.3	56	1044	114.90	94.03
C19orf69	10.18	17.99	0.57	chr19	19q13.2	3	320	27.29	74.15
Hs.677185	17.96	31.74	0.57	chr22	N/A	1	304	0.00	39.80
Hs.603717	22.07	38.99	0.57	chr6	N/A	2	22	20.74	46.05
Hs.679390	12.04	21.28	0.57	chr2	N/A	1	304	0.00	77.90
WDR53	28.41	50.21	0.57	chr3	3q29	26	469	52.12	209.47
MAMSTR	38.85	68.64	0.57	chr19	19q13.33	17	333	60.43	47.50
ZBTB26	13.66	24.13	0.57	chr9	9q33.2	43	559	89.22	88.39
Hs.244772	6.63	11.72	0.57	chr7	N/A	15	456	67.95	77.87
Hs.520248	7.27	12.84	0.57	chr6	N/A	2	22	109.18	77.29
Hs.570630	5.14	9.09	0.57	chr3	N/A	4	304	20.53	57.00
TAF5	20.10	35.52	0.57	chr10	10q24-q25.2	33	916	73.05	73.18
Hs.676831	13.95	24.66	0.57	chr11	N/A	5	420	70.03	62.43
Hs.603124	6.00	10.60	0.57	chr3	N/A	2	22	27.06	69.12
Hs.124543	9.69	17.13	0.57	chr1	N/A	10	73	117.55	214.66
Hs.657657	8.95	15.82	0.57	chr9	N/A	9	681	36.75	83.05
Hs.544351	7.08	12.51	0.57	chr6	N/A	10	73	121.93	123.74
ANGEL1	44.11	77.98	0.57	chr14	14q24.3	35	986	75.03	58.44
LOC100505729	9.17	16.21	0.57	chr3	N/A	13	442	73.94	116.01
Hs.722463	38.37	67.84	0.57	chr22	N/A	11	151	116.03	122.60
Hs.596112	28.60	50.57	0.57	chr16	N/A	24	760	213.88	322.73
Hs.658503	6.36	11.25	0.57	chr17	N/A	7	73	125.19	69.50
MOGAT1	17.03	30.12	0.57	chr2	2q36.1	19	389	121.37	128.50
CAAP1	27.22	48.13	0.57	chr9	9p21.2	37	1214	111.03	112.03
Hs.542574	6.72	11.89	0.57	chr21	N/A	7	73	55.64	70.57
IGFL2	16.16	28.57	0.57	chr19	19q13.32	26	457	90.80	112.05
CLOCK	56.22	99.43	0.57	chr4	4q12	54	1694	118.62	76.15
RRP1	33.86	59.88	0.57	chr21	21q22.3	39	867	105.32	52.04
CIITA	17.51	30.97	0.57	chr16	16p13	76	1603	76.40	104.15
Hs.597128	6.83	12.08	0.57	chr15	N/A	7	73	55.31	102.45
LPPR2	43.54	77.02	0.57	chr19	19p13.2	42	981	117.38	122.59
Hs.112789	10.20	18.04	0.57	chr20	N/A	10	73	60.53	141.81
Hs.666128	8.24	14.58	0.57	chr13	N/A	10	73	51.11	97.86
GIP	10.90	19.28	0.57	chr17	17q21.3-q22	23	493	145.30	258.22
BMPRI1A	41.01	72.56	0.57	chr10	10q22.3	76	1301	113.03	101.22
Hs.658662	36.38	64.36	0.57	chr1	N/A	7	73	65.33	44.79
Hs.661268	15.16	26.83	0.57	chr7	N/A	1	304	0.00	64.09
NSD1	23.49	41.56	0.57	chr5	5q35	76	1737	80.22	66.79
Hs.666669	9.97	17.65	0.57	chr12	N/A	2	22	34.40	59.31
Hs.658233	15.63	27.66	0.57	chr1	N/A	1	304	0.00	102.20
Hs.540910	8.27	14.64	0.57	chr17	N/A	6	66	64.44	67.54
LOC100127947	21.34	37.76	0.57	chr1	1p34.3	7	73	82.81	91.11
LOC100505739	8.41	14.88	0.57	chr8	N/A	7	73	92.93	79.21
METTL17	83.77	148.26	0.57	chr14	14q11.2	44	1517	124.54	74.56
EFNA5	22.75	40.26	0.57	chr5	5q21	72	1497	126.09	118.29

Hs.356273	75.59	133.78	0.57	chr20	N/A	1	304	0.00	35.22
Hs.597993	18.89	33.44	0.56	chr12	N/A	1	304	0.00	155.33
SLC9A6	73.85	130.72	0.56	chrX	Xq26.3	46	604	122.64	85.70
TIFA	37.14	65.75	0.56	chr4	4q25	37	797	114.50	107.77
FAM212A	29.10	51.52	0.56	chr3	3p21.31	26	459	87.49	94.68
Hs.732080	19.95	35.33	0.56	chr8	N/A	18	405	132.82	112.79
GNA15	27.86	49.32	0.56	chr19	19p13.3	30	575	73.35	125.06
ATF1	27.05	47.88	0.56	chr12	12q13	39	1264	80.12	77.98
Hs.667440	7.66	13.55	0.56	chr20	N/A	3	66	7.87	55.26
Hs.124173	14.09	24.94	0.56	chr20	N/A	11	377	69.71	416.36
ZNF696	19.67	34.82	0.56	chr8	8q24.3	29	834	94.35	84.70
ZDHH17	34.80	61.62	0.56	chr12	12q21.2	81	1687	124.92	129.98
CXADR	65.90	116.68	0.56	chr21	21q21.1	72	1757	136.42	156.30
Hs.733262	19.61	34.73	0.56	chr7	N/A	4	370	73.93	98.29
Hs.696718	14.11	24.99	0.56	chr2	N/A	7	73	52.99	64.96
Hs.585960	8.54	15.12	0.56	chr2	N/A	7	73	47.03	87.73
FUOM	47.64	84.37	0.56	chr10	10q26.3	29	412	88.26	177.64
PRSS21	21.16	37.47	0.56	chr16	16p13.3	41	555	99.83	169.31
Hs.634629	45.20	80.06	0.56	chr14	N/A	3	66	12.60	117.53
MILR1	8.97	15.88	0.56	chr17	17q23.3	18	452	52.27	76.66
IDNK	35.55	62.96	0.56	chr9	9q21.32	26	469	92.47	72.34
GJB4	14.61	25.88	0.56	chr1	1p34.3	21	457	79.97	103.57
DLG1	38.88	68.87	0.56	chr3	3q29	95	2520	110.17	136.99
Hs.716702	18.06	31.99	0.56	chr10	N/A	10	139	72.40	70.45
Hs.663795	6.11	10.82	0.56	chr3	N/A	1	304	0.00	58.40
RALA	93.08	164.92	0.56	chr7	7p15-p13	70	1147	165.56	100.06
MOB3C	40.06	70.97	0.56	chr1	1p33	43	801	111.56	71.48
SNRNP40	40.15	71.15	0.56	chr1	1p35.2	50	690	120.27	58.39
LOC729915	15.97	28.30	0.56	chr5	5p13.2	2	16	53.61	96.86
TIGIT	13.29	23.54	0.56	chr3	3q13.31	19	386	120.46	104.71
GRIK1-AS1	9.09	16.12	0.56	chr21	21q22.11	8	381	54.08	48.58
Hs.667014	7.91	14.02	0.56	chr19	N/A	3	66	42.54	71.84
Hs.700876	8.09	14.33	0.56	chr18	N/A	10	28	57.08	72.14
Hs.660380	8.67	15.37	0.56	chr11	N/A	7	73	84.63	104.84
Hs.634035	14.06	24.91	0.56	chr3	N/A	7	73	87.25	64.80
ZNF575	30.94	54.83	0.56	chr19	19q13.31	31	476	131.78	89.75
Hs.606581	18.19	32.25	0.56	chr19	N/A	12	636	39.55	73.90
IFT80	35.79	63.44	0.56	chr3	3q25.33	66	1559	194.07	108.71
TUBGCP3	19.00	33.68	0.56	chr13	13q34	72	1558	75.70	94.09
BEAN1	13.44	23.83	0.56	chr16	16q21	31	685	74.85	118.98
Hs.579166	15.46	27.42	0.56	chr17	N/A	8	12	10.74	49.65
FAM136A	89.50	158.68	0.56	chr2	2p13.3	27	186	62.14	109.97
NKAIN3	12.49	22.14	0.56	chr8	8q12.3	17	336	128.94	50.92
Hs.602175	9.44	16.74	0.56	chr3	N/A	7	73	42.18	68.20
Hs.649316	10.44	18.51	0.56	chr3	N/A	2	22	67.30	82.20
TAGLN2	222.28	394.13	0.56	chr1	1q21-q25	59	1039	105.56	91.03
Hs.596130	26.65	47.26	0.56	chr6	N/A	1	304	0.00	95.18
Hs.599839	32.75	58.08	0.56	chr2	N/A	10	73	103.66	124.73
Hs.128896	6.72	11.91	0.56	chr16	N/A	14	146	41.27	72.80
Hs.560456	8.40	14.91	0.56	chr16	N/A	18	405	100.44	50.71
HMOX1	130.02	230.59	0.56	chr22	22q13.1	53	772	104.69	130.87
SERPINF1	360.44	639.26	0.56	chr17	17p13.3	28	555	66.62	103.46
Hs.663705	28.86	51.18	0.56	chr3	N/A	1	304	0.00	65.09
PAK4	51.07	90.58	0.56	chr19	19q13.2	46	1417	86.27	97.43
CD300C	16.67	29.56	0.56	chr17	17q25.1	37	646	153.43	79.61
C10orf137	18.91	33.54	0.56	chr10	10q26.13	64	1564	90.30	125.58
Hs.664343	6.17	10.94	0.56	chr8	N/A	14	146	64.96	102.95
ARC	17.27	30.63	0.56	chr8	8q24.3	30	560	103.85	114.43
RALBP1	71.63	127.06	0.56	chr18	18p11.3	56	1369	95.01	79.21
Hs.732774	44.62	79.16	0.56	chr3	N/A	7	73	171.55	67.33
KLRG1	28.13	49.90	0.56	chr12	12p13.31	43	597	88.75	77.20
Hs.663102	61.38	108.89	0.56	chr3	N/A	14	146	87.58	76.72
Hs.701074	7.88	13.98	0.56	chr16	N/A	3	66	59.63	82.43
Hs.665793	6.32	11.21	0.56	chr7	N/A	7	73	56.46	107.17
Hs.544767	12.22	21.68	0.56	chr6	N/A	8	377	47.67	51.47
DKFZP434I0714	23.25	41.25	0.56	chr4	4q31.23	31	471	91.25	116.74
ATF6	47.49	84.26	0.56	chr1	1q22-q23	83	1931	127.59	87.99
ZMYND8	42.46	75.34	0.56	chr20	20q13.12	160	3651	240.89	121.74
Hs.729305	13.05	23.16	0.56	chr7	N/A	2	608	19.28	73.62
ERCC6	19.54	34.68	0.56	chr10	10q11.23	75	1551	101.72	63.36
WHSC1	24.28	43.09	0.56	chr4	4p16.3	133	2299	83.14	88.04
Hs.662563	7.16	12.71	0.56	chr12	N/A	18	405	92.76	75.29
HAUS3	25.67	45.55	0.56	chr4	4p16.3	32	577	96.49	80.73
Hs.667602	17.36	30.82	0.56	chr1	N/A	1	304	0.00	44.45
HMGN5	16.61	29.48	0.56	chrX	Xq13.3	129	1057	80.24	133.76
PTPN18	45.76	81.21	0.56	chr2	2q21.1	45	1394	79.08	76.52
SNUPN	56.72	100.68	0.56	chr15	15q24.2	43	605	75.90	61.69
GLDC	37.47	66.52	0.56	chr9	9p22	27	576	167.59	157.48
Hs.127990	7.04	12.50	0.56	chr20	N/A	10	73	45.36	102.43
Hs.703446	22.85	40.56	0.56	chr4	N/A	8	377	86.83	54.43
Hs.126622	4.52	8.02	0.56	chr8	N/A	6	326	25.31	79.58
PDZD3	16.36	29.04	0.56	chr11	11q23.3	39	854	125.66	98.58
LTB4R2	37.17	65.97	0.56	chr14	14q11.2-q12	59	1029	152.53	181.19
RPL24	1,295.44	2,299.55	0.56	chr3	3q12	44	1025	84.27	50.37
Hs.645803	14.85	26.35	0.56	chr12	N/A	7	73	88.55	68.01
Hs.661676	6.44	11.43	0.56	chr2	N/A	1	304	0.00	59.63
DDRGK1	88.23	156.63	0.56	chr20	20p13	28	533	65.54	42.53
Hs.667459	8.79	15.60	0.56	chr14	N/A	3	66	31.59	63.03
Hs.569369	6.42	11.40	0.56	chr14	N/A	7	73	49.51	77.86
Hs.151204	5.07	9.00	0.56	chr18	N/A	2	22	2.56	101.37
Hs.512038	7.21	12.81	0.56	chr1	N/A	2	22	43.25	50.90
MORC2	53.67	95.30	0.56	chr22	22q12.2	45	1019	95.00	92.63
Hs.633573	23.56	41.84	0.56	chr10	N/A	3	66	66.53	41.79

RGS19	65.58	116.47	0.56	chr20	20q13.33	30	567	102.64	102.59
KIR2DS4	11.08	19.69	0.56	chr19	19q13.4	33	88	62.89	113.73
Hs.656906	9.28	16.48	0.56	chr1	N/A	7	73	66.96	71.09
ITGB3	13.74	24.41	0.56	chr17	17q21.32	109	3436	107.17	86.33
Hs.596842	25.69	45.63	0.56	chr15	N/A	7	73	62.34	80.30
TPD52L1	132.78	235.89	0.56	chr6	6q22-q23	42	936	100.19	134.06
SMIM20	69.13	122.81	0.56	chr4	4p15.2	18	417	50.41	48.13
Hs.122840	11.71	20.81	0.56	chr15	N/A	10	73	78.38	80.08
SAMD1	32.50	57.74	0.56	chr19	19p13.12	54	902	131.70	77.36
Hs.127840	16.40	29.14	0.56	chrX	N/A	7	73	102.01	125.24
UHRF1BP1	16.91	30.04	0.56	chr6	6p21	38	728	157.54	91.09
LITAF	140.52	249.68	0.56	chr16	16p13.13	55	1441	163.17	94.45
HCK	36.43	64.74	0.56	chr20	20q11-q12	32	616	90.79	148.38
AP5B1	27.47	48.82	0.56	chr11	11q13.1	46	531	147.30	72.52
TTL12	75.42	134.04	0.56	chr22	22q13.31	38	949	104.47	85.43
Hs.143730	7.54	13.40	0.56	chr22	N/A	2	22	18.44	56.28
TRAM2	48.32	85.87	0.56	chr6	6p21.1-p12	53	1400	68.65	81.13
ZWILCH	35.59	63.26	0.56	chr15	15q22.31	35	837	321.33	247.44
EPT1	32.06	56.98	0.56	chr2	2p23.3	43	1116	80.51	88.42
RNFT2	16.09	28.60	0.56	chr12	12q24.22	55	1433	175.37	130.23
SNPH	33.88	60.22	0.56	chr20	20p13	28	549	42.04	108.35
CREG1	247.20	439.41	0.56	chr1	1q24	27	577	121.89	92.46
WNT9B	7.29	12.95	0.56	chr17	17q21	19	385	42.85	59.52
COPB1	164.64	292.67	0.56	chr11	11p15.2	43	1374	139.58	96.51
TTBK2	12.90	22.92	0.56	chr15	15q15.2	39	1809	98.28	116.22
TRA	32.92	58.52	0.56	chr14	14q11.2	10	195	84.64	218.71
HSPBAP1	32.79	58.30	0.56	chr3	3q21.1	28	545	58.94	61.70
BATF3	30.12	53.54	0.56	chr1	1q32.3	18	464	62.19	65.21
Hs.709005	21.75	38.68	0.56	chr1	N/A	8	51	30.76	69.83
LINGO3	24.06	42.78	0.56	chr19	19p13.3	2	608	115.89	112.59
Hs.661006	63.72	113.31	0.56	chr7	N/A	7	73	48.76	45.25
XYLB	7.20	12.81	0.56	chr3	3p22-p21.3	44	1667	58.44	258.46
LOC100128361	19.58	34.82	0.56	chr9	9q22.31	14	401	178.87	44.73
LOC729177	14.27	25.38	0.56	chr6	6p22.3	9	681	89.05	80.17
LTK	17.89	31.82	0.56	chr15	15q15.1-q21.1	40	1030	87.28	77.72
Hs.730747	85.19	151.52	0.56	chr5	N/A	8	377	99.30	49.05
Hs.595874	57.68	102.59	0.56	chr15	N/A	14	532	180.66	108.17
Hs.733384	15.85	28.19	0.56	chr4	N/A	17	146	60.80	66.12
Hs.369677	12.69	22.58	0.56	chr9	N/A	7	73	51.12	93.97
Hs.144894	4.38	7.80	0.56	chr3	N/A	2	22	17.04	62.82
Hs.673583	5.47	9.74	0.56	chr17	N/A	1	304	0.00	61.84
PCDH1	26.95	47.94	0.56	chr5	5q31.3	60	1135	82.08	90.41
Hs.661380	77.49	137.87	0.56	chr9	N/A	15	450	140.41	69.55
MED1	45.96	81.78	0.56	chr17	17q12	69	1785	98.01	64.62
TMEM120B	23.84	42.41	0.56	chr12	12q24.31	5	420	33.17	53.46
Hs.149691	7.24	12.89	0.56	chrX	N/A	7	73	31.20	56.23
Hs.320872	10.52	18.72	0.56	chr5	N/A	5	51	92.93	75.29
SPOPL	42.49	75.61	0.56	chr2	2q22.1	47	862	114.64	72.11
LIN28B	5.48	9.76	0.56	chr6	6q21	36	485	109.27	99.24
CEP44	26.91	47.90	0.56	chr4	4q34	43	1147	92.73	171.84
LOC100505853	13.17	23.44	0.56	chr18	N/A	4	304	73.02	63.53
PDILT	7.01	12.47	0.56	chr16	16p12.3	21	436	71.57	151.82
IFNAR2	34.67	61.71	0.56	chr21	21q22.11	38	1002	110.71	84.42
Hs.603429	3.71	6.60	0.56	chr17	N/A	2	22	16.15	86.11
CRP	17.28	30.75	0.56	chr1	1q23.2	33	970	77.29	520.63
Hs.614586	35.27	62.78	0.56	chr6	N/A	1	304	0.00	120.89
Hs.596609	11.95	21.27	0.56	chr21	N/A	7	73	93.05	64.44
DICER1	67.47	120.12	0.56	chr14	14q32.13	115	3003	145.12	127.95
Hs.543495	11.37	20.24	0.56	chr4	N/A	5	22	91.43	100.57
Hs.652488	2.93	5.23	0.56	chr5	N/A	11	332	52.38	91.30
Hs.293796	64.11	114.15	0.56	chr5	N/A	8	377	89.28	47.42
CEBPB	377.14	671.59	0.56	chr20	20q13.1	68	776	101.91	94.38
HRNR	13.96	24.85	0.56	chr1	1q21.3	5	52	41.31	71.48
OSMR	20.62	36.71	0.56	chr5	5p13.1	60	1045	108.46	88.86
LOC399715	18.90	33.66	0.56	chr10	10p15.1	16	73	104.58	130.20
ELMO3	25.83	46.01	0.56	chr16	16q22.1	28	533	145.94	76.96
IZUMO1	4.52	8.04	0.56	chr19	19q13.33	22	356	51.95	189.60
RPL7A	1,163.29	2,071.77	0.56	chr9	9q34	85	1884	84.27	76.92
Hs.663912	9.17	16.33	0.56	chr6	N/A	7	73	71.06	133.18
Hs.149381	21.83	38.89	0.56	chr3	N/A	7	73	32.49	75.94
VPS37B	41.88	74.59	0.56	chr12	12q24.31	35	606	112.83	88.36
Hs.190342	9.82	17.49	0.56	chr1	N/A	7	73	58.84	78.03
Hs.125646	7.60	13.54	0.56	chr6	N/A	7	73	43.95	83.24
GRWD1	44.12	78.60	0.56	chr19	19q13.33	32	539	127.11	88.47
Hs.664096	4.94	8.81	0.56	chr1	N/A	7	73	70.35	47.54
Hs.283819	20.99	37.39	0.56	chr3	N/A	17	487	128.19	79.84
Hs.740776	38.63	68.81	0.56	chr22	N/A	12	498	89.57	58.47
Hs.656359	9.12	16.25	0.56	chr2	N/A	7	73	109.07	116.41
DPPA2	6.79	12.09	0.56	chr3	3q13.13	26	457	63.41	84.80
COL16A1	59.93	106.78	0.56	chr1	1p35-p34	49	947	71.96	118.24
TMEM106B	111.07	197.91	0.56	chr7	7p21.3	58	1619	123.85	94.05
Hs.363342	11.62	20.70	0.56	chr12	N/A	8	377	102.76	74.84
Hs.655035	7.74	13.80	0.56	chr1	N/A	2	22	14.74	65.49
Hs.664726	12.86	22.91	0.56	chr20	N/A	14	532	60.89	70.65
Hs.657959	15.35	27.35	0.56	chr12	N/A	7	73	39.04	71.66
TFEC	7.71	13.75	0.56	chr7	7q31.2	46	1172	81.20	131.44
Hs.289059	19.51	34.77	0.56	chr4	N/A	1	304	0.00	61.85
Hs.544029	12.14	21.65	0.56	chr5	N/A	10	73	45.65	60.61
TYW1B	28.51	50.83	0.56	chr7	7q11.23	2	52	13.18	58.43
PWRN1	6.71	11.97	0.56	chr15	15q11.2	11	1289	42.37	165.21
SH3GL3	28.66	51.09	0.56	chr15	15q24	44	1518	103.99	138.38
ZNF621	23.08	41.15	0.56	chr3	3p22.1	28	1065	89.91	67.82
LOC100506036	15.80	28.18	0.56	chr2	N/A	5	22	56.39	158.25

Hs.604408	11.83	21.10	0.56	chr3	N/A	7	73	75.56	76.70
Hs.661982	8.05	14.35	0.56	chr13	N/A	7	73	72.73	81.81
NUP43	52.74	94.06	0.56	chr6	6q25.1	66	1039	144.13	112.99
DNMT3B	20.02	35.70	0.56	chr20	20q11.2	40	526	87.20	82.20
PDZD8	29.95	53.41	0.56	chr10	10q26.12	32	794	142.60	237.94
CCDC66	23.11	41.22	0.56	chr3	3p14.3	32	737	108.78	86.09
Hs.659501	5.90	10.53	0.56	chr21	N/A	1	44	0.00	80.16
Hs.696110	17.66	31.50	0.56	chr15	N/A	7	73	91.75	61.70
SPDYE5	20.70	36.94	0.56	chr7	7q11.23	9	89	166.13	75.02
Hs.597551	19.36	34.54	0.56	chr18	N/A	7	73	115.59	67.07
PNISR	145.09	258.87	0.56	chr6	6q16.3	86	2651	149.38	108.81
Hs.677117	22.97	40.98	0.56	chr10	N/A	1	304	0.00	58.19
Hs.575365	8.72	15.56	0.56	chr6	N/A	7	73	52.53	116.83
Hs.667999	25.69	45.84	0.56	chr17	N/A	3	66	40.27	49.52
PKD1L2	14.49	25.85	0.56	chr16	16q23.2	52	1469	84.13	105.51
Hs.653381	29.86	53.28	0.56	chr10	N/A	1	304	0.00	57.05
OR6A2	13.11	23.40	0.56	chr11	11p15	21	456	80.95	60.56
HLA-A	736.90	1,315.24	0.56	chr6	6p21.3	71	1193	141.71	113.93
U2SURP	44.29	79.05	0.56	chr3	3q23	66	2149	245.50	96.15
Hs.633105	23.14	41.30	0.56	chr9	N/A	8	377	57.10	57.33
GYPB	23.44	41.84	0.56	chr4	4q31.21	79	2060	115.30	234.91
Hs.148998	11.86	21.18	0.56	chr12	N/A	5	22	65.38	109.75
Hs.603310	16.55	29.54	0.56	chr20	N/A	1	304	0.00	49.86
TMED9	132.83	237.22	0.56	chr5	5q35.3	30	572	85.07	58.15
GMPPA	32.48	58.01	0.56	chr2	2q35	34	492	158.02	71.57
GNG12	115.80	206.80	0.56	chr1	1p31.3	43	1338	166.28	110.49
CXorf57	9.00	16.08	0.56	chrX	Xq22.3	43	971	126.94	178.19
Hs.106532	18.36	32.79	0.56	chr19	N/A	10	73	103.40	63.76
Hs.590017	7.91	14.13	0.56	chr3	N/A	7	73	55.03	105.07
NEMF	75.77	135.35	0.56	chr14	14q22	45	1568	66.11	82.01
Hs.150092	11.60	20.73	0.56	chr5	N/A	11	377	84.96	46.33
Hs.603369	6.71	11.98	0.56	chr7	N/A	2	22	43.36	44.50
SLC35G1	24.81	44.33	0.56	chr10	10q23.33	20	699	91.32	68.54
RSPH10B	12.53	22.39	0.56	chr7	7p22.1	29	333	97.67	202.85
Hs.659882	34.87	62.30	0.56	chr15	N/A	1	304	0.00	33.59
NR4A3	23.07	41.22	0.56	chr9	9q22	72	1589	97.52	171.39
BMS1	55.16	98.58	0.56	chr10	10q11.21	82	788	120.29	59.97
Hs.741696	8.64	15.43	0.56	chr11	N/A	8	377	68.87	53.30
Hs.744382	34.94	62.44	0.56	chr21	N/A	7	73	77.01	123.03
Hs.154618	6.63	11.85	0.56	chr12	N/A	5	22	40.57	124.27
RNF17	8.66	15.48	0.56	chr13	13q12.12	60	1538	115.40	125.96
GNB2	127.69	228.24	0.56	chr7	7q22	40	630	118.06	51.50
GLT8D2	52.43	93.73	0.56	chr12	12q	29	841	91.03	84.17
VCX2	21.27	38.02	0.56	chrX	Xp22.32	51	923	235.96	485.05
C1orf198	159.12	284.50	0.56	chr1	1q42.2	43	570	131.67	121.31
EVC	18.07	32.31	0.56	chr4	4p16	40	1208	108.79	102.46
LEMD1-AS1	4.81	8.61	0.56	chr1	1q32.1	2	608	36.30	189.08
RASA4	36.87	65.93	0.56	chr7	7q22	37	981	115.28	111.70
Hs.659589	9.14	16.35	0.56	chr6	N/A	7	73	109.21	91.40
SLC5A8	24.66	44.10	0.56	chr12	12q23.1	39	688	158.20	145.17
LRP1B	15.15	27.09	0.56	chr2	2q21.2	32	636	130.66	145.30
Hs.599827	91.20	163.10	0.56	chr2	N/A	7	73	117.47	95.27
DOCK4	23.16	41.41	0.56	chr7	7q31.1	61	1316	88.13	141.12
Hs.133024	18.95	33.89	0.56	chr7	N/A	10	73	84.25	97.18
TMEM47	129.10	230.91	0.56	chrX	Xp11.4	49	1138	146.11	132.00
LOC646522	11.79	21.08	0.56	chr11	11q25	2	615	79.53	69.56
PTPLAD2	22.45	40.16	0.56	chr9	9p21.3	34	813	168.49	150.75
HS3ST1	22.70	40.61	0.56	chr4	4p16	49	1529	84.74	223.16
GPRC6A	18.60	33.27	0.56	chr6	6q22.1	23	489	150.28	111.83
Hs.129777	15.85	28.36	0.56	chr5	N/A	15	450	62.11	56.96
Hs.656719	8.53	15.26	0.56	chr6	N/A	7	73	62.94	75.70
KRT28	22.43	40.14	0.56	chr17	17q21.2	23	102	114.52	87.71
Hs.654888	17.24	30.86	0.56	chr7	N/A	7	73	98.17	101.76
Hs.551197	11.82	21.16	0.56	chr11	N/A	1	304	0.00	55.71
Hs.408190	75.15	134.50	0.56	chr4	N/A	2	16	13.84	40.92
SPINK13	10.10	18.08	0.56	chr5	5q32	21	406	68.48	79.10
LOC285692	5.15	9.22	0.56	chr5	5p15.31	5	674	34.32	78.62
Hs.633790	7.69	13.76	0.56	chr16	N/A	7	73	72.79	127.01
KDM1B	21.38	38.27	0.56	chr6	6p22.3	34	827	158.75	268.26
Hs.728920	24.33	43.54	0.56	chr15	N/A	7	73	43.58	57.59
Hs.643070	28.77	51.50	0.56	chr3	N/A	21	405	109.72	61.60
LOC100507443	12.00	21.48	0.56	chr2	2q33-q35	11	377	81.19	65.41
Hs.399280	7.03	12.58	0.56	chr17	N/A	7	73	55.24	123.79
C10orf107	9.72	17.40	0.56	chr10	10q21.2	19	393	209.55	162.84
Hs.656650	14.68	26.28	0.56	chr6	N/A	15	450	67.14	47.27
TLDC1	14.89	26.65	0.56	chr16	16q24.1	62	2098	67.66	93.85
Hs.658198	35.50	63.55	0.56	chr4	N/A	14	146	96.66	151.27
Hs.386476	43.99	78.76	0.56	chr19	N/A	8	377	99.32	35.77
ALG5	89.93	161.00	0.56	chr13	13q13.3	36	915	59.16	91.85
FAM76B	23.17	41.49	0.56	chr11	11q21	32	1325	78.35	83.08
Hs.407014	3.16	5.65	0.56	chr13	N/A	2	608	18.67	86.34
Hs.741275	116.49	208.58	0.56	chr13	N/A	7	73	48.27	52.26
PIK3C2B	106.77	191.19	0.56	chr1	1q32	35	628	39.70	73.20
LINC00244	11.53	20.65	0.56	chr7	7q36	8	377	64.31	66.21
TSN	54.80	98.15	0.56	chr2	2q21.1	50	1445	94.94	97.66
Hs.665264	39.51	70.77	0.56	chr11	N/A	7	73	113.96	53.78
RORB	8.74	15.66	0.56	chr9	9q22	41	898	76.84	132.81
UPB1	22.19	39.74	0.56	chr22	22q11.2	24	1370	72.14	300.35
VN1R2	16.99	30.43	0.56	chr19	19q13.42	22	392	99.02	156.32
SIGLEC5	22.97	41.15	0.56	chr19	19q13.3	48	631	113.67	126.89
SNX11	51.92	93.01	0.56	chr17	17q21.32	50	1104	77.45	52.86
Hs.253806	7.24	12.97	0.56	chr1	N/A	7	73	36.13	62.37
C16orf93	26.24	47.01	0.56	chr16	16p11.2	31	433	113.81	68.08

COLEC12	65.32	117.03	0.56	chr18	18pter-p11.3	31	537	86.92	130.18
TECPR1	65.58	117.52	0.56	chr7	7q21.3	21	1004	56.49	74.81
LOC653602	13.32	23.88	0.56	chr2	2p24.3	9	355	81.12	108.35
PEAR1	50.86	91.15	0.56	chr1	1q23.1	28	439	116.73	79.16
SCAMP4	36.39	65.21	0.56	chr19	19p13.3	64	1539	270.97	131.11
LOC283028	11.23	20.13	0.56	chr10	10q11.21	2	22	96.48	58.74
Hs.150743	11.65	20.88	0.56	chr4	N/A	7	73	117.36	154.81
TBC1D9	44.59	79.93	0.56	chr4	4q31.21	43	1357	89.60	163.86
Hs.636000	2.35	4.21	0.56	chr1	N/A	1	304	0.00	85.83
SELP	50.56	90.65	0.56	chr1	1q22-q25	30	576	148.24	67.16
CSPP1	25.88	46.40	0.56	chr8	8q13.2	93	2349	104.38	106.92
Hs.150022	13.88	24.88	0.56	chr2	N/A	20	101	55.32	95.46
Hs.660361	10.47	18.78	0.56	chr14	N/A	4	370	46.83	120.20
Hs.560964	6.07	10.88	0.56	chr20	N/A	10	73	54.73	67.23
Hs.594343	29.72	53.28	0.56	chr1	N/A	7	73	118.13	88.74
PRMT5-AS1	15.02	26.93	0.56	chr14	N/A	11	332	209.83	66.54
Hs.710182	19.20	34.42	0.56	chr5	N/A	7	73	59.75	66.79
BEND4	12.12	21.74	0.56	chr4	4p13	36	753	89.69	215.09
Hs.635556	4.04	7.24	0.56	chr2	N/A	1	304	0.00	73.28
Hs.662548	16.07	28.83	0.56	chr7	N/A	3	66	37.91	245.29
Hs.566458	9.05	16.23	0.56	chr6	N/A	1	304	0.00	57.61
TVP23B	59.96	107.55	0.56	chr17	17p11.2	37	533	82.48	243.50
OTUB1	116.10	208.24	0.56	chr11	11q13.1	56	1440	148.62	155.45
PCYOX1	98.91	177.42	0.56	chr2	2p13.3	66	1044	133.57	105.34
Hs.124547	20.17	36.18	0.56	chr8	N/A	10	73	100.10	122.65
Hs.128085	5.11	9.17	0.56	chrY	N/A	7	73	39.52	76.20
DNAJB8-AS1	4.47	8.02	0.56	chr3	3q21.3	1	304	0.00	64.61
Hs.593532	18.24	32.73	0.56	chr8	N/A	14	532	88.07	60.95
Hs.131636	8.56	15.36	0.56	chr17	N/A	1	304	0.00	47.94
FAM109B	52.06	93.42	0.56	chr22	22q13.2	19	389	129.83	45.19
Hs.680472	14.86	26.66	0.56	chr15	N/A	1	304	0.00	35.90
FAM222B	65.54	117.61	0.56	chr17	17q11.2	37	1214	91.47	65.79
Hs.675488	9.18	16.47	0.56	chr5	N/A	12	636	78.13	72.71
LOC100652911	11.99	21.52	0.56	chr19	N/A	11	377	77.53	97.87
Hs.724048	9.34	16.76	0.56	chr7	N/A	2	608	82.21	80.59
DHRS4-AS1	35.18	63.14	0.56	chr14	14q11.2	17	699	97.12	99.67
USP47	74.35	133.45	0.56	chr11	11p15.3	67	1884	83.43	74.04
Hs.664302	4.71	8.45	0.56	chr2	N/A	1	304	0.00	87.18
RAB5B	185.40	332.80	0.56	chr12	12q13	42	641	186.72	97.79
Hs.658905	23.03	41.35	0.56	chr11	N/A	7	73	83.84	61.31
Hs.728191	68.20	122.44	0.56	chr7	N/A	8	377	63.76	28.57
Hs.678014	25.07	45.02	0.56	chr4	N/A	10	28	26.33	37.53
Hs.539659	8.39	15.07	0.56	chr13	N/A	3	66	81.84	120.89
MUM1L1	44.42	79.76	0.56	chrX	Xq22.3	26	467	85.81	277.99
Hs.546160	6.96	12.49	0.56	chrX	N/A	2	22	6.27	49.39
GABRB1	50.37	90.47	0.56	chr4	4p12	30	570	142.00	381.93
SIPA1L1	27.86	50.04	0.56	chr14	14q24.2	75	1549	93.38	121.68
Hs.161181	26.86	48.26	0.56	chr10	N/A	9	89	94.57	62.97
LOC100132077	8.13	14.60	0.56	chr9	9q22.32	1	304	0.00	57.30
FAS	22.76	40.88	0.56	chr10	10q24.1	86	2592	102.67	219.64
DENND2C	28.67	51.51	0.56	chr1	1p13.2	47	817	113.71	104.67
Hs.656265	28.82	51.77	0.56	chr10	N/A	8	377	91.97	88.04
Hs.738508	2.21	3.97	0.56	chr8	N/A	10	28	56.07	25.91
Hs.604062	6.28	11.28	0.56	chr20	N/A	2	22	47.69	62.63
TAPT1	24.57	44.15	0.56	chr4	4p15.32	55	2174	118.17	147.14
CCDC111	45.38	81.54	0.56	chr4	4q35.1	26	466	69.56	48.14
Hs.570347	17.70	31.81	0.56	chr20	N/A	3	326	52.93	72.36
Hs.170973	12.34	22.17	0.56	chr8	N/A	3	66	34.59	54.38
Hs.98838	5.77	10.37	0.56	chr2	N/A	4	304	41.70	70.24
Hs.722480	40.93	73.57	0.56	chr8	N/A	7	73	60.94	66.53
LOC100507101	14.60	26.24	0.56	chr8	N/A	7	73	121.29	106.57
NCOA2	27.65	49.69	0.56	chr8	8q13.3	49	1537	106.37	93.49
ZNF747	46.22	83.07	0.56	chr16	16p11.2	22	760	108.27	177.97
BMP4	33.09	59.48	0.56	chr14	14q22-q23	47	739	157.15	342.44
ZSWIM1	35.12	63.12	0.56	chr20	20q13.12	41	905	130.86	98.25
Hs.160098	13.19	23.72	0.56	chr1	N/A	1	304	0.00	62.09
C21orf91-OT1	8.36	15.03	0.56	chr21	21q21.1	19	754	76.80	74.77
KAT6B	35.50	63.82	0.56	chr10	10q22.2	88	1901	124.69	65.30
DACT2	23.47	42.20	0.56	chr6	6q27	14	344	107.89	64.32
NLRP1	28.68	51.57	0.56	chr17	17p13.2	71	2160	104.28	104.46
SH3BGRL3	200.48	360.45	0.56	chr1	1p36.11	25	538	104.39	112.51
KIAA1524	8.23	14.80	0.56	chr3	3q13.13	35	745	89.89	98.05
MYO1E	25.21	45.32	0.56	chr15	15q21-q22	40	602	106.96	58.22
Hs.661681	16.21	29.15	0.56	chr1	N/A	5	420	43.23	44.08
ZDHC18	23.96	43.09	0.56	chr1	1p36.11	42	1584	99.87	98.61
SOCS5	41.78	75.13	0.56	chr2	2p21	73	1586	110.14	69.47
NOP14	37.95	68.25	0.56	chr4	4p16.3	32	600	102.09	62.41
LINC00589	8.08	14.54	0.56	chr8	8p12	18	405	123.93	97.42
TCF12	73.62	132.42	0.56	chr15	15q21	79	1273	214.03	111.45
Hs.135067	7.70	13.85	0.56	chr4	N/A	11	377	53.59	51.76
Hs.664487	18.39	33.09	0.56	chr1	N/A	7	73	30.46	228.96
TREML4	8.26	14.87	0.56	chr6	6p21.1	19	940	109.02	74.71
LOC100652768	28.30	50.92	0.56	chr11	N/A	8	389	61.36	69.47
Hs.733582	10.26	18.45	0.56	chr7	N/A	11	332	28.57	68.69
Hs.708274	34.71	62.46	0.56	chr22	N/A	10	73	100.81	55.35
KRBOX1-AS1	12.20	21.96	0.56	chr3	N/A	3	326	105.35	58.42
Hs.700975	20.64	37.15	0.56	chr2	N/A	7	73	68.15	55.59
ADRA2A	37.81	68.05	0.56	chr10	10q25.2	30	566	250.68	137.90
ZNF502	36.19	65.13	0.56	chr3	3p21.31	22	752	85.58	79.84
Hs.601131	6.12	11.01	0.56	chr1	N/A	7	73	27.08	70.05
Hs.666064	10.80	19.44	0.56	chr1	N/A	14	146	87.49	83.53
SNORA37	10.47	18.83	0.56	chr18	18q21.2	1	304	0.00	42.50
ING4	46.08	82.92	0.56	chr12	12p13.31	33	958	52.82	57.75

Hs.600923	20.61	37.09	0.56	chr12	N/A	7	73	39.03	47.06
Hs.187621	20.01	36.01	0.56	chr9	N/A	8	377	165.07	58.41
NPHP4	20.74	37.33	0.56	chr1	1p36	38	990	51.86	57.43
Hs.718709	103.30	185.92	0.56	chr12	N/A	22	521	73.81	82.45
CHD7	38.51	69.33	0.56	chr8	8q12.2	67	1685	130.66	126.98
PTRHD1	88.02	158.46	0.56	chr2	2p23.3	23	445	100.85	53.18
Hs.666648	9.43	16.99	0.56	chr12	N/A	10	139	92.40	108.69
SSH1	46.70	84.08	0.56	chr12	12q24.11	74	1787	129.42	107.56
SNORD123	20.64	37.16	0.56	chr5	5p15.2	4	32	100.12	62.42
Hs.667426	6.86	12.36	0.56	chr16	N/A	2	22	31.74	58.58
CHRNA6	18.23	32.82	0.56	chr8	8p11.21	23	493	98.52	89.28
Hs.731692	109.20	196.62	0.56	chr18	N/A	7	73	50.50	72.13
Hs.638942	9.90	17.83	0.56	chr12	N/A	1	304	0.00	53.84
Hs.658688	55.83	100.54	0.56	chr3	N/A	17	466	125.17	56.84
LOC729866	6.97	12.55	0.56	chr1	1q23.1	11	344	21.26	64.90
ERGIC1	61.05	109.95	0.56	chr5	5q35.1	113	1871	177.26	168.47
LMF1	23.31	41.97	0.56	chr16	16p13.3	50	2009	65.78	132.47
Hs.664632	9.51	17.13	0.56	chr13	N/A	8	377	54.20	63.85
ZNF552	22.00	39.63	0.56	chr19	19q13.43	60	1088	80.90	161.02
CRYZ	84.39	152.01	0.56	chr1	1p31.1	39	666	83.97	96.36
Hs.551550	8.25	14.85	0.56	chr9	N/A	7	73	64.92	159.20
Hs.144651	6.74	12.14	0.56	chr16	N/A	7	73	60.43	78.25
CDC14A	12.16	21.90	0.56	chr1	1p21	87	2372	96.54	134.39
Hs.668388	62.47	112.54	0.56	chr3	N/A	7	73	70.28	126.97
Hs.658742	16.11	29.02	0.56	chr10	N/A	7	73	65.24	55.13
TPSD1	12.72	22.91	0.56	chr16	16p13.3	21	465	72.86	93.79
HLA-DRB1	346.83	624.85	0.56	chr6	6p21.3	217	4499	147.04	155.38
ACPS	52.20	94.06	0.55	chr19	19p13.2	30	576	91.09	109.78
Hs.445065	6.19	11.15	0.55	chr20	N/A	4	304	20.14	55.78
Hs.500557	13.87	24.99	0.55	chr17	N/A	2	22	94.13	116.63
LOC100507564	12.75	22.98	0.55	chr1	N/A	1	307	0.00	111.81
LOC728606	7.45	13.43	0.55	chr18	18q11.2	1	308	0.00	76.55
Hs.606448	25.22	45.45	0.55	chr21	N/A	7	73	53.63	51.75
TMSB4X	1,602.33	2,888.13	0.55	chrX	Xq21.3-q22	52	673	125.53	77.06
Hs.201185	9.92	17.87	0.55	chr5	N/A	1	304	0.00	48.51
RAB22A	47.59	85.79	0.55	chr20	20q13.32	66	1244	83.90	57.47
Hs.406454	12.24	22.07	0.55	chr9	N/A	10	28	34.47	97.72
Hs.665214	14.18	25.55	0.55	chr12	N/A	7	73	109.95	88.32
CACNG8	15.21	27.43	0.55	chr19	19q13.4	34	1026	96.48	186.41
Hs.666205	17.15	30.92	0.55	chr2	N/A	7	73	116.35	56.74
Hs.600185	32.22	58.10	0.55	chr19	N/A	7	73	33.02	116.44
Hs.697570	156.88	282.88	0.55	chr2	N/A	15	85	179.21	156.28
Hs.90250	54.79	98.79	0.55	chr4	N/A	7	73	38.76	187.28
Hs.733006	18.61	33.56	0.55	chr5	N/A	1	304	0.00	52.10
CAMSAP3	18.78	33.87	0.55	chr19	19p13.2	36	898	122.97	85.60
Hs.602578	8.57	15.47	0.55	chr19	N/A	7	73	83.46	99.75
Hs.658599	4.04	7.28	0.55	chr10	N/A	1	304	0.00	91.96
JPH3	10.77	19.43	0.55	chr16	16q24.3	42	1205	58.00	137.28
IGSF11	22.98	41.45	0.55	chr3	3q13.32	42	488	77.90	135.91
JAK1	109.65	197.82	0.55	chr1	1p32.3-p31.3	68	1814	123.30	107.09
MTMR2	31.10	56.11	0.55	chr11	11q22	60	1515	74.89	75.34
RAE1	56.56	102.03	0.55	chr20	20q13.31	62	1596	90.49	133.96
ALG8	62.36	112.51	0.55	chr11	11q14.1	55	769	89.43	56.62
DHX57	18.41	33.22	0.55	chr2	2p22.1	65	1082	120.28	99.35
BCL2L15	13.15	23.73	0.55	chr1	1p13.2	40	1159	76.66	110.85
Hs.633923	8.96	16.17	0.55	chr17	N/A	14	146	52.52	72.76
Hs.665274	10.78	19.45	0.55	chr10	N/A	7	73	68.56	86.60
AH11	26.79	48.34	0.55	chr6	6q23.3	101	2402	122.74	135.25
TEX15	10.14	18.30	0.55	chr8	8p12	25	760	97.59	119.31
LINC00092	32.58	58.79	0.55	chr9	9q22.32	1	304	0.00	36.33
Hs.657706	11.61	20.96	0.55	chr12	N/A	1	304	0.00	38.64
TP53I3	44.75	80.78	0.55	chr2	2p23.3	33	577	64.29	78.46
PLCG2	52.92	95.53	0.55	chr16	16q24.1	40	630	66.54	85.74
ERP29	215.50	389.05	0.55	chr12	12q24.13	36	577	130.91	55.17
Hs.731462	12.19	22.00	0.55	chr20	N/A	7	73	134.24	73.18
Hs.635173	8.50	15.35	0.55	chr2	N/A	1	304	0.00	55.59
Hs.670516	4.22	7.62	0.55	chr21	N/A	1	304	0.00	74.14
HMCN2	17.44	31.49	0.55	chr9	9q34.11	36	1753	103.82	115.53
FAM102A	57.78	104.36	0.55	chr9	9q34.11	54	970	103.92	110.09
Hs.43047	15.47	27.94	0.55	chr21	N/A	18	405	81.48	110.10
Hs.544083	7.84	14.17	0.55	chr5	N/A	2	22	18.25	50.39
Hs.594424	63.91	115.44	0.55	chr14	N/A	21	405	111.72	51.30
ZBTB39	26.55	47.96	0.55	chr12	12q13.3	30	572	82.75	55.38
FAM83H	35.38	63.92	0.55	chr8	8q24.3	32	740	63.75	168.00
DPY30	140.37	253.59	0.55	chr2	2p22.3	29	469	94.00	67.80
Hs.660895	11.80	21.31	0.55	chr19	N/A	7	73	79.39	47.47
Hs.648805	17.74	32.05	0.55	chr6	N/A	4	304	101.58	57.02
NUP188	26.49	47.85	0.55	chr9	9q34.11	54	1513	111.43	146.83
Hs.658641	32.66	59.01	0.55	chr14	N/A	7	73	96.01	71.05
Hs.593836	8.48	15.33	0.55	chr3	N/A	7	73	94.93	90.91
UBA6	29.48	53.28	0.55	chr4	4q13.2	106	2722	180.44	109.27
Hs.658075	12.63	22.83	0.55	chr4	N/A	7	73	83.49	49.02
KCNK6	32.64	58.98	0.55	chr19	19q13.1	48	519	77.32	87.49
Hs.582635	6.07	10.97	0.55	chr6	N/A	2	22	40.01	43.27
Hs.26537	10.08	18.22	0.55	chr2	N/A	10	73	134.95	93.16
FAM71E1	27.33	49.40	0.55	chr19	19q13.33	30	534	99.08	272.33
Hs.659010	6.61	11.94	0.55	chr16	N/A	7	73	61.95	86.46
Hs.595972	8.55	15.45	0.55	chr1	N/A	18	405	75.01	179.01
Hs.445511	134.06	242.29	0.55	chr18	N/A	19	588	67.93	65.12
LOC100505946	10.12	18.28	0.55	chr4	N/A	1	309	0.00	106.64
PXDN	68.66	124.09	0.55	chr2	2p25	59	1121	112.36	109.96
NUP210	30.27	54.72	0.55	chr3	3p25.1	75	2548	141.11	124.34
Hs.602223	6.09	11.00	0.55	chr5	N/A	7	73	60.28	86.01

PAC SIN2	98.53	178.15	0.55	chr22	22q13.2-q13.3	61	1410	147.78	116.22
TXNDC8	18.67	33.76	0.55	chr9	9q31.3	6	326	66.08	38.74
Hs.600323	5.04	9.12	0.55	chr11	N/A	7	73	33.96	101.01
AADACL2	12.30	22.24	0.55	chr3	3q25.1	24	471	64.98	269.89
FOXL2	19.92	36.03	0.55	chr3	3q23	30	465	162.28	304.77
Hs.741629	16.48	29.80	0.55	chr15	N/A	7	73	83.23	127.37
Hs.502235	9.49	17.17	0.55	chr11	N/A	3	66	41.97	74.79
Hs.729781	9.43	17.05	0.55	chr2	N/A	1	304	0.00	88.09
Hs.607349	6.07	10.98	0.55	chr17	N/A	1	304	0.00	68.18
LIME1	33.51	60.63	0.55	chr20	20q13.3	26	872	62.17	118.76
LINC00028	13.47	24.37	0.55	chr20	20q11.21	1	304	0.00	73.00
Hs.658923	7.68	13.89	0.55	chr8	N/A	7	73	81.19	111.33
Hs.130372	7.31	13.22	0.55	chr1	N/A	7	73	76.50	81.45
FBXO44	32.71	59.19	0.55	chr1	1p36.22	36	573	145.67	83.46
Hs.436054	5.67	10.26	0.55	chr6	N/A	7	73	97.64	98.76
SPPL2A	96.15	173.99	0.55	chr15	15q21.2	31	585	81.53	317.86
PINLYP	18.40	33.30	0.55	chr19	19q13.31	23	505	47.31	85.81
NKAP	33.06	59.82	0.55	chrX	Xq24	31	491	52.03	54.69
YJEFN3	9.88	17.89	0.55	chr19	19p13.11	24	467	140.01	62.32
ZSCAN5A	26.80	48.50	0.55	chr19	19q13.43	26	577	56.22	184.67
AP1B1	51.91	93.95	0.55	chr22	22q12.2	36	643	116.10	76.56
CEP97	17.55	31.77	0.55	chr3	3q12.3	59	1312	125.15	98.23
Hs.595281	16.89	30.58	0.55	chr6	N/A	7	73	62.42	78.84
LOC100506497	14.41	26.08	0.55	chr7	N/A	9	681	90.51	86.11
Hs.27371	23.06	41.75	0.55	chr8	N/A	24	564	68.61	77.56
KCTD7	20.78	37.61	0.55	chr7	7q11.21	45	1326	76.84	99.00
POLG2	29.51	53.42	0.55	chr17	17q	30	577	69.87	59.26
Hs.480465	40.78	73.84	0.55	chr4	N/A	7	73	62.99	52.73
SRBD1	30.69	55.56	0.55	chr2	2p21	30	574	75.73	134.96
Hs.598923	8.77	15.88	0.55	chr2	N/A	7	73	35.57	71.12
Hs.282107	11.53	20.87	0.55	chr12	N/A	4	304	91.61	45.05
INTS7	15.57	28.18	0.55	chr1	1q32.3	47	1399	74.64	82.26
C11orf44	11.55	20.91	0.55	chr11	11q24.3	17	320	61.07	50.79
Hs.171348	6.87	12.43	0.55	chr5	N/A	3	327	10.76	86.55
Hs.592798	16.24	29.40	0.55	chr5	N/A	1	304	0.00	43.39
Hs.18849	27.67	50.11	0.55	chr16	N/A	11	377	126.99	38.77
TBC1D20	49.45	89.55	0.55	chr20	20p13	66	1025	131.76	83.49
TMPRSS12	8.51	15.41	0.55	chr12	12q13.12	34	433	78.72	186.95
Hs.705959	88.49	160.25	0.55	chr2	N/A	17	549	108.25	129.69
RNF216	36.05	65.30	0.55	chr7	7p22.1	80	1576	135.02	54.98
C12orf56	15.00	27.17	0.55	chr12	12q14.2	23	457	66.16	157.91
PBRM1	32.10	58.14	0.55	chr3	3p21	106	3554	124.71	197.58
PMP22	456.16	826.22	0.55	chr17	17p12	61	692	96.75	185.92
KLHL14	12.14	21.99	0.55	chr18	18q12.1	37	1086	195.13	113.25
Hs.658372	12.84	23.25	0.55	chr19	N/A	10	399	95.21	59.38
Hs.656252	33.03	59.83	0.55	chr1	N/A	14	532	114.00	58.72
Hs.666219	6.69	12.12	0.55	chr1	N/A	17	332	70.49	67.26
ADAM29	9.63	17.45	0.55	chr4	4q34	18	456	90.85	164.11
LOC100506418	8.56	15.51	0.55	chr17	N/A	28	433	73.64	63.05
Hs.604033	16.42	29.76	0.55	chr4	N/A	7	73	131.13	70.72
Hs.133190	6.96	12.60	0.55	chr20	N/A	5	22	73.14	64.95
TDRD9	37.90	68.69	0.55	chr14	14q32.33	36	560	71.78	313.27
LOC100527964	18.37	33.29	0.55	chr1	N/A	18	417	61.74	253.85
Hs.723524	17.61	31.92	0.55	chr20	N/A	11	332	41.30	56.29
LINC00299	9.16	16.61	0.55	chr2	2p25.1	1	306	0.00	51.91
ASPDH	27.22	49.33	0.55	chr19	19q13.33	23	457	114.89	167.37
WDR88	4.00	7.25	0.55	chr19	19q13.11	15	649	44.51	72.92
Hs.135851	6.08	11.02	0.55	chr15	N/A	7	73	53.79	130.49
PCP2	17.91	32.46	0.55	chr19	19p13.2	21	417	60.24	172.72
LOC341112	34.21	62.03	0.55	chr11	11q12.1	5	52	109.63	48.84
Hs.665064	3.52	6.38	0.55	chr2	N/A	1	304	0.00	89.02
RLBP1	18.06	32.75	0.55	chr15	15q26	32	614	129.35	106.84
LOC100652994	14.41	26.12	0.55	chr21	N/A	21	219	97.74	94.31
Hs.656961	5.96	10.81	0.55	chr20	N/A	7	73	51.82	82.01
Hs.110524	16.46	29.85	0.55	chr4	N/A	7	73	75.24	61.89
Hs.649260	5.60	10.15	0.55	chr10	N/A	2	22	10.83	62.88
Hs.593659	13.88	25.16	0.55	chr5	N/A	8	377	94.69	76.99
Hs.659490	8.50	15.42	0.55	chr4	N/A	7	73	61.12	70.85
IGSF22	26.11	47.35	0.55	chr11	11p15.1	16	384	140.92	121.97
ANKRD52	24.90	45.15	0.55	chr12	12q13.3	15	511	128.20	69.08
Hs.538483	5.30	9.62	0.55	chr10	N/A	5	22	57.58	64.53
RASGRF1	11.18	20.28	0.55	chr15	15q24.2	76	2052	98.29	334.67
Hs.132528	9.65	17.51	0.55	chr2	N/A	5	22	90.66	54.34
OSBPL7	16.66	30.21	0.55	chr17	17q21	30	1175	105.96	101.36
Hs.656956	70.45	127.79	0.55	chr13	N/A	7	73	55.23	144.16
Hs.665497	2.78	5.05	0.55	chr2	N/A	1	304	0.00	81.94
SERPINI1	56.79	103.01	0.55	chr3	3q26.1	33	574	221.90	183.51
Hs.715763	32.30	58.59	0.55	chr14	N/A	15	450	103.60	332.99
Hs.670153	2.95	5.35	0.55	chr13	N/A	1	304	0.00	86.29
Hs.597177	5.71	10.36	0.55	chr2	N/A	1	304	0.00	54.75
Hs.602748	5.34	9.68	0.55	chr2	N/A	7	73	65.97	98.87
GANAB	143.48	260.35	0.55	chr11	11q12.3	48	1019	87.41	49.22
PLEKHA2	76.40	138.63	0.55	chr8	8p11.22	69	1404	162.51	189.91
KIAA0947	53.17	96.49	0.55	chr5	5p15.32	33	572	127.04	53.93
CHTF8	63.56	115.35	0.55	chr16	16q22.1	39	1125	180.79	132.03
APLP2	212.08	384.89	0.55	chr11	11q24	84	3537	131.42	107.89
RASL10B	27.91	50.65	0.55	chr17	17q12	25	714	64.73	138.95
GNAZ	43.92	79.71	0.55	chr22	22q11.22	40	597	140.90	112.67
YTHDF2	128.40	233.06	0.55	chr1	1p35	56	983	89.67	58.97
TRPV4	14.00	25.41	0.55	chr12	12q24.1	31	531	148.37	64.42
Hs.385737	18.38	33.35	0.55	chr19	N/A	1	311	0.00	36.25
ATG5	35.23	63.94	0.55	chr6	6q21	50	1444	65.05	60.97
IGHA1	27.70	50.28	0.55	chr14	14q32.33	43	4272	125.07	263.51

DCHS2	9.08	16.48	0.55	chr4	4q31.3	42	833	139.48	115.07
Hs.507922	26.33	47.80	0.55	chr13	N/A	8	377	63.37	56.74
Hs.655371	26.03	47.25	0.55	chr5	N/A	7	73	82.40	54.04
Hs.674543	16.90	30.67	0.55	chr7	N/A	2	608	117.85	49.65
RFTN2	22.87	41.52	0.55	chr2	2q33.1	22	456	87.37	147.28
MMS22L	10.68	19.40	0.55	chr6	6q16.1	63	325	111.90	81.91
Hs.571032	17.86	32.43	0.55	chr6	N/A	4	304	81.96	51.58
Hs.563704	7.58	13.76	0.55	chr1	N/A	10	73	50.41	85.19
Hs.662655	11.94	21.68	0.55	chr6	N/A	7	73	60.61	54.24
Hs.591880	9.52	17.29	0.55	chr9	N/A	21	219	83.93	70.94
Hs.597163	18.55	33.68	0.55	chr12	N/A	7	73	40.86	46.70
Hs.549678	7.26	13.18	0.55	chr6	N/A	4	304	44.90	56.81
C8orf44	16.20	29.41	0.55	chr8	8q13.1	21	459	41.97	49.50
Hs.118704	7.59	13.78	0.55	chr17	N/A	7	73	72.39	57.93
Hs.570260	8.13	14.75	0.55	chr2	N/A	3	66	21.55	70.82
Hs.634205	11.72	21.29	0.55	chr8	N/A	7	73	64.71	84.04
Hs.653493	5.58	10.14	0.55	chr16	N/A	8	12	25.81	46.43
CERS4	22.80	41.40	0.55	chr19	19p13.2	28	533	54.23	89.31
Hs.661809	22.52	40.89	0.55	chr12	N/A	1	304	0.00	39.33
ADAMTS20	5.56	10.10	0.55	chr12	12q12	38	780	72.75	75.97
FLJ21369	9.55	17.35	0.55	chr19	19q13.11	15	448	46.34	70.65
Hs.666963	8.19	14.88	0.55	chr10	N/A	7	73	61.83	90.41
Hs.475364	6.95	12.62	0.55	chr3	N/A	1	304	0.00	130.37
Hs.131627	16.39	29.78	0.55	chr5	N/A	2	22	46.38	53.12
RTP4	21.63	39.29	0.55	chr3	3q27.3	28	538	66.82	67.59
UPP2	9.23	16.77	0.55	chr2	2q24.1	41	909	92.93	100.55
Hs.659638	45.97	83.51	0.55	chr12	N/A	15	124	38.48	100.71
LCN12	14.04	25.50	0.55	chr9	9q34.3	41	563	113.74	108.89
Hs.733775	7.13	12.95	0.55	chr5	N/A	3	326	74.74	72.81
Hs.596687	12.69	23.06	0.55	chr2	N/A	7	73	85.50	58.11
LOC100505915	13.04	23.70	0.55	chr16	N/A	38	96	58.37	62.25
GATC	42.98	78.09	0.55	chr12	12q24.31	69	1139	177.50	79.79
SNORA76	3.91	7.11	0.55	chr17	17q23.3	10	28	66.79	48.95
SLC1A6	10.59	19.24	0.55	chr19	19p13.12	35	1188	87.81	144.95
Hs.677096	18.66	33.92	0.55	chr2	N/A	1	304	0.00	61.69
AKIRIN1	55.60	101.05	0.55	chr1	1p34.3	49	1169	100.34	99.39
HMGNA4	106.75	194.00	0.55	chr6	6p21.3	59	1556	92.63	53.86
Hs.593564	43.39	78.86	0.55	chr17	N/A	7	73	84.94	43.34
Hs.593071	40.81	74.17	0.55	chr10	N/A	22	521	193.72	81.15
Hs.656839	12.94	23.53	0.55	chr7	N/A	25	478	194.20	57.85
Hs.572317	8.06	14.65	0.55	chr15	N/A	4	304	17.90	63.18
LOC648987	16.82	30.57	0.55	chr5	5p12	15	385	36.12	68.50
OFCC1	8.75	15.90	0.55	chr6	6p24.3	42	3453	130.13	113.00
Hs.662787	23.34	42.43	0.55	chr12	N/A	21	582	132.23	130.28
OR5P2	18.89	34.34	0.55	chr11	11p15.4	22	384	71.62	120.04
Hs.544919	4.66	8.48	0.55	chr7	N/A	2	22	79.62	58.24
Hs.173939	109.30	198.70	0.55	chr2	N/A	7	73	60.63	65.58
Hs.658595	6.52	11.86	0.55	chr6	N/A	8	377	72.33	70.45
Hs.656768	7.19	13.07	0.55	chr9	N/A	1	304	0.00	66.82
Hs.661581	12.45	22.63	0.55	chr11	N/A	14	146	48.68	366.99
ARRB1	33.13	60.23	0.55	chr11	11q13	62	2779	107.44	110.47
IQCG	18.13	32.97	0.55	chr3	3q29	32	787	106.29	115.13
SLC35G2	30.18	54.88	0.55	chr3	3q22.3	44	634	76.36	75.51
TSPYL6	8.95	16.28	0.55	chr2	2p16.2	36	485	125.24	235.24
ZNF311	7.95	14.46	0.55	chr6	6p22.1	35	740	120.37	184.38
C21orf2	24.83	45.15	0.55	chr21	21q22.3	55	2264	157.90	292.03
Hs.512011	79.82	145.16	0.55	chr12	N/A	24	36	25.96	31.23
Hs.567859	368.57	670.34	0.55	chr5	N/A	5	420	138.64	46.17
Hs.731587	15.12	27.50	0.55	chr10	N/A	7	73	50.89	113.32
APBB1	38.60	70.20	0.55	chr11	11p15	44	580	62.45	74.34
Hs.406526	18.83	34.26	0.55	chrX	N/A	8	377	157.10	149.81
IL13RA1	54.02	98.26	0.55	chrX	Xq24	88	2151	116.45	116.91
IGDCC4	30.41	55.30	0.55	chr15	15q22.31	41	548	134.15	112.78
GAB2	45.27	82.34	0.55	chr11	11q14.1	60	749	116.57	112.58
RPS2	1,685.90	3,066.99	0.55	chr16	16p13.3	90	1899	116.70	68.15
JPX	23.55	42.84	0.55	chrX	Xq13.2	17	699	39.14	90.73
Hs.150298	12.04	21.91	0.55	chr8	N/A	7	73	70.60	53.41
PABPN1	186.95	340.14	0.55	chr14	14q11.2	64	1634	71.98	84.31
MXRA8	87.46	159.13	0.55	chr1	1p36.33	58	1050	126.62	126.28
CPEB2	49.18	89.49	0.55	chr4	4p15.33	51	1235	140.47	126.42
BTBD3	55.63	101.23	0.55	chr20	20p12.2	53	661	102.79	77.18
Hs.458901	40.39	73.50	0.55	chr15	N/A	7	73	76.66	89.82
Hs.603813	12.74	23.19	0.55	chr11	N/A	7	73	25.79	69.29
CCNC	83.14	151.31	0.55	chr6	6q21	46	993	117.73	113.21
Hs.657669	6.34	11.54	0.55	chr9	N/A	9	681	69.94	61.66
MCFD2	47.32	86.14	0.55	chr2	2p21	57	1756	108.66	145.23
ZFAND4	10.58	19.26	0.55	chr10	10q11.22	22	748	48.61	173.25
SYN2	23.78	43.28	0.55	chr3	3p25	76	2309	117.11	337.96
Hs.713387	219.56	399.69	0.55	chr1	N/A	7	73	98.76	139.05
Hs.558371	6.90	12.56	0.55	chr7	N/A	2	22	1.18	65.83
Hs.521338	12.54	22.82	0.55	chr7	N/A	11	377	59.51	72.43
RMDN3	73.92	134.58	0.55	chr15	15q15.1	45	634	94.24	53.86
SLC22A9	12.19	22.20	0.55	chr11	11q13.1	47	617	138.91	78.21
Hs.664608	12.65	23.03	0.55	chr8	N/A	7	73	95.70	68.87
SLIT2-IT1	9.58	17.44	0.55	chr4	N/A	18	405	121.20	234.56
Hs.542086	10.36	18.87	0.55	chr2	N/A	10	73	69.59	90.69
Hs.662479	12.13	22.08	0.55	chr17	N/A	8	377	76.25	73.47
Hs.613656	20.14	36.68	0.55	chr1	N/A	1	304	0.00	93.11
MAF	51.54	93.85	0.55	chr16	16q22-q23	83	2614	156.42	154.91
Hs.652555	21.66	39.45	0.55	chr7	N/A	1	304	0.00	39.80
Hs.665000	11.87	21.62	0.55	chr18	N/A	1	304	0.00	59.49
GNB4	43.17	78.61	0.55	chr3	3q26.33	47	1150	163.26	116.00
NANOS2	5.92	10.79	0.55	chr19	19q13.32	4	304	33.93	54.64

FZD6	39.20	71.40	0.55	chr8	8q22.3-q23.1	37	643	99.64	94.27
LOC100507277	10.23	18.64	0.55	chr14	N/A	11	377	89.14	115.76
SLC38A9	26.17	47.66	0.55	chr5	5q11.2	39	1253	69.33	58.10
RADIL	36.34	66.20	0.55	chr7	7p22.1	35	421	77.51	88.61
FPR3	19.79	36.05	0.55	chr19	19q13.3-q13.4	38	949	113.17	101.76
Hs.664704	7.24	13.19	0.55	chr13	N/A	10	139	47.77	72.97
Hs.564614	10.28	18.73	0.55	chr13	N/A	6	66	65.18	73.25
Hs.16633	7.71	14.04	0.55	chr18	N/A	11	377	53.56	55.95
OR3A3	25.61	46.67	0.55	chr17	17p13.3	21	462	62.21	49.72
ABI1	58.79	107.13	0.55	chr10	10p11.2	54	1434	154.96	103.78
Hs.666293	26.49	48.27	0.55	chr15	N/A	7	73	134.45	49.69
Hs.713572	274.07	499.45	0.55	chr5	N/A	10	73	82.70	68.70
Hs.735286	10.04	18.29	0.55	chr3	N/A	4	304	56.37	65.13
CDSN	17.35	31.62	0.55	chr6	6p21.3	81	1561	97.83	345.88
COL27A1	53.28	97.11	0.55	chr9	9q32	68	1875	129.66	145.04
LMLN	19.30	35.17	0.55	chr3	3q29	38	1098	91.80	82.29
Hs.570183	15.67	28.56	0.55	chr2	N/A	3	66	45.72	71.06
TNFAIP8L3	20.73	37.79	0.55	chr15	15q21.2	35	124	199.85	117.84
Hs.620346	4.98	9.08	0.55	chr17	N/A	11	332	29.84	56.34
GPR88	9.14	16.66	0.55	chr1	1p21.3	28	534	75.71	146.24
Hs.657625	10.49	19.13	0.55	chr2	N/A	7	73	51.79	74.58
PIWIL4	28.97	52.81	0.55	chr11	11q21	30	573	181.09	130.16
RCOR1	38.83	70.79	0.55	chr14	14q32.31	51	932	173.06	115.81
Hs.46689	8.34	15.21	0.55	chr10	N/A	17	398	52.11	54.70
ABCG8	8.46	15.42	0.55	chr2	2p21	24	412	85.62	101.91
WDR7	46.85	85.43	0.55	chr18	18q21.31	62	842	114.58	82.04
Hs.520877	13.84	25.24	0.55	chr7	N/A	2	22	13.56	143.35
CREB3	57.53	104.90	0.55	chr9	9p13.3	28	555	100.30	57.89
SENP1	33.24	60.61	0.55	chr12	12q13.1	40	857	201.01	174.94
MB21D1	16.44	29.98	0.55	chr6	6q13	28	1069	99.34	133.00
RAD1	38.26	69.77	0.55	chr5	5p13.2	67	1962	87.79	69.50
SMC5	33.06	60.29	0.55	chr9	9q21.12	66	1419	104.63	88.46
SAMSN1	21.24	38.73	0.55	chr21	21q11	47	1289	177.52	194.39
TRIM5	14.99	27.35	0.55	chr11	11p15	57	984	67.21	83.48
KRT73	8.30	15.14	0.55	chr12	12q13.3	27	761	71.42	113.37
DCTN1-AS1	4.28	7.80	0.55	chr2	2p13	11	332	84.95	72.25
TMEM155	12.85	23.44	0.55	chr4	4q27	36	487	95.09	208.95
OR4D5	8.21	14.98	0.55	chr11	11q24.1	18	80	34.12	74.16
FRY-AS1	3.58	6.53	0.55	chr13	N/A	1	305	0.00	88.98
Hs.531753	7.73	14.10	0.55	chr21	N/A	1	304	0.00	115.54
EIF2B1	66.09	120.60	0.55	chr12	12q24.31	37	662	85.72	62.48
HIVEP3	24.76	45.18	0.55	chr1	1p34	45	1793	76.70	106.04
KIAA1958	14.30	26.10	0.55	chr9	9q32	35	648	87.26	73.36
LOC100129476	6.63	12.11	0.55	chr1	1p36.31	11	334	61.18	54.20
Hs.661518	7.27	13.26	0.55	chr8	N/A	7	73	38.08	88.40
LANCL1	96.27	175.69	0.55	chr2	2q33-q35	48	1025	118.36	130.88
TWIST2	23.39	42.69	0.55	chr2	2q37.3	30	772	65.67	132.29
C12orf75	66.95	122.20	0.55	chr12	12q23.3	13	402	103.57	117.14
Hs.666920	7.65	13.96	0.55	chr10	N/A	11	703	68.56	83.21
FAM76A	30.62	55.89	0.55	chr1	1p35.3	66	1371	153.99	120.35
GOLT1B	65.39	119.37	0.55	chr12	12p12.1	46	938	157.82	83.02
Hs.36915	177.12	323.33	0.55	chr15	N/A	7	73	96.17	78.31
ZNF567	15.94	29.10	0.55	chr19	19q13.12	31	1427	85.86	69.72
TTYH3	52.03	94.98	0.55	chr7	7p22	26	464	79.92	90.20
Hs.600427	9.49	17.33	0.55	chr10	N/A	7	73	32.54	63.96
NMB	68.56	125.17	0.55	chr15	15q22-qter	30	577	67.05	91.20
SLC12A8	18.43	33.64	0.55	chr3	3q21.2	33	574	131.34	116.49
Hs.709990	9.89	18.05	0.55	chr10	N/A	7	73	57.65	89.03
LOC100506748	44.41	81.09	0.55	chr2	N/A	11	332	33.83	68.64
Hs.646389	15.85	28.93	0.55	chr19	N/A	7	73	68.66	65.06
Hs.568793	8.56	15.63	0.55	chr10	N/A	7	73	52.67	69.29
ATP1B3	170.49	311.31	0.55	chr3	3q23	62	1279	111.58	150.04
HEY1	80.74	147.43	0.55	chr8	8q21	39	987	95.94	116.52
KBTBD3	15.65	28.57	0.55	chr11	11q22.3	40	507	76.58	80.21
Hs.732134	12.61	23.03	0.55	chr7	N/A	14	146	47.80	67.07
Hs.733297	8.28	15.11	0.55	chr9	N/A	7	73	58.30	121.34
HLA-B	1,049.20	1,916.19	0.55	chr6	6p21.3	71	1556	76.65	79.12
Hs.533323	36.47	66.61	0.55	chr6	N/A	7	73	74.84	66.28
Hs.666579	7.11	12.99	0.55	chr9	N/A	5	51	112.51	59.41
Hs.662809	11.54	21.07	0.55	chr5	N/A	8	377	81.27	64.50
ING3	31.35	57.27	0.55	chr7	7q31	53	1309	57.37	67.46
GRAMD3	54.28	99.15	0.55	chr5	5q23.2	28	533	89.27	106.49
PMCH	5.88	10.75	0.55	chr12	12q23.2	23	492	150.80	78.17
Hs.539326	8.22	15.02	0.55	chr12	N/A	10	73	94.76	90.32
C3orf22	13.10	23.93	0.55	chr3	3q21.3	33	531	80.83	111.11
LOC153910	17.54	32.05	0.55	chr6	6q24.2	1	304	0.00	35.98
Hs.134205	5.78	10.55	0.55	chr20	N/A	3	66	17.96	138.60
ATHL1	44.63	81.55	0.55	chr11	11p15.5	21	460	123.96	122.27
RALGAPA1	25.32	46.26	0.55	chr14	14q13.2	102	3178	129.92	126.84
Hs.648432	7.90	14.43	0.55	chr14	N/A	15	450	82.46	126.31
SEL1L	47.89	87.50	0.55	chr14	14q31	86	2112	152.12	133.29
Hs.662582	16.37	29.92	0.55	chr13	N/A	17	101	123.37	64.15
Hs.130662	5.43	9.93	0.55	chr13	N/A	2	22	17.70	57.67
CHMP3	148.93	272.20	0.55	chr2	2p11.2	62	1270	107.43	72.93
Hs.602619	11.44	20.91	0.55	chr14	N/A	7	73	59.80	60.36
Hs.380270	7.56	13.82	0.55	chr6	N/A	7	73	55.45	86.15
Hs.670442	3.14	5.74	0.55	chr6	N/A	15	448	39.32	97.32
FNDC3A	36.39	66.53	0.55	chr13	13q14.2	53	1628	82.51	136.12
USP27X	23.11	42.24	0.55	chrX	Xp11.23	18	813	77.14	757.22
PARD6B	13.67	24.99	0.55	chr20	20q13.13	47	1457	85.67	285.35
Hs.385774	15.16	27.72	0.55	chr18	N/A	4	304	140.06	47.68
CASA	12.42	22.71	0.55	chr16	16q24.3	32	534	162.56	116.55
Hs.667419	8.74	15.99	0.55	chr12	N/A	7	73	49.86	82.35

Hs.146827	8.79	16.08	0.55	chr17	N/A	8	377	47.25	81.86
SLC22A15	38.75	70.87	0.55	chr1	1p13.1	28	551	85.20	169.06
Hs.574188	8.13	14.86	0.55	chr14	N/A	2	22	60.90	49.72
THAP6	22.12	40.45	0.55	chr4	4q21.1	41	1421	94.10	71.92
Hs.667959	4.98	9.10	0.55	chr3	N/A	7	73	30.58	107.11
LOC100506272	4.85	8.87	0.55	chr4	N/A	4	370	24.13	72.77
NAV2-ASS5	3.98	7.27	0.55	chr11	11p15.1	1	304	0.00	69.70
L3MBTL1	17.56	32.12	0.55	chr20	20q13.12	98	2896	119.16	84.24
ZNF488	18.49	33.82	0.55	chr10	10q11.22	33	497	92.58	144.53
RLN1	15.03	27.50	0.55	chr9	9p24.1	44	711	109.38	178.47
Hs.667677	7.23	13.23	0.55	chr2	N/A	2	22	14.41	53.43
CCDC28A	73.36	134.20	0.55	chr6	6q23.1-q24.1	30	594	68.33	63.54
Hs.660349	16.07	29.41	0.55	chr12	N/A	7	73	68.92	68.10
Hs.114322	3.05	5.58	0.55	chr17	N/A	1	304	0.00	55.56
Hs.597326	19.13	35.01	0.55	chr2	N/A	7	73	67.90	103.44
C9orf96	13.52	24.73	0.55	chr9	9q34.2	19	785	158.18	80.59
Hs.125395	16.86	30.84	0.55	chr5	N/A	17	146	101.79	104.57
Hs.600636	19.76	36.16	0.55	chr3	N/A	7	73	65.44	78.94
PPP2R1B	42.29	77.37	0.55	chr11	11q23.2	131	2923	219.67	190.49
ZDHHC22	25.73	47.07	0.55	chr14	14q24.3	32	749	203.73	98.33
ADAMTS2	24.60	45.01	0.55	chr5	5qter	67	1411	103.30	115.70
CRB1	10.27	18.80	0.55	chr1	1q31-q32.1	49	936	74.68	98.68
TRMT2A	30.18	55.23	0.55	chr22	22q11.21	54	646	124.88	83.02
Hs.569124	14.36	26.27	0.55	chr12	N/A	7	73	125.83	198.38
PTPN9	28.30	51.80	0.55	chr15	15q24.2	67	1373	102.87	94.28
Hs.656151	35.19	64.40	0.55	chr12	N/A	8	377	67.01	72.56
Hs.600122	12.91	23.62	0.55	chr7	N/A	7	73	41.93	69.70
Hs.696673	38.26	70.02	0.55	chr9	N/A	17	101	74.69	101.05
NOSTRIN	45.14	82.61	0.55	chr2	2q31.1	33	542	63.58	155.54
CHEK2	17.94	32.84	0.55	chr22	22q12.1	36	566	64.43	63.89
CDT1	15.82	28.96	0.55	chr16	16q24.3	39	875	80.20	93.77
TNPO2	64.74	118.51	0.55	chr19	19p13.2	67	1978	192.22	113.93
Hs.18128	25.93	47.46	0.55	chr20	N/A	8	377	50.87	58.29
ATP7A	28.30	51.80	0.55	chrX	Xq21.1	42	1065	65.34	63.26
Hs.436104	8.27	15.14	0.55	chr2	N/A	4	304	77.40	78.72
SERPINF2	46.72	85.54	0.55	chr17	17p13	37	648	144.67	315.93
LOC643037	7.03	12.87	0.55	chr11	11q21	13	332	139.80	152.11
HGFAC	16.15	29.57	0.55	chr4	4p16	23	504	147.78	257.14
Hs.584811	8.92	16.33	0.55	chr8	N/A	8	377	54.75	48.94
TTL9	16.35	29.94	0.55	chr20	20q11.21	11	964	95.70	96.10
Hs.662860	25.43	46.57	0.55	chr16	N/A	7	73	103.06	65.45
Hs.733675	14.34	26.26	0.55	chrX	N/A	1	304	0.00	65.05
CXCL10	31.84	58.31	0.55	chr4	4q21	28	552	68.95	98.24
Hs.603574	7.74	14.17	0.55	chr11	N/A	2	22	26.43	61.91
IL1R1	104.69	191.74	0.55	chr2	2q12	74	1246	171.09	177.17
Hs.666642	11.25	20.60	0.55	chr16	N/A	7	73	86.50	124.19
Hs.129119	8.18	14.98	0.55	chr11	N/A	8	377	68.47	68.82
Hs.642040	6.92	12.68	0.55	chr5	N/A	12	50	30.24	115.09
CPT1A	31.70	58.07	0.55	chr11	11q13.2	68	1938	114.92	142.11
LOC151760	7.14	13.08	0.55	chr3	3q13.13	2	608	5.59	70.81
Hs.605510	13.34	24.45	0.55	chr8	N/A	1	304	0.00	34.69
HYDIN	12.19	22.32	0.55	chr16	16q22.2	135	2902	141.76	107.79
KRT71	9.94	18.22	0.55	chr12	12q13.13	26	469	42.61	177.91
APBA1	21.25	38.93	0.55	chr9	9q13-q21.1	64	1212	85.86	103.43
SRY	7.40	13.55	0.55	chrY	Yp11.3	21	455	71.37	61.91
Hs.666911	10.27	18.82	0.55	chr3	N/A	14	146	66.87	100.69
Hs.599613	13.10	24.00	0.55	chr7	N/A	7	73	70.99	69.45
Hs.86937	6.72	12.31	0.55	chr17	N/A	4	304	62.02	57.55
OGFOD2	41.30	75.69	0.55	chr12	12q24.31	38	1372	150.80	77.11
CTAGE1	12.13	22.23	0.55	chr18	18p11.2	47	509	90.07	102.56
LOC100288181	9.20	16.87	0.55	chr8	8q24.3	17	101	45.45	83.91
ACBD3	86.86	159.20	0.55	chr1	1q42.12	42	1025	135.03	69.16
LOC100506851	6.51	11.94	0.55	chr6	N/A	1	304	0.00	88.41
ZDHHC6	72.81	133.45	0.55	chr10	10q25.2	31	533	92.80	43.84
Hs.97611	7.39	13.55	0.55	chr1	N/A	7	73	62.26	113.33
Hs.529962	26.26	48.14	0.55	chr6	N/A	4	304	93.22	58.53
Hs.709751	18.95	34.73	0.55	chr19	N/A	2	608	36.94	61.34
Hs.732052	45.75	83.86	0.55	chr6	N/A	15	450	56.77	41.99
Hs.587644	10.48	19.21	0.55	chr10	N/A	15	79	136.53	83.37
ZACN	15.25	27.95	0.55	chr17	17q25.3	23	458	134.76	85.71
Hs.212460	6.23	11.42	0.55	chr7	N/A	18	405	63.24	85.64
ZNF816	29.99	54.98	0.55	chr19	19q13.41	17	557	58.23	201.07
Hs.666892	14.34	26.30	0.55	chr1	N/A	17	1058	111.20	90.65
PIBF1	28.08	51.48	0.55	chr13	13q22.1	47	722	89.47	112.83
KRTAP3-1	15.06	27.62	0.55	chr17	17q12-q21	19	396	61.14	105.33
SLCO1A2	10.80	19.80	0.55	chr12	12p12	81	1543	116.98	117.55
COL1A2	392.91	720.37	0.55	chr7	7q22.1	77	1663	155.96	172.92
SELO	60.80	111.47	0.55	chr22	22q13.33	40	756	110.48	87.67
Hs.595598	55.70	102.13	0.55	chr17	N/A	5	51	40.16	44.98
LINC00710	6.36	11.66	0.55	chr10	10p14	8	377	22.78	275.41
NPL	24.82	45.51	0.55	chr1	1q25	47	1595	80.99	125.23
Hs.666789	11.39	20.90	0.55	chr15	N/A	2	22	45.52	47.37
ST8SIA6-AS1	8.36	15.33	0.55	chr10	10p12.33	17	101	87.17	90.53
MIR31HG	29.33	53.79	0.55	chr9	9p21.3	18	405	102.47	81.15
TBC1D12	24.04	44.09	0.55	chr10	10q23.33	50	1038	133.32	138.23
LCN15	14.54	26.68	0.55	chr9	9q34.3	17	336	60.93	59.14
Hs.590565	6.71	12.31	0.55	chr7	N/A	4	304	41.50	60.81
CHTF18	25.48	46.74	0.55	chr16	16p13.3	34	467	59.41	61.13
SIN3B	38.61	70.83	0.55	chr19	19p13.11	36	1284	62.21	58.86
Hs.17036	10.33	18.96	0.55	chr9	N/A	14	146	54.52	100.24
Hs.737081	34.63	63.52	0.55	chr5	N/A	8	377	133.65	66.72
Hs.603522	9.17	16.82	0.55	chrY	N/A	7	73	68.73	94.51
Hs.707058	48.00	88.07	0.55	chr18	N/A	7	73	113.57	158.80

Hs.155764	12.62	23.15	0.55	chr10	N/A	1	304	0.00	48.16
GMEB2	55.75	102.29	0.55	chr20	20q13.33	33	959	112.19	54.91
Hs.657588	43.87	80.49	0.55	chr14	N/A	8	377	73.85	47.70
SPANXN3	6.30	11.55	0.54	chrX	Xq27.3	13	28	157.25	146.06
NUGGC	36.24	66.51	0.54	chr8	8p21.1	14	177	79.50	92.24
ERN1	22.58	41.43	0.54	chr17	17q24.2	62	716	99.91	92.99
Hs.663024	39.04	71.64	0.54	chr20	N/A	7	73	42.71	54.15
VRK1	31.85	58.45	0.54	chr14	14q32	37	650	80.84	199.33
Hs.666916	8.01	14.70	0.54	chr2	N/A	7	73	23.78	68.26
Hs.630812	3.30	6.05	0.54	chr15	N/A	10	28	75.87	152.29
GALNT8	14.82	27.20	0.54	chr12	12p13.3	21	453	74.24	66.63
Hs.709586	32.84	60.28	0.54	chr8	N/A	1	304	0.00	63.78
LOC100289509	16.88	31.00	0.54	chr10	10q24.32	8	377	61.19	110.82
Hs.464896	5.63	10.33	0.54	chr18	N/A	1	304	0.00	60.94
Hs.445936	9.53	17.50	0.54	chr10	N/A	14	146	52.59	69.05
Hs.659206	9.83	18.04	0.54	chr17	N/A	3	66	42.35	74.36
RPS19	753.26	1,383.16	0.54	chr19	19q13.2	63	1856	96.52	108.12
FBXO25	116.82	214.52	0.54	chr8	8p23.3	39	497	68.78	167.38
TLE4	31.41	57.68	0.54	chr9	9q21.31	83	2365	120.25	274.56
Hs.42747	8.97	16.48	0.54	chr16	N/A	18	405	64.29	61.24
FUT5	14.36	26.37	0.54	chr19	19p13.3	23	499	65.70	105.65
RPL29	679.68	1,248.32	0.54	chr3	3p21.3-p21.2	68	1123	68.59	68.39
PRMT8	12.15	22.31	0.54	chr12	12p13.3	22	762	90.99	62.70
Hs.520750	14.47	26.58	0.54	chr7	N/A	10	73	105.64	77.34
Hs.32196	28.65	52.62	0.54	chr5	N/A	10	73	81.45	100.66
ABCA3	39.55	72.64	0.54	chr16	16p13.3	30	577	51.05	105.31
PIK3R5	24.04	44.15	0.54	chr17	17p13.1	40	1172	88.21	91.68
Hs.560991	5.27	9.68	0.54	chr20	N/A	7	73	37.68	86.81
RUFY2	20.70	38.02	0.54	chr10	10q21.3	63	2764	92.79	134.65
Hs.661595	17.64	32.42	0.54	chr3	N/A	1	304	0.00	45.84
Hs.657181	12.65	23.25	0.54	chr6	N/A	7	73	92.69	85.52
Hs.649025	8.55	15.70	0.54	chr7	N/A	7	73	48.04	121.53
Hs.601162	6.79	12.48	0.54	chr9	N/A	7	73	52.64	91.81
Hs.599550	11.12	20.43	0.54	chr12	N/A	7	73	83.29	103.28
DQX1	17.18	31.57	0.54	chr2	2p13.1	38	541	220.48	130.50
Hs.561798	17.27	31.74	0.54	chr8	N/A	2	22	96.10	92.97
Hs.620043	3.72	6.84	0.54	chr12	N/A	10	28	32.47	56.97
Hs.745194	374.63	688.35	0.54	chr14	N/A	4	304	95.85	46.82
CACYBP	74.54	136.97	0.54	chr1	1q24-q25	102	2140	89.11	88.22
Hs.655472	7.14	13.11	0.54	chr13	N/A	7	73	45.36	110.37
UPPI	37.16	68.29	0.54	chr7	7p12.3	56	632	137.31	165.91
Hs.668194	5.48	10.07	0.54	chr6	N/A	7	73	77.22	71.05
Hs.98898	7.75	14.25	0.54	chr14	N/A	7	73	52.32	76.65
AVP	11.66	21.44	0.54	chr20	20p13	23	501	68.89	100.13
CCL4L1	60.43	111.07	0.54	chr17	17q12	18	87	246.22	142.28
Hs.97276	7.91	14.55	0.54	chr10	N/A	22	523	56.20	71.57
Hs.672216	20.14	37.03	0.54	chr8	N/A	1	304	0.00	64.86
Hs.116324	7.12	13.09	0.54	chr8	N/A	13	399	47.34	142.22
CADM1	65.90	121.15	0.54	chr11	11q23.2	85	2401	170.95	136.53
Hs.670304	5.80	10.66	0.54	chr5	N/A	1	304	0.00	71.01
Hs.565632	19.49	35.84	0.54	chr20	N/A	7	73	50.17	49.77
ABCB1	26.95	49.55	0.54	chr7	7q21.12	83	1683	90.33	309.48
Hs.708456	35.31	64.94	0.54	chr3	N/A	4	370	89.62	65.60
Hs.550863	2.91	5.35	0.54	chr11	N/A	5	420	44.46	47.64
Hs.44102	13.62	25.06	0.54	chr11	N/A	7	73	61.80	68.48
Hs.659462	62.49	114.93	0.54	chr8	N/A	3	66	79.97	160.26
CTAGE6	22.45	41.30	0.54	chr7	7q35	16	36	39.84	62.74
GEM	91.60	168.47	0.54	chr8	8q13-q21	36	565	95.76	129.64
PLA2G2E	10.54	19.39	0.54	chr1	1p36.13	21	463	36.57	79.26
Hs.702552	89.11	163.92	0.54	chr21	N/A	10	28	22.50	52.82
Hs.677079	9.09	16.72	0.54	chr9	N/A	5	420	90.34	55.05
TRGV5	17.43	32.07	0.54	chr7	7p14	5	420	55.98	75.37
Hs.649321	14.59	26.83	0.54	chr11	N/A	10	73	69.33	85.36
LOC100129029	5.39	9.91	0.54	chr2	2q24.1	1	304	0.00	86.97
Hs.127008	9.92	18.25	0.54	chr6	N/A	17	146	56.93	86.59
Hs.649918	5.75	10.58	0.54	chr17	N/A	1	304	0.00	51.18
BCHE	29.64	54.54	0.54	chr3	3q26.1-q26.2	31	554	66.78	186.94
KLHDC4	21.53	39.63	0.54	chr16	16q24.3	68	2477	105.56	85.81
Hs.659233	8.76	16.11	0.54	chr10	N/A	7	73	92.34	78.68
Hs.129851	10.71	19.70	0.54	chr2	N/A	7	73	41.25	93.82
Hs.565570	8.89	16.37	0.54	chr2	N/A	7	73	54.71	66.33
LOC100507520	19.43	35.77	0.54	chr17	N/A	12	681	72.88	86.91
DGCR8	29.49	54.29	0.54	chr22	22q11.2	56	1823	89.63	52.74
PTCH2	17.27	31.79	0.54	chr1	1p34.1	21	453	63.29	85.91
RMI1	24.30	44.72	0.54	chr9	9q21.32	34	524	68.49	58.81
Hs.661510	11.08	20.40	0.54	chr1	N/A	1	304	0.00	45.70
STARD3NL	87.63	161.31	0.54	chr7	7p14-p13	35	594	76.41	86.97
Hs.636231	9.26	17.04	0.54	chr7	N/A	2	608	51.31	63.28
Hs.597025	22.26	40.99	0.54	chr2	N/A	1	304	0.00	41.38
Hs.696417	36.35	66.93	0.54	chr2	N/A	7	73	45.30	47.66
FAF2	54.30	100.00	0.54	chr5	5q35.2	58	1166	147.15	62.13
Hs.714479	6.74	12.41	0.54	chr1	N/A	1	304	0.00	79.92
Hs.659583	7.37	13.58	0.54	chr3	N/A	7	73	88.06	68.71
DUS1L	67.11	123.60	0.54	chr17	17q25.3	28	536	54.37	48.39
Hs.664179	4.80	8.84	0.54	chr7	N/A	7	73	41.95	100.99
WWP2	29.21	53.81	0.54	chr16	16q22.1	84	1888	99.68	94.55
LGR6	23.27	42.86	0.54	chr1	1q32.1	44	485	131.72	92.40
LMO2	59.10	108.86	0.54	chr11	11p13	142	1185	47.35	106.90
Hs.730000	3.05	5.63	0.54	chr8	N/A	1	304	0.00	71.71
FAM167B	18.10	33.34	0.54	chr1	1p35.1	26	468	49.47	72.08
SEMA4B	101.63	187.25	0.54	chr15	15q25	29	469	115.68	101.54
Hs.214368	13.44	24.75	0.54	chr19	N/A	10	73	155.74	75.19
LCE2C	22.94	42.26	0.54	chr1	1q21.3	23	56	91.41	131.08

LOC100505727	10.27	18.92	0.54	chr21	N/A	2	608	6.73	76.36
Hs.529514	28.65	52.79	0.54	chr3	N/A	14	146	56.02	119.46
Hs.664763	12.63	23.27	0.54	chr9	N/A	5	51	40.14	70.61
PDIKIL	27.25	50.20	0.54	chr1	1p36.11	26	457	79.85	62.04
Hs.734238	7.33	13.51	0.54	chr1	N/A	2	22	27.86	81.04
Hs.177169	15.41	28.40	0.54	chr22	N/A	1	304	0.00	38.87
METAP1D	13.18	24.29	0.54	chr2	2q31.1	27	765	67.45	74.27
LYAR	52.17	96.13	0.54	chr4	4p16.3	37	846	57.61	165.63
FSBP	13.42	24.73	0.54	chr8	8q	17	332	151.84	59.86
TMEM59L	25.83	47.60	0.54	chr19	19p12	35	603	142.87	109.20
Hs.565432	6.30	11.61	0.54	chr2	N/A	2	22	36.05	90.16
Hs.537927	9.79	18.04	0.54	chr1	N/A	1	304	0.00	38.73
DUSP4	22.74	41.92	0.54	chr8	8p12-p11	56	1445	104.70	107.71
Hs.282855	4.79	8.82	0.54	chr15	N/A	8	12	33.30	34.72
Hs.658452	23.70	43.69	0.54	chr3	N/A	7	73	69.56	82.60
FAM13B	54.15	99.83	0.54	chr5	5q31	45	639	106.26	75.28
Hs.603692	10.31	19.01	0.54	chr16	N/A	2	22	90.40	45.66
Hs.733757	7.97	14.69	0.54	chr9	N/A	11	332	55.75	247.39
LOC100507109	16.30	30.05	0.54	chr11	N/A	4	304	111.99	51.61
Hs.633839	5.76	10.62	0.54	chr14	N/A	7	73	28.19	73.50
Hs.677438	20.14	37.13	0.54	chr2	N/A	1	304	0.00	49.02
Hs.605805	14.15	26.10	0.54	chr6	N/A	1	304	0.00	69.18
CCDC152	528.21	973.99	0.54	chr5	5p12	1	304	0.00	46.20
IFNL1	11.84	21.83	0.54	chr19	19q13.13	20	343	112.45	52.35
Hs.733973	33.22	61.26	0.54	chr11	N/A	7	73	64.53	118.83
Hs.600992	11.96	22.05	0.54	chr1	N/A	7	73	32.23	67.92
MYO1F	46.81	86.32	0.54	chr19	19p13.3-p13.2	40	600	118.42	165.88
Hs.636929	12.42	22.91	0.54	chr3	N/A	4	304	77.65	45.85
Hs.660139	10.75	19.82	0.54	chr14	N/A	8	377	112.04	51.61
CCDC6	77.96	143.79	0.54	chr10	10q21	43	924	109.35	106.59
AMDHD1	26.23	48.39	0.54	chr12	12q23.1	32	590	136.74	212.35
FAM223B	14.82	27.33	0.54	chrX	Xq28	1	304	0.00	44.42
BAZ2A	38.20	70.47	0.54	chr12	12q13.3	66	2056	94.32	89.17
ABHD15	21.01	38.76	0.54	chr17	17q11.2	26	457	76.24	65.03
Hs.126945	6.60	12.17	0.54	chr8	N/A	7	73	62.59	72.74
Hs.666472	43.74	80.69	0.54	chr12	N/A	8	377	66.35	79.47
ALDH3B1	36.28	66.91	0.54	chr11	11q13	49	1341	132.51	88.90
Hs.587664	15.37	28.36	0.54	chr11	N/A	7	73	42.85	61.49
SESTD1	51.75	95.47	0.54	chr2	2q31.2	59	1448	232.43	91.04
Hs.662669	11.55	21.31	0.54	chr9	N/A	10	393	44.78	66.77
Hs.580550	6.23	11.49	0.54	chr2	N/A	5	22	36.51	61.24
Hs.528979	12.41	22.89	0.54	chr17	N/A	7	73	47.11	60.20
RER1	71.43	131.82	0.54	chr1	1p36	86	2139	113.22	84.43
LOC100129292	93.61	172.74	0.54	chr20	20q13.12	9	28	42.14	81.96
Hs.531346	9.57	17.65	0.54	chr2	N/A	10	28	24.14	50.83
Hs.597400	223.95	413.30	0.54	chr17	N/A	7	73	87.45	84.68
Hs.668354	7.72	14.25	0.54	chr10	N/A	7	73	41.76	69.81
KPNA2	113.99	210.39	0.54	chr17	17q24.2	45	1070	117.77	160.59
Hs.538646	7.22	13.32	0.54	chr10	N/A	7	73	41.37	72.79
Hs.656142	9.49	17.51	0.54	chr7	N/A	7	73	68.24	82.08
Hs.596723	16.47	30.41	0.54	chr14	N/A	3	66	52.72	66.48
RHBDD3	29.60	54.65	0.54	chr22	22q12.2	37	653	61.66	59.51
DIP2B	41.71	77.02	0.54	chr12	12q13.12	69	1383	147.86	120.79
LOC645739	3.06	5.66	0.54	chr13	13q12.11	1	304	0.00	90.20
TWIST1	24.63	45.48	0.54	chr7	7p21.2	45	644	138.38	106.49
Hs.666750	9.58	17.69	0.54	chr7	N/A	2	22	53.71	73.06
NUCB2	108.42	200.23	0.54	chr11	11p15.1	58	1121	130.73	185.53
Hs.147085	8.99	16.60	0.54	chr10	N/A	6	66	60.43	114.86
Hs.666008	52.67	97.28	0.54	chr17	N/A	7	73	64.81	71.39
DANCR	93.48	172.64	0.54	chr4	4q12	10	393	89.50	61.68
Hs.660039	7.08	13.08	0.54	chr1	N/A	1	304	0.00	88.69
Hs.149022	6.37	11.76	0.54	chr4	N/A	5	22	73.88	100.07
Hs.667354	18.19	33.59	0.54	chr14	N/A	3	66	20.91	66.24
TNFAIP8L1	34.94	64.53	0.54	chr19	19p13.3	53	610	203.50	93.68
Hs.732274	25.07	46.31	0.54	chr10	N/A	12	124	135.04	78.75
E2F4	106.79	197.28	0.54	chr16	16q21-q22	58	1204	143.81	156.79
Hs.31181	17.31	31.98	0.54	chr1	N/A	7	73	57.33	65.13
Hs.147730	8.34	15.41	0.54	chr6	N/A	5	22	60.75	86.87
SMURF1	25.55	47.20	0.54	chr7	7q22.1	69	2188	93.53	90.98
Hs.666843	10.64	19.66	0.54	chr20	N/A	7	73	35.70	68.93
TOM1L1	39.72	73.40	0.54	chr17	17q23.2	57	1071	188.63	144.03
Hs.664810	8.59	15.87	0.54	chr1	N/A	7	73	94.93	93.33
FAM203A	70.65	130.57	0.54	chr8	8q24.3	38	946	152.09	69.88
Hs.131441	8.97	16.59	0.54	chr8	N/A	7	73	59.01	89.69
MAGEH1	80.03	147.93	0.54	chrX	Xp11.21	24	460	36.22	66.98
CYP11B1	47.33	87.48	0.54	chr8	8q21	55	1075	252.93	670.96
PRKCA	27.51	50.84	0.54	chr17	17q22-q23.2	105	2622	185.22	213.89
LOC100129113	74.33	137.39	0.54	chr22	22q11.21	20	56	111.82	167.68
Hs.593503	55.74	103.04	0.54	chr2	N/A	7	73	77.07	54.49
Hs.734871	13.69	25.31	0.54	chr16	N/A	1	304	0.00	62.51
Hs.71825	10.65	19.69	0.54	chr1	N/A	10	73	83.34	133.32
LOC100506011	9.28	17.16	0.54	chr1	N/A	18	405	98.05	207.80
LOC100508120	12.98	23.99	0.54	chr6	N/A	44	1198	58.07	66.54
SOCS2	45.25	83.67	0.54	chr12	12q	48	1024	129.36	144.97
PRY	16.82	31.10	0.54	chrY	Yq11.223	10	467	67.97	69.40
EPB41L1	40.50	74.90	0.54	chr20	20q11.2-q12	64	1772	124.18	216.95
SFSWAP	45.00	83.21	0.54	chr12	12q24.33	42	1699	70.45	79.32
Hs.268668	33.91	62.71	0.54	chr11	N/A	15	450	69.58	62.27
LINC00327	4.86	8.99	0.54	chr13	N/A	14	398	55.81	61.75
Hs.591763	24.96	46.15	0.54	chr5	N/A	1	304	0.00	85.12
EYA2	25.64	47.41	0.54	chr20	20q13.1	62	680	101.81	102.36
Hs.658820	10.35	19.14	0.54	chr9	N/A	7	73	124.52	85.94
Hs.732657	16.14	29.86	0.54	chr1	N/A	7	73	84.57	57.60

MEP1B	11.68	21.60	0.54	chr18	18q12.2-q12.3	23	493	88.26	243.96
Hs.707212	30.82	57.01	0.54	chr1	N/A	7	73	117.27	50.79
USP16	87.82	162.45	0.54	chr21	21q22.11	36	1169	55.69	47.06
Hs.545742	4.07	7.53	0.54	chr9	N/A	7	73	29.11	115.87
ATG13	63.82	118.05	0.54	chr11	11p11.2	71	1647	192.60	72.41
ABI3BP	65.28	120.75	0.54	chr3	3q12	39	1221	129.05	201.26
PDCD1LG2	5.94	10.99	0.54	chr9	9p24.2	22	757	60.56	76.37
Hs.657009	38.48	71.19	0.54	chr13	N/A	14	146	84.57	60.54
Hs.660632	21.46	39.70	0.54	chr1	N/A	2	22	49.92	54.79
TNNI1	105.10	194.46	0.54	chr1	1q31.3	30	569	132.71	431.83
XRRA1	20.05	37.10	0.54	chr11	11q13.4	36	1220	140.16	99.77
GRAP2	10.80	19.98	0.54	chr22	22q13.2	49	732	108.57	100.64
ZNF790-AS1	17.93	33.17	0.54	chr19	19q13.13	16	754	61.38	59.14
NAA16	22.02	40.74	0.54	chr13	13q14.11	53	1241	95.80	114.10
Hs.732265	22.65	41.91	0.54	chr13	N/A	18	405	80.03	64.54
RPS6	1,375.11	2,544.65	0.54	chr9	9p21	74	1948	127.29	81.63
Hs.686143	8.92	16.51	0.54	chr17	N/A	2	16	5.82	32.18
TVP23C	45.24	83.72	0.54	chr17	17p12	48	1100	91.37	77.61
Hs.735397	13.80	25.54	0.54	chr10	N/A	10	28	45.26	107.76
Hs.597943	32.84	60.79	0.54	chr5	N/A	7	73	55.11	46.70
KIAA1239	10.82	20.03	0.54	chr4	4p14	19	388	126.57	137.30
MATN3	5.97	11.06	0.54	chr2	2p24-p23	25	539	90.20	273.33
DDX20	35.79	66.26	0.54	chr1	1p21.1-p13.2	27	770	49.43	208.68
HIST1H4L	18.61	34.46	0.54	chr6	6p22.1	23	500	135.16	320.75
SERPINA7	25.65	47.48	0.54	chrX	Xq22.2	38	590	156.88	373.50
ZNF728	8.15	15.09	0.54	chr19	19p12	2	16	18.00	27.58
NME9	19.22	35.59	0.54	chr3	3q22.3	47	819	119.02	79.66
Hs.718947	111.72	206.90	0.54	chr17	N/A	5	420	71.83	100.94
Hs.608707	49.41	91.52	0.54	chr8	N/A	7	73	93.67	41.44
UBE2Z	106.60	197.43	0.54	chr17	17q21.32	69	1282	116.26	73.84
H1FX	93.95	174.01	0.54	chr3	3q21.3	33	920	121.85	81.32
Hs.668004	25.17	46.62	0.54	chr2	N/A	2	22	31.82	118.73
A1BG-AS1	16.14	29.89	0.54	chr19	19q13.4	11	335	162.58	73.94
ZNF37A	18.38	34.04	0.54	chr10	10p11.2	54	970	98.68	77.24
MEGF6	24.30	45.00	0.54	chr1	1p36.3	45	965	110.02	113.32
Hs.605145	14.02	25.98	0.54	chr18	N/A	16	383	141.28	86.81
LINC00624	2.61	4.83	0.54	chr1	1q21.1	1	304	0.00	85.09
Hs.49053	13.92	25.79	0.54	chr20	N/A	8	377	51.99	52.06
HHLA2	4.58	8.48	0.54	chr3	3q13.13	22	757	59.90	95.76
Hs.410860	2.78	5.14	0.54	chr9	N/A	1	304	0.00	78.72
KLLN	17.38	32.20	0.54	chr10	10q23	11	377	86.77	55.15
TMOD3	33.08	61.29	0.54	chr15	15q21.1-q21.2	66	1348	153.17	117.21
NXPH3	30.76	57.00	0.54	chr17	17q21.33	43	956	130.92	72.15
RAB8B	39.15	72.55	0.54	chr15	15q22.2	61	1393	102.06	121.60
Hs.715916	63.31	117.32	0.54	chr17	N/A	9	112	101.11	82.71
Hs.538083	8.21	15.21	0.54	chr1	N/A	5	22	27.65	89.34
SEC14L2	14.42	26.72	0.54	chr22	22q12.2	49	1875	133.53	115.02
TIMM10B	47.07	87.25	0.54	chr11	11p15.4	36	915	65.26	60.13
Hs.634008	7.31	13.54	0.54	chr16	N/A	1	306	0.00	57.14
Hs.597523	28.25	52.36	0.54	chr17	N/A	21	605	97.63	78.59
RPS17	255.57	473.75	0.54	chr15	15q	5	420	79.51	62.65
Hs.657647	15.64	28.99	0.54	chr2	N/A	1	304	0.00	41.98
LOC285696	9.68	17.94	0.54	chr5	5p15.1	27	349	105.47	45.41
EGOT	8.84	16.39	0.54	chr3	3p26.1	22	892	86.50	101.58
TRAK1	52.38	97.10	0.54	chr3	3p22.1	77	2394	111.17	87.74
RASAL1	28.69	53.20	0.54	chr12	12q23-q24	27	816	74.23	120.49
Hs.603466	13.42	24.89	0.54	chr1	N/A	7	73	49.08	65.87
MYCBP	31.70	58.77	0.54	chr1	1p33-p32.2	77	2004	86.70	87.26
BEND6	7.13	13.23	0.54	chr6	6p12.1	25	715	39.72	169.98
Hs.525272	15.53	28.80	0.54	chr12	N/A	10	73	50.75	73.55
PTAR1	40.04	74.25	0.54	chr9	9q21.12	29	1140	89.84	81.04
LOC100506188	11.32	20.99	0.54	chr6	N/A	7	73	74.75	104.94
Hs.664381	30.66	56.86	0.54	chr7	N/A	14	146	108.96	69.95
IGFLR1	38.14	70.75	0.54	chr19	19q13.12	28	549	75.32	87.98
Hs.634877	6.72	12.46	0.54	chr16	N/A	7	73	61.16	81.31
NONO	215.67	400.11	0.54	chrX	Xq13.1	63	1485	145.36	94.65
RSF1	43.96	81.57	0.54	chr11	11q14.1	85	1765	178.48	110.54
ROBO3	28.18	52.29	0.54	chr11	11q24.2	50	646	62.52	90.65
NRAS	40.26	74.70	0.54	chr1	1p13.2	31	874	122.85	90.40
Hs.119933	9.16	16.99	0.54	chr9	N/A	10	73	49.34	135.81
Hs.604334	10.30	19.12	0.54	chr7	N/A	6	326	81.18	67.97
Hs.380030	31.39	58.25	0.54	chr18	N/A	28	437	81.41	105.94
AOC3	88.60	164.44	0.54	chr17	17q21	39	730	58.34	170.55
Hs.659798	18.35	34.06	0.54	chr19	N/A	1	304	0.00	71.32
RAB33B	28.45	52.80	0.54	chr4	4q28	31	488	119.96	60.02
EVA1C	33.39	61.99	0.54	chr21	21q22.11	46	550	157.06	110.39
MYRIP	23.05	42.78	0.54	chr3	3p22.1	41	619	184.96	117.40
FAM73A	32.09	59.56	0.54	chr1	1p31.1	54	942	103.86	92.97
QSER1	43.74	81.18	0.54	chr11	11p13	54	1612	221.02	111.36
CLSTN1	176.03	326.76	0.54	chr1	1p36.22	41	611	140.81	80.57
Hs.663302	8.89	16.50	0.54	chr6	N/A	7	73	75.27	113.57
ARF4	268.44	498.33	0.54	chr3	3p21.2-p21.1	54	1110	114.71	104.18
TPSAB1	55.62	103.25	0.54	chr16	16p13.3	57	3122	88.89	125.98
Hs.208623	12.01	22.29	0.54	chr1	N/A	14	332	88.30	54.11
Hs.666152	7.78	14.45	0.54	chr1	N/A	7	73	40.34	63.99
Hs.526713	4.24	7.87	0.54	chr22	N/A	2	22	10.93	75.55
Hs.562753	7.62	14.14	0.54	chr18	N/A	7	73	46.27	101.07
LOC285740	6.51	12.08	0.54	chr6	6q24.2	19	711	76.13	198.52
Hs.668425	6.02	11.17	0.54	chr3	N/A	7	73	41.95	80.70
Hs.486466	13.65	25.34	0.54	chr6	N/A	21	219	101.09	109.02
FEM1B	16.12	29.93	0.54	chr15	15q22	20	497	110.92	158.10
Hs.574860	10.47	19.45	0.54	chr22	N/A	14	146	65.34	87.67
Hs.714378	6.66	12.37	0.54	chr3	N/A	10	28	20.75	78.55

Hs.437343	22.32	41.46	0.54	chr6	N/A	8	377	54.20	54.11
SRSF8	63.54	118.02	0.54	chr11	11q22	65	2185	110.91	96.50
JMJD7-PLA2G4B	67.17	124.76	0.54	chr15	15q11.2-q21.3	54	1463	94.03	104.06
Hs.604125	6.02	11.19	0.54	chr6	N/A	2	22	20.20	84.37
Hs.595634	23.51	43.68	0.54	chr10	N/A	7	73	80.54	61.73
LINC00617	11.12	20.66	0.54	chr14	N/A	18	409	107.20	132.76
Hs.208288	6.74	12.52	0.54	chr19	N/A	2	22	19.61	55.92
BMPER	13.55	25.17	0.54	chr7	7p14.3	36	485	179.08	152.08
DEFB119	18.30	34.00	0.54	chr20	20q11.21	41	741	108.12	471.70
ERO1LB	18.74	34.82	0.54	chr1	1q42.2-q43	59	1108	100.00	124.79
Hs.655376	13.79	25.63	0.54	chr4	N/A	1	304	0.00	83.90
Hs.663973	13.79	25.64	0.54	chr6	N/A	8	377	107.56	46.23
Hs.741769	15.93	29.61	0.54	chr7	N/A	8	377	83.60	58.36
MAGI3	23.82	44.27	0.54	chr1	1p12-p11.2	54	1305	175.74	76.41
Hs.146467	13.23	24.59	0.54	chr11	N/A	2	22	35.92	74.71
Hs.554251	25.44	47.28	0.54	chr3	N/A	1	304	0.00	38.37
Hs.368857	9.26	17.21	0.54	chr3	N/A	7	73	89.47	87.59
Hs.181156	24.65	45.82	0.54	chr1	N/A	4	1216	58.82	99.19
ZNF232	28.52	53.02	0.54	chr17	17p13.2	31	538	71.27	62.16
Hs.663839	5.02	9.34	0.54	chr9	N/A	2	608	29.23	79.18
TNFSF13	45.17	83.98	0.54	chr17	17p13.1	95	2862	115.73	117.26
TMEM196	7.71	14.34	0.54	chr7	7p21.1	20	688	73.51	135.73
Hs.600107	7.10	13.21	0.54	chr4	N/A	7	73	50.80	89.13
MED23	26.48	49.24	0.54	chr6	6q22.33-q24.1	55	1850	86.42	84.09
HSPA4L	23.95	44.54	0.54	chr4	4q28	43	712	92.29	220.46
PIGM	26.96	50.13	0.54	chr1	1q23.2	38	1157	72.60	91.76
ZC3H13	47.51	88.35	0.54	chr13	13q14.13	108	1806	95.31	159.04
Hs.507924	6.35	11.80	0.54	chr4	N/A	12	636	177.42	276.40
FAM71C	19.66	36.56	0.54	chr12	12q23.1	19	391	163.21	190.55
FAM211A	10.95	20.36	0.54	chr17	17p11.2	19	384	55.51	125.81
SH2D1B	20.51	38.15	0.54	chr1	1q23.3	30	716	240.39	221.91
Hs.551671	5.78	10.75	0.54	chr13	N/A	1	304	0.00	91.35
LINC00466	11.27	20.96	0.54	chr1	1p31.3	18	405	77.68	76.05
PRR14L	14.85	27.62	0.54	chr22	22q12.2	33	1270	73.11	64.65
MEST1T1	8.13	15.13	0.54	chr7	7q32.2	10	28	54.17	59.22
SLC38A5	38.70	71.99	0.54	chrX	Xp11.23	26	463	127.52	165.90
Hs.657445	10.52	19.57	0.54	chr18	N/A	8	397	76.42	144.57
THAP9	8.16	15.19	0.54	chr4	4q21.22	28	820	75.55	108.45
HSD17B3	22.34	41.57	0.54	chr9	9q22	33	633	107.67	167.88
Hs.721130	23.02	42.83	0.54	chr19	N/A	3	66	75.61	51.37
SART3	43.83	81.56	0.54	chr12	12q24.1	58	1822	138.18	80.73
Hs.79881	20.99	39.06	0.54	chr3	N/A	21	405	93.29	113.41
Hs.130361	7.82	14.55	0.54	chr8	N/A	6	66	83.31	78.74
Hs.545557	5.01	9.32	0.54	chr8	N/A	2	22	2.05	88.37
DBP	32.20	59.93	0.54	chr19	19q13.3	38	580	50.12	69.80
PLA2G6	56.20	104.58	0.54	chr22	22q13.1	42	1411	90.50	65.25
Hs.732617	102.46	190.68	0.54	chr8	N/A	8	377	82.20	64.39
CCDC79	8.22	15.29	0.54	chr16	16q22.1	9	322	101.34	116.46
BCL6	85.40	158.95	0.54	chr3	3q27	64	1598	147.95	139.56
LINC00633	8.13	15.14	0.54	chrX	Xq26.3	21	73	96.97	269.55
Hs.666387	8.16	15.19	0.54	chr2	N/A	2	22	3.36	51.21
LOC100507376	20.96	39.03	0.54	chr4	N/A	19	709	56.24	72.72
ZNF385B	16.17	30.10	0.54	chr2	2q31.2-q31.3	73	1500	137.78	141.72
Hs.659728	38.08	70.89	0.54	chr22	N/A	7	73	52.93	125.58
FLJ30838	5.65	10.52	0.54	chr2	2p16.1	9	683	44.86	66.46
Hs.147726	6.19	11.52	0.54	chr4	N/A	5	22	59.37	93.85
WDR36	30.99	57.69	0.54	chr5	5q22.1	70	1100	126.67	76.53
EP300	42.64	79.39	0.54	chr22	22q13.2	72	1281	174.38	90.74
Hs.734248	11.26	20.97	0.54	chr14	N/A	2	22	80.57	74.57
Hs.644961	56.58	105.35	0.54	chr3	N/A	7	73	61.65	59.48
MATN1-AS1	11.21	20.87	0.54	chr1	1p35.2	12	637	92.69	77.49
Hs.664009	5.79	10.78	0.54	chr7	N/A	18	405	81.73	127.65
Hs.585792	38.27	71.26	0.54	chr17	N/A	8	377	80.42	66.98
LINC00559	3.24	6.04	0.54	chr13	N/A	1	304	0.00	62.99
PPBP	28.42	52.92	0.54	chr4	4q12-q13	35	613	91.36	401.23
PRRT3	20.28	37.77	0.54	chr3	3p25.3	26	461	101.43	116.97
ZNF516	28.49	53.06	0.54	chr18	18q23	80	904	165.59	156.91
ATG9B	13.07	24.34	0.54	chr7	7q36.1	56	1191	72.65	168.36
Hs.662969	21.03	39.18	0.54	chr2	N/A	7	73	89.75	97.82
Hs.666118	6.47	12.05	0.54	chr15	N/A	7	73	42.97	94.08
TLR3	14.53	27.06	0.54	chr4	4q35	33	572	73.27	61.94
Hs.17932	6.49	12.09	0.54	chr2	N/A	10	73	31.91	101.52
Hs.571062	7.56	14.09	0.54	chr6	N/A	1	305	0.00	61.26
NUTM2B	25.25	47.03	0.54	chr10	10q22.3	4	304	59.65	98.90
E1F2S3	111.89	208.43	0.54	chrX	Xp22.2-p22.1	51	1319	163.47	80.13
ATF7IP2	29.51	54.98	0.54	chr16	16p13.13	40	613	105.28	78.20
Hs.708046	7.69	14.33	0.54	chr1	N/A	10	28	92.90	57.48
Hs.603656	7.11	13.24	0.54	chr6	N/A	2	22	18.56	70.90
LOC100506286	3.97	7.39	0.54	chr2	N/A	1	316	0.00	51.46
Hs.176013	9.57	17.82	0.54	chr20	N/A	3	66	111.11	368.54
CMPK1	117.19	218.35	0.54	chr1	1p32	33	1146	89.80	97.08
ZFP41	16.11	30.01	0.54	chr8	8q24.3	33	726	131.93	67.02
PLEC	53.04	98.83	0.54	chr8	8q24	105	1320	143.70	116.57
Hs.667618	6.98	13.00	0.54	chr15	N/A	2	22	28.38	60.57
Hs.150166	7.09	13.21	0.54	chr7	N/A	21	219	62.57	140.09
HEMK1	21.67	40.39	0.54	chr3	3p21.3	55	1670	105.94	77.42
Hs.604483	5.37	10.02	0.54	chr10	N/A	7	73	47.13	71.56
WNT9A	14.95	27.87	0.54	chr1	1q42	27	768	105.32	104.17
Hs.599805	8.30	15.48	0.54	chr7	N/A	7	73	71.26	93.03
PRR12	35.06	65.36	0.54	chr19	19q13.33	25	517	54.89	61.39
ZNF830	52.49	97.85	0.54	chr17	17q12	28	721	93.54	37.46
SARM1	33.16	61.81	0.54	chr17	17q11	23	499	97.10	67.12
Hs.720329	16.31	30.40	0.54	chr5	N/A	22	523	96.33	97.21

Hs.127851	7.42	13.84	0.54	chr1	N/A	7	73	62.83	83.13
LOC100506526	8.77	16.34	0.54	chr5	N/A	11	332	144.46	70.25
ENDOV	20.23	37.71	0.54	chr17	17q25.3	19	947	54.22	100.37
Hs.507978	118.29	220.54	0.54	chr1	N/A	8	377	80.02	55.22
Hs.602979	9.99	18.63	0.54	chr19	N/A	7	73	46.49	68.00
Hs.737327	31.26	58.28	0.54	chr17	N/A	1	304	0.00	32.09
ZNF20	19.44	36.25	0.54	chr19	19p13.2	30	570	78.26	64.58
Hs.155348	5.74	10.70	0.54	chr7	N/A	7	73	62.09	155.97
TMEM106A	19.71	36.76	0.54	chr17	17q21.31	38	1525	84.90	106.99
KRT38	18.25	34.04	0.54	chr17	17q12-q21	31	493	100.39	99.70
STK10	31.61	58.96	0.54	chr5	5q35.1	40	1374	77.35	97.16
TAOK3	48.22	89.94	0.54	chr12	12q	54	1137	126.76	97.83
MPZL1	47.25	88.13	0.54	chr1	1q24.2	94	2729	100.80	83.57
Hs.666599	50.85	94.84	0.54	chr2	N/A	10	139	92.08	100.20
Hs.666409	8.39	15.64	0.54	chr15	N/A	14	146	78.18	80.84
ZNFX1	84.20	157.07	0.54	chr20	20q13.13	43	570	231.16	114.06
TALDO1	271.56	506.63	0.54	chr11	11p15.5-p15.4	61	622	90.11	108.30
Hs.666279	14.68	27.39	0.54	chr2	N/A	7	73	68.82	65.05
SOWAHD	23.16	43.22	0.54	chrX	Xq24	5	16	53.89	24.20
Hs.707326	13.12	24.48	0.54	chr9	N/A	7	73	62.87	58.81
Hs.103241	7.74	14.45	0.54	chr1	N/A	7	73	80.71	76.33
ACOXL	6.38	11.91	0.54	chr2	2q13	36	902	96.13	104.95
ENOX1	18.45	34.43	0.54	chr13	13q14.11	28	530	67.34	75.29
MUM1	46.85	87.44	0.54	chr19	19p13.3	75	2088	115.47	82.23
TUBGCP4	27.29	50.94	0.54	chr15	15q15	35	571	100.29	61.14
Hs.125543	7.41	13.83	0.54	chr6	N/A	12	50	89.53	90.06
LOC100996455	4.86	9.06	0.54	chr11	11q13.1	11	332	31.37	55.00
SPNS2	67.72	126.42	0.54	chr17	17p13.2	31	434	87.83	88.71
SLC25A2	23.12	43.15	0.54	chr5	5q31	26	457	214.46	154.32
Hs.595378	73.46	137.14	0.54	chr8	N/A	24	565	64.18	58.46
Hs.678564	24.08	44.96	0.54	chr13	N/A	1	304	0.00	32.87
Hs.662494	25.61	47.82	0.54	chr3	N/A	3	326	56.12	39.31
Hs.661511	26.18	48.90	0.54	chr7	N/A	7	73	52.02	64.49
Hs.147841	6.99	13.05	0.54	chr7	N/A	2	22	2.01	77.02
C9orf40	17.38	32.47	0.54	chr9	9q21.13	39	867	96.52	77.81
Hs.657988	7.82	14.60	0.54	chr7	N/A	1	304	0.00	52.32
NOX1	12.02	22.45	0.54	chrX	Xq22	83	2001	123.07	114.80
Hs.222079	8.87	16.58	0.54	chr17	N/A	7	73	89.11	83.89
LRRN3	29.95	55.95	0.54	chr7	7q31.1	53	1067	194.10	196.76
FAM71D	9.09	16.99	0.54	chr14	14q23.3	34	434	276.90	121.05
Hs.658045	7.65	14.30	0.54	chr1	N/A	7	73	47.18	73.35
FXYD5	110.16	205.83	0.54	chr19	19q13.12	41	808	126.36	80.44
TMEM161A	78.38	146.45	0.54	chr19	19p13.11	26	880	117.67	76.88
Hs.664834	22.43	41.92	0.54	chr1	N/A	17	101	89.94	70.80
VNN1	18.32	34.22	0.54	chr6	6q23-q24	55	1052	116.77	318.98
Hs.710650	11.80	22.06	0.54	chr20	N/A	7	73	78.12	80.84
IGHG1	118.43	221.33	0.54	chr14	14q32.33	286	8164	373.58	468.43
Hs.562190	7.60	14.21	0.54	chr1	N/A	5	22	32.61	108.41
Hs.35755	7.30	13.64	0.54	chr15	N/A	8	377	82.81	65.63
TRIB1	61.19	114.35	0.54	chr8	8q24.13	59	1314	161.02	233.30
DPPA4	5.63	10.53	0.54	chr3	3q13.13	19	752	58.80	122.39
OR56A1	15.82	29.58	0.54	chr11	11p15.4	5	52	41.86	67.24
Hs.732077	20.45	38.22	0.54	chr15	N/A	7	73	88.22	83.82
ZNF79	16.88	31.56	0.54	chr9	9q34	50	1437	61.19	63.16
FAM19A3	7.96	14.87	0.53	chr1	1p13.2	24	80	104.68	88.45
Hs.741333	39.14	73.17	0.53	chr10	N/A	7	73	76.60	108.37
CCDC25	60.63	113.34	0.53	chr8	8p21.1	59	966	66.39	54.45
LOC100505504	9.21	17.21	0.53	chr11	N/A	7	73	63.51	86.41
Hs.683821	5.96	11.13	0.53	chr11	N/A	10	28	24.32	40.84
EEF1G	1,449.16	2,709.17	0.53	chr11	11q12.3	68	1508	69.02	47.93
C2orf57	13.12	24.52	0.53	chr2	2q37.1	24	405	152.77	168.75
WDFY2	33.85	63.28	0.53	chr13	13q14.3	53	1028	153.18	113.73
MGME1	36.64	68.51	0.53	chr20	20p11.23	34	442	111.55	63.96
ZNF576	33.26	62.18	0.53	chr19	19q13.31	36	965	90.24	65.95
Hs.553118	10.14	18.96	0.53	chr6	N/A	10	73	47.50	85.44
Hs.560955	32.15	60.12	0.53	chr2	N/A	7	73	50.53	63.78
Hs.518179	11.41	21.34	0.53	chr3	N/A	7	73	63.50	125.74
Hs.663309	14.56	27.23	0.53	chr1	N/A	7	73	52.16	84.31
Hs.661232	12.58	23.53	0.53	chr19	N/A	7	73	63.58	81.05
FMR1	69.57	130.14	0.53	chrX	Xq27.3	44	1064	152.69	79.92
EVPL	48.78	91.25	0.53	chr17	17q25	30	577	98.32	210.60
Hs.148243	9.30	17.39	0.53	chr4	N/A	2	22	56.03	93.14
Hs.604344	12.27	22.96	0.53	chr8	N/A	7	73	76.62	67.39
MLN	17.41	32.57	0.53	chr6	6p21.3	43	597	97.76	75.28
ZNF410	89.53	167.51	0.53	chr14	14q24.3	35	997	108.18	64.85
MYO19	23.92	44.75	0.53	chr17	17q12	55	1871	71.86	99.39
Hs.660043	7.05	13.19	0.53	chr1	N/A	7	73	36.41	86.28
CDK17	43.33	81.07	0.53	chr12	12q23.1	46	1125	137.51	106.04
Hs.587338	4.65	8.71	0.53	chr5	N/A	6	66	40.75	103.43
LOXL3	25.20	47.15	0.53	chr2	2p13	27	360	70.72	48.68
MTMR11	32.84	61.45	0.53	chr1	1q12-q21	55	1101	62.06	81.67
C7orf71	6.94	12.98	0.53	chr7	7p15.2	4	370	33.02	78.80
Hs.252516	8.36	15.64	0.53	chr4	N/A	7	73	49.64	107.58
RPL37	909.49	1,701.98	0.53	chr5	5p13	47	912	158.05	100.66
RPL41	3,163.98	5,921.09	0.53	chr12	12q13	34	579	72.99	43.74
Hs.121231	14.24	26.65	0.53	chr6	N/A	7	73	128.70	84.44
ZNF507	30.41	56.91	0.53	chr19	19q13.11	59	1366	112.97	92.95
Hs.652659	6.26	11.71	0.53	chrX	N/A	2	22	15.51	91.59
ASF1B	32.77	61.34	0.53	chr19	19p13.12	28	532	89.82	82.54
RAPGEF4-AS1	8.87	16.61	0.53	chr2	2q31.1	1	310	0.00	64.13
Hs.601000	53.36	99.88	0.53	chr1	N/A	7	73	69.37	65.14
NRG2	15.94	29.83	0.53	chr5	5q23-q33	64	1458	102.61	121.44
Hs.564904	7.88	14.74	0.53	chr16	N/A	3	66	98.05	74.58

LOC100130700	13.69	25.63	0.53	chr16	16p11.1	18	405	71.77	129.74
LPP-AS2	10.09	18.89	0.53	chr3	3q27.3	9	681	48.59	73.97
LOC100506735	7.07	13.24	0.53	chr16	N/A	1	304	0.00	53.44
Hs.127097	5.52	10.34	0.53	chr3	N/A	2	22	10.58	95.16
FAM102B	38.43	71.94	0.53	chr1	1p13.3	35	737	208.12	314.65
ZCCHC24	131.43	246.07	0.53	chr10	10q22.3	35	992	76.05	90.59
LEFTY1	16.67	31.21	0.53	chr1	1q42.1	28	549	97.64	174.14
IGLV4-3	22.88	42.84	0.53	chr22	22q11.2	5	408	77.22	69.03
Hs.127393	10.65	19.95	0.53	chr9	N/A	10	73	71.63	129.96
B3GAT3	22.53	42.19	0.53	chr11	11q12.3	35	997	96.65	73.94
CPN1	25.69	48.11	0.53	chr10	10q24.2	30	573	73.54	129.61
CNOT7	92.42	173.08	0.53	chr8	8p22-p21.3	70	1533	113.23	96.67
TADA2B	52.34	98.02	0.53	chr4	4p16.1	45	947	142.10	77.82
Hs.663737	18.86	35.31	0.53	chr6	N/A	14	146	52.85	89.70
IGIP	59.35	111.16	0.53	chr5	5q31	32	806	72.65	80.84
SLC37A4	44.05	82.51	0.53	chr11	11q23.3	35	996	92.10	128.55
RHOBTB3	68.03	127.43	0.53	chr5	5q15	87	2799	155.47	133.37
Hs.87271	2.46	4.62	0.53	chr1	N/A	1	304	0.00	85.52
Hs.510007	23.01	43.11	0.53	chr6	N/A	4	304	106.25	34.11
Hs.719483	22.64	42.43	0.53	chr10	N/A	7	73	52.11	159.50
Hs.662539	19.79	37.08	0.53	chr1	N/A	8	12	13.25	40.52
CHRM4	15.99	29.97	0.53	chr11	11p12-p11.2	23	516	89.72	78.06
Hs.550920	7.36	13.80	0.53	chr16	N/A	1	304	0.00	67.22
POM121L2	19.90	37.29	0.53	chr6	6p22.1	7	459	75.56	53.28
FN3KRP	73.68	138.07	0.53	chr17	17q25.3	31	599	47.25	49.32
NDST3	8.50	15.93	0.53	chr4	4q26	28	526	91.10	79.05
CYLC1	11.24	21.06	0.53	chrX	Xq21.1	40	1400	93.54	127.28
ARL17B	28.36	53.15	0.53	chr17	17q21.31	54	1118	122.98	112.04
RICTOR	75.69	141.85	0.53	chr5	5p13.1	49	1276	110.62	82.63
SLCO4C1	10.62	19.90	0.53	chr5	5q21.2	39	696	95.32	117.81
SKIV2L	57.52	107.81	0.53	chr6	6p21	30	570	105.85	54.47
COG7	30.61	57.37	0.53	chr16	16p12.2	44	717	69.03	77.59
Hs.221037	11.60	21.73	0.53	chr11	N/A	1	304	0.00	47.34
HIP1R	62.66	117.44	0.53	chr12	12q24	55	1367	125.86	108.45
SEMA4A	47.63	89.29	0.53	chr1	1q22	36	909	74.76	99.30
Hs.59471	4.71	8.83	0.53	chr21	N/A	7	73	23.51	78.09
LOC100289045	7.10	13.31	0.53	chr5	5q13.2	11	332	29.88	85.22
HMGN2	479.68	899.36	0.53	chr1	1p36.1	87	767	82.39	78.83
Hs.655840	7.14	13.39	0.53	chr10	N/A	7	73	57.97	84.22
Hs.669947	18.28	34.29	0.53	chr8	N/A	2	608	33.16	77.16
Hs.157697	10.90	20.44	0.53	chr4	N/A	4	304	28.71	35.52
Hs.666803	6.56	12.30	0.53	chr15	N/A	7	73	35.33	88.71
Hs.734685	17.00	31.88	0.53	chr1	N/A	7	73	73.64	65.66
Hs.664788	8.46	15.87	0.53	chr15	N/A	7	73	103.36	80.20
DMRTA2	12.66	23.75	0.53	chr1	1p32.3	6	357	130.56	58.90
C20orf202	10.22	19.18	0.53	chr20	20p13	15	638	87.50	88.88
LAMP2	80.32	150.68	0.53	chrX	Xq24	108	1898	115.83	91.65
PGM3	30.20	56.65	0.53	chr6	6q14.1-q15	79	1284	79.75	92.83
SNW1	86.39	162.08	0.53	chr14	14q24.3	35	997	73.99	55.35
Hs.743543	39.24	73.63	0.53	chr13	N/A	5	51	90.76	55.47
SLC25A43	22.66	42.51	0.53	chrX	Xq24	34	465	160.70	86.88
Hs.659474	6.10	11.44	0.53	chr6	N/A	2	22	73.12	59.92
ARL4D	30.24	56.75	0.53	chr17	17q21.31	44	1024	109.57	113.14
RAB1B	129.21	242.48	0.53	chr11	11q12	38	561	134.38	57.61
Hs.604644	7.51	14.09	0.53	chr12	N/A	7	73	74.26	60.67
Hs.662181	6.40	12.02	0.53	chr4	N/A	8	377	60.18	90.34
Hs.734268	11.08	20.79	0.53	chr18	N/A	7	73	36.36	71.69
CGREF1	14.48	27.18	0.53	chr2	2p23.3	28	553	82.98	109.57
Hs.666027	11.11	20.85	0.53	chr1	N/A	7	73	79.11	74.38
YIPF2	44.38	83.30	0.53	chr19	19p13.2	48	1787	102.98	85.21
SLC38A3	21.60	40.56	0.53	chr3	3p21.3	40	601	78.82	190.66
HITF	70.81	132.94	0.53	chr3	3q25.1-q26.1	55	660	232.46	108.20
HMMR	18.14	34.05	0.53	chr5	5q33.2-qter	46	999	93.91	135.12
CCDC86	76.13	142.96	0.53	chr11	11q12.2	47	673	97.61	298.92
LOC100506271	12.27	23.05	0.53	chr22	N/A	21	405	104.13	246.24
Hs.657549	5.34	10.02	0.53	chr9	N/A	1	304	0.00	72.74
Hs.661642	16.73	31.42	0.53	chr12	N/A	8	336	79.33	37.97
Hs.559589	9.79	18.38	0.53	chr1	N/A	8	12	11.87	31.38
LOC730227	19.47	36.57	0.53	chr1	1q32.1	14	449	96.80	89.23
ZNF263	43.52	81.73	0.53	chr16	16p13.3	39	689	81.22	49.93
MAPK8IP2	26.30	49.40	0.53	chr22	22q13.33	47	996	104.32	99.96
Hs.539622	5.75	10.80	0.53	chr13	N/A	7	73	56.45	81.01
C2	51.68	97.07	0.53	chr6	6p21.3	58	965	95.08	336.78
DCAF16	38.59	72.48	0.53	chr4	4p15.31	44	1283	91.33	80.07
C5orf34	9.24	17.36	0.53	chr5	5p12	20	332	75.58	59.42
Hs.130105	32.74	61.50	0.53	chr12	N/A	2	22	123.82	132.84
G2E3	23.66	44.44	0.53	chr14	14q12	63	1954	147.25	92.06
Hs.635948	18.02	33.85	0.53	chr20	N/A	1	304	0.00	50.46
CDHR3	16.88	31.71	0.53	chr7	7q22.3	71	1205	102.94	205.37
Hs.602497	8.52	16.00	0.53	chr21	N/A	1	304	0.00	79.48
Hs.604968	42.87	80.53	0.53	chr9	N/A	7	73	73.65	96.56
Hs.443913	6.76	12.70	0.53	chr11	N/A	10	73	56.96	88.19
CCDC59	60.22	113.13	0.53	chr12	12q21.31	39	865	63.20	60.49
Hs.465783	3.44	6.47	0.53	chr1	N/A	1	304	0.00	154.76
N4BP2L1	24.67	46.34	0.53	chr13	13q13.1	97	3555	101.51	122.22
Hs.131331	6.80	12.78	0.53	chr10	N/A	2	22	48.15	73.82
CUL7	27.36	51.41	0.53	chr6	6p21.1	44	1672	94.92	93.36
Hs.653282	40.79	76.66	0.53	chr22	N/A	8	377	110.20	54.27
SHANK2	15.97	30.00	0.53	chr11	11q13.2	82	2678	143.01	137.01
COL8A2	25.38	47.69	0.53	chr1	1p34.2	36	944	114.50	69.61
SPRN	17.49	32.86	0.53	chr10	10q26.3	33	451	157.12	67.66
Hs.98222	10.19	19.15	0.53	chr5	N/A	10	73	79.16	147.84
C1orf162	44.92	84.41	0.53	chr1	1p13.2	29	420	131.91	152.18

Hs.26297	18.64	35.03	0.53	chr7	N/A	21	405	64.19	46.46
LOC100996664	42.64	80.13	0.53	chr14	N/A	10	73	64.16	99.05
Hs.3353	151.36	284.51	0.53	chr5	N/A	8	377	53.23	39.29
Hs.743183	104.17	195.79	0.53	chr16	N/A	7	73	76.80	71.59
GTF2IRD1	62.64	117.75	0.53	chr7	7q11.23	41	566	69.09	69.40
PARD3B	18.18	34.17	0.53	chr2	2q33.3	89	2010	125.37	117.93
LOC100506392	12.55	23.60	0.53	chr1	1p13-p12	22	667	40.72	57.62
CHRM3	12.50	23.50	0.53	chr1	1q43	29	1317	93.80	120.02
Hs.569824	7.90	14.85	0.53	chr17	N/A	7	73	82.92	90.39
Hs.145256	6.25	11.74	0.53	chr5	N/A	2	22	98.86	91.01
SAMD12	24.57	46.18	0.53	chr8	8q24.12	39	725	162.88	152.74
DONSON	24.60	46.25	0.53	chr21	21q22.1	41	549	71.61	67.50
Hs.348816	5.61	10.55	0.53	chr6	N/A	4	304	41.46	245.60
LRRC4C	44.13	82.97	0.53	chr11	11p12	18	410	224.61	120.18
Hs.743844	15.85	29.79	0.53	chr10	N/A	4	370	71.62	60.74
TRMT61A	30.76	57.83	0.53	chr14	14q32	51	1349	93.41	140.37
SPDYE4	7.26	13.66	0.53	chr17	17p13.1	2	16	7.05	81.18
Hs.49135	5.66	10.64	0.53	chr12	N/A	7	73	65.71	83.14
Hs.662469	8.00	15.05	0.53	chr7	N/A	14	146	59.19	111.57
MLPH	127.41	239.61	0.53	chr2	2q37.3	48	585	107.90	139.02
WAC-AS1	73.02	137.32	0.53	chr10	10p11.23	18	405	55.36	56.75
Hs.655762	20.35	38.28	0.53	chr17	N/A	17	487	50.87	56.16
Hs.124672	10.43	19.63	0.53	chr22	N/A	21	516	95.55	63.29
OAS3	27.15	51.08	0.53	chr12	12q24.2	42	865	114.40	92.71
IL36A	19.17	36.07	0.53	chr2	2q12-q14.1	21	465	48.88	105.04
PCGF3	30.09	56.60	0.53	chr4	4p16.3	84	2235	77.50	84.53
Hs.667570	3.53	6.64	0.53	chr3	N/A	1	304	0.00	65.75
OSGIN1	20.82	39.16	0.53	chr16	16q23.3	27	461	134.66	89.68
Hs.659251	19.17	36.08	0.53	chr11	N/A	14	146	72.40	63.86
Hs.726339	27.90	52.50	0.53	chr4	N/A	8	377	114.00	49.28
Hs.468280	8.35	15.71	0.53	chr2	N/A	8	377	63.32	99.74
BCR	39.06	73.49	0.53	chr22	22q11.23	146	1780	116.02	76.89
Hs.663253	10.35	19.47	0.53	chr7	N/A	14	146	40.74	76.97
Hs.602396	39.77	74.85	0.53	chr19	N/A	10	139	59.45	108.99
Hs.663804	75.87	142.81	0.53	chr2	N/A	7	73	69.30	112.39
KIF18A	5.69	10.70	0.53	chr11	11p14.1	24	448	56.63	146.23
AVPR1A	11.27	21.22	0.53	chr12	12q14-q15	63	2057	73.83	150.12
MFS9	29.56	55.63	0.53	chr2	2q12.1	40	562	145.84	484.03
LOC100506667	6.61	12.44	0.53	chr9	N/A	12	645	28.42	64.88
Hs.665215	15.95	30.02	0.53	chr4	N/A	5	51	42.77	51.79
MS4A15	16.49	31.05	0.53	chr11	11q12.2	18	389	117.21	164.50
Hs.668362	6.31	11.88	0.53	chr12	N/A	7	73	30.68	72.42
DVL2	40.89	76.99	0.53	chr17	17p13.1	45	1070	84.01	69.73
Hs.729703	52.29	98.46	0.53	chr8	N/A	5	425	60.47	111.94
TMEM180	15.31	28.83	0.53	chr10	10q24.32	28	523	77.92	60.69
VAMP7	87.00	163.85	0.53	chrX	Xq28 and Yq1:	30	577	65.79	48.54
AR	42.88	80.75	0.53	chrX	Xq12	100	1843	80.22	105.14
Hs.658313	6.44	12.13	0.53	chr9	N/A	1	304	0.00	53.92
Hs.656815	9.95	18.73	0.53	chr6	N/A	7	73	33.77	64.01
INSL6	6.88	12.97	0.53	chr9	9p24	31	526	72.37	132.82
GOLPH3	172.74	325.35	0.53	chr5	5p13.3	42	684	97.43	83.01
PEAK1	56.07	105.61	0.53	chr15	15q24.3	63	983	152.28	121.81
ZRSR2	60.90	114.72	0.53	chrX	Xp22.1	40	1046	58.66	47.55
ARPC5L	94.30	177.61	0.53	chr9	9q33.3	36	1501	91.75	76.31
Hs.649169	5.99	11.29	0.53	chr9	N/A	1	304	0.00	78.82
Hs.552247	12.99	24.46	0.53	chr2	N/A	7	73	94.01	75.27
Hs.570716	18.82	35.45	0.53	chr4	N/A	1	304	0.00	47.39
ANXA13	14.29	26.91	0.53	chr8	8q24.13	49	630	107.91	150.53
Hs.435064	3.41	6.42	0.53	chr9	N/A	1	304	0.00	66.92
Hs.116182	5.98	11.26	0.53	chr6	N/A	7	73	56.24	65.08
Hs.576883	16.22	30.57	0.53	chr10	N/A	10	28	79.79	41.33
TTC21A	19.67	37.06	0.53	chr3	3p22.2	25	720	117.72	281.01
COL11A2	31.88	60.06	0.53	chr6	6p21.3	52	1140	192.27	90.02
SSX1	10.30	19.41	0.53	chrX	Xp11.23	41	985	102.80	197.48
CHD9	47.84	90.14	0.53	chr16	16q12.2	106	3314	181.24	152.59
ZNF510	26.14	49.25	0.53	chr9	9q22.33	47	672	139.55	80.96
Hs.678396	4.95	9.33	0.53	chr2	N/A	1	304	0.00	72.62
Hs.743944	11.47	21.61	0.53	chr9	N/A	14	146	50.05	158.37
Hs.677040	16.11	30.35	0.53	chr15	N/A	1	304	0.00	119.87
Hs.274276	11.09	20.89	0.53	chr8	N/A	4	304	114.76	85.77
Hs.28312	7.41	13.97	0.53	chr4	N/A	7	73	90.87	74.55
TNPO3	60.94	114.85	0.53	chr7	7q32.1	42	1456	100.04	65.21
GNA12	47.70	89.92	0.53	chr7	7p22.2	77	1100	113.93	77.72
Hs.662765	15.88	29.93	0.53	chr21	N/A	1	304	0.00	42.74
Hs.655815	11.15	21.02	0.53	chrX	N/A	2	22	23.61	47.31
Hs.596961	10.51	19.82	0.53	chr13	N/A	7	73	51.23	73.24
KDM3B	98.90	186.45	0.53	chr5	5q31	42	1070	72.11	54.80
DDI1	21.44	40.43	0.53	chr11	11q22.3	19	386	187.33	225.09
Hs.662795	5.42	10.22	0.53	chrX	N/A	7	73	53.89	66.82
Hs.594812	9.10	17.17	0.53	chr6	N/A	21	219	57.64	96.11
CCNA2	24.51	46.21	0.53	chr4	4q27	141	1325	227.62	157.78
Hs.596714	553.59	1,044.03	0.53	chr3	N/A	7	73	82.36	74.16
LGALS13	7.73	14.58	0.53	chr19	19q13.1	30	578	86.06	90.72
NSUN5	80.20	151.27	0.53	chr7	7q11.23	39	958	82.27	159.80
Hs.659698	9.72	18.33	0.53	chr12	N/A	7	73	81.00	80.21
CHIA	16.89	31.86	0.53	chr1	1p13.2	24	457	81.34	223.21
Hs.602305	5.23	9.86	0.53	chr17	N/A	2	22	38.62	59.24
Hs.444029	11.04	20.83	0.53	chr6	N/A	11	377	77.85	55.62
SLC5A6	40.56	76.52	0.53	chr2	2p23	49	630	167.27	98.87
Hs.223803	35.74	67.42	0.53	chr19	N/A	14	332	52.43	95.40
WDR52	12.23	23.08	0.53	chr3	3q13.2	32	782	111.50	78.88
ENO2	87.89	165.82	0.53	chr12	12p13	30	574	130.79	172.38
Hs.658209	9.34	17.63	0.53	chr2	N/A	4	304	137.10	57.36

D21S2088E	14.80	27.92	0.53	chr21	N/A	19	709	166.44	103.37
XRN1	31.80	60.01	0.53	chr3	3q23	79	1729	125.26	108.89
Hs.117115	16.39	30.93	0.53	chr22	N/A	10	73	76.46	90.57
Hs.601161	10.71	20.22	0.53	chr10	N/A	7	73	53.18	88.70
ZNF419	56.46	106.58	0.53	chr19	19q13.43	42	988	137.44	92.72
LRRCA47	125.38	236.66	0.53	chr1	1p36.32	50	544	90.70	60.27
IFNA17	32.93	62.16	0.53	chr9	9p22	11	425	128.17	93.20
GPSM3	52.37	98.86	0.53	chr6	6p21.3	55	1041	94.43	154.31
CMTM7	71.85	135.65	0.53	chr3	3p22.3	55	923	106.04	148.58
EPHA7	12.91	24.37	0.53	chr6	6q16.1	48	1588	228.17	479.02
Hs.603306	93.38	176.31	0.53	chr6	N/A	7	73	76.63	82.00
TBC1D2B	38.96	73.56	0.53	chr15	15q24.3-q25.1	68	1845	86.39	100.02
EPB41L2	66.87	126.29	0.53	chr6	6q23	59	1520	225.18	138.42
P2RX4	39.35	74.32	0.53	chr12	12q24.32	30	575	86.11	63.42
Hs.721189	31.25	59.02	0.53	chr16	N/A	7	73	104.58	60.56
ATP11B	30.35	57.33	0.53	chr3	3q27	89	2368	99.30	104.43
C1orf74	19.04	35.97	0.53	chr1	1q32.2	19	389	86.23	60.60
Hs.723431	13.48	25.46	0.53	chr3	N/A	1	304	0.00	116.53
Hs.668075	24.28	45.87	0.53	chr3	N/A	2	22	2.50	54.54
PAQR5	11.29	21.33	0.53	chr15	15q23	35	791	66.46	201.44
Hs.733361	21.93	41.42	0.53	chr8	N/A	26	417	104.40	120.17
ZNF561	30.88	58.33	0.53	chr19	19p13.2	45	847	234.07	84.14
SMIM14	79.29	149.78	0.53	chr4	4p14	41	962	117.69	149.33
Hs.552917	6.22	11.75	0.53	chr12	N/A	8	377	65.57	164.74
Hs.658687	10.49	19.81	0.53	chr19	N/A	7	73	88.78	260.23
Hs.596573	33.67	63.61	0.53	chr12	N/A	7	73	84.95	54.12
Hs.318431	14.57	27.53	0.53	chr14	N/A	3	326	64.69	99.98
SPTLC3	17.67	33.38	0.53	chr20	20p12.1	61	1042	103.17	152.23
Hs.119998	5.02	9.49	0.53	chr5	N/A	11	332	71.31	108.38
WAC	108.87	205.73	0.53	chr10	10p12.1-p11.2	73	2432	131.69	103.26
Hs.669500	8.08	15.26	0.53	chr11	N/A	1	304	0.00	57.83
PTGER3	14.76	27.90	0.53	chr1	1p31.2	166	5331	82.26	202.66
FRYL	39.47	74.59	0.53	chr4	4p11	100	2615	142.45	108.79
SETDB1	35.77	67.59	0.53	chr1	1q21	45	1025	69.03	67.61
Hs.731846	6.88	13.00	0.53	chr15	N/A	8	377	49.09	62.96
SLC43A3	48.40	91.47	0.53	chr11	11q11	66	1131	108.35	110.39
Hs.666689	8.16	15.42	0.53	chr11	N/A	2	22	4.48	50.45
Hs.658264	7.88	14.89	0.53	chr4	N/A	8	377	100.14	144.21
DHX40	59.75	112.91	0.53	chr17	17q23.1	60	1035	117.18	78.97
TGOLN2	107.19	202.58	0.53	chr2	2p11.2	62	2286	130.35	113.14
KRR1	34.45	65.11	0.53	chr12	12q21.2	51	1458	85.93	74.76
LNX1-AS1	6.58	12.44	0.53	chr4	N/A	7	73	104.69	92.48
DLL4	25.78	48.73	0.53	chr15	15q14	26	468	95.18	90.08
C16orf62	31.33	59.23	0.53	chr16	16p12.3	57	1177	116.29	100.39
Hs.12669	6.91	13.07	0.53	chr18	N/A	13	28	37.67	38.46
Hs.128073	12.37	23.38	0.53	chr5	N/A	14	146	109.37	110.60
Hs.600124	16.78	31.72	0.53	chr11	N/A	3	66	50.60	57.28
HK3	22.12	41.81	0.53	chr5	5q35.2	38	571	95.82	282.21
PHLPP2	26.78	50.63	0.53	chr16	16q22.2	49	1231	120.69	72.74
Hs.657479	7.78	14.71	0.53	chr9	N/A	7	73	40.49	83.67
UBASH3B	11.29	21.35	0.53	chr11	11q24.1	48	1929	88.57	111.84
AQP11	16.70	31.57	0.53	chr11	11q14.1	19	390	162.89	106.98
MYC	78.74	148.89	0.53	chr8	8q24.21	110	1386	144.68	171.56
C1orf87	12.26	23.18	0.53	chr1	1p32.1	35	617	75.24	126.42
Hs.666004	24.38	46.11	0.53	chr2	N/A	1	304	0.00	54.81
LOC100505991	10.24	19.37	0.53	chr1	N/A	16	168	70.04	78.47
WWOX	30.18	57.09	0.53	chr16	16q23.3-q24.1	140	2724	125.80	108.54
CCNYL2	13.77	26.06	0.53	chr10	10q11.21	5	52	46.04	82.33
C21orf67	17.27	32.66	0.53	chr21	21q22.3	33	952	76.72	94.75
ELOVL6	23.36	44.19	0.53	chr4	4q25	54	1176	122.39	192.34
PTPRZ1	47.81	90.45	0.53	chr7	7q31.3	57	699	505.14	209.33
BTN3A3	89.87	170.02	0.53	chr6	6p21.3	52	1553	147.04	205.87
ZMIZ1-AS1	14.18	26.83	0.53	chr10	10q22.3	8	379	83.28	45.14
GORAB	23.57	44.59	0.53	chr1	1q24.2	29	464	68.45	69.63
TNMD	11.17	21.13	0.53	chrX	Xq21.33-q23	28	527	105.19	263.42
CNTN3	22.05	41.73	0.53	chr3	3p12.3	50	594	117.71	107.53
Hs.636489	5.01	9.48	0.53	chr2	N/A	16	24	42.26	73.40
SLC50A1	32.74	61.97	0.53	chr1	1q22	27	471	80.38	49.54
TNFSF15	15.66	29.65	0.53	chr9	9q32	42	861	85.13	99.84
WIPF1	39.24	74.28	0.53	chr2	2q31.1	83	2017	134.01	133.91
Hs.733918	6.79	12.85	0.53	chr4	N/A	3	66	63.23	70.14
Hs.662322	8.29	15.69	0.53	chr16	N/A	7	73	55.71	114.93
WDR81	68.65	129.96	0.53	chr17	17p13.3	28	521	119.68	85.25
Hs.560594	14.37	27.21	0.53	chr18	N/A	4	304	103.77	38.71
ER12	14.95	28.31	0.53	chr16	16p12.3	42	1200	73.44	104.56
Hs.712748	14.78	27.98	0.53	chr8	N/A	5	420	59.75	94.29
GTSE1	35.70	67.60	0.53	chr22	22q13.2-q13.3	102	2908	146.73	192.39
MIIP	62.40	118.16	0.53	chr1	1p36.22	36	941	117.63	72.03
MPPED1	25.49	48.27	0.53	chr22	22q13.31	36	565	175.06	82.80
Hs.126658	9.22	17.47	0.53	chr1	N/A	8	377	49.24	68.76
Hs.664777	5.93	11.23	0.53	chr8	N/A	5	51	61.07	92.27
LOC100422737	9.31	17.64	0.53	chr6	N/A	42	1536	140.37	142.08
EXT1	49.27	93.33	0.53	chr8	8q24.11	72	1032	125.04	101.92
LOXHD1	7.37	13.96	0.53	chr18	18q21.1	43	518	103.95	107.50
Hs.500098	19.26	36.48	0.53	chr17	N/A	30	900	108.73	97.26
KLF1	19.45	36.84	0.53	chr19	19p13.2	31	606	97.97	220.99
Hs.660216	21.20	40.15	0.53	chr3	N/A	8	377	82.12	58.38
Hs.655807	9.30	17.62	0.53	chr1	N/A	7	73	57.96	64.18
Hs.738476	53.90	102.11	0.53	chr3	N/A	7	73	74.56	60.92
Hs.374226	7.26	13.75	0.53	chr2	N/A	7	73	71.85	119.72
Hs.117266	11.16	21.15	0.53	chr9	N/A	11	377	68.05	48.54
Hs.731461	5.58	10.57	0.53	chr7	N/A	5	420	103.26	229.16
PI4K2A	33.77	64.00	0.53	chr10	10q24	50	1431	130.51	89.64

TRMT6	32.84	62.23	0.53	chr20	20p12.3	44	874	69.36	55.75
Hs.531217	24.20	45.86	0.53	chr5	N/A	7	73	116.83	52.18
Hs.144712	4.01	7.60	0.53	chr2	N/A	2	22	43.59	57.18
Hs.444226	6.20	11.75	0.53	chr8	N/A	3	66	73.09	78.88
Hs.253209	3.73	7.08	0.53	chr4	N/A	2	608	87.74	107.54
Hs.649874	11.40	21.60	0.53	chr16	N/A	12	639	106.90	69.28
TBC1D22B	21.71	41.14	0.53	chr6	6p21.2	44	1264	161.96	112.38
Hs.503319	8.57	16.24	0.53	chr11	N/A	5	51	36.93	50.07
LSP1	63.58	120.50	0.53	chr11	11p15.5	55	605	84.55	213.44
CDKN2AIP	47.16	89.39	0.53	chr4	4q35.1	35	606	102.01	75.20
Hs.560725	13.66	25.89	0.53	chr19	N/A	7	73	96.49	288.86
Hs.658522	28.47	53.97	0.53	chr14	N/A	7	73	51.41	41.48
Hs.675526	4.71	8.93	0.53	chr9	N/A	1	304	0.00	76.37
Hs.128013	5.56	10.54	0.53	chr9	N/A	2	22	41.31	61.40
Hs.656049	16.20	30.71	0.53	chr10	N/A	7	73	129.47	108.62
Hs.663788	21.83	41.41	0.53	chr12	N/A	14	532	97.36	127.94
Hs.657847	15.13	28.69	0.53	chr12	N/A	7	73	72.32	64.18
Hs.667668	6.85	12.99	0.53	chr7	N/A	6	132	61.30	112.72
Hs.664926	4.60	8.73	0.53	chr2	N/A	1	304	0.00	71.95
PNLDC1	12.91	24.48	0.53	chr6	6q25.3	21	439	146.92	101.89
HHIP-AS1	22.73	43.12	0.53	chr4	4q31.21	1	315	0.00	45.67
MT1F	331.16	628.22	0.53	chr16	16q13	44	1104	137.40	173.18
Hs.734046	5.43	10.31	0.53	chr22	N/A	1	304	0.00	62.22
BTB	25.92	49.18	0.53	chr3	3p25	40	1417	89.08	68.49
ZNF737	24.66	46.78	0.53	chr19	19p12	16	162	67.10	123.44
FEN1	31.22	59.24	0.53	chr11	11q12	52	1103	102.48	85.26
Hs.666350	9.59	18.19	0.53	chr2	N/A	14	146	56.22	73.29
Hs.666386	9.37	17.77	0.53	chr3	N/A	7	73	38.72	75.35
BATF	21.84	41.45	0.53	chr14	14q24.3	30	573	96.42	90.86
PUS3	40.42	76.70	0.53	chr11	11q24.2	24	455	55.73	64.52
Hs.666663	8.97	17.03	0.53	chr14	N/A	7	73	107.13	80.99
OR4C3	11.90	22.58	0.53	chr11	11p11.2	19	28	67.68	75.03
C20orf112	17.52	33.25	0.53	chr20	20q11.21	101	2541	153.20	150.36
TIGD1	20.56	39.02	0.53	chr2	2q37.1	29	413	78.30	85.55
TTY1	17.73	33.64	0.53	chrY	Yp11.2	20	487	109.74	58.70
STARD5	31.25	59.31	0.53	chr15	15q26	43	584	186.02	89.53
Hs.666869	8.87	16.83	0.53	chr7	N/A	2	22	13.46	54.25
NDEL1	73.57	139.63	0.53	chr17	17p13.1	36	643	206.51	83.90
Hs.147790	7.41	14.07	0.53	chrX	N/A	2	22	31.94	55.60
LOC100132941	22.62	42.94	0.53	chr16	16p11.2	2	16	105.60	127.24
Hs.634196	10.97	20.82	0.53	chr9	N/A	11	377	46.59	62.25
UBASH3A	5.87	11.13	0.53	chr21	21q22.3	31	527	53.82	122.31
Hs.666233	32.17	61.06	0.53	chr9	N/A	14	146	78.66	77.12
RPS5	803.91	1,526.13	0.53	chr19	19q13.4	48	619	116.62	71.05
ASH2L	83.92	159.31	0.53	chr8	8p11.2	40	605	91.27	50.39
WNT2	17.43	33.09	0.53	chr7	7q31.2	57	769	86.27	88.80
PRKCQ	37.80	71.77	0.53	chr10	10p15	45	1149	143.79	120.63
Hs.602603	21.12	40.09	0.53	chr4	N/A	7	73	60.47	50.75
GRM6	25.89	49.15	0.53	chr5	5q35	19	438	107.11	70.37
OR8H2	12.49	23.71	0.53	chr11	11q12.1	11	52	107.65	117.05
Hs.599739	5.38	10.21	0.53	chr1	N/A	14	146	88.95	106.08
Hs.132920	6.24	11.85	0.53	chr2	N/A	4	304	43.23	59.52
Hs.659399	8.68	16.48	0.53	chr1	N/A	7	73	95.43	93.14
KLHL9	66.54	126.35	0.53	chr9	9p22	53	1395	112.55	95.71
Hs.572721	9.68	18.39	0.53	chr2	N/A	14	146	120.33	157.60
Hs.556673	20.32	38.60	0.53	chr5	N/A	15	450	91.57	47.02
RIPK1	31.14	59.13	0.53	chr6	6p25.2	47	1063	107.42	92.11
TXNDC15	115.96	220.23	0.53	chr5	5q31.1	21	472	49.29	56.55
Hs.602185	18.89	35.88	0.53	chr1	N/A	7	73	54.73	65.62
GAPVD1	48.37	91.86	0.53	chr9	9q33.3	82	1551	105.68	64.98
SLC30A6	19.62	37.27	0.53	chr2	2p22.3	60	1373	113.43	90.95
Hs.28456	12.92	24.55	0.53	chr1	N/A	11	377	51.78	63.25
MORF4L1	581.18	1,103.99	0.53	chr15	15q24	45	837	81.16	61.51
Hs.658986	60.36	114.66	0.53	chr16	N/A	8	377	75.63	59.49
PAAF1	46.71	88.73	0.53	chr11	11q13.4	36	910	98.84	66.03
SLC9B2	20.80	39.51	0.53	chr4	4q24	37	798	181.47	78.39
Hs.59319	12.71	24.15	0.53	chr5	N/A	7	73	65.18	55.75
Hs.744322	11.29	21.46	0.53	chr17	N/A	7	459	66.65	80.02
CNOT8	42.66	81.06	0.53	chr5	5q31-q33	45	1456	78.47	59.01
LOC100507073	8.20	15.57	0.53	chr2	N/A	11	377	106.05	107.75
CCDC94	24.02	45.65	0.53	chr19	19p13.3	30	569	150.22	79.83
Hs.196133	11.29	21.46	0.53	chr11	N/A	4	370	73.12	65.57
ZNF285	25.56	48.58	0.53	chr19	N/A	17	342	70.51	40.78
CYP4X1	38.74	73.63	0.53	chr1	1	46	570	90.50	124.88
Hs.658961	10.51	19.97	0.53	chr5	N/A	8	377	53.52	59.84
Hs.596638	26.61	50.57	0.53	chr22	N/A	7	73	30.80	36.75
TMEM18	46.67	88.73	0.53	chr2	2p25.3	47	874	75.48	91.62
CENPT	30.81	58.58	0.53	chr16	16q22.1	38	561	91.67	59.25
SCAF11	82.93	157.68	0.53	chr12	12q12	110	3036	163.24	96.33
DUSP5	73.30	139.38	0.53	chr10	10q25	30	577	108.24	137.07
Hs.596762	11.72	22.29	0.53	chr9	N/A	7	73	91.06	74.47
CCNE2	10.97	20.86	0.53	chr8	8q22.1	38	985	81.85	119.10
Hs.664391	14.51	27.59	0.53	chr22	N/A	7	73	91.02	62.41
Hs.560681	7.90	15.03	0.53	chr19	N/A	7	73	55.34	83.41
TRIM21	53.16	101.11	0.53	chr11	11p15.5	23	498	86.91	49.79
Hs.396831	4.83	9.19	0.53	chr9	N/A	1	307	0.00	80.27
Hs.663669	24.36	46.33	0.53	chr2	N/A	1	304	0.00	40.72
Hs.659192	10.16	19.33	0.53	chr6	N/A	2	16	55.41	23.79
PGAP1	15.49	29.46	0.53	chr2	2q33.1	65	2029	121.33	105.33
ABCA1	40.40	76.85	0.53	chr9	9q31.1	75	2001	168.40	137.85
LOC440600	5.82	11.06	0.53	chr1	1p13.3	7	81	25.82	122.90
Hs.12764	13.46	25.60	0.53	chr12	N/A	4	304	76.69	49.68
Hs.667818	8.90	16.93	0.53	chr7	N/A	7	73	85.85	209.05

LOC100996344	13.31	25.32	0.53	chr16	N/A	11	332	57.98	48.11
Hs.438979	13.76	26.18	0.53	chr6	N/A	12	493	134.40	94.85
XPO5	29.32	55.79	0.53	chr6	6p21.1	32	1181	101.14	69.04
Hs.733273	8.55	16.27	0.53	chr11	N/A	8	377	88.38	225.09
Hs.687894	20.54	39.08	0.53	chr11	N/A	7	73	59.55	61.85
Hs.602369	6.33	12.05	0.53	chr16	N/A	2	22	3.17	78.40
Hs.603270	3.99	7.60	0.53	chr21	N/A	3	66	25.58	87.96
DNAJC27-AS1	7.59	14.45	0.53	chr2	2p23.3	4	370	41.94	64.45
NAT2	16.68	31.74	0.53	chr8	8p22	37	649	61.08	199.31
C6orf201	14.39	27.38	0.53	chr6	6p25.2	24	405	129.15	430.53
Hs.670365	9.42	17.93	0.53	chr20	N/A	1	304	0.00	46.55
MEG9	9.23	17.57	0.53	chr14	N/A	4	306	4.36	77.53
Hs.127094	12.87	24.49	0.53	chr1	N/A	2	22	98.03	74.50
HIST1H4E	15.46	29.43	0.53	chr6	6p22.1	21	454	70.48	48.95
Hs.663117	10.32	19.65	0.53	chr13	N/A	7	73	61.84	140.98
Hs.680357	10.74	20.45	0.53	chr16	N/A	1	304	0.00	56.71
KLB	23.29	44.34	0.53	chr4	4p14	61	1038	131.89	173.88
CST6	33.18	63.15	0.53	chr11	11q13	46	985	185.99	327.54
Hs.682295	159.50	303.64	0.53	chr12	N/A	5	420	95.45	61.74
LTBP2	85.40	162.58	0.53	chr14	14q24	81	1244	145.39	111.72
Hs.602209	5.35	10.19	0.53	chr8	N/A	7	73	74.83	84.21
ZFHX3	34.23	65.17	0.53	chr16	16q22.3	80	2601	124.81	136.93
ERH	397.28	756.43	0.53	chr14	7q34	30	607	102.61	75.82
Hs.650750	6.52	12.42	0.53	chr22	N/A	7	73	53.69	86.58
NFIA	98.60	187.74	0.53	chr1	1p31.3-p31.2	116	2838	181.65	114.51
IFIT2	36.51	69.53	0.53	chr10	10q23.31	55	1067	67.13	77.93
THSD4	57.63	109.75	0.53	chr15	15q23	51	1490	162.45	175.21
Hs.658477	11.30	21.51	0.53	chr19	N/A	8	377	53.11	70.72
RFX5	47.95	91.31	0.53	chr1	1q21	36	974	93.28	71.05
MIR181A2HG	10.16	19.35	0.53	chr9	9q33.3	14	332	61.48	78.65
Hs.594374	10.51	20.02	0.53	chr12	N/A	8	377	48.12	65.63
Hs.538869	7.87	15.00	0.53	chr11	N/A	7	73	48.03	139.98
Hs.731737	40.86	77.83	0.52	chr3	N/A	18	450	78.41	44.50
Hs.663992	38.51	73.35	0.52	chr15	N/A	1	304	0.00	36.74
Hs.595415	56.04	106.75	0.52	chr9	N/A	7	73	64.91	152.79
EGR2	36.16	68.88	0.52	chr10	10q21.1	30	576	94.89	165.05
CCDC36	14.75	28.10	0.52	chr3	3p21.31	37	980	159.38	85.29
Hs.129169	9.36	17.83	0.52	chr17	N/A	11	377	55.48	55.45
C11orf53	15.12	28.81	0.52	chr11	11q23.1	14	377	108.43	72.92
Hs.656599	19.26	36.69	0.52	chr4	N/A	7	73	77.73	95.77
TSPYL4	104.13	198.41	0.52	chr6	6q22.1	30	561	72.35	78.28
Hs.668201	5.61	10.70	0.52	chr1	N/A	7	73	46.67	117.27
UNC119B	42.57	81.11	0.52	chr12	12q24.31	28	894	87.96	96.17
Hs.572601	8.82	16.80	0.52	chr19	N/A	1	304	0.00	68.41
LCAT	15.85	30.21	0.52	chr16	16q22.1	57	1151	94.91	203.15
FAM194A	16.14	30.77	0.52	chr3	3q25.1	26	427	117.19	117.53
Hs.602376	43.63	83.16	0.52	chr13	N/A	2	22	42.66	48.05
Hs.437259	4.36	8.32	0.52	chr3	N/A	4	304	37.46	76.76
NSA2	224.45	427.82	0.52	chr5	5q13.3	40	600	112.56	67.12
CRCP	34.46	65.69	0.52	chr7	7q11.21	61	1065	140.88	58.73
Hs.663709	9.05	17.26	0.52	chr3	N/A	14	146	71.30	82.54
SLC25A6	431.48	822.59	0.52	chrX	Xp22.32 and Y	46	1179	75.48	64.79
PSG3	14.22	27.11	0.52	chr19	19q13.2	43	1408	140.52	96.15
Hs.504185	17.24	32.86	0.52	chr1	N/A	10	28	24.76	91.97
DLEU2	14.87	28.35	0.52	chr13	13q14.3	57	2976	119.30	142.16
DYDC2	10.20	19.45	0.52	chr10	10q23.1	28	509	105.41	219.39
Hs.734389	40.93	78.03	0.52	chr19	N/A	7	73	62.91	132.66
Hs.145733	6.63	12.63	0.52	chr11	N/A	7	73	55.41	74.36
SH3BP4	54.81	104.52	0.52	chr2	2q37.1-q37.2	29	842	95.52	143.11
Hs.667105	11.87	22.64	0.52	chr19	N/A	7	73	51.74	56.74
Hs.602420	19.88	37.91	0.52	chr19	N/A	7	73	39.64	50.50
Hs.622766	2.73	5.20	0.52	chr6	N/A	1	304	0.00	81.40
C2orf27A	35.56	67.83	0.52	chr2	2q21.2	53	703	299.62	129.21
Hs.147102	6.55	12.49	0.52	chr13	N/A	6	66	37.23	81.35
Hs.156256	13.04	24.87	0.52	chr19	N/A	5	608	45.33	95.82
SOX30	11.54	22.02	0.52	chr5	5q33	43	672	93.18	869.11
ERCC4	21.85	41.68	0.52	chr16	16p13.12	42	981	135.25	65.89
Hs.600913	52.84	100.80	0.52	chr6	N/A	7	73	94.15	85.61
Hs.674039	45.13	86.09	0.52	chr19	N/A	1	304	0.00	39.16
Hs.604192	10.96	20.91	0.52	chr1	N/A	1	304	0.00	50.40
CCDC146	43.65	83.28	0.52	chr7	7q11.23	32	594	157.65	106.63
DDX46	49.02	93.52	0.52	chr5	5q31.1	59	1153	123.42	89.60
RGS17	11.29	21.53	0.52	chr6	6q25.3	42	676	161.07	78.68
Hs.734595	8.44	16.10	0.52	chr3	N/A	1	304	0.00	54.60
Hs.635570	5.26	10.04	0.52	chr11	N/A	1	304	0.00	58.48
CANT1	45.16	86.16	0.52	chr17	17q25.3	51	1358	124.96	107.33
MAP3K2	37.93	72.37	0.52	chr2	2q14.3	83	2667	150.46	148.18
FLJ32255	12.42	23.71	0.52	chr5	5p12	24	725	66.10	77.53
SPTLC1	60.00	114.50	0.52	chr9	9q22.2	66	1446	129.22	118.30
LIG1	27.39	52.28	0.52	chr19	19q13.2-q13.3	32	629	64.26	68.26
Hs.128002	28.29	53.98	0.52	chr17	N/A	14	146	55.37	178.84
Hs.594968	21.36	40.77	0.52	chr5	N/A	27	560	50.85	56.91
Hs.601499	9.67	18.45	0.52	chr10	N/A	7	73	73.21	74.65
PDX1	7.33	14.00	0.52	chr13	13q12.1	43	1365	67.45	81.95
Hs.744982	231.47	441.80	0.52	chr20	N/A	7	73	33.07	70.59
LINC00528	8.93	17.04	0.52	chr22	22q11.21	11	332	170.82	84.31
Hs.532236	19.05	36.37	0.52	chr7	N/A	7	73	104.17	94.63
SLC39A10	61.82	118.00	0.52	chr2	2q32.3	33	542	228.26	100.46
Hs.655928	8.56	16.33	0.52	chr3	N/A	8	377	39.57	84.54
SGSM2	83.99	160.34	0.52	chr17	17p13.3	57	1513	171.21	120.09
Hs.601111	5.72	10.92	0.52	chr1	N/A	7	73	63.51	64.03
FGR	41.45	79.15	0.52	chr1	1p36.2-p36.1	56	620	97.03	155.67
LOC100507507	21.57	41.19	0.52	chr7	N/A	7	659	61.43	88.69

Hs.666617	23.71	45.28	0.52	chr11	N/A	7	73	91.96	197.69
EYA3	27.94	53.35	0.52	chr1	1p36	73	1679	136.19	129.86
Hs.668208	8.77	16.75	0.52	chr5	N/A	7	73	59.49	103.75
Hs.555248	4.75	9.08	0.52	chr17	N/A	1	304	0.00	109.10
TMPRSS5	22.93	43.78	0.52	chr11	11q	21	464	65.08	88.61
Hs.667313	36.92	70.51	0.52	chr5	N/A	1	304	0.00	32.13
RAD51D	18.83	35.95	0.52	chr17	17q11	61	1058	77.46	66.42
Hs.551493	8.21	15.67	0.52	chr11	N/A	7	73	75.91	59.78
Hs.668119	20.71	39.57	0.52	chr1	N/A	2	22	1.92	92.89
Hs.577789	19.60	37.45	0.52	chr12	N/A	7	73	57.85	61.58
BLID	7.97	15.23	0.52	chr11	11q24.1	14	332	92.72	58.34
Hs.652524	40.53	77.43	0.52	chr10	N/A	9	681	85.05	86.33
Hs.582438	9.01	17.21	0.52	chrX	N/A	9	112	64.13	93.45
DKFZp566F0947	12.24	23.38	0.52	chr19	19q12	6	356	46.62	67.40
Hs.639477	10.79	20.62	0.52	chr2	N/A	8	377	71.44	71.46
Hs.122133	13.52	25.84	0.52	chr2	N/A	10	73	70.06	47.72
AGA	30.15	57.61	0.52	chr4	4q34.3	45	1468	69.57	69.58
UGT2B4	60.02	114.70	0.52	chr4	4q13	50	674	104.74	489.97
CHKB	97.38	186.12	0.52	chr22	22q13.33	43	638	110.96	78.35
ANO8	18.28	34.94	0.52	chr19	19p13.11	22	745	93.08	92.45
KLK15	9.95	19.01	0.52	chr19	19q13.41	40	1402	124.08	91.37
Hs.551651	5.44	10.41	0.52	chr11	N/A	1	304	0.00	62.61
Hs.380132	16.05	30.69	0.52	chr15	N/A	21	405	73.00	258.42
Hs.511432	4.94	9.45	0.52	chr15	N/A	1	304	0.00	92.03
Hs.146570	4.64	8.86	0.52	chr22	N/A	2	22	41.22	68.02
DNMT3A	23.01	43.98	0.52	chr2	2p23	47	1184	114.54	67.97
Hs.655495	95.37	182.33	0.52	chr5	N/A	2	608	54.25	50.82
PPWD1	28.18	53.87	0.52	chr5	5q12.3	30	560	70.66	60.93
GPR83	14.11	26.97	0.52	chr11	11q21	29	458	93.27	92.49
B4GALNT1	17.73	33.90	0.52	chr12	12q13.3	41	895	79.32	61.76
Hs.713984	52.14	99.68	0.52	chr12	N/A	7	73	79.43	64.91
Hs.733873	12.17	23.27	0.52	chr9	N/A	8	377	96.52	64.15
OR5112	22.42	42.87	0.52	chr11	11p15.4	11	408	128.97	82.04
SERTAD4-AS1	21.76	41.61	0.52	chr1	1q32.2	18	405	66.81	90.22
ZNF580	71.93	137.53	0.52	chr19	19q13.42	24	465	60.66	78.95
Hs.132449	6.48	12.39	0.52	chr10	N/A	2	22	1.69	93.71
OTX1	16.81	32.14	0.52	chr2	2p13	27	365	71.48	79.37
Hs.125480	6.54	12.50	0.52	chr2	N/A	2	22	14.53	70.83
Hs.324359	5.49	10.49	0.52	chr5	N/A	1	304	0.00	87.79
Hs.602993	7.75	14.81	0.52	chr16	N/A	3	66	61.58	66.75
RNF111	41.04	78.48	0.52	chr15	15q21	49	752	113.69	64.87
ASB3	41.10	78.60	0.52	chr2	2p16.2	57	1234	80.78	435.87
Hs.664735	11.99	22.93	0.52	chr1	N/A	7	73	62.71	68.47
Hs.667654	12.91	24.69	0.52	chr6	N/A	2	22	20.96	76.51
Hs.636887	10.00	19.12	0.52	chr2	N/A	10	840	60.98	78.95
AURKC	23.93	45.77	0.52	chr19	19q13.43	36	565	177.79	122.93
ARHGAP26-AS1	4.62	8.84	0.52	chr5	N/A	8	377	29.51	69.39
Hs.434889	11.22	21.46	0.52	chr3	N/A	10	139	96.16	77.82
CEP55	14.76	28.24	0.52	chr10	10q23.33	25	526	94.77	229.25
CSNK1G3	33.76	64.59	0.52	chr5	5q23	60	1320	92.65	87.21
SPRR4	55.56	106.29	0.52	chr1	1q21.3	24	411	171.95	97.70
Hs.131443	7.04	13.47	0.52	chr3	N/A	10	73	61.72	84.09
Hs.245477	10.83	20.73	0.52	chr3	N/A	4	304	34.98	72.50
Hs.745548	44.30	84.75	0.52	chr12	N/A	2	16	54.75	25.80
MORF4	150.93	288.77	0.52	chr4	4q34.1	21	477	100.89	91.68
RPS26	599.65	1,147.33	0.52	chr12	12q13	58	608	114.81	84.02
Hs.274470	9.86	18.87	0.52	chr19	N/A	7	73	67.15	82.81
Hs.632037	5.41	10.35	0.52	chr8	N/A	10	30	122.01	55.34
Hs.712883	8.44	16.15	0.52	chr8	N/A	10	28	19.44	55.98
Hs.591581	6.75	12.91	0.52	chr2	N/A	4	316	20.50	102.40
Hs.444657	14.51	27.76	0.52	chr11	N/A	18	405	67.23	52.18
Hs.662118	20.14	38.54	0.52	chr3	N/A	1	304	0.00	53.63
ZNF114	6.90	13.20	0.52	chr19	19q13.33	23	689	83.49	60.27
Hs.711188	8.35	15.98	0.52	chr7	N/A	2	608	65.60	64.00
PODXL2	10.74	20.56	0.52	chr3	3q21.3	24	462	107.49	98.95
CHRN2	27.92	53.44	0.52	chr1	1q21.3	26	821	84.65	119.57
C20orf166	58.75	112.45	0.52	chr20	20q13.33	19	387	39.60	194.21
CREB3L2	72.36	138.51	0.52	chr7	7q34	73	1689	152.54	142.90
Hs.657626	7.86	15.05	0.52	chr8	N/A	7	73	39.70	63.43
TRIM39	46.19	88.41	0.52	chr6	6p21.3	39	532	110.27	52.14
Hs.578104	9.69	18.55	0.52	chr14	N/A	13	28	60.27	84.34
LOC100505663	5.47	10.48	0.52	chr20	N/A	10	28	148.22	117.15
LOC100132207	6.38	12.21	0.52	chr3	3q21.3	1	304	0.00	48.21
STK39	62.69	120.02	0.52	chr2	2q24.3	65	914	113.15	134.14
Hs.668441	10.46	20.03	0.52	chr11	N/A	1	304	0.00	46.20
SCN10A	25.54	48.90	0.52	chr3	3p22.2	21	456	123.64	104.78
NEK11	20.85	39.91	0.52	chr3	3q22.1	39	1093	112.83	83.21
USP19	45.70	87.51	0.52	chr3	3p21.31	28	876	105.96	71.80
Hs.657102	9.46	18.11	0.52	chr12	N/A	7	73	55.77	61.76
Hs.668520	8.31	15.91	0.52	chr1	N/A	7	73	79.19	62.01
Hs.664320	12.78	24.48	0.52	chrX	N/A	7	73	34.30	80.22
LYRM9	30.19	57.81	0.52	chr17	17q11.2	39	992	104.12	74.51
CCDC181	12.04	23.06	0.52	chr1	1q24	42	1208	58.67	227.06
SLC22A2	13.66	26.17	0.52	chr6	6q25.3	57	785	85.03	212.73
Hs.675123	25.52	48.87	0.52	chr2	N/A	11	332	165.45	45.10
IHH	17.50	33.52	0.52	chr2	2q33-q35	20	875	127.96	126.23
Hs.128581	8.00	15.32	0.52	chr8	N/A	2	22	7.24	56.02
THAP7	40.18	76.97	0.52	chr22	22q11.2	34	521	128.76	66.48
Hs.310540	6.64	12.71	0.52	chr4	N/A	10	139	79.28	109.41
FAM92B	9.44	18.08	0.52	chr16	16q24.1	23	101	128.68	120.79
Hs.146665	6.19	11.86	0.52	chr1	N/A	10	73	31.80	76.72
FUCA1	79.96	153.20	0.52	chr1	1p34	31	881	56.24	117.04
Hs.745075	189.23	362.57	0.52	chr13	N/A	1	304	0.00	51.07

Hs.658887	13.44	25.76	0.52	chr13	N/A	1	304	0.00	92.47
Hs.552449	26.16	50.12	0.52	chr2	N/A	10	73	60.87	78.14
BMP1	18.97	36.35	0.52	chr8	8p21.3	105	2890	109.65	92.31
S100Z	8.89	17.03	0.52	chr5	5q13.3	22	385	81.69	95.30
Hs.660078	11.90	22.81	0.52	chr7	N/A	7	73	65.05	158.03
Hs.371013	6.36	12.19	0.52	chr19	N/A	7	73	44.77	87.54
Hs.661837	11.16	21.39	0.52	chr13	N/A	2	608	65.32	96.96
Hs.591597	7.20	13.80	0.52	chr2	N/A	8	377	57.63	75.11
Hs.599464	9.77	18.73	0.52	chr1	N/A	13	348	44.64	49.86
Hs.600892	11.23	21.52	0.52	chr1	N/A	7	73	55.37	72.22
MICAL3	28.31	54.28	0.52	chr22	22q11.21	57	1656	108.40	152.11
Hs.651967	16.52	31.68	0.52	chr10	N/A	7	73	44.09	60.37
Hs.667661	9.73	18.65	0.52	chr18	N/A	2	22	74.37	52.61
Hs.745140	12.40	23.77	0.52	chr17	N/A	1	304	0.00	40.18
Hs.733859	23.34	44.75	0.52	chr10	N/A	8	377	49.46	87.60
Hs.649593	12.45	23.87	0.52	chr5	N/A	4	304	71.41	76.66
LOC100130458	5.37	10.30	0.52	chr9	9p13.2	8	377	89.10	99.98
R3HDM4	143.83	275.84	0.52	chr19	19p13.3	33	958	161.47	98.84
Hs.733296	14.54	27.88	0.52	chr2	N/A	7	73	52.16	74.50
Hs.547831	13.95	26.75	0.52	chrX	N/A	18	405	62.73	71.45
CEACAM1	35.99	69.04	0.52	chr19	19q13.2	80	2395	102.97	128.42
B3GNT9	35.87	68.81	0.52	chr16	16q22.1	60	683	103.52	98.26
Hs.47508	6.93	13.30	0.52	chr5	N/A	2	22	53.74	93.64
Hs.663504	41.26	79.14	0.52	chr6	N/A	7	73	162.72	91.88
LOC646719	31.83	61.04	0.52	chr5	5p13.2	17	105	171.56	67.23
KLF4	189.38	363.25	0.52	chr9	9q31	61	1089	191.98	162.64
Hs.514564	9.49	18.21	0.52	chr17	N/A	8	377	80.39	66.79
Hs.638418	10.65	20.44	0.52	chr7	N/A	10	28	84.04	61.58
TMC05A	12.07	23.15	0.52	chr15	15q14	26	1013	77.84	338.60
HNRPLL	33.01	63.33	0.52	chr2	2p22.1	48	1185	111.16	117.78
Hs.142253	13.59	26.08	0.52	chr4	N/A	7	73	57.60	65.76
Hs.132067	8.78	16.84	0.52	chr2	N/A	5	22	58.29	113.65
NDNF	41.58	79.78	0.52	chr4	4q27	28	530	76.99	120.77
OTOR	11.78	22.60	0.52	chr20	20p12.1-p11.2	31	526	101.44	68.65
CD40	40.71	78.12	0.52	chr20	20q12-q13.2	82	2162	158.38	122.75
Hs.151184	7.29	13.99	0.52	chr2	N/A	1	304	0.00	94.50
SETD7	75.62	145.13	0.52	chr4	4q28	45	928	161.68	118.53
TEX10	43.17	82.85	0.52	chr9	9q31.1	42	679	58.58	61.14
SUPT20HL2	76.30	146.43	0.52	chrX	Xp22.11	5	52	125.29	51.78
Hs.598266	4.60	8.83	0.52	chr16	N/A	10	28	53.21	109.91
CHST1	24.99	47.97	0.52	chr11	11p11.2	45	1022	78.41	93.37
C2orf50	6.82	13.09	0.52	chr2	2p25.1	19	384	76.28	129.24
CHKA	41.16	79.00	0.52	chr11	11q13.2	64	1110	128.94	124.68
POLK	29.89	57.37	0.52	chr5	5q13	77	1358	109.12	84.29
ZNF551	13.80	26.50	0.52	chr19	19q13.43	43	1490	57.45	78.82
LOC100507362	7.88	15.12	0.52	chr6	6p21.33	14	332	69.60	127.26
Hs.382105	15.17	29.13	0.52	chr17	N/A	1	304	0.00	42.54
Hs.662983	151.29	290.45	0.52	chr15	N/A	7	73	46.46	144.14
Hs.602698	17.01	32.66	0.52	chr5	N/A	7	73	48.77	55.36
Hs.570550	13.67	26.24	0.52	chr3	N/A	4	305	61.89	40.59
JAG2	54.40	104.46	0.52	chr14	14q32	56	1148	98.11	77.77
Hs.663742	4.47	8.58	0.52	chr4	N/A	7	73	106.21	101.15
Hs.713099	32.54	62.48	0.52	chr19	N/A	7	73	55.62	52.20
GPR111	10.27	19.72	0.52	chr6	6p12.3	28	509	106.92	127.00
Hs.553535	8.32	15.97	0.52	chr1	N/A	1	304	0.00	55.87
CHUK	40.08	76.98	0.52	chr10	10q24-q25	35	628	85.59	92.66
NOL8	47.12	90.50	0.52	chr9	9q22.31	67	787	91.19	83.35
LOC100506178	9.28	17.83	0.52	chr7	N/A	2	22	2.84	66.38
Hs.661377	15.13	29.07	0.52	chr15	N/A	11	332	28.43	60.74
TIMELESS	22.36	42.95	0.52	chr12	12q13.3	45	1023	82.18	67.67
CRISPLD2	102.16	196.26	0.52	chr16	16q24.1	66	994	235.69	197.85
KCNH3	33.69	64.73	0.52	chr12	12q13	33	530	250.29	141.19
Hs.553168	16.58	31.86	0.52	chr9	N/A	1	304	0.00	89.14
IQCF6	13.33	25.62	0.52	chr3	3p21.2	10	393	104.07	1,256.17
Hs.256879	12.23	23.51	0.52	chr8	N/A	4	304	138.98	45.04
LOC100169752	6.21	11.93	0.52	chr10	10q	18	405	76.49	244.79
Hs.604548	7.96	15.29	0.52	chr2	N/A	7	73	32.05	75.49
ZNF548	39.08	75.11	0.52	chr19	19q13.43	29	968	163.77	115.25
MS4A5	11.59	22.27	0.52	chr11	11q12	28	526	85.07	215.27
Hs.733407	19.32	37.13	0.52	chr4	N/A	7	73	58.98	63.98
OLA1	86.84	166.94	0.52	chr2	2q31.1	80	1230	226.45	126.36
Hs.662093	17.97	34.55	0.52	chr12	N/A	7	73	37.98	64.01
AUP1	97.43	187.33	0.52	chr2	2p13	31	538	111.58	71.68
Hs.659026	3.84	7.39	0.52	chr17	N/A	1	304	0.00	77.81
OR2M7	11.28	21.69	0.52	chr1	1q44	5	52	126.21	109.50
Hs.596502	35.29	67.87	0.52	chr14	N/A	7	73	79.41	43.39
Hs.664823	47.49	91.35	0.52	chr2	N/A	7	73	146.73	63.86
PNP	67.78	130.40	0.52	chr14	14q13.1	40	605	117.41	117.11
PKMYT1	41.28	79.42	0.52	chr16	16p13.3	50	682	127.30	86.79
Hs.601250	9.27	17.84	0.52	chr3	N/A	7	73	44.98	87.00
Hs.72307	6.95	13.38	0.52	chr6	N/A	11	377	78.20	140.93
PADI6	14.72	28.32	0.52	chr1	1p36.13	5	52	74.12	65.73
Hs.666265	10.18	19.60	0.52	chr18	N/A	14	146	78.72	66.02
ZNF729	8.48	16.31	0.52	chr19	19p12	2	22	3.25	106.87
CLN3	44.01	84.70	0.52	chr16	16p12.1	100	1278	85.81	51.72
C19orf38	20.14	38.76	0.52	chr19	19p13.2	2	16	36.99	32.73
Hs.673026	17.27	33.24	0.52	chr14	N/A	1	304	0.00	48.64
TBC1D22A	39.24	75.53	0.52	chr22	22q13.3	64	1604	141.37	85.31
Hs.655973	14.06	27.06	0.52	chr8	N/A	7	73	158.72	44.88
Hs.664190	9.60	18.48	0.52	chr1	N/A	7	73	50.34	96.26
ZCCHC3	39.80	76.62	0.52	chr20	20p13-p12.2	44	864	114.76	97.23
ALG11	58.89	113.38	0.52	chr13	13q14.2	49	673	140.04	55.51
Hs.127674	8.80	16.95	0.52	chr18	N/A	7	73	74.42	65.38

Hs.594107	7.45	14.34	0.52	chr12	N/A	7	73	55.38	119.74
Hs.301715	6.29	12.11	0.52	chr2	N/A	26	780	62.86	64.27
LINC00102	2.76	5.31	0.52	chrX	Xp22.33 and Y	1	304	0.00	81.80
Hs.436137	8.84	17.01	0.52	chr6	N/A	11	377	48.66	52.83
LOC100507487	16.04	30.89	0.52	chr4	N/A	18	407	56.50	53.51
Hs.733585	3.97	7.65	0.52	chr2	N/A	1	304	0.00	63.45
NRIP2	18.12	34.90	0.52	chr12	12p13.33	31	484	69.17	93.12
Hs.597761	15.59	30.02	0.52	chr19	N/A	7	73	59.88	66.59
Hs.731987	79.44	153.04	0.52	chr19	N/A	17	101	157.08	104.15
Hs.183070	10.39	20.01	0.52	chr2	N/A	2	22	50.16	55.38
CSAG1	18.19	35.05	0.52	chrX	Xq28	19	35	66.61	73.67
KSR2	11.64	22.43	0.52	chr12	12q24.22-q24.	47	750	99.26	164.43
Hs.656300	9.49	18.29	0.52	chr22	N/A	8	377	115.13	60.27
GRAMD1A	31.54	60.77	0.52	chr19	19q13.13	27	773	130.05	57.22
Hs.655063	7.64	14.72	0.52	chr8	N/A	18	410	59.82	66.61
SRSF7	149.85	288.73	0.52	chr2	2p22.1	65	1950	139.43	146.94
ATG4C	20.82	40.11	0.52	chr1	1p31.3	39	497	64.30	64.40
C10orf11	25.76	49.65	0.52	chr10	10q22.3	56	819	116.07	82.90
RILPL2	65.68	126.56	0.52	chr12	12q24.31	26	469	67.30	83.21
Hs.687529	6.38	12.30	0.52	chr7	N/A	2	608	11.78	68.46
Hs.657512	11.67	22.48	0.52	chr1	N/A	8	377	30.50	91.76
Hs.436298	562.74	1,084.52	0.52	chr12	N/A	10	73	98.94	177.54
ENPP1	22.45	43.26	0.52	chr6	6q22-q23	51	1726	88.79	174.09
GLO1	198.11	381.85	0.52	chr6	6p21.3-p21.1	44	656	132.49	98.60
FAM181A-AS1	7.34	14.15	0.52	chr14	14q32.12	8	388	70.29	121.74
COL6A2	125.04	241.03	0.52	chr21	21q22.3	85	1467	144.83	151.74
APOE	181.60	350.09	0.52	chr19	19q13.2	95	2553	122.17	236.27
USP30	33.31	64.23	0.52	chr12	12q24.11	43	874	133.76	75.52
Hs.596169	8.52	16.43	0.52	chr10	N/A	7	73	62.35	63.88
Hs.649363	5.93	11.44	0.52	chr1	N/A	6	66	49.15	88.84
BMI1	83.59	161.17	0.52	chr10	10p11.23	73	879	137.25	83.05
TMEM50A	152.17	293.42	0.52	chr1	1p36.11	55	959	137.52	81.44
AGPS	26.50	51.10	0.52	chr2	2q31.2	68	1765	118.99	73.49
KIF9-AS1	23.45	45.22	0.52	chr3	3p21.31	11	344	42.29	48.16
NALCN	13.23	25.51	0.52	chr13	13q32.3	33	1121	77.49	163.50
ELF4	25.62	49.41	0.52	chrX	Xq26	52	1086	94.98	95.11
Hs.537766	7.47	14.40	0.52	chr1	N/A	10	73	69.21	70.43
Hs.667237	7.84	15.12	0.52	chr17	N/A	3	66	59.52	94.97
Hs.145497	12.02	23.19	0.52	chr1	N/A	7	73	58.44	63.28
Hs.532159	6.34	12.24	0.52	chr1	N/A	7	73	51.81	109.43
Hs.671812	27.62	53.29	0.52	chr10	N/A	5	420	66.35	50.85
Hs.536009	14.85	28.65	0.52	chr1	N/A	8	51	58.68	85.90
Hs.409220	43.64	84.20	0.52	chr21	N/A	10	28	41.30	80.11
NAT1	36.70	70.81	0.52	chr8	8p22	50	716	133.93	163.21
TTY15	14.93	28.81	0.52	chrY	Yq11.1	32	617	85.63	118.93
PRKRIP1	34.91	67.36	0.52	chr7	7q22.1	39	865	70.96	50.33
Hs.128105	7.68	14.82	0.52	chr15	N/A	3	66	29.07	80.49
GLYATL2	14.09	27.20	0.52	chr11	11q12.1	19	388	115.26	94.25
CIDEB	27.82	53.69	0.52	chr14	14q12	36	891	91.12	71.05
ORAI3	50.44	97.34	0.52	chr16	16p11.2	16	40	113.21	72.35
PUS7	31.46	60.70	0.52	chr7	7q22.3	49	744	72.44	61.93
PWRN2	8.72	16.83	0.52	chr15	15q11.2	19	754	94.81	104.50
UBR1	34.99	67.54	0.52	chr15	15q13	70	1192	133.53	104.09
SOX13	39.12	75.51	0.52	chr1	1q32	41	1347	113.78	74.45
OMG	34.45	66.50	0.52	chr17	17q11.2	37	642	232.65	170.30
LOC100507201	4.85	9.36	0.52	chr2	N/A	4	370	31.41	97.61
Hs.662159	38.61	74.55	0.52	chr3	N/A	2	22	100.61	123.10
Hs.128389	5.53	10.69	0.52	chr14	N/A	2	22	12.72	77.95
Hs.606162	5.62	10.84	0.52	chr8	N/A	12	636	56.55	84.88
PPA1	268.81	519.00	0.52	chr10	10q11.1-q24	35	611	86.97	63.24
HPGDS	17.68	34.14	0.52	chr4	4q22.3	30	577	64.07	89.44
Hs.126101	12.43	24.00	0.52	chr8	N/A	21	405	98.19	48.07
CCR4	12.21	23.57	0.52	chr3	3p24	23	492	100.95	82.69
Hs.593858	6.18	11.93	0.52	chr10	N/A	1	304	0.00	67.06
Hs.537531	25.72	49.68	0.52	chr21	N/A	10	73	88.83	59.38
RAB6B	49.36	95.33	0.52	chr3	3q22.1	56	1353	119.31	187.19
CD2AP	31.99	61.79	0.52	chr6	6p12	40	966	144.68	121.09
DCUN1D1	42.13	81.37	0.52	chr3	3q26.3	75	1737	101.46	144.81
NUDCD1	24.99	48.28	0.52	chr8	8q23	124	943	69.43	76.43
Hs.136401	12.99	25.10	0.52	chr17	N/A	10	73	85.43	179.24
JUNB	220.67	426.37	0.52	chr19	19p13.2	49	714	112.95	101.95
Hs.128892	8.36	16.16	0.52	chr6	N/A	5	22	54.61	58.70
PATL2	13.97	26.98	0.52	chr15	15q21.1	8	385	75.57	80.67
Hs.657221	15.96	30.84	0.52	chr5	N/A	7	73	85.84	61.60
Hs.599962	10.71	20.69	0.52	chr7	N/A	7	73	108.04	148.18
Hs.571898	8.32	16.07	0.52	chr1	N/A	7	73	50.42	97.03
Hs.598783	8.62	16.66	0.52	chr22	N/A	7	73	66.36	94.20
KIF15	11.71	22.63	0.52	chr3	3p21.31	28	528	49.24	122.01
PALD1	29.02	56.09	0.52	chr10	10q22.1	19	393	60.22	65.26
LOC100128108	12.48	24.11	0.52	chr15	15q26.3	22	437	73.05	82.20
Hs.600651	10.13	19.57	0.52	chr10	N/A	7	73	70.88	71.45
AFP	24.00	46.38	0.52	chr4	4q13.3	37	649	96.13	984.39
R3HDML	13.91	26.89	0.52	chr20	20q13.12	19	385	77.43	113.93
MTNR1A	6.66	12.87	0.52	chr4	4q35.1	21	453	50.90	64.81
Hs.666197	9.91	19.15	0.52	chr17	N/A	7	73	40.46	116.60
SBF2-AS1	12.11	23.40	0.52	chr11	11p15.4	3	912	87.77	99.16
Hs.745225	29.42	56.88	0.52	chr19	N/A	7	73	54.97	104.02
LOC100506123	29.25	56.55	0.52	chr2	2q11	14	532	112.20	112.70
Hs.172610	6.77	13.10	0.52	chr10	N/A	10	73	65.63	85.24
Hs.596016	8.53	16.50	0.52	chr3	N/A	7	73	30.62	61.59
Hs.607927	6.18	11.95	0.52	chr3	N/A	1	304	0.00	57.18
Hs.716831	9.52	18.41	0.52	chr3	N/A	1	304	0.00	65.21
BRD3	62.51	120.88	0.52	chr9	9q34	85	2176	98.77	95.09

MAGEE2	19.23	37.20	0.52	chrX	Xq13.3	19	388	122.88	212.38
Hs.603052	9.86	19.08	0.52	chr6	N/A	7	73	87.01	87.43
LOC100506142	12.31	23.81	0.52	chr2	2p21	6	652	72.53	85.01
Hs.257556	7.92	15.31	0.52	chr9	N/A	1	304	0.00	46.51
CYB5D2	53.22	102.93	0.52	chr17	17p13.2	46	525	67.21	70.33
YTHDF1	110.97	214.66	0.52	chr20	20q13.33	38	561	63.74	38.57
STAT5A	41.41	80.12	0.52	chr17	17q11.2	40	617	105.64	61.63
ACSL5	47.48	91.85	0.52	chr10	10q25.1-q25.2	48	915	120.25	147.72
Hs.697228	16.29	31.52	0.52	chr11	N/A	8	399	46.83	74.68
TRPA1	10.98	21.24	0.52	chr8	8q13	40	593	99.87	81.99
Hs.603643	7.36	14.24	0.52	chr5	N/A	3	66	35.93	74.78
Hs.608547	21.80	42.19	0.52	chr12	N/A	5	425	29.54	74.55
UTP20	29.26	56.63	0.52	chr12	12q23	33	582	121.38	56.67
Hs.444770	59.08	114.32	0.52	chrX	N/A	5	51	36.99	93.11
VNN2	23.78	46.03	0.52	chr6	6q23-q24	34	555	95.93	344.69
INO80D	42.65	82.55	0.52	chr2	2q33.3	61	1562	90.34	363.38
Hs.633756	10.29	19.91	0.52	chr4	N/A	7	73	70.70	65.96
Hs.246477	2.92	5.66	0.52	chrX	N/A	1	304	0.00	67.84
Hs.732495	12.81	24.79	0.52	chr16	N/A	7	73	85.67	76.01
Hs.491872	7.46	14.44	0.52	chr8	N/A	14	332	48.02	82.28
NHSL2	14.00	27.10	0.52	chrX	Xq13.1	7	304	59.03	48.07
SLC6A20	8.66	16.75	0.52	chr3	3p21.3	62	961	68.03	91.27
DBH	9.02	17.46	0.52	chr9	9q34	23	492	48.36	147.80
HPSE	15.10	29.22	0.52	chr4	4q21.3	42	867	87.49	140.11
Hs.641200	4.20	8.13	0.52	chr15	N/A	10	28	35.30	154.18
Hs.541455	11.14	21.57	0.52	chr2	N/A	3	66	63.22	91.91
GLIS2	55.02	106.50	0.52	chr16	16p13.3	26	457	171.83	76.63
Hs.571574	6.23	12.06	0.52	chr9	N/A	10	73	51.10	95.11
Hs.660453	7.28	14.10	0.52	chrX	N/A	5	51	49.53	85.22
PDE9A	20.59	39.87	0.52	chr21	21q22.3	46	954	106.22	147.44
Hs.658869	13.09	25.34	0.52	chr5	N/A	7	73	41.91	68.41
Hs.626164	14.82	28.69	0.52	chr8	N/A	7	73	118.06	129.65
ANKRD13A	98.30	190.36	0.52	chr12	12q24.11	29	780	147.24	103.49
SMPD2	16.73	32.40	0.52	chr6	6q21	37	1031	88.94	124.89
KRTAP4-9	14.21	27.51	0.52	chr17	17q21.2	11	332	70.31	58.28
Hs.333059	5.12	9.91	0.52	chr8	N/A	2	608	40.96	101.87
H3F3C	502.73	973.62	0.52	chr12	12p11.21	16	28	60.94	67.69
ZRANB2	163.08	315.84	0.52	chr1	1p31	54	947	218.03	84.75
C4orf17	12.79	24.77	0.52	chr4	4q23	24	405	124.54	118.30
Hs.539424	6.69	12.96	0.52	chr12	N/A	7	73	41.89	72.69
TOR1B	45.38	87.90	0.52	chr9	9q34	30	572	76.12	45.50
ERC1	36.69	71.08	0.52	chr12	12p13.3	90	2024	165.97	73.26
SLC23A3	22.66	43.91	0.52	chr2	2q35	52	838	306.53	98.84
ACER1	12.43	24.09	0.52	chr19	19p13.3	19	385	49.28	99.49
Hs.662327	9.73	18.85	0.52	chr16	N/A	14	146	80.81	73.45
COMMD6	192.14	372.28	0.52	chr13	13q22	54	867	132.95	115.92
TBC1D2	16.38	31.75	0.52	chr9	9q22.33	25	564	90.71	91.72
Hs.547548	4.23	8.20	0.52	chr2	N/A	1	304	0.00	57.13
Hs.715967	6.07	11.77	0.52	chr14	N/A	7	73	38.25	83.42
PYHIN1	12.22	23.68	0.52	chr1	1q23.1	41	783	104.49	101.68
Hs.603416	4.90	9.49	0.52	chr7	N/A	7	73	46.70	81.14
Hs.666383	8.15	15.80	0.52	chr6	N/A	2	22	25.55	96.65
SLC25A5-AS1	11.57	22.42	0.52	chrX	N/A	12	636	74.67	63.22
HOXB5	30.67	59.44	0.52	chr17	17q21.3	42	1064	168.07	71.59
ATR	26.97	52.27	0.52	chr3	3q23	52	1374	116.04	113.63
Hs.599221	12.42	24.07	0.52	chr15	N/A	1	304	0.00	58.83
Hs.668029	10.87	21.07	0.52	chr11	N/A	7	73	69.46	67.13
SLC7A1	39.53	76.62	0.52	chr13	13q12.3	76	2458	134.45	139.70
LINC00482	16.30	31.59	0.52	chr17	17q25.3	27	362	55.33	52.91
CAPRN2	50.81	98.50	0.52	chr12	12p11	47	872	72.88	118.86
TRPV1	24.43	47.36	0.52	chr17	17p13.2	43	505	60.50	78.86
DNAJB8	16.55	32.09	0.52	chr3	3q21.3	26	463	134.55	250.27
CEP104	28.59	55.44	0.52	chr1	1p36.32	48	1379	123.45	97.91
Hs.664606	9.46	18.34	0.52	chr8	N/A	7	73	49.97	66.77
Hs.528628	41.16	79.81	0.52	chr9	N/A	18	408	87.40	752.41
C12orf61	7.22	14.01	0.52	chr12	12q14.1	19	388	63.69	77.19
PRR22	15.50	30.07	0.52	chr19	19p13.3	20	700	88.60	133.37
Hs.652661	6.06	11.75	0.52	chr18	N/A	7	73	46.81	97.08
Hs.659788	7.78	15.09	0.52	chr7	N/A	8	377	50.98	59.64
LRRCC1	21.35	41.40	0.52	chr8	8q21.2	42	497	188.47	95.89
UBQLN1	81.73	158.53	0.52	chr9	9q21.2-q21.3	102	1511	113.13	223.96
Hs.634501	9.21	17.87	0.52	chr7	N/A	18	405	145.69	64.85
RAB27B	12.90	25.02	0.52	chr18	18q21.2	60	1194	126.05	198.34
PSMD10	78.20	151.70	0.52	chrX	Xq22.3	39	933	96.49	49.10
AGPAT5	43.40	84.19	0.52	chr8	8p23.1	59	1032	328.78	125.25
CYLC2	13.13	25.46	0.52	chr9	9q31.1	37	661	96.23	250.80
PDZD11	109.65	212.72	0.52	chrX	Xq13.1	33	490	93.15	73.54
LOC100129195	10.30	19.98	0.52	chr6	6p22.1	3	912	53.50	65.47
OCLM	15.73	30.51	0.52	chr1	1q25	21	453	71.83	52.39
Hs.660090	39.31	76.27	0.52	chr10	N/A	7	73	132.44	97.77
ACADL	20.39	39.56	0.52	chr2	2q34	42	1069	102.03	131.26
BHLHA15	9.13	17.71	0.52	chr7	7q21.3	13	28	31.89	35.22
CLCN2	18.12	35.16	0.52	chr3	3q27-q28	33	563	114.13	56.35
PAG1	39.76	77.16	0.52	chr8	8p21.13	65	1312	96.34	118.86
GRPEL2	43.86	85.11	0.52	chr5	5q32	37	831	86.78	520.61
Hs.609892	3.90	7.56	0.52	chr18	N/A	1	304	0.00	80.42
Hs.648443	11.28	21.89	0.52	chr18	N/A	10	73	44.58	58.02
ZNF836	21.37	41.48	0.52	chr19	19q13.41	4	660	58.58	79.31
NEFL	134.16	260.42	0.52	chr8	8p21	66	1627	592.97	393.45
ANO3	10.28	19.96	0.52	chr11	11p14.2	30	567	111.64	111.93
Hs.661830	21.17	41.09	0.52	chr7	N/A	2	608	73.74	75.35
Hs.171397	13.44	26.09	0.52	chr4	N/A	4	304	41.48	55.95
Hs.611630	5.20	10.09	0.52	chr20	N/A	1	304	0.00	81.95

GUCY2C	10.37	20.12	0.52	chr12	12p12	42	689	75.88	617.31
Hs.735516	67.24	130.54	0.52	chr3	N/A	1	304	0.00	45.42
Hs.656522	30.06	58.36	0.52	chr2	N/A	7	73	87.14	69.38
Hs.282871	2.83	5.49	0.52	chr10	N/A	1	304	0.00	70.45
TMEM33	33.57	65.19	0.52	chr4	4p13	82	1922	131.60	75.48
IGFN1	16.07	31.21	0.51	chr1	1q32.1	29	823	80.71	237.39
SNX15	40.84	79.30	0.51	chr11	11q12	43	605	97.75	91.14
MT1G	208.84	405.55	0.51	chr16	16q13	43	1015	116.64	215.01
Hs.706474	299.18	581.10	0.51	chr6	N/A	7	73	131.96	168.47
BCAS3	24.71	47.99	0.51	chr17	17q23	62	735	95.98	62.64
Hs.599002	18.17	35.28	0.51	chr3	N/A	7	73	82.87	75.12
Hs.668050	5.68	11.03	0.51	chr20	N/A	2	22	51.08	79.81
LINC00457	7.30	14.17	0.51	chr13	N/A	10	73	27.09	74.28
Hs.604262	15.56	30.22	0.51	chr2	N/A	7	73	114.64	54.80
LOC100128822	23.65	45.93	0.51	chr7	7q36.1	28	433	88.54	71.82
LOC553103	21.20	41.18	0.51	chr5	N/A	1	304	0.00	44.97
Hs.477528	5.70	11.07	0.51	chr3	N/A	3	66	24.24	100.53
Hs.120128	8.40	16.32	0.51	chr7	N/A	7	73	42.60	125.88
Hs.668669	3.59	6.98	0.51	chr6	N/A	1	304	0.00	92.76
Hs.666173	10.47	20.34	0.51	chr3	N/A	14	146	49.18	84.76
LINC00338	10.74	20.87	0.51	chr17	17q25.2	25	476	43.62	60.98
Hs.667435	4.50	8.74	0.51	chr7	N/A	5	22	36.37	77.09
Hs.734135	9.84	19.12	0.51	chr11	N/A	3	66	53.91	76.31
Hs.671113	15.17	29.48	0.51	chr1	N/A	20	868	127.45	83.71
Hs.116820	7.19	13.97	0.51	chr10	N/A	7	73	74.16	111.48
Hs.659380	16.13	31.34	0.51	chr2	N/A	1	304	0.00	51.49
Hs.42419	28.50	55.38	0.51	chr3	N/A	11	377	84.22	80.37
CHIC2	48.37	94.03	0.51	chr4	4q11	28	537	180.67	90.52
SVIP	40.64	79.00	0.51	chr11	11p14.2	30	1454	107.41	99.20
Hs.673547	6.59	12.82	0.51	chr2	N/A	1	304	0.00	57.85
Hs.650839	9.25	17.98	0.51	chr14	N/A	4	304	53.04	58.63
MEGF10	14.48	28.14	0.51	chr5	5q33	46	1146	111.14	196.65
Hs.676316	5.07	9.85	0.51	chr5	N/A	1	304	0.00	70.46
Hs.601099	5.70	11.08	0.51	chr6	N/A	3	66	25.10	74.76
LCT	20.84	40.52	0.51	chr2	2q21	26	493	203.37	184.54
Hs.665779	17.94	34.88	0.51	chr13	N/A	1	304	0.00	67.87
PABPC1L2B	16.35	31.79	0.51	chrX	Xq13.2	14	332	46.69	64.01
Hs.642796	183.65	357.15	0.51	chr4	N/A	5	420	88.44	52.61
Hs.597692	11.00	21.39	0.51	chrX	N/A	7	73	106.57	159.29
NTSE	25.10	48.82	0.51	chr6	6q14-q21	59	1314	102.29	127.07
CCDC73	6.06	11.78	0.51	chr11	11p13	13	29	88.19	55.97
Hs.656225	30.60	59.52	0.51	chr11	N/A	1	304	0.00	66.60
Hs.729669	11.03	21.45	0.51	chr7	N/A	1	304	0.00	60.64
SELV	12.76	24.82	0.51	chr19	19q13.2	16	30	178.20	131.46
LOC388948	11.92	23.19	0.51	chr2	2p21	11	377	70.51	74.54
ZNF831	9.11	17.72	0.51	chr20	20q13.32	19	749	106.08	176.09
Hs.435992	9.56	18.60	0.51	chr1	N/A	10	28	93.63	44.38
SNORA59A	7.54	14.67	0.51	chr1	1p36.21	7	73	47.98	72.52
Hs.656435	5.67	11.04	0.51	chr8	N/A	8	377	38.25	75.44
Hs.724786	8.49	16.51	0.51	chr12	N/A	7	73	63.31	59.87
ANKHD1	60.10	116.96	0.51	chr5	5q31.3	124	2428	74.93	71.89
Hs.601546	8.88	17.28	0.51	chr11	N/A	7	73	35.59	72.05
CCNB1	16.64	32.38	0.51	chr5	5q12	33	915	63.57	125.94
Hs.596920	6.26	12.19	0.51	chr4	N/A	3	66	79.57	66.97
Hs.709922	57.90	112.70	0.51	chr10	N/A	7	73	54.66	89.14
GJB3	25.43	49.50	0.51	chr1	1p34	53	1446	100.01	143.01
Hs.147550	6.88	13.39	0.51	chr17	N/A	2	22	39.12	85.21
KIR3DX1	14.04	27.32	0.51	chr19	19q13.42	26	869	79.27	55.08
Hs.128308	6.29	12.25	0.51	chr4	N/A	7	73	72.50	110.60
CDYL	22.64	44.07	0.51	chr6	6p25.1	41	1432	88.06	81.62
Hs.734220	13.41	26.10	0.51	chr5	N/A	7	73	95.57	124.78
IGKV1D-8	9.17	17.86	0.51	chr2	2p12	15	436	62.58	95.86
ZNF337	44.79	87.21	0.51	chr20	20p11.1	45	1022	70.00	52.13
Hs.662175	22.83	44.46	0.51	chr6	N/A	1	304	0.00	55.45
PHF15	37.40	72.84	0.51	chr5	5q31.1	68	1370	117.22	97.49
ATP6V0E2-AS1	9.91	19.30	0.51	chr7	7q36.1	13	402	68.20	71.91
TPM3	118.92	231.63	0.51	chr1	1q21.2	122	2061	61.82	221.79
CCDC33	18.19	35.42	0.51	chr15	15q24.1	12	753	97.43	54.14
MGC34034	7.46	14.54	0.51	chr6	6q23.2	15	625	65.32	68.94
SCAF8	59.99	116.85	0.51	chr6	6q25.1-q25.3	47	672	70.18	58.96
ODF2L	13.89	27.06	0.51	chr1	1p22.3	62	1507	99.44	112.84
Hs.600218	16.81	32.75	0.51	chr17	N/A	7	73	64.82	149.35
Hs.602068	3.55	6.91	0.51	chr13	N/A	2	16	30.32	94.96
BARD1	21.84	42.54	0.51	chr2	2q34-q35	37	649	113.47	77.71
EPG5	23.96	46.68	0.51	chr18	18q12.3	79	2519	86.63	63.97
Hs.677564	65.54	127.70	0.51	chr13	N/A	1	304	0.00	35.43
DCDC2	10.96	21.35	0.51	chr6	6p22.1	27	766	90.85	302.30
Hs.677088	13.20	25.71	0.51	chr18	N/A	1	304	0.00	59.93
Hs.665369	15.79	30.77	0.51	chr7	N/A	7	73	62.10	78.66
FLJ38576	16.21	31.59	0.51	chr4	4q35.2	14	398	43.49	1,045.27
COL4A3	13.23	25.79	0.51	chr2	2q36-q37	84	3266	69.04	258.01
Hs.603778	8.51	16.59	0.51	chr9	N/A	13	28	49.69	82.02
Hs.599678	8.22	16.02	0.51	chr2	N/A	7	73	45.37	229.88
C1QTNF4	10.08	19.65	0.51	chr11	11q11	22	462	67.32	265.31
KIAA0513	37.80	73.67	0.51	chr16	16q24.1	41	904	70.58	170.39
Hs.657530	5.18	10.09	0.51	chr11	N/A	3	320	63.28	147.72
Hs.307406	4.17	8.13	0.51	chr14	N/A	5	51	58.14	84.82
Hs.680114	9.60	18.72	0.51	chr2	N/A	11	332	199.65	64.51
Hs.598571	8.06	15.71	0.51	chr7	N/A	7	73	69.31	95.62
SLAMF6	84.39	164.51	0.51	chr1	1q23.2	33	562	263.07	161.49
CDC42BPA	38.59	75.22	0.51	chr1	1q42.11	109	2568	139.52	129.19
Hs.603672	12.28	23.93	0.51	chr10	N/A	9	95	46.23	62.64
TMEM254-AS1	9.80	19.11	0.51	chr10	10q23.1	15	457	146.76	63.82

C14orf166B	13.47	26.26	0.51	chr14	14q24.3	11	608	77.01	125.55
Hs.127908	4.67	9.10	0.51	chr1	N/A	2	22	2.47	128.13
Hs.602787	9.30	18.12	0.51	chr1	N/A	2	22	122.27	54.43
RARRRES3	103.43	201.69	0.51	chr11	11q23	30	577	66.37	115.23
FRMD7	7.36	14.35	0.51	chrX	Xq26.2	18	442	86.15	141.86
CCDC101	44.87	87.49	0.51	chr16	16p11.2	42	975	103.26	239.16
XKR6	11.22	21.88	0.51	chr8	8p23.1	51	1334	99.52	58.88
NLRC4	10.87	21.20	0.51	chr2	2p22-p21	19	950	46.57	98.94
Hs.635215	7.19	14.03	0.51	chr6	N/A	2	22	34.87	72.33
Hs.633236	7.08	13.80	0.51	chr2	N/A	7	73	53.52	96.08
Hs.721028	21.20	41.34	0.51	chr5	N/A	7	73	86.17	47.23
ZNF692	53.54	104.41	0.51	chr1	1q44	28	531	94.86	44.67
Hs.606954	2.91	5.67	0.51	chr16	N/A	1	304	0.00	56.87
Hs.666183	19.88	38.78	0.51	chr3	N/A	14	146	75.36	87.23
Hs.597436	24.59	47.96	0.51	chr19	N/A	7	73	51.70	44.90
NOX5	16.03	31.27	0.51	chr15	15q23	48	1171	77.20	148.97
Hs.668230	6.11	11.91	0.51	chr3	N/A	7	73	56.47	104.90
TMEM138	59.85	116.73	0.51	chr11	11q12.2	38	561	152.60	127.00
ATXN7L3	53.07	103.51	0.51	chr17	17q21.31	23	469	84.74	69.29
PCDH11Y	9.29	18.13	0.51	chrY	Yp11.2	59	997	126.99	80.54
CSPG5	20.36	39.72	0.51	chr3	3p21.3	42	1065	173.29	175.95
CST5	82.34	160.62	0.51	chr20	20p11.21	23	498	123.45	487.10
UNC5B	49.82	97.18	0.51	chr10	10q22.1	48	1410	121.87	86.43
SLC25A38	63.57	124.01	0.51	chr3	3p22.1	28	533	65.64	52.46
STAT4	71.49	139.44	0.51	chr2	2q32.2-q32.3	40	593	188.04	323.57
LAMP1	417.55	814.49	0.51	chr13	13q34	50	1445	111.98	104.04
Hs.519391	8.27	16.14	0.51	chr5	N/A	5	22	43.82	54.54
ARMC12	14.54	28.37	0.51	chr6	6p21.31	19	394	122.36	155.61
Hs.147481	4.32	8.42	0.51	chr10	N/A	4	304	18.10	58.71
PSG9	18.05	35.21	0.51	chr19	19q13.2	43	1362	140.98	97.15
GOLGA6L2	11.46	22.35	0.51	chr15	15q11.2	21	316	71.36	355.11
GRIN3B	8.50	16.59	0.51	chr19	19p13.3	16	384	77.85	62.48
FIZ1	42.85	83.62	0.51	chr19	19q13.42	27	773	108.06	119.86
C10orf129	6.40	12.50	0.51	chr10	10q23.33	9	66	49.90	117.26
Hs.740750	7.35	14.34	0.51	chr10	N/A	9	717	84.20	69.96
ZNF790	21.77	42.49	0.51	chr19	19q13.12	25	152	56.02	64.86
LOC100506834	8.30	16.19	0.51	chr9	N/A	2	608	36.51	90.09
Hs.663902	7.68	14.98	0.51	chr7	N/A	14	146	44.13	113.36
Hs.645697	13.63	26.60	0.51	chr16	N/A	9	89	95.64	50.84
ARHGEF3	65.00	126.86	0.51	chr3	3p14.3	28	535	126.84	59.60
ASAH2	15.92	31.07	0.51	chr10	10q11.21	24	85	75.81	57.35
GPR75	12.28	23.97	0.51	chr2	2p16	5	51	55.73	44.50
PGM2	48.95	95.55	0.51	chr4	4p14	42	1223	74.42	100.02
PRSS57	10.82	21.12	0.51	chr19	19p13.3	13	28	32.68	41.67
C16orf86	29.32	57.25	0.51	chr16	16q22.1	33	494	72.29	82.79
SOGA2	26.66	52.05	0.51	chr18	18p11.22	42	640	92.11	86.84
IGHV7-81	4.90	9.57	0.51	chr14	14q32.33	1	304	0.00	50.72
Hs.602755	8.97	17.51	0.51	chr16	N/A	2	22	55.71	54.64
LHFPL1	8.94	17.46	0.51	chrX	Xq23	26	457	68.49	119.16
PHLDA3	59.26	115.72	0.51	chr1	1q31	28	535	73.39	66.08
ANAPC1	33.55	65.52	0.51	chr2	2q12.1	99	1518	141.94	61.66
ADIPOR2	150.92	294.75	0.51	chr12	12p13.31	33	527	84.38	164.84
DHRS2	26.07	50.92	0.51	chr14	14q11.2	48	1050	107.05	189.41
GGTLC3	24.50	47.85	0.51	chr22	22q11.21	2	16	75.31	92.60
Hs.733745	14.49	28.30	0.51	chr19	N/A	12	493	71.36	86.93
ANTXR1	54.76	106.96	0.51	chr2	2p13.1	79	2302	191.13	200.99
NAA25	37.71	73.66	0.51	chr12	12q24.13	68	1483	127.31	65.62
C6orf118	6.33	12.37	0.51	chr6	6q27	27	735	86.06	126.21
LOC100509205	18.49	36.13	0.51	chr1	N/A	11	332	65.57	47.76
TRAF3IP2-AS1	10.34	20.20	0.51	chr6	6q21	15	702	53.32	88.76
Hs.658105	12.55	24.52	0.51	chr1	N/A	1	304	0.00	54.47
NMD3	66.74	130.38	0.51	chr3	3q26.1	67	1355	105.43	88.88
Hs.666614	10.15	19.83	0.51	chr9	N/A	7	73	57.91	65.02
CLK4	52.46	102.50	0.51	chr5	5q35	51	1612	118.64	128.65
ATXN7L3B	83.77	163.68	0.51	chr12	12q21	29	997	121.26	92.96
Hs.299538	8.57	16.74	0.51	chr7	N/A	1	304	0.00	74.72
Hs.734178	6.97	13.62	0.51	chr1	N/A	3	326	42.61	58.03
ZNF212	39.97	78.11	0.51	chr7	7q36.1	35	628	77.13	70.35
Hs.708272	236.27	461.71	0.51	chr6	N/A	10	393	120.66	56.73
KDM6B	50.96	99.59	0.51	chr17	17p13.1	43	2102	69.22	98.66
IGF2BP2	25.92	50.66	0.51	chr3	3q27.2	71	1202	128.36	121.56
MVK	58.50	114.34	0.51	chr12	12q24	64	1591	162.89	139.56
CCDC9	48.83	95.44	0.51	chr19	19q13.32	23	488	164.64	76.30
VPS39	42.91	83.86	0.51	chr15	15q15.1	40	600	80.82	58.53
LDBAL6A	8.83	17.27	0.51	chr11	11p15.1	17	333	88.67	73.21
HSPB9	10.84	21.19	0.51	chr17	17q21.2	29	419	54.04	150.25
LOC100996437	7.11	13.89	0.51	chr7	N/A	7	73	71.46	75.59
NOXO1	15.54	30.37	0.51	chr16	16p13.3	23	332	49.81	64.92
ARFGAP1	44.41	86.82	0.51	chr20	20q13.33	49	938	88.01	79.01
KCTD10	83.38	163.01	0.51	chr12	12q24.11	37	801	77.67	80.97
Hs.602171	6.39	12.48	0.51	chr16	N/A	3	66	85.90	109.86
Hs.657408	15.74	30.77	0.51	chr16	N/A	7	73	86.19	85.77
AP3M1	48.47	94.77	0.51	chr10	10q22.2	57	930	81.25	76.40
DDX17	370.42	724.33	0.51	chr22	22q13.1	102	2454	227.84	139.59
Hs.410773	9.43	18.45	0.51	chr6	N/A	3	66	63.50	81.58
SCAF1	19.33	37.79	0.51	chr19	19q13.3-q13.4	24	438	67.96	75.88
Hs.557703	27.25	53.30	0.51	chr19	N/A	5	426	77.50	69.96
Hs.662413	7.04	13.76	0.51	chr4	N/A	17	101	85.80	100.58
RBM39	143.48	280.58	0.51	chr20	20q11.22	62	1513	98.53	82.60
ZNF880	14.37	28.11	0.51	chr19	19q13.41	2	608	45.46	81.62
Hs.545818	17.91	35.03	0.51	chr9	N/A	10	28	26.76	56.67
Hs.723269	19.86	38.84	0.51	chr4	N/A	11	420	32.61	94.25
AQP4-AS1	8.72	17.06	0.51	chr18	18q11.2	28	668	53.95	301.56

CUL3	63.89	124.96	0.51	chr2	2q36.2	58	1554	201.13	238.63
KIAA2018	23.08	45.13	0.51	chr3	3q13.2	50	1834	91.74	110.02
Hs.710486	107.34	209.95	0.51	chr10	N/A	7	73	67.28	48.38
SLC25A13	28.09	54.95	0.51	chr7	7q21.3	58	1398	112.22	109.22
Hs.130639	16.76	32.78	0.51	chr8	N/A	10	73	67.45	89.82
P2RY8	34.19	66.89	0.51	chrX	Xp22.33; Yp11	21	437	106.52	128.49
Hs.664434	17.94	35.11	0.51	chrY	N/A	5	420	112.31	81.78
Hs.675486	13.17	25.77	0.51	chr12	N/A	5	608	63.55	75.88
PTEN	54.71	107.06	0.51	chr10	10q23.3	126	3833	141.57	168.21
CDHR4	6.27	12.26	0.51	chr3	3p21.31	13	28	34.83	56.71
AAK1	40.12	78.51	0.51	chr2	2p14	158	3844	166.32	183.80
NCOA5	41.35	80.92	0.51	chr20	20q12-q13.12	51	936	142.24	106.04
CFI	45.42	88.90	0.51	chr4	4q25	49	930	189.02	199.61
Hs.666179	9.75	19.07	0.51	chr16	N/A	10	139	78.96	60.50
PYGM	121.26	237.33	0.51	chr11	11q12-q13.2	40	599	54.33	332.42
Hs.576653	11.94	23.37	0.51	chr10	N/A	5	22	51.31	114.72
PTH2R	7.90	15.46	0.51	chr2	2q33	22	512	59.08	81.48
STRA6	15.36	30.07	0.51	chr15	15q24.1	37	1213	82.36	117.46
Hs.660995	29.59	57.92	0.51	chr7	N/A	1	304	0.00	53.89
Hs.598523	13.43	26.30	0.51	chr5	N/A	7	73	114.65	84.66
BOK	49.47	96.85	0.51	chr2	2q37.3	50	1035	91.97	196.41
OSBPL2	44.18	86.49	0.51	chr20	20q13.3	55	1093	68.06	60.27
BTBD8	7.19	14.08	0.51	chr1	1p22.1	22	384	53.40	229.62
VWCE	15.76	30.85	0.51	chr11	11q12.2	18	385	53.08	117.91
Hs.187018	6.79	13.28	0.51	chr2	N/A	18	405	66.16	77.97
LOC100507547	19.48	38.13	0.51	chr6	N/A	12	681	100.86	75.32
VAX2	11.87	23.25	0.51	chr2	2p13	21	455	55.14	55.74
Hs.661154	9.23	18.07	0.51	chr15	N/A	9	681	66.75	82.61
C2orf76	26.15	51.20	0.51	chr2	2q14.2	21	417	65.26	56.93
TRPM2	22.61	44.27	0.51	chr21	21q22.3	52	713	202.03	86.16
SUSD3	21.64	42.37	0.51	chr9	9q22.31	27	772	58.15	151.60
Hs.675476	7.80	15.28	0.51	chr13	N/A	12	636	40.78	91.43
Hs.659923	3.34	6.54	0.51	chr2	N/A	1	304	0.00	74.57
Hs.597151	13.04	25.53	0.51	chr6	N/A	2	16	42.00	20.10
MBOAT1	55.63	108.95	0.51	chr6	6p22.3	29	457	127.00	90.32
CDK20	26.06	51.04	0.51	chr9	9q22.1	33	577	87.41	69.39
PPAPDC1A	25.85	50.62	0.51	chr10	10q26.12	16	389	132.61	97.86
Hs.597536	13.81	27.05	0.51	chr8	N/A	1	304	0.00	61.79
LOC100288594	22.72	44.50	0.51	chr7	7p22.3	20	871	73.03	67.88
SRCRB4D	29.09	56.97	0.51	chr7	7q11.23	28	514	59.82	70.66
MATR3	115.90	227.02	0.51	chr5	5q31.2	87	3817	148.52	177.41
LOC100506679	14.21	27.82	0.51	chr22	N/A	1	304	0.00	67.71
PIANP	15.31	29.99	0.51	chr12	12p13.31	37	800	67.27	240.82
ZNF527	16.56	32.45	0.51	chr19	19q13.1	15	645	50.85	67.96
CLTA	158.95	311.37	0.51	chr9	9p13	56	2257	77.01	87.04
Hs.659996	6.18	12.11	0.51	chr15	N/A	7	73	33.74	52.52
Hs.666667	10.97	21.49	0.51	chr14	N/A	7	73	108.97	60.73
CTPS2	25.91	50.76	0.51	chrX	Xp22	31	758	98.18	63.27
Hs.633604	7.81	15.31	0.51	chr1	N/A	7	73	29.77	82.27
Hs.658498	9.64	18.89	0.51	chr15	N/A	7	73	115.90	89.03
MKX	7.62	14.94	0.51	chr10	10p12.1	41	1096	56.27	155.56
CLIC3	55.07	107.91	0.51	chr9	9q34.3	28	536	201.33	176.70
Hs.557938	32.68	64.04	0.51	chr11	N/A	29	992	49.49	44.59
CARD8	28.27	55.41	0.51	chr19	19q13.33	74	1755	119.27	135.50
Hs.563678	7.94	15.55	0.51	chrX	N/A	3	66	49.14	96.82
Hs.667469	7.35	14.41	0.51	chr8	N/A	1	304	0.00	63.63
Hs.744930	28.48	55.82	0.51	chr20	N/A	1	304	0.00	39.73
UBAC2	59.79	117.21	0.51	chr13	13q32.3	36	559	72.95	74.70
Hs.662467	21.83	42.80	0.51	chr20	N/A	2	608	68.09	89.31
Hs.659221	28.29	55.46	0.51	chr8	N/A	5	51	63.69	165.92
ZUFSP	16.36	32.07	0.51	chr6	6q22.1	28	519	60.65	64.17
IQCB1	46.62	91.39	0.51	chr3	3q21.1	38	980	91.29	47.66
EREG	14.08	27.61	0.51	chr4	4q13.3	38	881	88.21	140.66
EREG	36.17	70.89	0.51	chr12	12p12.3	51	947	78.65	198.26
C14orf80	15.93	31.23	0.51	chr14	14q32.33	26	457	103.32	86.52
PITPNM2	24.44	47.91	0.51	chr12	12q24.31	31	1024	69.20	91.53
Hs.26479	8.94	17.52	0.51	chr3	N/A	8	377	104.42	65.41
GALNTL5	16.52	32.39	0.51	chr7	7q36.1	29	605	200.43	226.65
Hs.664142	10.40	20.39	0.51	chr10	N/A	7	73	139.96	68.25
MOCOS	19.96	39.13	0.51	chr18	18q12	111	596	42.58	102.32
MEX3B	14.29	28.01	0.51	chr15	15q25.2	30	466	124.34	178.07
YY2	19.17	37.59	0.51	chrX	Xp22.2-p22.1	8	420	64.35	54.12
MDGA1	14.67	28.77	0.51	chr6	6p21	54	1352	71.36	101.77
CD84	19.32	37.88	0.51	chr1	1q24	97	3476	164.17	127.89
Hs.577275	5.74	11.25	0.51	chr11	N/A	4	370	75.04	69.87
Hs.102276	25.63	50.26	0.51	chr2	N/A	8	377	78.52	67.68
KRTAP1-1	10.90	21.38	0.51	chr17	17q12	28	489	86.12	185.84
Hs.146479	7.61	14.93	0.51	chr11	N/A	3	66	39.54	109.80
Hs.664845	14.28	28.01	0.51	chr1	N/A	16	389	101.95	104.33
ARHGEF18	74.42	145.98	0.51	chr19	19p13.3	30	572	103.01	75.79
NECAP2	53.00	103.97	0.51	chr1	1p36.13	29	804	104.41	71.83
Hs.729582	33.55	65.81	0.51	chr13	N/A	1	304	0.00	27.27
Hs.631949	10.22	20.04	0.51	chr5	N/A	2	16	6.06	28.75
Hs.668319	8.22	16.12	0.51	chr13	N/A	7	73	23.25	67.80
TSGA10IP	12.29	24.11	0.51	chr11	11q13.1	21	445	91.35	88.46
Hs.132312	10.08	19.77	0.51	chr5	N/A	7	73	47.93	80.97
Hs.667612	5.88	11.53	0.51	chr9	N/A	2	22	7.48	53.18
LOC286189	6.50	12.76	0.51	chr8	8q13.1	1	316	0.00	119.56
GDNF	16.06	31.51	0.51	chr5	5p13.1-p12	72	989	155.98	140.49
DGKE	11.83	23.21	0.51	chr17	17q22	67	2078	135.42	122.73
Hs.658182	14.94	29.32	0.51	chr14	N/A	7	73	81.57	137.38
Hs.600501	10.69	20.97	0.51	chr17	N/A	7	73	40.09	63.27
Hs.13284	6.72	13.18	0.51	chr2	N/A	8	377	50.76	124.05

Hs.552396	7.58	14.87	0.51	chr15	N/A	10	73	82.03	86.95
HSPB11	43.01	84.40	0.51	chr1	1p32	47	1490	80.68	106.95
Hs.744196	14.93	29.30	0.51	chr11	N/A	7	73	60.41	101.55
RPL7L1	110.01	215.90	0.51	chr6	6p21.1	71	1027	247.40	69.21
EP400NL	15.31	30.06	0.51	chr12	12q24.33	40	1184	127.36	185.44
SLC2A10	32.16	63.11	0.51	chr20	20q13.1	48	627	111.64	98.57
Hs.130443	8.31	16.32	0.51	chr1	N/A	7	73	64.18	72.00
Hs.743773	154.27	302.80	0.51	chr17	N/A	5	420	166.56	66.42
WFDC8	11.75	23.06	0.51	chr20	20q13.12	49	1301	100.82	107.80
ELAVL4	29.23	57.38	0.51	chr1	1p34	70	1452	432.07	258.69
C1orf27	30.77	60.40	0.51	chr1	1q25	56	1077	64.78	91.58
SOX21-AS1	4.70	9.22	0.51	chr13	13q32.1	1	304	0.00	73.54
Hs.613959	8.35	16.40	0.51	chr5	N/A	4	304	38.46	67.08
XKR8	103.49	203.15	0.51	chr1	1p35.3	34	521	135.43	89.44
LPAR3	17.25	33.86	0.51	chr1	1p22.3	20	469	86.17	64.10
Hs.385622	2.63	5.16	0.51	chr3	N/A	1	304	0.00	73.47
Hs.622240	21.43	42.06	0.51	chr1	N/A	1	304	0.00	52.94
Hs.642375	5.70	11.20	0.51	chr16	N/A	10	28	16.64	76.12
Hs.667050	4.97	9.76	0.51	chr6	N/A	1	304	0.00	102.15
ZBTB1	26.09	51.22	0.51	chr14	14q23.3	48	1361	259.16	114.56
CEBPA-AS1	9.03	17.73	0.51	chr19	19q13.11	16	29	113.95	66.01
GEMIN7	31.19	61.24	0.51	chr19	19q13.32	35	1151	137.78	62.74
Hs.659302	10.16	19.95	0.51	chr17	N/A	7	73	61.56	109.75
Hs.662394	5.98	11.74	0.51	chr18	N/A	7	73	77.77	81.55
C11orf34	14.41	28.29	0.51	chr11	11q23.1	8	52	72.80	81.10
ZFP82	17.90	35.16	0.51	chr19	19q13.12	35	746	97.57	54.50
Hs.604902	20.88	41.01	0.51	chr4	N/A	7	73	72.97	78.28
TRBV7-8	9.13	17.93	0.51	chr7	7q34	1	304	0.00	69.27
Hs.148509	7.62	14.97	0.51	chr3	N/A	2	22	16.39	71.94
SPIN3	18.43	36.20	0.51	chrX	Xp11.21	44	1418	104.96	70.26
ABHD17C	42.23	82.95	0.51	chr15	15q25.1	30	129	124.34	80.47
CORO2B	36.24	71.18	0.51	chr15	15q23	26	492	57.09	134.75
Hs.537858	6.11	12.01	0.51	chr1	N/A	2	22	3.93	69.44
Hs.666414	6.98	13.71	0.51	chr19	N/A	3	66	21.52	56.71
Hs.661499	8.68	17.05	0.51	chr11	N/A	1	304	0.00	69.67
Hs.444580	5.59	10.99	0.51	chr14	N/A	8	377	60.78	70.65
OPRD1	9.12	17.92	0.51	chr1	1p36.1-p34.3	23	495	60.13	82.36
ZNF324	30.63	60.18	0.51	chr19	19q13.43	30	583	111.29	96.70
ATP1B1	452.58	889.14	0.51	chr1	1q24	72	1385	130.81	103.31
Hs.638240	23.89	46.93	0.51	chr17	N/A	8	12	12.34	63.14
Hs.602961	5.35	10.51	0.51	chr17	N/A	10	139	48.77	90.07
Hs.136788	20.62	40.51	0.51	chr5	N/A	17	146	78.14	98.58
KRT82	37.94	74.54	0.51	chr12	12q13	19	386	229.27	139.00
POC5	40.28	79.15	0.51	chr5	5q13.3	23	467	152.79	106.61
UTS2B	8.67	17.03	0.51	chr3	3q28	27	405	46.56	353.46
SMPDL3B	18.79	36.93	0.51	chr1	1p35.3	38	865	109.05	119.95
Hs.96693	10.64	20.92	0.51	chr4	N/A	7	73	82.14	137.31
ANP32E	66.76	131.19	0.51	chr1	1q21.2	72	1537	119.02	114.94
Hs.735990	4.62	9.08	0.51	chr3	N/A	1	304	0.00	59.24
Hs.557081	9.41	18.49	0.51	chr11	N/A	11	332	89.37	55.95
Hs.657240	9.99	19.64	0.51	chr3	N/A	1	304	0.00	101.42
TP53RK	26.14	51.39	0.51	chr20	20q13.2	51	935	93.70	62.60
GAS8	32.55	63.98	0.51	chr16	16q24.3	50	630	107.61	79.47
Hs.455888	7.57	14.89	0.51	chr14	N/A	10	29	103.90	88.57
MAP1LC3C	13.25	26.05	0.51	chr1	1q43	21	451	101.50	76.67
Hs.284137	20.30	39.90	0.51	chr9	N/A	7	73	47.44	72.44
Hs.675515	13.23	26.00	0.51	chr16	N/A	1	304	0.00	34.16
IGFL1	25.78	50.69	0.51	chr19	19q13.32	14	377	106.44	263.52
Hs.678222	35.57	69.95	0.51	chr10	N/A	7	73	46.33	54.85
LOC100506342	14.31	28.13	0.51	chr8	N/A	1	304	0.00	34.22
Hs.578516	3.55	6.98	0.51	chr15	N/A	1	304	0.00	62.36
Hs.659460	5.01	9.86	0.51	chr9	N/A	7	73	45.51	91.03
GNB1	227.25	446.86	0.51	chr1	1p36.33	43	1372	134.20	65.82
TRMT11	37.06	72.87	0.51	chr6	6q11.1-q22.33	51	636	124.41	90.89
MAML2	39.03	76.76	0.51	chr11	11q21	52	733	381.96	229.69
C1orf131	31.74	62.42	0.51	chr1	1q42.2	31	446	106.79	55.04
L1CAM	30.20	59.39	0.51	chrX	Xq28	52	1069	159.09	248.57
Hs.625012	6.26	12.32	0.51	chr14	N/A	1	304	0.00	49.21
BCL2L14	13.27	26.09	0.51	chr12	12p13-p12	54	1771	95.14	125.41
C9orf131	17.51	34.45	0.51	chr9	9p13.3	35	381	196.02	120.94
Hs.686668	48.59	95.56	0.51	chr6	N/A	1	304	0.00	41.51
Hs.98121	5.86	11.52	0.51	chr20	N/A	10	73	69.92	102.31
PVRIG	28.63	56.31	0.51	chr7	7q22.1	28	528	119.68	163.35
CCDC74B-AS1	15.10	29.70	0.51	chr2	2q21.2	1	309	0.00	40.19
CACNA2D4	11.71	23.04	0.51	chr12	12p13.33	35	817	95.69	64.66
Hs.666315	13.40	26.36	0.51	chr6	N/A	7	73	110.30	78.40
XPNPEP2	19.51	38.37	0.51	chrX	Xq25	45	1016	73.40	189.95
Hs.733286	4.77	9.38	0.51	chr14	N/A	2	22	46.59	82.18
PJA1	77.21	151.92	0.51	chrX	Xq13.1	34	538	62.08	52.78
Hs.540298	8.85	17.42	0.51	chr15	N/A	5	22	45.91	64.19
Hs.132438	8.80	17.33	0.51	chr1	N/A	2	22	69.11	56.91
GAB4	15.10	29.73	0.51	chr22	22q11.1	6	362	64.79	72.84
TMEM63B	44.39	87.38	0.51	chr6	6p21.1	30	553	94.33	79.83
PIWIL3	10.60	20.86	0.51	chr22	22q11.23	18	80	42.46	78.60
Hs.550637	5.08	9.99	0.51	chr13	N/A	3	66	24.14	72.51
Hs.667147	8.76	17.23	0.51	chr2	N/A	7	73	85.06	232.05
WDR45B	133.69	263.19	0.51	chr17	17q25.3	38	697	64.16	62.60
Hs.661351	10.40	20.47	0.51	chr7	N/A	7	73	74.01	81.69
KRT75	14.75	29.03	0.51	chr12	12q13	30	572	124.27	91.30
LOC100507274	64.50	126.99	0.51	chr3	N/A	12	681	242.22	167.76
ARHGAP25	33.60	66.15	0.51	chr2	2p13.3	52	1324	89.01	123.68
Hs.658309	3.85	7.58	0.51	chr16	N/A	1	304	0.00	70.49
SH2D4B	8.94	17.60	0.51	chr10	10q23.1	30	360	41.61	54.02

IFNLR1	22.12	43.54	0.51	chr1	1p36.11	40	799	92.28	78.86
PSG7	16.96	33.40	0.51	chr19	19q13.2	26	492	145.66	111.42
Hs.129374	8.05	15.85	0.51	chr1	N/A	3	66	77.26	128.61
Hs.27996	15.13	29.80	0.51	chr4	N/A	15	450	98.81	81.34
Hs.666773	14.86	29.26	0.51	chr17	N/A	14	146	154.56	74.72
Hs.599915	7.72	15.21	0.51	chr19	N/A	7	73	45.40	80.04
LOC339505	15.67	30.87	0.51	chr1	1p36.12	1	313	0.00	43.06
Hs.721015	7.99	15.74	0.51	chr4	N/A	7	73	46.80	136.06
ABCA12	15.07	29.68	0.51	chr2	2q34	43	820	138.97	177.74
Hs.741509	11.08	21.83	0.51	chr1	N/A	8	377	76.62	53.60
NAGA	42.31	83.36	0.51	chr22	22q11	47	1317	109.35	68.53
Hs.732398	19.98	39.36	0.51	chr11	N/A	1	304	0.00	42.23
RBMY1E	7.71	15.19	0.51	chrY	Yq11.223	44	100	72.17	172.64
TREML2	13.83	27.25	0.51	chr6	6p21.1	38	550	73.70	147.18
WWC2-AS2	13.11	25.84	0.51	chr4	4q35.1	28	511	91.56	54.43
Hs.599853	195.30	384.81	0.51	chrX	N/A	7	73	67.63	133.71
OR2B3	11.09	21.86	0.51	chr6	6p22.1	12	356	81.02	90.88
NEUROD6	11.37	22.40	0.51	chr7	7p14.3	21	457	99.59	123.25
Hs.666890	195.09	384.44	0.51	chr3	N/A	14	146	100.89	164.85
AOAH	14.68	28.93	0.51	chr7	7p14-p12	44	719	88.53	82.53
KRT85	28.70	56.56	0.51	chr12	12q13	35	624	89.83	218.83
ZNF706	159.19	313.72	0.51	chr8	8q22.3	48	651	82.55	64.37
TSSK6	10.99	21.65	0.51	chr19	19p13.11	33	1155	83.01	220.79
PTPN13	42.37	83.51	0.51	chr4	4q21.3	55	1117	208.44	181.40
GOLGA5	58.26	114.83	0.51	chr14	14q32.12	21	465	46.34	50.44
Hs.583127	6.63	13.07	0.51	chr7	N/A	10	73	57.31	75.94
SCN3B	21.79	42.96	0.51	chr11	11q23.3	63	1083	224.99	189.84
OR51M1	13.26	26.14	0.51	chr11	11p15.4	4	304	51.89	43.14
Hs.644687	10.43	20.57	0.51	chr17	N/A	11	377	70.90	63.20
TAOK1	69.81	137.64	0.51	chr17	17q11.2	90	2373	162.20	98.88
CEP78	23.43	46.19	0.51	chr9	9q21.2	21	765	99.43	83.82
Hs.710696	7.11	14.02	0.51	chr2	N/A	7	73	49.22	58.45
Hs.657487	7.33	14.46	0.51	chr4	N/A	8	377	73.52	95.73
Hs.661217	9.77	19.26	0.51	chr5	N/A	3	66	36.61	83.30
PCDHB6	10.91	21.52	0.51	chr5	5q31	31	531	92.90	84.02
Hs.666098	6.33	12.48	0.51	chr1	N/A	7	73	37.00	208.60
Hs.633825	8.97	17.68	0.51	chrY	N/A	7	73	47.76	77.32
DUSP18	29.24	57.68	0.51	chr22	22q12.2	44	871	207.97	127.13
KIAA1467	23.23	45.82	0.51	chr12	12p13.1	33	1284	109.84	100.65
Hs.733287	25.51	50.32	0.51	chr8	N/A	7	73	53.43	67.78
YY1	101.20	199.63	0.51	chr14	14q	78	2714	102.27	98.22
GUCA1B	18.61	36.71	0.51	chr6	6p21.1	44	1284	98.56	190.10
Hs.539586	8.68	17.13	0.51	chr13	N/A	10	73	63.99	92.40
Hs.723713	8.54	16.86	0.51	chr19	N/A	2	16	21.53	41.00
LTA4H	155.28	306.33	0.51	chr12	12q22	30	577	73.94	89.24
Hs.633520	32.84	64.79	0.51	chr4	N/A	7	73	78.86	68.89
TLR8	10.25	20.22	0.51	chrX	Xp22	35	837	115.68	117.17
Hs.673959	15.04	29.67	0.51	chr14	N/A	2	608	54.85	49.54
LOC100507616	4.30	8.48	0.51	chr12	N/A	2	608	37.05	124.77
FAM71F2	13.50	26.64	0.51	chr7	7q32.1	6	328	88.70	149.60
Hs.676621	3.80	7.50	0.51	chr12	N/A	1	304	0.00	67.54
ZNF558	39.13	77.21	0.51	chr19	19p13.2	33	534	96.52	61.13
Hs.667824	3.91	7.72	0.51	chr16	N/A	1	304	0.00	57.91
PKD1L3	26.90	53.09	0.51	chr16	16q22.2	18	81	153.58	122.52
Hs.569248	5.07	10.01	0.51	chr13	N/A	7	73	61.99	61.96
KLF6	173.87	343.14	0.51	chr10	10p15	100	2267	157.34	124.52
Hs.660238	10.87	21.45	0.51	chr10	N/A	7	73	79.37	64.80
Hs.667422	6.55	12.93	0.51	chr8	N/A	7	73	47.41	99.36
RIN3	18.70	36.91	0.51	chr14	14q32.12	81	2674	119.15	177.40
TYRO3	30.28	59.76	0.51	chr15	15q15	37	1053	71.89	118.31
FAIM2	34.09	67.29	0.51	chr12	12q13	71	1287	93.77	164.19
SLC51A	14.53	28.69	0.51	chr3	3q29	35	489	156.71	141.79
Hs.90221	12.98	25.63	0.51	chr21	N/A	23	1013	121.12	84.15
Hs.436189	84.03	165.88	0.51	chr20	N/A	13	28	69.35	88.06
Hs.714430	178.66	352.68	0.51	chr1	N/A	7	73	128.84	65.06
Hs.577375	7.20	14.20	0.51	chr12	N/A	7	73	50.25	108.40
UBL7	40.66	80.28	0.51	chr15	15q24.1	29	468	89.81	54.33
TRIM61	22.28	43.99	0.51	chr4	4q32.3	4	304	53.30	48.63
FAM208A	53.38	105.39	0.51	chr3	3p14.3	67	1531	158.26	107.67
RPL19	1,030.08	2,033.85	0.51	chr17	17q12	46	615	114.65	60.50
Hs.634512	39.53	78.06	0.51	chr16	N/A	7	73	126.93	156.31
Hs.255157	29.92	59.07	0.51	chr16	N/A	1	304	0.00	40.51
DUT	183.10	361.55	0.51	chr15	15q21.1	59	1523	97.79	101.38
Hs.131295	7.66	15.13	0.51	chr1	N/A	2	22	51.95	70.45
TCEA1	80.94	159.85	0.51	chr8	8q11.2	65	1364	127.41	110.91
Hs.733121	15.30	30.21	0.51	chr2	N/A	8	377	57.08	79.50
CNTFR	21.55	42.55	0.51	chr9	9p13	43	641	110.11	58.12
STAG3	25.20	49.76	0.51	chr7	7q22.1	30	588	66.30	223.67
FAIM3	58.16	114.87	0.51	chr1	1q32.1	44	1100	178.81	261.14
KCNN3	12.11	23.92	0.51	chr1	1q21.3	60	1701	81.29	116.60
NTRK3-AS1	8.71	17.20	0.51	chr15	15q25.3	6	326	76.69	106.41
Hs.301281	28.51	56.30	0.51	chr1	N/A	12	510	233.28	252.93
ZNF615	30.72	60.68	0.51	chr19	19q13.41	29	412	87.30	66.47
GCC2	71.63	141.50	0.51	chr2	2q12.3	98	1252	192.37	216.91
Hs.638484	4.61	9.11	0.51	chr16	N/A	1	304	0.00	56.40
Hs.663904	7.08	13.98	0.51	chrX	N/A	14	146	47.02	106.79
Hs.666919	27.98	55.28	0.51	chr19	N/A	6	724	92.79	79.13
LOC100996537	12.86	25.42	0.51	chr2	N/A	8	377	53.38	59.72
Hs.736237	8.56	16.92	0.51	chr2	N/A	5	420	33.05	60.09
AMPD3	35.30	69.76	0.51	chr11	11p15	62	1117	173.25	122.94
Hs.665415	9.08	17.94	0.51	chr9	N/A	1	304	0.00	72.27
PBX1	76.53	151.24	0.51	chr1	1q23	104	1947	182.15	130.25
Hs.537396	6.67	13.19	0.51	chr4	N/A	7	73	50.06	98.83

FARP1	52.53	103.82	0.51	chr13	13q32.2	75	1261	116.48	121.17
DLEU2L	12.30	24.32	0.51	chr1	1p31-p22	14	434	60.21	103.89
ZNF559	32.12	63.50	0.51	chr19	19p13.2	33	534	87.72	65.04
Hs.225968	4.04	7.98	0.51	chr3	N/A	1	304	0.00	69.60
PDE8B	41.89	82.81	0.51	chr5	5q13.3	51	1378	74.86	216.92
OLFML1	33.61	66.44	0.51	chr11	11p15.4	28	605	75.49	91.68
Hs.596848	65.24	128.97	0.51	chr16	N/A	7	73	74.63	69.55
Hs.668681	8.40	16.60	0.51	chrX	N/A	1	304	0.00	48.14
Hs.732015	9.34	18.47	0.51	chr9	N/A	7	73	114.75	75.70
FAM72B	21.80	43.11	0.51	chr1	1p11.2	21	219	131.14	160.24
C11orf58	125.95	249.05	0.51	chr11	11p15.1	50	1638	104.72	71.57
Hs.596801	20.14	39.82	0.51	chr3	N/A	7	73	95.08	119.62
Hs.734099	16.46	32.55	0.51	chr1	N/A	7	73	63.81	139.52
Hs.614759	5.47	10.83	0.51	chr19	N/A	7	73	53.67	68.17
Hs.655674	11.88	23.49	0.51	chr4	N/A	17	487	97.87	79.80
CACHD1	31.94	63.17	0.51	chr1	1p31.3	30	773	96.28	93.74
LRWD1	77.09	152.47	0.51	chr7	7q22.1	17	344	63.43	333.80
LOC729970	13.63	26.96	0.51	chr1	1p21.3	13	952	78.59	84.09
MUC8	17.48	34.58	0.51	chr12	12q24.33	21	907	51.23	139.83
Hs.668449	9.15	18.11	0.51	chr15	N/A	7	73	85.56	74.14
Hs.656329	7.82	15.48	0.51	chr8	N/A	10	28	26.11	41.22
DFFB	11.80	23.35	0.51	chr1	1p36.3	46	559	96.88	74.32
CCDC109B	48.02	95.00	0.51	chr4	4q25	28	538	120.66	86.03
Hs.633769	58.59	115.91	0.51	chr13	N/A	1	304	0.00	64.74
CLEC2L	20.11	39.80	0.51	chr7	7q34	20	415	189.13	111.60
VMAC	18.34	36.30	0.51	chr19	19p13.3	15	80	74.91	79.96
Hs.510028	10.10	19.98	0.51	chr1	N/A	15	450	65.98	143.04
TENC1	72.22	142.91	0.51	chr12	12q13.13	40	688	90.18	89.22
SULT1C2	14.28	28.26	0.51	chr2	2q12.3	50	1489	103.45	196.37
RBM4B	39.15	77.49	0.51	chr11	11q13	25	538	73.82	53.17
Hs.575644	11.00	21.77	0.51	chr9	N/A	8	377	84.06	64.38
NOD2	12.04	23.84	0.51	chr16	16q21	18	459	79.71	120.90
Hs.131628	7.38	14.62	0.51	chr2	N/A	10	73	37.60	90.12
Hs.721287	7.54	14.93	0.51	chr4	N/A	6	978	62.89	93.84
RASGEF1A	16.89	33.44	0.51	chr10	10q11.21	41	871	138.44	134.92
Hs.666132	10.06	19.93	0.50	chr3	N/A	3	66	45.07	65.50
Hs.132527	4.78	9.47	0.50	chr2	N/A	7	73	46.78	94.92
ANGPTL1	29.52	58.46	0.50	chr1	1q25.2	52	1194	92.33	129.71
CCDC71	23.89	47.32	0.50	chr3	3p21.31	35	561	142.28	80.06
Hs.601153	19.04	37.72	0.50	chr1	N/A	7	73	28.27	83.71
Hs.664160	9.56	18.94	0.50	chr4	N/A	7	73	87.15	74.31
POMT2	28.85	57.15	0.50	chr14	14q24	36	915	88.23	72.86
BSND	9.98	19.76	0.50	chr1	1p32.1	25	709	100.33	71.74
Hs.661733	15.96	31.61	0.50	chr3	N/A	1	304	0.00	64.70
THUMP1	67.55	133.82	0.50	chr16	16p12.3	67	1160	159.62	83.61
Hs.670574	10.02	19.86	0.50	chr13	N/A	7	73	60.50	97.44
SYNJ2	23.68	46.91	0.50	chr6	6q25.3	78	2989	117.20	170.09
Hs.274848	7.51	14.89	0.50	chr4	N/A	18	450	93.11	592.24
Hs.656177	41.41	82.04	0.50	chr2	N/A	4	304	63.98	30.68
SLFN13	11.39	22.58	0.50	chr17	17q12	34	743	106.29	164.98
HEATR5A	36.69	72.69	0.50	chr14	14q12	25	532	112.14	68.42
LOC100653515	6.81	13.50	0.50	chr17	17q25	10	30	112.16	181.82
CLP1	36.81	72.95	0.50	chr11	11q12	41	904	81.50	65.08
Hs.660300	10.18	20.16	0.50	chr3	N/A	1	304	0.00	61.89
Hs.699340	75.14	148.90	0.50	chr18	N/A	8	12	17.69	33.04
ZBTB9	41.69	82.62	0.50	chr6	6p21.32	28	521	168.07	118.92
PAXBP1	37.50	74.32	0.50	chr21	21q21.3	94	1597	240.67	84.37
ARHGAP39	16.71	33.11	0.50	chr8	8q24.3	33	519	154.83	67.92
C12orf29	35.53	70.41	0.50	chr12	12q21.32	48	977	94.15	82.00
Hs.348697	7.59	15.03	0.50	chr2	N/A	4	304	81.02	56.34
Hs.434969	14.12	27.98	0.50	chr14	N/A	8	377	57.17	59.76
DEFB121	5.29	10.49	0.50	chr20	20q11.1	4	304	22.56	79.60
Hs.116817	9.42	18.67	0.50	chr19	N/A	7	73	22.77	81.50
Hs.147293	5.42	10.73	0.50	chr9	N/A	8	377	41.73	66.65
C4orf29	26.48	52.48	0.50	chr4	4q28.2	49	1133	105.49	71.86
Hs.708386	56.30	111.60	0.50	chr9	N/A	10	73	36.52	40.17
ABCA10	15.07	29.87	0.50	chr17	17q24	28	358	71.89	118.33
LINC00535	11.05	21.90	0.50	chr8	8q22.1	8	377	72.03	58.79
Hs.593577	19.54	38.74	0.50	chr3	N/A	7	73	86.38	60.53
RETSAT	82.79	164.12	0.50	chr2	2p11.2	31	545	77.53	96.41
RPL13A	1,955.81	3,877.27	0.50	chr19	19q13.3	78	2302	91.88	55.34
LINC00893	2.95	5.86	0.50	chrX	Xq28	8	12	39.70	79.90
Hs.735594	10.49	20.80	0.50	chr2	N/A	1	316	0.00	88.14
Hs.657142	8.25	16.35	0.50	chr5	N/A	7	73	43.49	76.41
SGK494	21.27	42.18	0.50	chr17	17q11.2	20	654	82.75	69.79
CCL3	42.89	85.05	0.50	chr17	17q12	30	573	107.24	168.26
NEO1	41.76	82.83	0.50	chr15	15q22.3-q23	39	1258	91.39	86.40
Hs.553145	10.46	20.74	0.50	chr7	N/A	2	22	57.48	77.95
Hs.13281	17.50	34.71	0.50	chr3	N/A	11	332	46.23	80.60
UNC5A	13.56	26.90	0.50	chr5	5q35.2	31	842	101.62	90.83
CENPF	11.74	23.28	0.50	chr1	1q41	57	1518	107.60	164.45
LRCH4	51.97	103.10	0.50	chr7	7q22	43	2222	124.69	109.85
NCF4	33.63	66.73	0.50	chr22	22q13.1	52	1144	91.63	199.90
Hs.663763	34.47	68.38	0.50	chr7	N/A	1	304	0.00	52.26
TUBA1A	695.96	1,380.81	0.50	chr12	12q13.12	31	538	138.99	138.22
CLEC1B	16.61	32.96	0.50	chr12	12p13.2	35	604	127.85	172.68
Hs.576092	6.53	12.96	0.50	chr1	N/A	7	73	55.46	95.98
Hs.710312	36.44	72.30	0.50	chr18	N/A	2	22	129.87	44.90
NCKAP1L	38.87	77.12	0.50	chr12	12q13.1	36	650	120.11	151.21
Hs.667315	6.81	13.52	0.50	chr6	N/A	3	66	44.15	63.98
Hs.602586	8.49	16.85	0.50	chr12	N/A	7	73	58.84	128.10
GYTL1B	32.34	64.17	0.50	chr11	11p11.2	26	465	82.16	77.78
Hs.601502	10.16	20.17	0.50	chr1	N/A	7	73	45.22	67.13

Hs.655930	30.67	60.85	0.50	chr10	N/A	32	662	127.76	98.12
Hs.595077	3.21	6.38	0.50	chr2	N/A	10	28	81.14	91.08
TRIM36	11.65	23.11	0.50	chr5	5q22.3	65	1643	122.49	199.92
Hs.675607	31.33	62.19	0.50	chr1	N/A	5	420	60.51	43.46
Hs.406184	152.43	302.54	0.50	chr12	N/A	7	73	68.34	101.57
Hs.572799	16.57	32.88	0.50	chr2	N/A	7	73	82.76	96.63
IL20RA	12.42	24.66	0.50	chr6	6q23.3	23	1063	81.16	97.56
Hs.709600	19.68	39.07	0.50	chr2	N/A	8	377	89.08	66.72
CC2D2A	14.53	28.84	0.50	chr4	4p15.32	43	1418	73.70	99.75
Hs.129167	5.44	10.79	0.50	chr3	N/A	11	377	47.98	80.44
LOC400794	7.65	15.18	0.50	chr1	1q23.3-q24.1	23	972	63.30	67.16
NDFIP1	148.63	295.05	0.50	chr5	5q31.3	74	1376	107.53	89.32
HSPA12A	40.73	80.87	0.50	chr10	10q26.12	46	939	192.34	231.91
Hs.601925	7.05	13.99	0.50	chr5	N/A	14	146	55.30	98.69
TMEM184C	36.38	72.24	0.50	chr4	4q31.23	38	627	76.24	111.38
Hs.663577	10.82	21.49	0.50	chr4	N/A	7	73	61.39	99.53
Hs.661541	19.49	38.71	0.50	chr19	N/A	1	304	0.00	46.13
Hs.634864	22.40	44.47	0.50	chr1	N/A	11	377	93.29	46.54
MTMR12	52.36	103.96	0.50	chr5	5p13.3	46	926	117.98	89.23
Hs.128846	6.38	12.68	0.50	chr20	N/A	7	73	56.40	50.80
Hs.643039	8.32	16.53	0.50	chr20	N/A	7	73	49.30	87.65
FGFBP3	16.69	33.14	0.50	chr10	10q23.32	29	413	61.59	133.53
TPBGL	19.98	39.68	0.50	chr11	11q13.4	1	313	0.00	95.46
Hs.709778	29.54	58.66	0.50	chr22	N/A	1	304	0.00	33.73
IRF1	55.43	110.09	0.50	chr5	5q31.1	38	949	94.98	97.91
LRFN5	14.84	29.47	0.50	chr14	14q21.1	27	772	148.67	118.83
Hs.719431	39.38	78.22	0.50	chr10	N/A	7	73	97.34	73.83
Hs.478363	5.46	10.84	0.50	chr3	N/A	11	332	69.80	73.89
MRO	30.31	60.21	0.50	chr18	18q21	31	1064	208.29	250.19
NPAS4	6.80	13.50	0.50	chr11	11q13	15	641	70.64	124.57
Hs.700885	10.03	19.92	0.50	chr4	N/A	7	73	93.44	100.55
Hs.630929	23.93	47.55	0.50	chr8	N/A	10	28	26.15	32.80
Hs.667461	12.56	24.95	0.50	chr11	N/A	8	377	81.71	50.13
Hs.703520	215.76	428.67	0.50	chr5	N/A	12	493	82.02	54.35
HSPA5	254.61	505.85	0.50	chr9	9q33.3	36	841	119.92	106.88
PRRX2	26.89	53.43	0.50	chr9	9q34.1	28	535	77.41	135.30
IKZF4	24.57	48.83	0.50	chr12	12q13	48	1540	111.24	64.27
Hs.603935	5.86	11.64	0.50	chr9	N/A	7	73	45.48	83.96
CCDC83	5.02	9.98	0.50	chr11	11q14.1-q14.2	24	436	66.88	245.77
Hs.596739	18.19	36.15	0.50	chr2	N/A	7	73	42.45	57.63
LAMB3	31.40	62.40	0.50	chr1	1q32	34	545	132.40	105.86
BLOC1S3	22.09	43.92	0.50	chr19	19q13.32	14	733	90.96	62.48
FRMD4B	23.38	46.47	0.50	chr3	3p14.1	64	1630	242.64	154.59
CNOT3	16.92	33.64	0.50	chr19	19q13.4	43	1372	81.01	79.05
OR2S2	17.18	34.15	0.50	chr9	9p13.3	21	453	157.64	83.34
Hs.733944	12.49	24.83	0.50	chr6	N/A	7	73	52.21	62.00
Hs.652640	8.45	16.80	0.50	chr2	N/A	17	146	46.46	106.85
IQCD	13.22	26.29	0.50	chr12	12q24.13	21	436	94.81	149.25
PCDHB1	11.78	23.42	0.50	chr5	5q31	21	465	71.58	50.23
Hs.603160	12.99	25.84	0.50	chr8	N/A	7	73	61.49	138.54
VPS53	16.87	33.55	0.50	chr17	17p13.3	81	2687	141.76	67.39
SRPK2	44.15	87.79	0.50	chr7	7q22-q31.1	89	2513	259.84	151.96
Hs.443381	7.33	14.57	0.50	chr10	N/A	1	304	0.00	57.49
Hs.654777	27.63	54.95	0.50	chr12	N/A	10	28	26.82	62.32
TEX14	14.15	28.15	0.50	chr17	17q22	42	617	137.63	239.56
BRCA1	15.57	30.96	0.50	chr17	17q21	152	1296	50.80	82.96
LOC100652930	26.82	53.34	0.50	chr20	N/A	13	28	88.20	139.75
Hs.167167	15.72	31.27	0.50	chr22	N/A	11	332	44.66	67.06
Hs.701179	3.55	7.07	0.50	chr7	N/A	1	304	0.00	65.47
Hs.663956	211.82	421.35	0.50	chr3	N/A	1	304	0.00	44.34
Hs.661323	7.87	15.66	0.50	chr5	N/A	7	73	66.11	121.13
LOC645321	10.97	21.83	0.50	chr18	18q23	2	608	49.23	112.98
CPPED1	22.94	45.65	0.50	chr16	16p13.12	33	1096	57.04	74.01
Hs.666405	15.25	30.35	0.50	chr11	N/A	2	22	5.05	65.39
TMEM252	12.79	25.44	0.50	chr9	9q21.11	14	332	75.53	45.26
LARP1	144.31	287.16	0.50	chr5	5q33.2	68	1862	108.20	89.86
Hs.44877	14.41	28.67	0.50	chr15	N/A	7	73	59.24	61.80
ZNF175	16.13	32.10	0.50	chr19	19q13.4	39	882	78.59	90.18
Hs.658829	3.27	6.50	0.50	chr11	N/A	2	16	24.96	76.08
FBXO9	68.92	137.17	0.50	chr6	6p12.3-p11.2	112	3506	144.41	126.44
HMG20A	49.72	98.96	0.50	chr15	15q24	36	550	103.10	89.82
RALGAPA2	24.98	49.73	0.50	chr20	20p11.22	89	1753	106.89	107.30
STRADA	56.21	111.89	0.50	chr17	17q23.3	47	1344	121.05	83.25
IL1RL2	8.68	17.27	0.50	chr2	2q12	23	492	52.46	69.47
Hs.547925	29.99	59.70	0.50	chr11	N/A	7	73	95.74	63.39
Hs.734444	13.30	26.48	0.50	chr15	N/A	7	73	32.17	72.58
DERL2	53.37	106.25	0.50	chr17	17p13.2	26	523	65.97	70.01
FAT1	62.76	124.94	0.50	chr4	4q35	44	723	112.62	90.34
Hs.307984	7.92	15.77	0.50	chr14	N/A	7	73	52.07	92.29
CNBD2	12.22	24.32	0.50	chr20	20q11.23	23	1014	208.85	215.40
LOC100132984	8.36	16.66	0.50	chrX	Xp11.22	7	73	63.85	95.93
Hs.129543	6.79	13.51	0.50	chr14	N/A	9	681	59.52	91.78
ZC3H14	61.48	122.45	0.50	chr14	14q31.3	76	1217	140.81	159.23
Hs.547389	54.11	107.78	0.50	chr12	N/A	11	377	122.16	192.31
CEP128	9.05	18.03	0.50	chr14	14q31.1	46	1815	73.31	94.99
DHFR	30.02	59.79	0.50	chr5	5q11.2-q13.2	123	2696	76.85	118.22
MED12L	12.52	24.93	0.50	chr3	3q25.1	35	1125	109.17	87.40
Hs.112889	5.35	10.65	0.50	chr1	N/A	10	399	39.62	107.54
Hs.667641	31.00	61.76	0.50	chr16	N/A	2	22	11.59	120.06
Hs.659998	6.83	13.61	0.50	chr7	N/A	1	304	0.00	54.29
Hs.651358	13.22	26.33	0.50	chr15	N/A	24	560	104.40	66.21
PFKFB1	10.99	21.89	0.50	chrX	Xp11.21	39	1250	105.94	112.63
MAP3K19	16.86	33.60	0.50	chr2	2q21.3	31	818	129.67	156.40

IFI16	136.73	272.43	0.50	chr1	1q22	55	1496	155.20	142.13
Hs.668627	9.63	19.19	0.50	chr1	N/A	8	377	85.54	72.33
Hs.667033	23.28	46.40	0.50	chr20	N/A	1	304	0.00	46.13
Hs.561021	24.35	48.52	0.50	chr21	N/A	7	73	57.32	41.92
ZSWIM5	29.95	59.70	0.50	chr1	1p34.1	34	664	114.93	93.76
Hs.687855	10.28	20.49	0.50	chr7	N/A	10	28	19.68	36.05
CWC25	37.33	74.41	0.50	chr17	17q12	39	865	73.66	48.90
Hs.702386	78.71	156.92	0.50	chr2	N/A	7	73	102.35	43.37
CADM3	21.85	43.57	0.50	chr1	1q21.2-q22	41	1709	80.37	118.46
Hs.659886	21.02	41.92	0.50	chr6	N/A	1	304	0.00	85.22
Hs.657156	9.32	18.59	0.50	chrX	N/A	7	73	138.56	76.38
HCLS1	99.22	197.85	0.50	chr3	3q13	43	775	77.89	169.95
LINC00536	3.57	7.12	0.50	chr8	8q23.3	1	304	0.00	71.74
GINS2	17.36	34.62	0.50	chr16	16q24.1	29	835	64.13	99.64
KCNAB2	33.33	66.47	0.50	chr1	1p36.3	54	1137	107.51	158.11
PINX1	32.54	64.89	0.50	chr8	8p23	37	445	80.79	122.65
PIH1D3	12.88	25.68	0.50	chrX	Xq22.3	26	461	217.17	137.67
RNF133	11.06	22.05	0.50	chr7	7q31.32	26	461	64.98	180.87
Hs.164708	16.61	33.13	0.50	chr16	N/A	11	332	34.86	37.10
TXNDC11	41.89	83.55	0.50	chr16	16p13.13	50	626	85.18	71.01
NDRG3	68.14	135.93	0.50	chr20	20q11.21-q11.:	41	1317	89.26	115.05
ZNF490	19.04	37.98	0.50	chr19	19p13.2	29	419	50.64	38.51
Hs.633491	11.86	23.66	0.50	chr20	N/A	1	304	0.00	39.03
ETHE1	78.46	156.52	0.50	chr19	19q13.31	28	555	109.35	81.33
Hs.515337	6.18	12.33	0.50	chr19	N/A	1	304	0.00	51.60
Hs.633180	18.27	36.46	0.50	chr2	N/A	7	73	132.05	60.73
Hs.602659	15.46	30.85	0.50	chr12	N/A	7	73	69.35	101.87
Hs.659472	5.67	11.32	0.50	chr10	N/A	9	89	49.69	88.12
Hs.212640	10.13	20.22	0.50	chr19	N/A	7	73	97.42	81.02
CHRNA2	19.13	38.19	0.50	chr8	8p21	33	567	184.41	67.83
CREG2	8.16	16.28	0.50	chr2	2q11.2	17	337	46.58	222.02
CYP21A2	35.92	71.69	0.50	chr6	6p21.3	32	616	166.75	411.75
TLCD2	24.20	48.30	0.50	chr17	17p13.3	30	715	125.41	95.50
Hs.603378	6.18	12.35	0.50	chr14	N/A	2	22	26.67	66.83
Hs.715047	44.27	88.37	0.50	chr20	N/A	7	73	52.96	82.73
TRPCSOS	5.25	10.47	0.50	chrX	N/A	16	354	73.74	279.07
ALS2CR8	10.79	21.54	0.50	chr2	2q33.2	46	937	105.49	106.46
LOC100505547	24.67	49.25	0.50	chr3	N/A	7	370	91.21	333.24
OR9A2	15.72	31.38	0.50	chr7	7q34	8	52	121.39	63.05
ZNF562	39.83	79.53	0.50	chr19	19p13.2	48	599	72.85	61.59
UNK	43.83	87.52	0.50	chr17	17q25.1	33	1086	82.44	54.87
Hs.665191	5.71	11.40	0.50	chr9	N/A	1	304	0.00	59.24
Hs.98945	16.36	32.67	0.50	chr14	N/A	18	405	66.93	149.18
Hs.596515	36.77	73.44	0.50	chr15	N/A	1	304	0.00	78.74
RBPJ	120.18	240.00	0.50	chr4	4p15.2	111	1823	147.45	149.41
Hs.47928	8.79	17.55	0.50	chr18	N/A	3	66	51.67	334.89
LRRC37B	24.60	49.13	0.50	chr17	N/A	32	118	97.34	57.11
SLC1A1	25.24	50.42	0.50	chr9	9p24	47	1064	134.20	131.85
Hs.159454	7.07	14.13	0.50	chr19	N/A	8	420	42.63	71.87
SERAC1	16.20	32.37	0.50	chr6	6q25.3	32	789	86.36	92.89
Hs.656015	18.11	36.19	0.50	chr19	N/A	14	146	62.99	88.42
SLC9A8	21.94	43.84	0.50	chr20	20q13.13	43	691	85.69	58.48
LOC729770	3.30	6.58	0.50	chr2	2q36.1	1	304	0.00	63.25
SOCS3	46.42	92.76	0.50	chr17	17q25.3	66	1879	121.35	247.02
Hs.553139	4.99	9.96	0.50	chr7	N/A	1	304	0.00	92.49
Hs.668555	12.27	24.52	0.50	chr6	N/A	7	73	66.69	66.58
Hs.705920	13.10	26.18	0.50	chr4	N/A	14	146	89.36	192.30
Hs.658726	5.76	11.50	0.50	chr10	N/A	2	22	13.79	48.62
USP4	88.54	176.99	0.50	chr3	3p21.3	61	1396	64.98	85.90
EFNA3	21.37	42.73	0.50	chr1	1q21-q22	25	543	173.09	109.02
Hs.681706	13.09	26.16	0.50	chr1	N/A	8	377	58.51	43.17
Hs.713601	9.50	18.99	0.50	chr3	N/A	7	73	81.09	81.59
LOC100129617	25.77	51.51	0.50	chr16	16q23.2	1	304	0.00	55.65
Hs.586950	15.87	31.72	0.50	chr17	N/A	11	332	30.72	54.54
PII5	20.80	41.58	0.50	chr8	8q21.11	27	803	105.25	257.58
LOC285033	15.59	31.18	0.50	chr2	2q11.2	24	417	57.49	39.16
LGALS14	15.19	30.37	0.50	chr19	19q13.2	31	526	101.17	93.72
GREB1L	22.22	44.44	0.50	chr18	18q11.2	25	752	146.19	60.31
DHTKD1	53.15	106.30	0.50	chr10	10p14	46	938	114.82	131.81
Hs.126811	13.06	26.13	0.50	chr17	N/A	11	12	75.66	48.76
CDHR5	11.06	22.13	0.50	chr11	11p15.5	54	1398	143.64	263.96
CCDC11	16.16	32.33	0.50	chr18	18q21.1	24	800	191.60	289.01
HPS4	23.62	47.26	0.50	chr22	22cen-q12.3	69	1365	69.81	85.96
Hs.147755	6.15	12.31	0.50	chr1	N/A	5	22	64.21	52.84
GDII	258.88	517.92	0.50	chrX	Xq28	30	577	100.50	96.91
Hs.135696	6.58	13.17	0.50	chr15	N/A	10	73	56.11	94.72
Hs.659922	16.48	32.97	0.50	chr2	N/A	7	73	55.87	62.17
Hs.584846	6.04	12.08	0.50	chr12	N/A	7	73	81.18	67.11
CLNK	12.17	24.35	0.50	chr4	4p16.1	15	715	57.36	110.47
Hs.595283	134.69	269.50	0.50	chr1	N/A	7	73	110.39	81.63
LOC643441	8.72	17.46	0.50	chr1	1p13.2	26	101	62.66	90.69
PSRC1	31.49	63.02	0.50	chr1	1p13.3	41	596	129.38	112.22
UBQLN4	60.44	120.94	0.50	chr1	1q21	32	848	171.46	63.81
Hs.635685	13.86	27.74	0.50	chr5	N/A	1	304	0.00	117.50
Hs.632798	8.21	16.43	0.50	chrX	N/A	7	73	34.59	86.82
RASAL3	57.96	116.00	0.50	chr19	19p13.12	18	442	84.74	103.44
Hs.569872	7.89	15.79	0.50	chr18	N/A	2	22	31.23	56.62
Hs.126065	25.23	50.51	0.50	chr15	N/A	7	73	50.32	97.01
MNX1	14.52	29.07	0.50	chr7	7q36	36	592	112.95	102.32
Hs.603671	13.87	27.76	0.50	chr16	N/A	3	66	85.15	191.68
Hs.433010	66.81	133.76	0.50	chr19	N/A	23	174	113.27	73.93
PLCB2	20.25	40.55	0.50	chr15	15q15	48	1087	92.11	138.80
MYOZ3	26.83	53.73	0.50	chr5	5q33.1	60	1838	119.81	175.59

MOSPD3	40.56	81.21	0.50	chr7	7q22	38	602	115.07	61.91
LINC00310	5.82	11.64	0.50	chr21	21q22.11	24	368	62.56	106.80
Hs.622292	36.52	73.13	0.50	chrX	N/A	10	73	51.21	45.39
ZNF655	49.38	98.88	0.50	chr7	7q22.1	47	1113	68.06	89.79
Hs.460579	11.98	24.00	0.50	chrX	N/A	16	389	31.90	92.89
TXN	210.32	421.24	0.50	chr9	9q31	38	952	68.92	155.80
Hs.660258	14.39	28.83	0.50	chr7	N/A	1	321	0.00	65.75
Hs.569684	7.36	14.75	0.50	chr16	N/A	6	326	67.25	70.21
CELA1	36.15	72.42	0.50	chr12	12q13	29	1229	123.83	726.03
SSTR4	14.60	29.24	0.50	chr20	20p11.2	23	504	75.51	100.11
Hs.607553	13.32	26.68	0.50	chr17	N/A	1	304	0.00	64.32
MBIP	30.89	61.89	0.50	chr14	14q13.3	38	606	88.60	200.15
Hs.664155	9.15	18.34	0.50	chr11	N/A	8	377	60.12	51.77
Hs.128122	6.21	12.45	0.50	chr19	N/A	3	66	43.40	97.82
GY52	12.13	24.32	0.50	chr12	12p12.2	37	642	124.65	318.41
ZNF202	17.35	34.77	0.50	chr11	11q23.3	56	1213	70.04	96.55
Hs.592747	14.89	29.84	0.50	chr16	N/A	5	51	23.33	61.42
Hs.148238	9.52	19.08	0.50	chr18	N/A	5	22	54.99	76.34
IGFBP4	284.84	570.87	0.50	chr17	17q12-q21.1	30	594	141.17	103.88
TP73	9.29	18.63	0.50	chr1	1p36.3	57	1307	76.80	88.39
Hs.664383	117.89	236.29	0.50	chr7	N/A	7	73	79.54	171.29
Hs.656792	10.60	21.25	0.50	chr5	N/A	1	304	0.00	78.31
EGFL8	37.21	74.59	0.50	chr6	6p21.32	33	520	63.66	114.92
ORZZ1	20.30	40.69	0.50	chr19	19p13.2	8	52	140.91	99.95
ESF1	36.44	73.05	0.50	chr20	20p12.1	39	865	111.03	97.27
Hs.561094	10.49	21.02	0.50	chr22	N/A	4	304	31.20	46.33
Hs.663030	6.90	13.84	0.50	chr15	N/A	7	73	45.81	107.51
LOC100272216	19.24	38.57	0.50	chr5	N/A	27	129	71.05	90.21
TMEM41B	58.40	117.08	0.50	chr11	11p15.4	42	1016	116.54	55.30
ELOVL5	96.37	193.21	0.50	chr6	6p21.1-p12.1	77	2326	214.49	209.77
Hs.634263	9.67	19.38	0.50	chr3	N/A	1	304	0.00	62.51
SPDYA	12.36	24.77	0.50	chr2	2p23.2	38	412	128.03	175.10
Hs.633993	403.26	808.57	0.50	chr8	N/A	15	448	190.89	67.44
FRZB	35.38	70.94	0.50	chr2	2qter	68	1848	101.92	174.52
CD5	22.63	45.38	0.50	chr11	11q13	39	884	93.00	95.47
Hs.47775	6.93	13.90	0.50	chr3	N/A	10	73	34.13	78.43
PDDC1	50.26	100.78	0.50	chr11	11p15.5	55	527	106.01	81.25
ATL3	65.54	131.44	0.50	chr11	11q13.1	31	1073	89.87	132.92
ASB9	16.35	32.79	0.50	chrX	Xp22.2	33	570	87.88	114.15
CHRAC1	34.01	68.20	0.50	chr8	8q24.3	17	339	77.73	33.81
Hs.662675	6.75	13.53	0.50	chr4	N/A	7	73	47.09	93.78
Hs.560083	48.50	97.27	0.50	chr12	N/A	18	87	75.82	62.81
TMEM225	8.21	16.46	0.50	chr11	11q24.1	24	471	65.25	168.58
Hs.602514	7.52	15.08	0.50	chr11	N/A	14	146	29.22	80.11
EIF1B-AS1	24.83	49.81	0.50	chr3	3p22.1	12	1228	49.16	56.37
HYAL4	5.89	11.81	0.50	chr7	7q31.3	21	454	50.48	84.43
Hs.656810	10.58	21.23	0.50	chr15	N/A	18	405	130.25	56.93
HPSE2	8.47	17.00	0.50	chr10	10q23-q24	41	555	96.61	108.30
ITPA	61.44	123.27	0.50	chr20	20p	40	650	79.54	72.65
Hs.734597	4.68	9.39	0.50	chr10	N/A	1	304	0.00	62.36
GSTZ1	32.49	65.18	0.50	chr14	14q24.3	36	573	83.23	98.59
FANCF	18.93	37.99	0.50	chr11	11p15	24	821	56.02	61.58
COL7A1	32.55	65.31	0.50	chr3	3p21.1	33	968	77.62	94.13
Hs.666257	14.68	29.47	0.50	chr2	N/A	8	377	80.42	52.46
Hs.657968	33.89	68.01	0.50	chr5	N/A	8	377	86.68	72.04
ZNF334	8.72	17.51	0.50	chr20	20q13.12	25	757	60.88	68.50
PLEKHG1	22.38	44.91	0.50	chr6	6q25.1	56	810	124.50	97.34
Hs.667472	8.33	16.72	0.50	chr17	N/A	7	73	22.78	108.03
MDM1	17.39	34.89	0.50	chr12	12q15	74	1143	150.87	123.05
Hs.658519	18.65	37.44	0.50	chr10	N/A	8	377	71.71	155.75
NOB1	82.20	164.99	0.50	chr16	16q22.3	36	497	228.54	121.35
RBMS3	45.56	91.45	0.50	chr3	3p24-p23	104	2964	148.85	168.98
Hs.604013	7.91	15.88	0.50	chr3	N/A	2	22	29.02	64.31
Hs.147671	5.38	10.81	0.50	chr15	N/A	5	22	40.72	58.23
Hs.657139	11.95	23.99	0.50	chr13	N/A	7	73	78.08	54.93
Hs.554473	4.29	8.61	0.50	chr8	N/A	5	22	44.84	66.90
SBSPON	25.13	50.46	0.50	chr8	8q21.11	39	1202	154.26	108.11
Hs.656388	8.94	17.96	0.50	chr10	N/A	7	73	58.25	101.73
Hs.677055	9.02	18.11	0.50	chr15	N/A	10	73	54.41	93.11
VRTN	14.66	29.44	0.50	chr14	14q24.3	21	448	79.24	63.08
PRDM4	43.33	87.02	0.50	chr12	12q23-q24.1	40	1031	78.33	53.52
Hs.733739	7.28	14.61	0.50	chr1	N/A	7	73	98.67	62.13
TSPY1	13.00	26.11	0.50	chrY	Yp11.2	48	1445	131.60	414.38
LOC284751	12.09	24.29	0.50	chr20	20q13.13	6	338	138.51	50.77
ODF2	38.21	76.75	0.50	chr9	9q34.11	57	994	108.64	464.27
Hs.450659	12.06	24.22	0.50	chr11	N/A	7	73	99.45	70.23
Hs.132532	4.85	9.74	0.50	chr7	N/A	7	73	33.07	63.40
Hs.98388	7.65	15.37	0.50	chr2	N/A	8	377	34.49	69.44
HAUS6	14.43	28.98	0.50	chr9	9p22.1	66	1192	93.05	83.13
PPIL3	82.58	165.92	0.50	chr2	2q33.1	28	396	104.17	43.16
CT62	6.67	13.40	0.50	chr15	15q23	22	521	48.75	301.56
CYP4Z1	7.88	15.83	0.50	chr1	1p33	55	610	49.88	211.20
Hs.665280	6.23	12.52	0.50	chr6	N/A	7	73	77.92	106.43
CLDN6	15.31	30.76	0.50	chr16	16p13.3	22	768	74.22	97.18
Hs.665724	9.30	18.69	0.50	chr12	N/A	1	304	0.00	102.96
Hs.659711	11.71	23.53	0.50	chr19	N/A	19	709	78.97	79.28
CGB1	28.10	56.47	0.50	chr19	19q13.32	16	28	275.97	63.67
SLC26A3	17.38	34.93	0.50	chr7	7q31	37	638	144.79	693.06
CD19	31.06	62.42	0.50	chr16	16p11.2	30	570	76.33	202.05
Hs.598713	46.19	92.83	0.50	chr6	N/A	5	51	60.22	104.75
ASCL4	5.81	11.68	0.50	chr12	12q23.3	7	104	43.08	99.16
TSTA3	72.14	145.01	0.50	chr8	8q24.3	35	997	81.98	293.85
PLXNC1	23.96	48.16	0.50	chr12	12q23.3	100	1993	195.42	499.17

CACFD1	57.74	116.08	0.50	chr9	9q34	26	887	73.27	79.58
Hs.146760	8.62	17.33	0.50	chr20	N/A	5	22	58.69	67.48
TTPAL	34.98	70.33	0.50	chr20	20q13.12	49	938	72.25	84.32
Hs.116120	6.90	13.88	0.50	chr18	N/A	10	73	54.99	70.90
GSKIP	51.78	104.11	0.50	chr14	14q32.2	37	473	190.61	71.86
VSIG2	23.03	46.33	0.50	chr11	11q24	27	771	97.38	105.75
Hs.666768	9.79	19.70	0.50	chr19	N/A	7	73	72.48	97.83
TMEM178A	33.87	68.14	0.50	chr2	2p22.1	22	396	78.15	225.15
Hs.715002	92.55	186.18	0.50	chr1	N/A	7	73	146.44	46.11
Hs.511952	13.27	26.70	0.50	chr22	N/A	10	28	138.52	60.16
GPR98	11.38	22.89	0.50	chr5	5q13	74	2301	140.66	549.48
Hs.732974	22.47	45.21	0.50	chr7	N/A	7	73	47.68	41.78
Hs.570900	17.60	35.41	0.50	chr5	N/A	7	73	114.81	219.27
PPP1R3E	40.10	80.68	0.50	chr14	14q11.2	34	1208	109.88	161.96
BEND2	4.91	9.88	0.50	chrX	Xp22.13	20	333	66.22	109.60
IL13	11.90	23.94	0.50	chr5	5q31	30	567	114.97	93.16
SLAMF7	15.67	31.53	0.50	chr1	1q23.1-q24.1	26	1075	72.92	119.84
FICD	45.08	90.72	0.50	chr12	12q24.1	23	504	110.99	60.00
PURA	94.64	190.46	0.50	chr5	5q31	54	1568	140.23	106.77
CDIPT	163.91	329.86	0.50	chr16	16p11.2	38	628	118.97	58.40
Hs.149078	8.88	17.87	0.50	chr4	N/A	2	22	69.73	62.32
Hs.9676	97.91	197.06	0.50	chr6	N/A	20	868	171.35	114.45
Hs.601152	6.13	12.34	0.50	chr7	N/A	7	73	67.73	82.39
OTUD5	52.72	106.12	0.50	chrX	Xp11.23	34	1019	106.89	105.09
SNIP1	21.23	42.73	0.50	chr1	1p34.3	44	938	93.45	51.25
Hs.601036	35.61	71.68	0.50	chr18	N/A	7	73	82.49	172.13
PSMB8	74.82	150.63	0.50	chr6	6p21.3	44	628	159.03	99.21
SMARCAD1	40.16	80.86	0.50	chr4	4q22-q23	113	613	326.76	56.78
Hs.259664	15.29	30.79	0.50	chr1	N/A	8	377	143.22	55.40
Hs.713973	341.36	687.42	0.50	chr5	N/A	10	73	81.77	119.13
Hs.733872	11.73	23.62	0.50	chr3	N/A	5	51	107.11	101.55
DALRD3	41.78	84.15	0.50	chr3	3p21.31	31	918	123.09	98.89
VEGFA	89.81	180.89	0.50	chr6	6p12	111	2153	132.96	155.37
Hs.172119	9.24	18.61	0.50	chr4	N/A	8	377	74.75	99.19
Hs.130107	7.07	14.23	0.50	chr8	N/A	7	73	38.49	78.74
Hs.642983	31.54	63.54	0.50	chr2	N/A	10	28	31.62	36.97
Hs.561031	10.95	22.05	0.50	chr21	N/A	10	73	45.81	86.62
WDR92	37.49	75.51	0.50	chr2	2p14	53	598	95.80	67.06
PPAT	20.37	41.02	0.50	chr4	4q12	43	1328	80.83	67.00
Hs.720248	60.19	121.24	0.50	chr11	N/A	8	377	52.90	70.25
Hs.72804	15.53	31.29	0.50	chr5	N/A	17	146	53.87	62.85
MSTO1	39.32	79.21	0.50	chr1	1q22	37	1202	125.17	95.41
RNASE8	5.74	11.56	0.50	chr14	14q11.2	22	186	53.43	98.52
RTF1	42.10	84.83	0.50	chr15	15q15.1	44	1302	91.27	66.25
Hs.655803	15.01	30.24	0.50	chr4	N/A	7	78	33.95	66.98
PLCG1	42.36	85.36	0.50	chr20	20q12-q13.1	58	1175	108.09	67.20
SEC16A	85.61	172.52	0.50	chr9	9q34.3	51	746	128.26	67.25
EIF4B	192.12	387.22	0.50	chr12	12q13.13	85	1137	151.93	132.42
Hs.660415	14.26	28.73	0.50	chr4	N/A	18	383	113.59	80.65
RIMBP3C	6.50	13.10	0.50	chr22	22q11.21	7	73	72.79	170.81
CCDC40	14.88	30.00	0.50	chr17	17q25.3	55	2006	119.60	81.01
RNF25	24.70	49.79	0.50	chr2	2q35	28	538	87.75	163.90
Hs.653681	3.31	6.68	0.50	chr17	N/A	1	304	0.00	99.05
LINC00672	11.54	23.27	0.50	chr17	N/A	44	1232	61.98	66.95
C18orf56	14.01	28.25	0.50	chr18	18p11.32	21	418	110.45	54.35
GRIN2B	10.43	21.03	0.50	chr12	12p12	35	991	139.56	86.28
Hs.562988	8.72	17.59	0.50	chr20	N/A	7	73	71.87	74.01
APC2	21.00	42.33	0.50	chr19	19p13.3	64	1074	113.18	222.63
Hs.667298	6.32	12.75	0.50	chr10	N/A	7	73	41.50	54.98
Hs.662573	9.72	19.59	0.50	chr2	N/A	7	73	87.73	97.26
ZNF316	20.21	40.75	0.50	chr7	7p22.1	9	681	66.54	98.12
TMEM200C	10.77	21.73	0.50	chr18	18p11.31	20	652	118.18	90.25
Hs.584301	5.13	10.35	0.50	chr9	N/A	10	28	23.63	137.22
TBC1D14	98.91	199.45	0.50	chr4	4p16.1	41	493	79.34	79.38
SCNMI	69.15	139.44	0.50	chr1	1q21.3	41	561	100.87	109.30
LOC100505474	13.66	27.55	0.50	chr18	N/A	18	405	74.65	213.30
GUCY2D	11.28	22.74	0.50	chr17	17p13.1	23	494	77.74	97.24
SNX29	21.02	42.40	0.50	chr16	16p13.13-p13.1	73	2048	96.84	85.49
Hs.666758	7.77	15.68	0.50	chr8	N/A	2	22	29.57	79.89
Hs.253815	4.90	9.88	0.50	chr19	N/A	4	304	35.90	48.38
CD300LB	22.45	45.28	0.50	chr17	17q25.1	22	719	90.85	94.13
TMBIM6	382.43	771.40	0.50	chr12	12q12-q13	42	1025	110.20	73.55
Hs.656527	10.23	20.63	0.50	chr4	N/A	10	139	62.91	113.67
Hs.603581	11.71	23.63	0.50	chr10	N/A	7	73	64.15	111.38
PKHD1	14.92	30.10	0.50	chr6	6p12.2	70	1427	213.99	154.88
SIGLEC12	19.26	38.85	0.50	chr19	19q13.4	24	85	111.62	87.68
C1orf159	15.93	32.14	0.50	chr1	1p36.33	21	459	58.62	44.38
VCAM1	97.69	197.09	0.50	chr1	1p32-p31	53	703	147.33	185.95
Hs.617336	9.23	18.62	0.50	chr9	N/A	13	28	85.28	49.57
Hs.510396	45.90	92.60	0.50	chr14	N/A	7	73	94.15	168.84
DKK1	15.51	31.29	0.50	chr10	10q11.2	31	554	74.01	102.55
Hs.732412	74.67	150.67	0.50	chr1	N/A	5	425	49.18	77.28
Hs.663913	11.79	23.79	0.50	chr2	N/A	7	73	59.37	66.35
ADAMTS8	11.78	23.78	0.50	chr11	11q25	30	1249	106.34	134.19
Hs.295923	61.73	124.58	0.50	chr16	N/A	14	146	93.10	99.52
SCAND3	8.31	16.77	0.50	chr6	6p22.1	48	440	84.63	129.60
Hs.660500	7.77	15.68	0.50	chr18	N/A	3	66	40.00	171.78
PTPN2	30.32	61.18	0.50	chr18	18p11.3-p11.2	76	2475	170.26	130.49
Hs.656246	46.00	92.83	0.50	chr19	N/A	8	377	69.07	51.30
Hs.603205	6.74	13.60	0.50	chr11	N/A	7	73	33.56	62.27
Hs.663747	35.85	72.36	0.50	chr16	N/A	1	304	0.00	38.55
Hs.28664	5.83	11.78	0.50	chr8	N/A	17	101	86.73	110.08
Hs.634373	8.18	16.51	0.50	chr12	N/A	14	146	81.41	112.39

TP53AIP1	13.06	26.36	0.50	chr11	11q24	41	1520	55.75	118.77
CCDC7	12.80	25.83	0.50	chr10	10p11.22	65	1350	141.51	146.75
Hs.666443	12.29	24.80	0.50	chr2	N/A	11	443	119.99	53.12
NKRF	25.23	50.92	0.50	chrX	Xq24	35	628	80.12	54.45
MAN1C1	49.22	99.36	0.50	chr1	1p35	69	1199	96.69	77.85
Hs.661682	17.53	35.38	0.50	chr19	N/A	7	73	54.93	60.16
Hs.719507	35.53	71.72	0.50	chr10	N/A	1	304	0.00	78.46
KIAA0825	7.38	14.90	0.50	chr5	5q15	35	773	87.22	93.27
Hs.209641	10.23	20.65	0.50	chr1	N/A	1	304	0.00	55.13
Hs.127513	7.24	14.61	0.50	chr8	N/A	7	73	37.06	103.84
Hs.150163	5.90	11.90	0.50	chr3	N/A	10	73	67.62	124.39
DNASE2	67.84	136.99	0.50	chr19	19p13.2	28	922	106.81	94.93
Hs.665255	9.91	20.01	0.50	chr1	N/A	7	73	53.98	75.68
FAM221A	25.48	51.44	0.50	chr7	7p15.3	39	503	66.69	75.09
Hs.601963	17.12	34.58	0.50	chr4	N/A	8	377	44.81	49.12
Hs.620808	13.52	27.30	0.50	chr17	N/A	11	332	170.45	58.27
Hs.663033	43.00	86.83	0.50	chr10	N/A	18	405	118.66	113.28
Hs.131585	8.15	16.46	0.50	chr2	N/A	7	73	54.96	83.27
Hs.571314	4.15	8.37	0.50	chr7	N/A	3	326	18.74	61.51
VPS33B	33.77	68.19	0.50	chr15	15q26.1	30	936	79.26	54.14
MCL1	147.85	298.59	0.50	chr1	1q21	71	2224	131.26	161.27
HEXIM1	52.41	105.86	0.50	chr17	17q21.31	59	1171	178.90	119.97
Hs.569569	5.63	11.36	0.50	chr16	N/A	1	304	0.00	56.96
STAT6	112.26	226.74	0.50	chr12	12q13	37	1035	79.89	108.05
Hs.655812	11.22	22.67	0.50	chr2	N/A	7	73	72.77	70.42
Hs.658224	13.77	27.82	0.50	chr13	N/A	8	377	47.19	59.79
Hs.156213	15.31	30.93	0.50	chr7	N/A	4	304	62.65	84.54
CNNM1	17.69	35.73	0.50	chr10	10q24.2	28	529	110.62	70.41
LINC00645	2.85	5.75	0.50	chr14	N/A	1	304	0.00	116.29
Hs.558512	17.37	35.08	0.49	chr3	N/A	8	377	64.89	47.24
MEIS2	72.37	146.21	0.49	chr15	15q14	56	678	126.06	109.55
Hs.667229	10.20	20.60	0.49	chr11	N/A	7	73	58.68	54.26
SFPQ	116.35	235.07	0.49	chr1	1p34.3	52	1849	206.06	94.48
Hs.667077	9.05	18.28	0.49	chr6	N/A	7	73	69.60	72.21
PDK3	35.15	71.02	0.49	chrX	Xp22.11	76	2232	116.05	132.33
Hs.561885	7.45	15.06	0.49	chr8	N/A	10	73	96.82	137.33
Hs.661332	12.91	26.08	0.49	chr5	N/A	7	73	75.06	160.35
CPSF1	42.79	86.47	0.49	chr8	8q24.23	42	1469	100.08	92.52
SAT1	366.00	739.61	0.49	chrX	Xp22.1	64	1957	138.13	112.28
LINC00238	6.63	13.40	0.49	chr14	14q23.3	14	332	53.23	363.80
Hs.697113	14.22	28.74	0.49	chr18	N/A	11	332	39.55	52.04
VEPH1	11.34	22.91	0.49	chr3	3q24-q25	59	1722	128.87	145.04
Hs.574813	13.58	27.44	0.49	chr20	N/A	7	73	41.13	59.56
Hs.112954	12.56	25.39	0.49	chr12	N/A	10	73	40.50	107.06
Hs.710438	53.71	108.57	0.49	chr14	N/A	11	151	73.73	72.76
UVRAG	32.35	65.39	0.49	chr11	11q13.5	42	672	81.02	89.28
ZNF439	9.96	20.14	0.49	chr19	19p13.2	27	363	81.31	63.49
TP53TG3	31.94	64.57	0.49	chr16	16p13	14	420	98.54	89.85
Hs.651698	7.73	15.62	0.49	chr14	N/A	1	304	0.00	52.86
CPXM1	16.30	32.96	0.49	chr20	20p13	24	409	71.29	113.71
CLDND1	111.96	226.37	0.49	chr3	3q12.1	45	1249	103.81	217.93
C9orf84	11.32	22.90	0.49	chr9	9q31.3	33	762	102.92	178.87
C1orf64	15.83	32.00	0.49	chr1	1p36.13	50	639	132.27	84.00
SLC27A3	43.54	88.03	0.49	chr1	1q21.3	35	606	65.43	67.90
Hs.436532	6.27	12.68	0.49	chr19	N/A	4	304	20.85	50.14
Hs.660068	8.29	16.76	0.49	chr5	N/A	7	73	53.44	85.57
Hs.535075	55.76	112.75	0.49	chr9	N/A	8	377	94.72	69.88
CLDN19	53.78	108.74	0.49	chr1	1p34.2	18	997	289.28	196.56
LOC100505909	8.98	18.16	0.49	chr17	N/A	7	73	42.09	91.35
FOXO1	65.65	132.78	0.49	chr13	13q14.1	71	1592	91.54	111.57
ADAP1	60.75	122.86	0.49	chr7	7p22.3	31	924	172.11	130.92
Hs.61881	12.21	24.70	0.49	chr20	N/A	10	73	57.09	86.64
CRNKL1	31.84	64.40	0.49	chr20	20p11.2	36	539	68.24	63.88
REN	15.54	31.42	0.49	chr1	1q32	48	607	117.31	197.81
KCTD8	12.84	25.97	0.49	chr4	4p13	19	28	107.60	105.81
Hs.603662	5.69	11.51	0.49	chr8	N/A	7	73	50.20	70.08
BIRC8	7.81	15.80	0.49	chr19	N/A	18	81	58.91	120.93
ATP6V1G2	40.36	81.65	0.49	chr6	6p21.3	26	511	55.72	162.28
CLTC	169.61	343.13	0.49	chr17	17q11-qter	43	1329	126.87	147.74
Hs.449777	8.12	16.42	0.49	chr15	N/A	7	73	85.83	177.06
RANBP17	12.24	24.77	0.49	chr5	5q34	41	992	70.75	83.15
SPIN1	117.80	238.35	0.49	chr9	9q22.1	53	1015	184.49	111.70
LOC729224	4.08	8.25	0.49	chr2	2q33.1	4	370	59.14	188.81
LOC100652782	9.81	19.85	0.49	chr5	N/A	5	22	29.57	49.52
ZNF710	22.07	44.67	0.49	chr15	15q26.1	55	2107	95.79	88.01
ZNF570	12.27	24.84	0.49	chr19	19q13.12	17	333	85.49	53.50
LOC284454	70.22	142.15	0.49	chr19	19p13.13	22	676	98.72	80.01
KIT	61.89	125.29	0.49	chr4	4q11-q12	66	807	208.14	148.98
LOC100129722	18.29	37.04	0.49	chr9	9q34.3	1	304	0.00	44.29
Hs.567522	6.57	13.30	0.49	chr17	N/A	7	73	38.14	96.36
RPS13	1,286.09	2,604.24	0.49	chr11	11p15	52	684	57.79	51.94
TMEM229B	11.51	23.31	0.49	chr14	14q24.1	33	1184	87.55	104.87
Hs.130061	6.48	13.13	0.49	chr8	N/A	7	73	69.91	101.46
KDELC1	13.86	28.07	0.49	chr13	13q33	118	677	45.84	63.46
FST	38.93	78.86	0.49	chr5	5q11.2	36	972	97.15	130.13
HOXB-AS5	16.24	32.90	0.49	chr17	17q21.3	4	304	47.95	56.54
SLC4A4	38.54	78.08	0.49	chr4	4q21	70	2236	129.81	256.29
C4orf19	20.41	41.35	0.49	chr4	4p14	29	831	75.06	114.77
Hs.595318	36.91	74.77	0.49	chr4	N/A	10	28	29.05	37.72
Hs.633720	8.11	16.44	0.49	chr5	N/A	14	146	39.36	102.38
Hs.597181	21.06	42.66	0.49	chr1	N/A	7	73	62.66	52.25
TOPBP1	36.06	73.05	0.49	chr3	3q22.1	37	650	106.79	105.88
Hs.659786	10.90	22.09	0.49	chr12	N/A	8	377	52.01	60.56

MEMO1	52.07	105.50	0.49	chr2	2p22-p21	31	871	97.75	89.36
Hs.703047	24.28	49.19	0.49	chr6	N/A	5	51	82.02	66.79
Hs.144492	12.18	24.67	0.49	chr10	N/A	21	731	148.41	62.63
HAUS4	49.32	99.94	0.49	chr14	14q11.2	30	585	99.83	62.09
Hs.593826	8.66	17.54	0.49	chr12	N/A	9	112	47.31	116.58
Hs.666670	10.36	21.00	0.49	chr5	N/A	7	73	104.26	83.29
Hs.162105	11.62	23.55	0.49	chr19	N/A	10	332	40.30	46.44
Hs.731620	46.48	94.21	0.49	chr16	N/A	8	377	101.50	54.70
Hs.148569	7.60	15.41	0.49	chr10	N/A	2	22	22.04	75.65
Hs.541501	7.08	14.35	0.49	chr2	N/A	10	28	176.49	79.75
Hs.664847	8.31	16.85	0.49	chr2	N/A	7	73	67.04	108.04
WTAP	54.09	109.65	0.49	chr6	6q25-q27	97	2620	111.88	142.70
Hs.147309	4.95	10.03	0.49	chr12	N/A	2	22	12.96	65.10
C18orf61	12.08	24.49	0.49	chr18	18p11.22	9	392	52.99	106.67
C12orf66	13.20	26.76	0.49	chr12	12q14.2	37	791	97.03	111.37
CALHM1	19.00	38.53	0.49	chr10	10q24.33	20	342	71.65	45.06
Hs.635020	9.85	19.99	0.49	chr6	N/A	2	22	48.00	35.65
CHRNA9	10.92	22.14	0.49	chr4	4p14	23	454	133.30	87.86
CCR2	15.30	31.04	0.49	chr3	3p21.31	83	1119	150.89	105.10
Hs.655015	9.41	19.09	0.49	chr5	N/A	7	73	80.87	62.75
ZNF12	47.76	96.89	0.49	chr7	7p22.1	40	1477	68.84	55.44
CCDC13	24.10	48.90	0.49	chr3	3p22.1	27	1351	240.19	108.17
SLC35A1	75.00	152.18	0.49	chr6	6q15	40	593	136.75	66.15
SLC37A3	46.37	94.08	0.49	chr7	7q34	52	521	108.56	74.84
Hs.600471	6.03	12.23	0.49	chr9	N/A	7	73	47.47	107.16
TMEM42	61.79	125.38	0.49	chr3	3p21.31	31	489	85.92	64.94
Hs.385616	5.87	11.92	0.49	chr16	N/A	1	304	0.00	67.52
PRICKLE4	253.84	515.08	0.49	chr6	6p21.31	25	461	112.05	46.60
Hs.558671	6.37	12.93	0.49	chr14	N/A	2	608	53.43	83.69
Hs.607197	65.37	132.65	0.49	chr5	N/A	1	304	0.00	36.95
Hs.586238	4.64	9.41	0.49	chr6	N/A	1	304	0.00	63.16
Hs.112751	27.62	56.06	0.49	chr19	N/A	3	320	126.84	87.51
TOMM20	172.18	349.43	0.49	chr1	1q42	35	952	84.70	63.97
SLC47A2	17.91	36.35	0.49	chr17	17p11.2	19	387	148.57	112.67
ORMDL2	59.48	120.73	0.49	chr12	12q13.2	29	792	111.39	63.17
RABL3	22.62	45.92	0.49	chr3	3q13.33	73	1404	75.23	70.48
LOC100128175	2.78	5.65	0.49	chr3	3q13.31	2	16	20.16	67.25
ZNF610	14.30	29.02	0.49	chr19	19q13.41	33	538	72.96	67.22
Hs.667913	13.99	28.39	0.49	chr7	N/A	7	73	51.65	75.29
Hs.655766	7.48	15.18	0.49	chr16	N/A	18	405	176.38	102.56
TP53TG3B	20.76	42.15	0.49	chr16	16p11.2	36	84	75.04	106.08
Hs.653675	5.64	11.44	0.49	chr13	N/A	25	478	98.33	90.87
Hs.666900	6.19	12.57	0.49	chr19	N/A	7	73	81.63	110.87
THAP5	21.60	43.86	0.49	chr7	7q31.1	76	1013	187.00	108.74
RASGRP4	28.76	58.40	0.49	chr19	19q13.1	52	563	231.61	208.08
C9orf139	14.18	28.81	0.49	chr9	9q34.3	16	28	59.05	32.89
GHRL	12.46	25.31	0.49	chr3	3p26-p25	54	1551	73.30	64.30
FCRLA	16.43	33.37	0.49	chr1	1q23.3	45	1166	239.13	222.78
Hs.734022	18.00	36.57	0.49	chr8	N/A	2	22	91.74	109.00
Hs.543341	4.48	9.11	0.49	chr4	N/A	7	73	44.41	75.42
Hs.564198	6.93	14.07	0.49	chr11	N/A	7	73	75.96	231.10
LEP	32.62	66.26	0.49	chr7	7q31.3	44	636	84.49	358.50
WDR86	22.70	46.10	0.49	chr7	7q36.1	7	305	93.89	200.94
Hs.673478	9.40	19.09	0.49	chr1	N/A	1	304	0.00	59.31
Hs.46669	9.63	19.57	0.49	chr2	N/A	7	370	87.75	90.72
GD12	222.97	452.97	0.49	chr10	10p15	57	1135	122.25	104.24
BRD8	53.60	108.90	0.49	chr5	5q31	61	1260	93.41	126.67
TMA7	825.03	1,676.20	0.49	chr3	3p21.31	48	622	109.10	64.78
DIAPH3-AS2	7.07	14.37	0.49	chr13	N/A	3	66	48.45	209.32
Hs.666436	70.37	142.98	0.49	chr7	N/A	7	73	81.72	207.77
DDX21	150.44	305.66	0.49	chr10	10q21	34	650	101.67	74.85
Hs.655802	33.30	67.66	0.49	chr20	N/A	10	28	44.30	45.88
Hs.116199	6.97	14.15	0.49	chr4	N/A	10	73	49.81	88.11
DZANK1	11.36	23.07	0.49	chr20	20p11.23	63	1018	76.13	81.01
ZNF354B	20.59	41.85	0.49	chr5	5q35.3	24	406	154.96	61.40
Hs.658738	16.53	33.59	0.49	chr12	N/A	11	332	56.28	46.37
DEK	132.27	268.80	0.49	chr6	6p22.3	30	577	88.23	68.16
CXorf36	15.98	32.48	0.49	chrX	Xp11.3	81	1627	68.57	169.89
Hs.614065	7.62	15.49	0.49	chr17	N/A	1	304	0.00	56.52
MINK1	64.63	131.36	0.49	chr17	17p13.2	81	2120	185.99	102.77
Hs.490454	5.80	11.78	0.49	chr7	N/A	7	73	78.48	75.34
Hs.12489	28.09	57.11	0.49	chr17	N/A	7	73	106.17	50.83
KRT33B	9.99	20.31	0.49	chr17	17q21.2	23	504	85.29	147.52
PHF20	39.53	80.35	0.49	chr20	20q11.22-q11.1	96	2290	162.09	99.23
SEC31A	186.85	379.87	0.49	chr4	4q21.22	84	1311	155.27	110.56
HSD17B14	33.27	67.64	0.49	chr19	19q13.33	31	1440	94.68	55.72
Hs.434298	16.65	33.86	0.49	chr13	N/A	4	304	31.67	43.31
GALNT1	94.34	191.82	0.49	chr18	18q12.1	64	2222	150.46	96.42
VAMP4	27.06	55.01	0.49	chr1	1q24-q25	75	1705	94.34	93.22
Hs.567518	28.11	57.15	0.49	chr16	N/A	8	377	52.96	54.85
CXorf64	9.34	18.98	0.49	chrX	Xq25	11	377	103.56	86.83
Hs.334947	7.22	14.69	0.49	chr7	N/A	2	22	31.69	79.36
FASTKD3	26.15	53.17	0.49	chr5	5p15.31	31	532	59.39	55.77
TMEM130	201.43	409.63	0.49	chr7	7q22.1	26	465	229.76	308.76
LRIG3	38.04	77.35	0.49	chr12	12q14.1	24	508	136.83	99.64
Hs.666469	10.45	21.26	0.49	chr6	N/A	8	377	77.76	62.81
HOXB-AS1	15.47	31.46	0.49	chr17	N/A	28	878	66.71	67.69
Hs.664424	6.34	12.89	0.49	chr11	N/A	19	566	38.29	133.49
PAPD4	48.55	98.74	0.49	chr5	5q14.1	58	1271	181.66	92.57
Hs.662936	8.72	17.74	0.49	chr6	N/A	7	73	128.67	59.03
Hs.593207	34.11	69.40	0.49	chr11	N/A	8	377	63.94	124.80
DDX50	62.91	127.98	0.49	chr10	10q22.1	33	540	82.87	61.53
Hs.660158	7.27	14.79	0.49	chr10	N/A	7	73	53.84	47.67

LINC00312	25.59	52.07	0.49	chr3	3p25.3	24	789	92.44	96.39
Hs.602655	5.83	11.87	0.49	chr5	N/A	7	73	72.72	109.26
MBOAT2	50.10	101.95	0.49	chr2	2p25.1	65	1105	127.16	88.92
Hs.660386	11.16	22.72	0.49	chr8	N/A	7	73	81.69	98.06
MIRLET7DHG	5.67	11.54	0.49	chr9	9q22.32	1	309	0.00	63.43
PPCDC	19.28	39.25	0.49	chr15	15q24.2	31	500	59.65	56.58
TSR1	40.04	81.50	0.49	chr17	17p13.3	52	1722	75.36	110.29
Hs.732830	17.36	35.35	0.49	chr1	N/A	7	73	52.66	82.25
FUT4	15.65	31.85	0.49	chr11	11q21	55	1097	81.02	100.98
PCNA	71.96	146.50	0.49	chr20	20pter-p12	66	833	66.49	120.31
Hs.562136	3.12	6.35	0.49	chr1	N/A	1	304	0.00	81.57
TUSC7	8.53	17.36	0.49	chr3	3q13.31	12	681	80.47	88.04
CST7	31.39	63.91	0.49	chr20	20p11.21	31	618	137.93	224.93
Hs.658570	16.43	33.46	0.49	chr14	N/A	2	22	94.48	28.54
GRK1	15.76	32.09	0.49	chr13	13q34	26	495	134.56	67.86
ZNF57	17.57	35.78	0.49	chr19	19p13.3	19	404	49.37	90.81
C5orf17	5.84	11.90	0.49	chr5	5p14.2	3	320	33.56	51.90
FRAT1	26.03	53.02	0.49	chr10	10q24.1	26	516	89.74	53.05
LOC100507440	29.09	59.25	0.49	chr17	N/A	8	377	77.11	37.37
SEMA4F	27.00	54.99	0.49	chr2	2p13.1	49	1317	74.31	52.83
LOC100996477	9.59	19.52	0.49	chr12	N/A	8	377	42.81	55.13
USP32	49.23	100.27	0.49	chr17	17q23.3	52	1160	110.29	103.92
LOC284798	8.17	16.65	0.49	chr20	20p11.21	3	326	45.81	54.91
RC3H2	31.73	64.64	0.49	chr9	9q34	62	2096	113.29	104.69
S100A4	285.96	582.46	0.49	chr1	1q21	28	543	66.47	152.20
Hs.545602	15.54	31.65	0.49	chr9	N/A	10	73	60.40	175.85
Hs.677078	14.91	30.36	0.49	chr13	N/A	2	608	95.43	101.44
TTC9	17.32	35.28	0.49	chr14	14q24.2	47	1017	119.75	136.02
TRIM48	10.35	21.08	0.49	chr11	11q11	21	453	116.48	78.93
MIRLET7BHG	17.29	35.23	0.49	chr22	22q13.31	17	688	81.83	76.78
Hs.239108	23.54	47.95	0.49	chr19	N/A	18	450	66.34	88.98
Hs.655347	15.02	30.60	0.49	chr6	N/A	8	377	86.28	55.39
MIR600HG	22.08	44.99	0.49	chr9	9q33.3	22	756	108.37	76.33
ALDH1L1-AS2	12.57	25.62	0.49	chr3	3q21.3	14	332	117.78	45.78
HCAR2	24.32	49.55	0.49	chr12	12q24.31	20	101	43.37	91.99
Hs.603895	11.86	24.18	0.49	chr15	N/A	7	73	58.52	86.55
Hs.596945	7.98	16.26	0.49	chr8	N/A	3	66	21.40	74.64
Hs.651374	27.10	55.23	0.49	chr16	N/A	1	304	0.00	64.02
OR1F1	32.93	67.12	0.49	chr16	16p13.3	21	462	137.70	74.19
Hs.733925	4.61	9.40	0.49	chr6	N/A	2	22	31.34	120.20
Hs.386735	14.90	30.38	0.49	chr20	N/A	9	95	113.04	129.93
Hs.117030	8.23	16.77	0.49	chr8	N/A	7	73	44.91	75.26
Hs.719273	17.88	36.45	0.49	chr5	N/A	24	1129	88.80	70.42
OASL	34.97	71.30	0.49	chr12	12q24.2	33	961	98.86	69.33
Hs.116179	9.80	19.98	0.49	chr19	N/A	10	73	73.69	75.23
C14orf177	9.63	19.65	0.49	chr14	14q32.2	15	101	163.46	90.10
LRR1	20.05	40.88	0.49	chr14	14q21.3	46	831	121.98	145.00
Hs.654977	26.42	53.87	0.49	chr9	N/A	3	326	35.72	50.76
SHMT1	40.64	82.86	0.49	chr17	17p11.2	73	1706	186.01	194.84
Hs.659055	9.55	19.48	0.49	chr11	N/A	4	630	56.92	67.86
Hs.660335	7.53	15.36	0.49	chr18	N/A	2	608	79.51	79.61
CCDC136	30.30	61.80	0.49	chr7	7q33	22	1056	84.04	356.60
Hs.594569	95.33	194.40	0.49	chr10	N/A	8	377	55.56	45.58
ERVFRD-1	9.25	18.87	0.49	chr6	6p24.1	23	457	81.75	180.74
STAT5B	52.30	106.66	0.49	chr17	17q11.2	84	2404	128.83	102.45
Hs.116129	7.71	15.72	0.49	chr10	N/A	10	73	58.43	81.56
PTN	123.74	252.38	0.49	chr7	7q33	50	1831	94.69	190.13
MEPE	12.98	26.47	0.49	chr4	4q21.1	21	456	253.94	96.28
MMP14	42.07	85.81	0.49	chr14	14q11-q12	45	1836	179.94	129.71
UNC5C	13.38	27.29	0.49	chr4	4q21-q23	72	2108	144.13	732.77
CYP27B1	16.37	33.39	0.49	chr12	12q13.1-q13.3	30	565	58.55	103.43
LPAR2	26.69	54.44	0.49	chr19	19p12	40	1043	68.44	75.81
NR2F1-AS1	16.44	33.53	0.49	chr5	5q15	54	1368	174.65	106.99
TEP1	18.12	36.97	0.49	chr14	14q11.2	34	832	103.40	83.43
Hs.602719	4.73	9.65	0.49	chr15	N/A	7	73	36.07	90.89
ATG2B	28.43	58.02	0.49	chr14	14q32.2	50	1588	94.98	89.73
OR6V1	34.88	71.17	0.49	chr7	7q34	8	52	73.77	58.26
TINCR	18.54	37.83	0.49	chr19	19p13.3	45	1168	104.04	178.12
Hs.667394	6.35	12.95	0.49	chr11	N/A	2	16	65.52	62.56
Hs.662734	14.02	28.62	0.49	chr17	N/A	7	73	75.02	76.25
CHMP5	92.14	188.06	0.49	chr9	9p13.3	45	974	78.36	65.83
Hs.190284	32.87	67.08	0.49	chr17	N/A	1	304	0.00	35.59
Hs.654953	20.23	41.29	0.49	chr12	N/A	23	825	71.63	72.15
KL	13.87	28.31	0.49	chr13	13q12	20	500	96.78	261.14
Hs.604374	33.01	67.39	0.49	chr18	N/A	7	73	72.44	62.59
Hs.443491	7.32	14.94	0.49	chr14	N/A	1	304	0.00	55.32
Hs.180115	7.05	14.40	0.49	chr10	N/A	8	377	53.79	62.54
EPHA1	24.72	50.47	0.49	chr7	7q34	42	1066	196.79	444.99
METTL14	42.02	85.79	0.49	chr4	4q26	23	500	85.53	94.45
Hs.130449	5.71	11.66	0.49	chr4	N/A	7	73	31.36	82.99
EP400	26.11	53.32	0.49	chr12	12q24.33	74	2140	132.84	80.44
Hs.666264	9.16	18.70	0.49	chr12	N/A	14	146	51.26	179.89
LOC440335	26.64	54.41	0.49	chr16	16p13.3	13	390	188.83	127.40
Hs.600402	24.78	50.62	0.49	chr3	N/A	7	73	75.82	162.77
Hs.659683	15.48	31.63	0.49	chr1	N/A	2	22	31.89	41.65
BPIFB6	8.70	17.77	0.49	chr20	20q11.21	17	334	95.81	64.77
ZFAND3	49.40	100.90	0.49	chr6	6pter-p22.3	64	1194	142.62	101.59
MAPK10	45.91	93.79	0.49	chr4	4q22.1-q23	59	1093	197.92	99.17
FLVCR2	23.11	47.20	0.49	chr14	14q24.3	46	1336	123.32	101.89
QPCT	28.54	58.30	0.49	chr2	2p22.2	43	605	77.82	282.79
Hs.662783	31.77	64.90	0.49	chr1	N/A	1	304	0.00	50.15
Hs.655434	20.49	41.87	0.49	chr3	N/A	5	420	36.86	371.06
Hs.619312	9.51	19.43	0.49	chr8	N/A	10	28	67.47	42.66

KLF17	10.75	21.96	0.49	chr1	1p34.1	17	332	179.04	61.64
Hs.734405	13.45	27.49	0.49	chr8	N/A	1	304	0.00	39.98
TRMT13	30.92	63.19	0.49	chr1	1p21.2	39	862	141.40	70.86
ZNF500	28.85	58.96	0.49	chr16	16p13.3	49	1469	85.84	67.97
Hs.668078	6.86	14.02	0.49	chr9	N/A	7	73	73.55	112.24
Hs.607368	3.72	7.59	0.49	chr12	N/A	1	304	0.00	71.65
SEMA3G	46.43	94.91	0.49	chr3	3p21.1	28	536	57.42	121.73
Hs.661237	15.76	32.22	0.49	chr15	N/A	1	304	0.00	91.30
PIKFYVE	34.26	70.04	0.49	chr2	2q34	57	1330	139.84	124.63
Hs.664138	16.16	33.04	0.49	chr10	N/A	7	73	45.37	59.00
Hs.598771	18.25	37.31	0.49	chr3	N/A	6	326	50.14	37.72
Hs.444307	7.32	14.97	0.49	chr4	N/A	7	73	110.15	74.39
Hs.729260	5.92	12.11	0.49	chr13	N/A	7	73	77.84	74.01
HIST1H2BD	57.05	116.65	0.49	chr6	6p21.3	63	1161	106.89	103.99
CCDC115	109.60	224.10	0.49	chr2	2q21.1	35	497	122.53	102.37
Hs.606044	23.06	47.15	0.49	chr4	N/A	14	146	70.76	47.78
Hs.593335	5.10	10.43	0.49	chr2	N/A	10	28	39.33	62.46
DAAM2	74.81	152.98	0.49	chr6	6p21.2	30	572	122.32	138.57
GSE1	73.99	151.31	0.49	chr16	16q24.1	60	1470	95.46	100.11
GAPT	12.88	26.34	0.49	chr5	5q11.2	36	554	77.33	141.90
PRSS55	10.94	22.37	0.49	chr8	8p23.1	9	356	62.60	80.31
LRRC1	20.96	42.87	0.49	chr6	6p12.1	44	960	103.77	72.19
RREB1	26.23	53.64	0.49	chr6	6p25	98	2799	133.83	146.44
SGPP2	32.86	67.20	0.49	chr2	2q36.1	36	716	142.16	141.22
Hs.666200	4.53	9.27	0.49	chr15	N/A	5	51	61.50	115.55
LINC00167	8.04	16.44	0.49	chr11	11q24.3	24	360	33.81	44.63
STK32B	11.81	24.16	0.49	chr4	4p16.2	42	628	145.83	102.62
Hs.474032	11.10	22.71	0.49	chr21	N/A	10	73	66.81	58.78
SLC2A9	29.04	59.42	0.49	chr4	4p16.1	42	869	155.96	86.59
Hs.653329	6.78	13.87	0.49	chr2	N/A	7	73	67.93	81.33
PGBD4	19.48	39.86	0.49	chr15	15q14	32	416	165.57	112.59
LOC100506161	9.82	20.09	0.49	chr1	N/A	21	405	80.24	101.44
Hs.667282	5.69	11.64	0.49	chr17	N/A	2	22	34.17	77.77
Hs.664842	8.03	16.43	0.49	chr5	N/A	7	73	77.94	86.08
FTO	63.50	129.95	0.49	chr16	16q12.2	41	747	109.78	88.75
Hs.601085	3.46	7.08	0.49	chr1	N/A	7	73	34.62	71.01
PITX2	12.87	26.35	0.49	chr4	4q25	47	581	104.96	203.93
Hs.677252	12.31	25.20	0.49	chr2	N/A	20	868	61.17	102.46
Hs.604285	4.26	8.71	0.49	chr1	N/A	7	73	45.89	115.95
SIGLEC7	17.44	35.70	0.49	chr19	19q13.3	61	1491	81.20	90.10
ADAMTS18	14.06	28.77	0.49	chr16	16q23	47	1324	146.29	108.53
C8orf17	6.92	14.17	0.49	chr8	8q24.3	31	477	96.46	74.79
Hs.731790	17.68	36.20	0.49	chr11	N/A	1	304	0.00	67.58
Hs.12473	9.11	18.66	0.49	chr1	N/A	27	560	107.51	68.30
MND1	8.90	18.22	0.49	chr4	4q31.3	25	453	91.09	141.86
ABCC4	13.43	27.49	0.49	chr13	13q32	67	1670	96.29	207.02
HEATR4	10.95	22.41	0.49	chr14	14q24.3	24	410	56.40	77.40
Hs.47390	7.63	15.61	0.49	chr18	N/A	5	22	20.89	76.81
WBSCR27	15.18	31.07	0.49	chr7	7q11.23	14	332	89.16	44.71
CCDC88B	27.84	57.01	0.49	chr11	11q12.3	46	545	147.05	108.19
TIPARP	107.69	220.55	0.49	chr3	3q25.31	30	572	78.53	85.46
Hs.714072	30.25	61.95	0.49	chr4	N/A	5	420	136.96	62.69
FOXF2	27.73	56.78	0.49	chr6	6p25.3	35	624	136.22	142.02
Hs.656240	10.70	21.92	0.49	chr17	N/A	7	73	64.15	43.49
GGTLC1	37.16	76.10	0.49	chr20	20p11.1	27	465	130.76	81.31
Hs.97813	17.45	35.75	0.49	chr2	N/A	10	73	71.91	105.23
Hs.713261	14.20	29.10	0.49	chr16	N/A	10	28	26.29	57.50
Hs.665311	10.28	21.07	0.49	chr1	N/A	7	73	53.00	88.42
ANKRD30A	5.68	11.63	0.49	chr10	10p11.21	25	384	50.65	186.28
Hs.133419	6.36	13.04	0.49	chr6	N/A	2	22	23.45	71.30
Hs.663708	10.70	21.93	0.49	chr3	N/A	7	73	91.73	68.20
Hs.114035	5.57	11.41	0.49	chr11	N/A	10	73	43.05	90.35
GSDMB	25.39	52.03	0.49	chr17	17q12	47	1330	81.36	131.07
Hs.720949	15.55	31.86	0.49	chr17	N/A	2	22	73.68	69.30
Hs.603879	6.25	12.80	0.49	chr3	N/A	2	22	3.91	54.91
Hs.666695	11.96	24.50	0.49	chr1	N/A	1	304	0.00	58.35
TUBB3	295.99	606.61	0.49	chr16	16q24.3	44	1081	149.28	141.89
HDC	21.22	43.50	0.49	chr15	15q21-q22	23	500	60.79	63.41
ZNF280A	16.12	33.04	0.49	chr22	22q11.22	23	487	104.79	67.56
Hs.657043	11.87	24.33	0.49	chr2	N/A	7	73	93.99	119.06
ELMO2	35.65	73.08	0.49	chr20	20q13	60	1713	140.84	74.96
Hs.444411	10.04	20.58	0.49	chr16	N/A	4	304	61.36	81.38
SLC28A3	15.57	31.91	0.49	chr9	9q22.2	39	866	115.90	91.42
HNF4A	12.90	26.44	0.49	chr20	20q13.12	97	2668	134.96	167.24
C17orf112	4.52	9.26	0.49	chr17	N/A	2	22	95.79	69.53
Hs.666140	6.35	13.03	0.49	chr8	N/A	7	73	54.86	71.33
OR51E2	11.02	22.60	0.49	chr11	11p15	36	1156	93.95	528.93
Hs.661656	15.94	32.68	0.49	chr7	N/A	8	377	66.90	68.93
SGMS1	37.09	76.06	0.49	chr10	10q11.2	63	915	98.63	92.64
NOV	61.76	126.63	0.49	chr8	8q24.1	50	1076	120.73	427.27
NOL11	53.10	108.88	0.49	chr17	17q24.2	19	113	76.73	56.25
Hs.655764	15.84	32.47	0.49	chr3	N/A	11	332	62.84	121.01
HTRA1	232.21	476.15	0.49	chr10	10q26.3	35	571	85.01	109.05
Hs.201300	12.03	24.67	0.49	chrX	N/A	8	377	73.25	140.50
TMEM192	33.70	69.12	0.49	chr4	4q32.3	60	716	81.09	232.36
LOC100505636	6.24	12.80	0.49	chr5	N/A	2	22	25.63	68.40
ART5	17.69	36.28	0.49	chr11	11p15.4	22	386	52.18	112.64
POLE2	14.53	29.79	0.49	chr14	14q21-q22	35	616	63.12	66.94
Hs.663617	11.18	22.92	0.49	chr1	N/A	19	566	54.26	107.33
MTX3	30.19	61.93	0.49	chr5	5q14.1	50	1001	118.12	69.76
Hs.668137	8.82	18.09	0.49	chr2	N/A	7	73	73.75	115.89
KLC4	45.58	93.50	0.49	chr6	6p21.1	45	789	196.63	135.31
FAM8A1	103.20	211.68	0.49	chr6	6p23	40	605	133.65	63.61

Hs.710128	12.43	25.50	0.49	chr1	N/A	1	304	0.00	71.76
Hs.656405	15.68	32.17	0.49	chr12	N/A	8	377	52.78	54.68
Hs.600571	9.92	20.36	0.49	chr6	N/A	4	370	54.23	73.43
ANG	100.48	206.15	0.49	chr14	14q11.1-q11.2	70	1633	119.58	194.11
Hs.131579	11.84	24.30	0.49	chr15	N/A	1	304	0.00	64.00
Hs.662771	14.56	29.88	0.49	chr22	N/A	1	304	0.00	38.20
C4orf3	255.89	525.13	0.49	chr4	4q26	40	1175	90.86	66.07
Hs.480603	27.83	57.12	0.49	chr4	N/A	7	73	45.28	55.34
Hs.604828	7.09	14.56	0.49	chr8	N/A	1	304	0.00	72.28
Hs.743578	19.93	40.91	0.49	chr19	N/A	7	73	44.30	56.37
Hs.562862	8.64	17.74	0.49	chr2	N/A	5	22	18.77	58.50
ARHGAP29	33.99	69.78	0.49	chr1	1p22.1	63	1630	118.02	163.89
LYG1	17.24	35.39	0.49	chr2	2q11.2	33	530	102.60	104.28
ZC3H15	71.88	147.59	0.49	chr2	2q32.1	67	1586	124.14	109.61
Hs.543424	8.70	17.85	0.49	chr4	N/A	7	73	34.51	86.63
FAM83C	24.87	51.07	0.49	chr20	20q11.22	19	693	216.43	175.66
Hs.734208	9.62	19.76	0.49	chr15	N/A	7	73	15.86	94.57
SLITRK6	19.76	40.57	0.49	chr13	13q31.1	35	1147	82.44	197.71
OPTC	15.09	30.98	0.49	chr1	1q32.1	19	385	68.04	61.19
FCHO1	22.88	46.98	0.49	chr19	19p13.11	30	560	114.82	66.79
Hs.6181	9.57	19.65	0.49	chr6	N/A	7	73	63.64	74.33
Hs.211301	5.94	12.21	0.49	chr7	N/A	13	28	101.11	161.34
TRIM26	53.99	110.92	0.49	chr6	6p21.3	43	549	95.09	41.47
Hs.551860	7.08	14.54	0.49	chr10	N/A	14	332	77.39	79.53
NCAPG	9.80	20.13	0.49	chr4	4p15.33	26	881	151.25	156.87
PLXND1	58.75	120.70	0.49	chr3	3q22.1	46	1332	110.09	99.36
CAPN11	8.81	18.10	0.49	chr6	6p12	23	492	108.25	116.81
LINC00494	13.29	27.31	0.49	chr20	20q13.13	8	377	96.29	89.34
MUTYH	38.04	78.16	0.49	chr1	1p34.1	48	644	94.30	56.71
Hs.659630	54.68	112.37	0.49	chr3	N/A	1	304	0.00	86.30
Hs.697238	6.16	12.67	0.49	chr18	N/A	7	73	78.40	59.75
SLC5A9	9.89	20.33	0.49	chr1	1p33	27	767	62.66	86.83
Hs.245931	13.40	27.54	0.49	chr9	N/A	14	146	75.26	58.56
SLC4A9	8.98	18.45	0.49	chr5	5q31	22	711	89.70	110.53
Hs.536733	9.35	19.23	0.49	chr7	N/A	10	139	77.91	129.09
LOC100129427	5.03	10.35	0.49	chr7	7p12.2	1	304	0.00	65.20
Hs.660999	12.80	26.31	0.49	chr19	N/A	2	608	68.89	43.69
Hs.523912	8.34	17.15	0.49	chr1	N/A	10	73	52.99	69.07
Hs.127348	4.52	9.28	0.49	chr7	N/A	3	66	31.41	86.03
AGRN	44.42	91.33	0.49	chr1	1p36.33	71	1895	80.37	95.10
Hs.602257	8.70	17.90	0.49	chr20	N/A	7	73	119.32	123.34
TRIM43	11.03	22.68	0.49	chr2	2q11.1	24	793	101.23	116.53
Hs.193784	139.10	286.03	0.49	chr3	N/A	13	725	97.73	71.63
ERF	24.56	50.50	0.49	chr19	19q13	47	1054	92.13	66.64
ARHGAP19	26.05	53.57	0.49	chr10	10q24.1	64	1543	115.37	173.69
ERMP1	48.43	99.59	0.49	chr9	9p24	52	1108	89.68	113.85
GPCPD1	61.04	125.54	0.49	chr20	20p12.3	74	1361	76.05	84.16
Hs.543415	7.49	15.41	0.49	chr4	N/A	7	73	90.73	61.74
APCDD1L	16.61	34.16	0.49	chr20	20q13.32	20	398	113.91	109.78
ZNRF3	26.41	54.31	0.49	chr22	22q12.1	68	892	114.80	85.16
TECTB	36.99	76.08	0.49	chr10	10q25-q26	19	384	244.56	164.19
Hs.126501	6.43	13.23	0.49	chr12	N/A	13	28	73.57	134.31
LOC145837	7.51	15.46	0.49	chr15	15q23	13	620	49.98	134.27
TMEM176A	151.22	311.09	0.49	chr7	7q36.1	21	463	108.59	142.52
KIF9	33.62	69.17	0.49	chr3	3p21.31	50	1422	120.17	140.43
Hs.702264	153.54	315.90	0.49	chr8	N/A	17	101	131.30	126.70
WRAP53	35.57	73.19	0.49	chr17	17p13.1	47	1097	231.06	103.07
CBLN3	26.71	54.95	0.49	chr14	14q12	14	332	72.37	45.15
RAB1F	27.97	57.57	0.49	chr1	1q32.1	65	1126	105.33	76.90
FLJ30064	17.73	36.49	0.49	chr7	7q21.3	20	427	64.48	46.92
FAM49B	48.54	99.89	0.49	chr8	8q24.21	64	1017	160.71	103.21
GINS4	8.39	17.27	0.49	chr8	8p11.21	36	1087	83.62	70.73
Hs.134520	12.56	25.86	0.49	chr14	N/A	8	377	76.33	50.68
Hs.459704	19.81	40.77	0.49	chr9	N/A	7	73	81.70	68.49
EAF2	13.83	28.47	0.49	chr3	3q13.33	34	1245	62.58	187.93
DGCR10	5.84	12.02	0.49	chr22	22q11	1	304	0.00	50.05
Hs.666543	5.64	11.60	0.49	chr11	N/A	2	22	3.92	50.19
Hs.148519	7.37	15.18	0.49	chr1	N/A	5	22	66.11	97.22
LOC100996671	8.62	17.75	0.49	chr12	N/A	11	377	79.84	113.49
REM1	19.27	39.68	0.49	chr20	20q11.21	30	575	121.04	76.33
Hs.434075	90.08	185.46	0.49	chr4	N/A	1	304	0.00	29.69
ZXDC	22.90	47.15	0.49	chr3	3q21.3	104	2264	96.43	67.14
MTMR6	30.64	63.10	0.49	chr13	13q12	34	819	95.41	107.42
Hs.604076	6.14	12.64	0.49	chr9	N/A	2	22	0.56	45.22
Hs.596214	15.46	31.84	0.49	chr6	N/A	2	608	48.40	60.74
SNHG5	265.01	545.77	0.49	chr6	6q14.3	20	688	50.23	108.14
ZNF180	11.97	24.66	0.49	chr19	19q13.2	21	463	38.78	61.10
RNF125	31.17	64.19	0.49	chr18	18q12.1	35	802	73.62	100.01
Hs.444208	8.48	17.46	0.49	chr5	N/A	7	73	37.28	42.58
KLHL33	5.43	11.17	0.49	chr14	14q11.2	2	16	55.26	39.80
CRCT1	101.20	208.45	0.49	chr1	1q21	37	554	176.02	306.97
Hs.370108	13.02	26.81	0.49	chr21	N/A	3	326	59.81	40.86
Hs.713767	100.60	207.21	0.49	chrX	N/A	10	28	57.29	80.42
P2RY12	7.70	15.87	0.49	chr3	3q24-q25	17	340	46.06	197.43
Hs.636839	8.95	18.45	0.49	chr11	N/A	2	608	50.80	43.87
Hs.543038	9.93	20.46	0.49	chr3	N/A	10	73	43.57	53.46
TMEM220	34.18	70.44	0.49	chr17	17p13.1	34	433	83.12	74.03
IPO9	39.79	82.01	0.49	chr1	1q32.1	51	1707	79.38	120.78
Hs.602233	4.85	10.01	0.49	chr13	N/A	7	73	86.51	75.60
IQGAP2	34.55	71.23	0.49	chr5	5q13.3	40	989	162.33	171.68
Hs.146933	21.66	44.64	0.49	chr5	N/A	10	73	137.05	104.48
PCDH10	11.40	23.50	0.49	chr4	4q28.3	47	905	71.00	106.08
Hs.666016	9.82	20.25	0.49	chr1	N/A	7	73	65.54	90.19

MASP2	17.13	35.31	0.49	chr1	1p36.3-p36.2	75	1700	95.57	153.33
Hs.733969	6.35	13.10	0.49	chr12	N/A	14	146	100.96	115.95
Hs.537585	7.05	14.53	0.48	chr1	N/A	10	73	52.57	67.18
Hs.517080	12.19	25.15	0.48	chr20	N/A	8	377	62.10	48.94
Hs.731809	12.70	26.19	0.48	chr4	N/A	17	101	47.89	63.36
Hs.55459	8.98	18.51	0.48	chr14	N/A	7	73	54.60	79.36
CEACAM4	23.98	49.45	0.48	chr19	19q13.2	30	569	105.37	82.87
Hs.657244	17.23	35.53	0.48	chr15	N/A	7	73	58.30	58.54
PPIL4	20.92	43.16	0.48	chr6	6q25.1	30	573	109.81	69.50
Hs.553127	9.55	19.71	0.48	chr6	N/A	10	73	67.34	70.94
SLC25A17	26.32	54.31	0.48	chr22	22q13.2	35	997	63.38	94.07
GNE	62.89	129.76	0.48	chr9	9p13.3	30	577	51.58	105.37
CLN8	24.11	49.74	0.48	chr8	8p23	94	2300	105.14	78.72
KCNAB3	14.42	29.76	0.48	chr17	17p13.1	24	520	80.01	53.19
Hs.569914	6.88	14.19	0.48	chr18	N/A	7	73	28.86	101.00
LOC100506406	8.29	17.11	0.48	chr5	N/A	21	405	79.97	69.55
Hs.600905	267.48	551.98	0.48	chr6	N/A	14	146	159.30	150.53
SH2D1A	11.02	22.74	0.48	chrX	Xq25	57	1893	119.14	273.77
Hs.736195	11.23	23.18	0.48	chr9	N/A	1	304	0.00	61.83
Hs.534396	9.70	20.01	0.48	chr12	N/A	7	73	50.24	69.08
ZNF26	26.02	53.71	0.48	chr12	12q24.33	60	1085	99.16	76.64
GNB3	21.55	44.49	0.48	chr12	12p13	29	621	85.10	79.18
SNX7	51.56	106.44	0.48	chr1	1p21.3	39	577	91.06	78.33
Hs.46772	5.20	10.74	0.48	chr5	N/A	3	66	69.05	79.92
HMX3	9.38	19.36	0.48	chr10	10q26.13	5	52	50.80	80.98
Hs.744235	34.43	71.10	0.48	chr1	N/A	7	73	47.82	57.50
CDK5RAP1	49.16	101.53	0.48	chr20	20q11.21	39	601	90.50	72.54
Hs.710358	10.41	21.51	0.48	chr17	N/A	8	377	39.53	97.84
TMEM206	25.88	53.44	0.48	chr1	1q32.3	29	837	66.39	146.09
C1orf216	48.18	99.52	0.48	chr1	1p34.3	30	563	86.98	104.27
Hs.528854	22.25	45.95	0.48	chr2	N/A	17	168	70.51	64.03
Hs.603924	6.64	13.71	0.48	chr3	N/A	7	73	37.71	92.80
ATCAY	33.26	68.71	0.48	chr19	19p13.3	46	533	140.21	140.87
CBWD5	158.57	327.59	0.48	chr9	9q21.11	45	624	86.29	60.74
EDC3	31.46	65.00	0.48	chr15	15q24.1	64	1027	94.60	89.66
Hs.544660	4.68	9.67	0.48	chr6	N/A	2	22	22.72	79.31
INTS6	28.89	59.70	0.48	chr13	13q14.3	74	1819	110.02	113.74
SNHG6	492.82	1,018.41	0.48	chr8	8q13	8	377	78.92	50.98
DOT1L	17.32	35.78	0.48	chr19	19p13.3	59	1479	79.50	191.33
SMIM21	4.62	9.55	0.48	chr18	18q23	7	630	30.92	92.84
TCF7L1	47.79	98.77	0.48	chr2	2p11.2	35	611	104.48	79.67
Hs.664728	23.96	49.52	0.48	chr14	N/A	7	73	48.79	63.03
MIR155HG	9.33	19.30	0.48	chr21	N/A	25	478	77.40	142.21
EIF4E	36.43	75.31	0.48	chr4	4q21-q25	105	1887	119.44	94.09
AMMECR1L	45.30	93.65	0.48	chr2	2q21	43	570	89.18	67.10
Hs.87950	18.10	37.42	0.48	chr2	N/A	4	304	61.37	50.79
Hs.666488	8.14	16.83	0.48	chr2	N/A	8	377	46.94	103.05
LOC100996578	18.91	39.10	0.48	chr11	N/A	19	709	86.02	54.58
Hs.445843	15.28	31.60	0.48	chr2	N/A	11	377	85.83	94.27
Hs.661704	14.59	30.18	0.48	chr6	N/A	8	377	57.79	56.67
ZNF767	38.24	79.08	0.48	chr7	7q36.1	13	436	61.05	40.34
Hs.525094	7.07	14.62	0.48	chr11	N/A	7	73	28.17	71.36
CA9	21.76	45.01	0.48	chr9	9p13.3	30	567	77.17	163.23
PYCR1	44.24	91.50	0.48	chr17	17q25.3	44	583	106.82	79.53
Hs.610098	4.17	8.63	0.48	chr10	N/A	1	304	0.00	61.60
XCL2	9.99	20.67	0.48	chr1	1q24.2	34	664	83.98	150.09
Hs.121749	8.67	17.93	0.48	chr12	N/A	6	326	35.18	68.01
Hs.443967	4.98	10.30	0.48	chr12	N/A	11	377	35.42	103.36
ABL1	54.17	112.08	0.48	chr9	9q34.1	134	1342	186.91	93.62
EIF4A3	166.06	343.57	0.48	chr17	17q25.3	28	550	69.36	45.94
CBL	38.38	79.41	0.48	chr11	11q23.3	71	2102	119.98	102.68
Hs.666419	16.78	34.73	0.48	chr6	N/A	1	304	0.00	47.90
ERVFC1-1	8.50	17.58	0.48	chr7	7q36.2	5	52	49.08	83.76
Hs.666485	7.90	16.34	0.48	chr14	N/A	7	73	42.29	115.83
Hs.593087	21.94	45.40	0.48	chr4	N/A	10	28	39.53	108.15
TRIB3	27.36	56.63	0.48	chr20	20p13-p12.2	32	803	90.84	104.04
FAT2	24.01	49.69	0.48	chr5	5q33.1	30	566	100.70	169.99
ATP6V1C2	67.12	138.93	0.48	chr2	N/A	55	1287	237.43	134.89
TIMP2	256.10	530.11	0.48	chr17	17q25	71	1545	160.89	134.11
SBK2	11.99	24.83	0.48	chr19	19q13.42	2	16	62.15	27.53
PPP2R2C	23.65	48.96	0.48	chr4	4p16.1	64	2160	83.74	234.68
TTF1	38.82	80.36	0.48	chr9	9q34.13	31	921	71.21	80.42
SRSF9	195.04	403.73	0.48	chr12	12q24.31	35	1014	101.37	47.43
SGK1	200.82	415.71	0.48	chr6	6q23	54	806	137.80	146.76
PAXBP1-AS1	8.67	17.95	0.48	chr21	N/A	18	405	72.56	61.79
Hs.675461	18.21	37.71	0.48	chr19	N/A	2	608	114.27	112.24
Hs.333079	5.11	10.57	0.48	chr13	N/A	7	73	54.55	94.77
POLR2J2	115.46	239.05	0.48	chr7	7q22.1	49	603	93.75	202.92
STAG2	90.35	187.08	0.48	chrX	Xq25	56	1445	258.02	88.65
Hs.604104	5.51	11.41	0.48	chr18	N/A	2	608	8.16	105.06
SWT1	22.99	47.62	0.48	chr1	1q25	26	461	54.18	89.01
Hs.601583	10.90	22.57	0.48	chr12	N/A	7	73	115.06	55.10
YOD1	29.90	61.92	0.48	chr1	1q32.2	51	933	132.49	223.77
Hs.667134	6.31	13.08	0.48	chr16	N/A	7	73	64.00	93.85
IGHM	48.23	99.89	0.48	chr14	14q32.33	7	472	86.77	217.67
SEMA6D	20.34	42.13	0.48	chr15	15q21.1	75	1985	148.48	106.22
RPS15A	674.10	1,396.46	0.48	chr16	16p	79	1077	99.31	110.01
Hs.519771	8.99	18.63	0.48	chr5	N/A	1	304	0.00	56.96
RAB11A	118.79	246.10	0.48	chr15	15q22.31	67	1548	140.46	115.62
Hs.544791	13.95	28.91	0.48	chr7	N/A	10	73	48.50	101.90
Hs.715903	10.21	21.16	0.48	chr12	N/A	14	146	103.39	117.30
RGMB	41.34	85.66	0.48	chr5	5q15	44	1097	102.39	99.64
MGC57346	17.07	35.37	0.48	chr17	17q21.31	32	793	146.93	76.04

Hs.722249	17.93	37.16	0.48	chr1	N/A	7	73	112.30	76.78
PRKCD	48.13	99.73	0.48	chr3	3p21.31	70	910	96.89	123.96
Hs.667621	10.24	21.22	0.48	chr8	N/A	2	22	4.26	49.18
FAM199X	36.67	75.99	0.48	chrX	Xq22.2	54	1258	219.11	90.45
Hs.656897	4.42	9.15	0.48	chr10	N/A	1	304	0.00	88.48
EFCAB11	15.04	31.17	0.48	chr14	14q32.11	48	1019	78.07	187.55
RAB30	18.02	37.35	0.48	chr11	11q12-q14	41	1286	85.92	62.40
ZNF554	16.49	34.18	0.48	chr19	19p13.3	20	700	53.81	90.40
SQRDL	110.75	229.53	0.48	chr15	15q15	35	599	86.99	96.03
Hs.634052	46.80	97.01	0.48	chr10	N/A	1	304	0.00	51.45
Hs.61312	13.20	27.36	0.48	chr16	N/A	7	73	68.18	81.52
PLSCR2	8.14	16.86	0.48	chr3	3q24	24	521	78.31	138.87
GOSR1	45.18	93.66	0.48	chr17	17q11	70	1938	94.57	84.29
SMCHD1	27.40	56.80	0.48	chr18	18p11.32	78	2664	110.64	91.16
PDGFRL	47.43	98.34	0.48	chr8	8p22-p21.3	42	696	83.74	114.45
Hs.571064	8.79	18.23	0.48	chr6	N/A	7	73	27.04	94.75
Hs.615348	4.28	8.87	0.48	chr15	N/A	1	304	0.00	48.72
RAB11FIP2	41.33	85.69	0.48	chr10	10q26.11	55	1093	104.87	70.78
DOM3Z	39.09	81.04	0.48	chr6	6p21.3	45	1468	88.98	87.12
ZNF280B	16.21	33.62	0.48	chr22	22q11.22	46	1317	64.87	150.30
OSTC	158.08	327.86	0.48	chr4	4q25	34	490	99.13	58.03
Hs.571852	6.53	13.55	0.48	chr1	N/A	8	377	48.77	58.43
C8orf31	12.79	26.52	0.48	chr8	8q24.3	24	415	47.49	61.44
VAMP3	133.48	276.86	0.48	chr1	1p36.23	52	1496	92.32	95.09
Hs.599865	44.36	92.02	0.48	chr12	N/A	7	73	38.80	74.36
PDZK1	17.91	37.16	0.48	chr1	1q21	32	509	179.89	281.11
Hs.133890	8.82	18.29	0.48	chr11	N/A	7	73	90.94	74.36
C1S	342.92	711.39	0.48	chr12	12p13	36	932	90.57	141.45
Hs.660252	6.05	12.54	0.48	chr9	N/A	7	73	48.12	79.17
PROK2	22.42	46.52	0.48	chr3	3p13	19	386	117.64	549.96
Hs.662144	24.40	50.63	0.48	chr3	N/A	2	608	68.42	54.16
CAB39L	32.82	68.11	0.48	chr13	13q14.2	52	1303	112.23	105.06
LAMA3	17.09	35.47	0.48	chr18	18q11.2	75	2319	146.98	147.31
Hs.713206	110.68	229.69	0.48	chr2	N/A	7	73	91.63	68.78
Hs.669256	6.23	12.93	0.48	chr13	N/A	1	304	0.00	51.52
ZNF581	42.43	88.08	0.48	chr19	19q13.42	17	344	128.50	57.63
Hs.658879	5.09	10.57	0.48	chr2	N/A	5	51	39.09	71.33
ADCYAP1R1	18.45	38.30	0.48	chr7	7p14	31	870	66.34	127.05
PIEZO2	13.48	27.99	0.48	chr18	18p11.22	70	2480	120.14	135.26
PMS1	24.23	50.31	0.48	chr2	2q31.1	60	1376	100.56	142.19
ZC2HC1A	31.60	65.61	0.48	chr8	8q21.12	46	1235	137.42	119.56
LOC100507308	7.02	14.58	0.48	chr6	6q23	17	101	80.31	102.80
RAB19	34.37	71.37	0.48	chr7	7q34	7	104	124.01	94.29
FCGR1B	18.05	37.48	0.48	chr1	1p11.2	21	448	64.47	97.38
KDELC2	45.31	94.09	0.48	chr11	11q22.3	26	463	140.77	64.38
Hs.668128	5.92	12.29	0.48	chr6	N/A	2	22	32.80	71.16
LIMD1	27.90	57.93	0.48	chr3	3p21.3	36	1878	139.86	133.61
NAAA	38.30	79.53	0.48	chr4	4q21.1	64	1448	80.14	77.08
FAM26F	18.82	39.10	0.48	chr6	6q22.1	27	1685	131.68	293.29
GABPB1	20.84	43.29	0.48	chr15	15q21.2	50	1065	92.78	78.68
ZNF473	19.70	40.92	0.48	chr19	19q13.33	58	1082	101.61	132.88
Hs.552820	19.32	40.14	0.48	chr1	N/A	3	326	76.28	42.69
TTC7A	24.56	51.02	0.48	chr2	2p21	62	1670	98.78	83.30
VGf	25.50	52.99	0.48	chr7	7q22.1	23	497	104.47	86.40
MGAT4B	57.12	118.68	0.48	chr5	5q35	34	840	107.22	91.29
Hs.663131	19.33	40.18	0.48	chr19	N/A	8	377	77.29	47.46
DUSP11	67.78	140.84	0.48	chr2	2p13.1	33	576	111.28	58.90
KMO	17.10	35.55	0.48	chr1	1q42-q44	67	1543	83.41	163.54
PCSK1	13.95	28.99	0.48	chr5	5q15-q21	51	613	127.96	198.22
Hs.613775	15.20	31.59	0.48	chr9	N/A	5	420	17.55	85.57
IMPDH2	192.81	400.79	0.48	chr3	3p21.2	30	589	104.90	74.17
HRH3	17.76	36.93	0.48	chr20	20q13.33	38	1521	97.12	96.83
Hs.554431	20.46	42.53	0.48	chr17	N/A	10	73	84.97	74.64
C17orf66	7.35	15.28	0.48	chr17	17q12	24	397	55.67	98.74
KDMSB-AS1	13.68	28.44	0.48	chr1	N/A	11	697	112.08	240.34
Hs.537965	7.30	15.18	0.48	chr1	N/A	7	73	52.67	77.82
Hs.325396	7.83	16.27	0.48	chr1	N/A	7	73	51.45	92.70
USP20	29.09	60.48	0.48	chr9	9q34.11	33	573	73.94	61.20
Hs.602789	32.94	68.49	0.48	chr1	N/A	7	73	44.94	60.82
Hs.708573	23.02	47.87	0.48	chr5	N/A	7	73	65.85	118.09
IGSF9	14.19	29.50	0.48	chr1	1q22-q23	26	461	40.04	89.54
B2M	1,249.46	2,598.10	0.48	chr15	15q21-q22.2	80	1640	143.48	91.72
RPRD2	47.94	99.69	0.48	chr1	1q21.3	41	1293	98.02	91.08
KIAA1161	15.58	32.40	0.48	chr9	9p13.3	48	992	170.06	141.32
FHAD1	18.12	37.67	0.48	chr1	1p36.21	32	2002	270.38	171.74
Hs.559708	5.57	11.59	0.48	chr1	N/A	4	304	19.65	63.40
Hs.668164	6.37	13.26	0.48	chr17	N/A	2	22	55.40	59.23
C17orf62	41.85	87.03	0.48	chr17	17q25.3	28	521	87.32	78.73
AGO4	20.03	41.65	0.48	chr1	1p34	55	1619	92.75	105.72
Hs.732510	21.47	44.65	0.48	chr2	N/A	5	51	83.19	455.31
C17orf105	8.76	18.23	0.48	chr17	17q21.31	11	332	28.92	342.81
Hs.146597	5.17	10.75	0.48	chr10	N/A	7	73	26.96	92.65
GFRAL	6.46	13.43	0.48	chr6	6p12.1	26	101	82.37	93.77
LY6H	18.06	37.57	0.48	chr8	8q24.3	37	547	92.77	196.78
Hs.724823	7.99	16.61	0.48	chr12	N/A	7	73	47.35	81.34
STK35	29.85	62.09	0.48	chr20	20p13	42	1742	126.70	115.40
Hs.666863	40.93	85.14	0.48	chr2	N/A	14	146	107.13	103.33
GORASP2	93.18	193.85	0.48	chr2	2q31.1	62	1507	106.28	50.33
CSK	84.26	175.28	0.48	chr15	15q24.1	38	579	121.88	114.85
Hs.131275	8.05	16.74	0.48	chr11	N/A	10	73	76.14	124.35
Hs.145579	4.52	9.41	0.48	chr8	N/A	3	66	51.14	142.60
Hs.737245	21.51	44.75	0.48	chr7	N/A	1	304	0.00	45.92
GPR123	13.54	28.18	0.48	chr10	10q26	26	424	189.66	120.60

Hs.602807	8.36	17.39	0.48	chr15	N/A	7	73	43.34	67.57
Hs.430300	29.92	62.26	0.48	chr11	N/A	22	820	77.49	45.29
ZNF93	20.66	43.01	0.48	chr19	19p12	110	2530	130.10	109.95
Hs.595343	18.10	37.68	0.48	chr11	N/A	8	377	60.52	48.63
FAM149B1	12.00	24.97	0.48	chr10	10q22.2	37	1355	119.08	110.06
Hs.621964	2.88	6.00	0.48	chr17	N/A	10	28	46.70	54.04
ARHGEF38	17.39	36.20	0.48	chr4	4q24	21	452	127.16	97.43
Hs.659723	6.23	12.97	0.48	chr16	N/A	7	73	69.38	85.51
HNRNPA1	381.23	793.64	0.48	chr12	12q13.1	97	2909	123.25	128.68
TNFRSF21	53.21	110.79	0.48	chr6	6p21.1	52	1098	138.34	109.01
THY1	78.53	163.50	0.48	chr11	11q23.3	61	1633	107.91	144.55
Hs.444665	7.26	15.12	0.48	chr9	N/A	8	377	91.19	60.62
Hs.125549	22.12	46.05	0.48	chr12	N/A	8	377	105.01	57.90
HSPA1A	752.47	1,566.83	0.48	chr6	6p21.3	59	1144	123.03	102.43
Hs.456273	8.91	18.56	0.48	chr17	N/A	7	73	52.61	81.35
LOC100132099	27.71	57.72	0.48	chr13	13q32.3	10	28	46.53	129.99
SPACA7	5.81	12.10	0.48	chr13	13q34	24	406	56.88	261.66
PIFO	33.42	69.62	0.48	chr1	1p13.2	37	441	47.38	285.60
CENPL	11.15	23.22	0.48	chr1	1q25.1	34	801	110.39	94.50
AMIGO1	21.40	44.59	0.48	chr1	1p13.3	28	108	79.56	98.78
GJB7	14.31	29.82	0.48	chr6	6q15	25	153	58.13	96.08
DIDO1	32.88	68.52	0.48	chr20	20q13.33	113	2106	96.73	93.04
Hs.713103	275.41	573.90	0.48	chr1	N/A	7	73	73.05	141.35
PCED1B	30.27	63.08	0.48	chr12	12q13.11	19	403	66.32	103.89
AIM1L	17.19	35.84	0.48	chr1	1p36.11	67	1222	172.69	132.63
ZNF75A	41.25	85.99	0.48	chr16	16p13.3	39	1250	142.26	97.59
Hs.662329	6.55	13.65	0.48	chr5	N/A	7	73	40.36	69.39
MFSD6L	19.26	40.14	0.48	chr17	17p13.1	17	332	133.11	157.54
UEVLD	24.92	51.94	0.48	chr11	11p15.1	49	1190	79.06	68.81
NOS1	18.96	39.53	0.48	chr12	12q24.2-q24.3	80	2481	148.23	170.81
C2orf68	28.21	58.80	0.48	chr2	2p11.2	37	1339	98.32	89.47
PPP6R3	55.61	115.94	0.48	chr11	11q13	94	1590	159.88	84.84
Hs.544060	7.05	14.71	0.48	chr5	N/A	10	73	51.09	93.08
CHGA	94.70	197.45	0.48	chr14	14q32	30	579	239.89	378.68
Hs.389906	14.52	30.27	0.48	chr8	N/A	8	377	74.54	57.99
Hs.12876	48.52	101.17	0.48	chr6	N/A	11	377	63.40	325.99
MARCH1	12.16	25.36	0.48	chr4	4q32.2	75	1675	88.49	104.58
Hs.733471	4.60	9.60	0.48	chr20	N/A	1	304	0.00	61.98
TFPI2	21.47	44.78	0.48	chr7	7q22	45	1022	171.20	515.57
Hs.132322	5.75	12.00	0.48	chr1	N/A	7	73	54.52	86.20
Hs.612186	12.81	26.71	0.48	chr2	N/A	1	304	0.00	37.53
DIRAS2	12.41	25.88	0.48	chr9	9q22.2	44	907	207.95	205.36
Hs.659542	10.03	20.92	0.48	chr1	N/A	3	66	75.74	78.20
LHCGR	7.16	14.94	0.48	chr2	2p21	25	531	54.65	198.51
Hs.662849	16.06	33.51	0.48	chr8	N/A	7	73	116.62	62.92
Hs.592861	21.38	44.60	0.48	chr5	N/A	18	405	103.35	60.49
Hs.657489	2.80	5.84	0.48	chr12	N/A	1	304	0.00	90.53
Hs.663704	8.70	18.14	0.48	chr13	N/A	7	73	64.68	74.03
TRIM37	44.43	92.70	0.48	chr17	17q23.2	58	967	117.58	114.05
Hs.601110	6.98	14.57	0.48	chr13	N/A	7	73	35.87	73.23
C16orf70	22.90	47.79	0.48	chr16	16q22.1	49	881	80.06	95.82
DOC2A	11.34	23.67	0.48	chr16	16p11.2	33	577	102.92	82.11
LOC100509303	9.52	19.87	0.48	chr1	N/A	4	304	72.53	85.66
VPS26A	82.88	172.96	0.48	chr10	10q21.1	47	975	102.00	109.59
SLC26A10	22.02	45.97	0.48	chr12	12q13	39	520	65.84	60.55
Hs.666100	7.55	15.76	0.48	chr3	N/A	3	66	38.13	86.47
TIFAB	13.38	27.93	0.48	chr5	5q31.1	7	304	69.97	50.98
Hs.131227	4.67	9.76	0.48	chr3	N/A	7	73	28.60	110.45
GK2	22.03	45.99	0.48	chr4	4q13	30	561	102.31	296.61
POU2F1	25.86	53.99	0.48	chr1	1q24.2	86	1888	74.23	88.01
SH2B1	45.39	94.77	0.48	chr16	16p11.2	35	991	73.48	54.35
Hs.600673	9.04	18.87	0.48	chr18	N/A	18	414	69.06	89.09
LOC100294362	7.26	15.15	0.48	chr17	N/A	11	332	118.84	50.01
FOXD1	16.21	33.85	0.48	chr5	5q12-q13	47	1062	80.38	193.07
Hs.649263	16.81	35.10	0.48	chr5	N/A	7	73	89.87	504.79
BNIP3L	169.30	353.51	0.48	chr8	8p21	55	1098	120.38	80.09
Hs.733901	13.56	28.32	0.48	chr10	N/A	2	608	102.53	68.97
OBP2B	7.02	14.65	0.48	chr9	9q34	28	1084	170.79	83.32
LOC100289094	9.57	19.98	0.48	chr2	2q37.3	28	479	56.37	68.06
Hs.670248	4.70	9.80	0.48	chr17	N/A	1	304	0.00	68.27
Hs.560028	4.32	9.03	0.48	chr12	N/A	7	73	39.27	162.11
HOXD11	12.12	25.31	0.48	chr2	2q31.1	28	526	103.81	86.97
SLC35C1	41.23	86.11	0.48	chr11	11p11.2	29	837	62.56	78.07
LOC100130691	9.53	19.90	0.48	chr2	2q31.2	34	445	54.45	69.96
LOC100996673	13.04	27.24	0.48	chr20	N/A	14	146	61.66	60.72
ERC2	12.85	26.84	0.48	chr3	3p14.3	43	592	136.26	151.05
LOC285889	2.89	6.04	0.48	chr7	7q36.3	1	304	0.00	67.54
MINPP1	27.30	57.01	0.48	chr10	10q23	30	577	68.81	95.66
Hs.720176	14.38	30.03	0.48	chr3	N/A	8	377	40.70	52.46
Hs.734366	6.68	13.94	0.48	chr18	N/A	2	22	3.40	73.27
TMEM249	9.61	20.07	0.48	chr8	8q24.3	28	152	63.40	88.94
Hs.656540	22.57	47.15	0.48	chr16	N/A	2	16	39.32	38.94
Hs.665781	20.91	43.68	0.48	chr2	N/A	1	304	0.00	47.76
RAB10	242.84	507.34	0.48	chr2	2p23.3	30	728	134.17	78.12
NAE1	84.27	176.06	0.48	chr16	16q22	36	577	75.41	55.81
STK38	29.28	61.18	0.48	chr6	6p21	86	2458	116.24	145.82
ERP44	68.85	143.85	0.48	chr9	9q31.1	65	1109	124.05	80.08
Hs.639300	7.07	14.77	0.48	chr11	N/A	10	28	88.47	54.20
Hs.648103	16.82	35.14	0.48	chr7	N/A	4	304	26.80	36.95
CARD17	14.95	31.24	0.48	chr11	11q22.3	16	28	51.90	56.78
GSTA4	96.45	201.54	0.48	chr6	6p12.1	52	1100	225.85	152.34
VSTM4	15.13	31.61	0.48	chr10	10q11.23	83	2288	90.03	93.60
Hs.603730	4.12	8.61	0.48	chr18	N/A	2	22	55.59	63.59

SHISA6	18.58	38.83	0.48	chr17	17p12	30	405	99.89	162.18
LOC645984	4.20	8.77	0.48	chr10	10p11.23	11	332	72.25	71.66
SLC25A37	48.43	101.21	0.48	chr8	8p21.2	128	3759	151.69	202.53
FLVCR1-AS1	18.10	37.82	0.48	chr1	1q32.3	18	405	45.03	60.16
LOC100506700	9.82	20.52	0.48	chr14	N/A	7	73	75.68	137.60
Hs.134779	5.51	11.53	0.48	chr7	N/A	7	73	67.23	89.33
LOC100507461	6.81	14.23	0.48	chr3	N/A	8	377	55.28	124.98
SIT1	19.24	40.23	0.48	chr9	9p13-p12	23	503	91.28	143.41
Hs.561747	28.61	59.82	0.48	chr7	N/A	7	370	75.10	118.16
MARVELD3	13.85	28.96	0.48	chr16	16q22.2	62	1337	96.11	91.57
Hs.667332	7.80	16.31	0.48	chr3	N/A	2	22	3.56	128.11
ALOX12B	12.60	26.35	0.48	chr17	17p13.1	23	496	53.28	234.48
DDX60L	20.65	43.19	0.48	chr4	4q32.3	29	743	77.70	384.18
SUCO	59.28	124.01	0.48	chr1	1q24	33	577	89.37	68.29
Hs.594292	15.96	33.39	0.48	chr5	N/A	7	73	55.36	89.85
SMARCE1	76.64	160.37	0.48	chr17	17q21.2	53	1411	113.53	92.77
Hs.732232	57.11	119.51	0.48	chr13	N/A	1	304	0.00	50.93
Hs.539412	13.90	29.08	0.48	chr12	N/A	7	73	56.73	67.87
GLYATL1	19.79	41.42	0.48	chr11	11q12.1	28	1069	206.14	231.20
Hs.733439	9.91	20.74	0.48	chr1	N/A	7	73	48.87	105.15
SLC28A2	12.39	25.94	0.48	chr15	15q15	28	913	142.07	160.19
HTRA4	18.20	38.10	0.48	chr5	5q31-q33	56	1439	97.22	220.58
ABHD17A	141.39	295.95	0.48	chr19	19p13.3	64	572	113.01	58.45
Hs.134215	7.58	15.88	0.48	chr6	N/A	14	332	28.95	90.98
ZSWIM3	22.96	48.08	0.48	chr20	20q13.12	34	469	134.91	68.87
Hs.567425	12.11	25.35	0.48	chr13	N/A	10	139	62.16	499.97
CCDC68	15.89	33.28	0.48	chr18	18q21	38	602	71.80	136.69
TTC25	16.80	35.17	0.48	chr17	17q21.2	17	339	63.99	172.04
NOD1	33.46	70.06	0.48	chr7	7p15-p14	38	930	117.75	84.28
Hs.115881	8.58	17.97	0.48	chr12	N/A	5	22	44.92	57.17
GLI1	18.45	38.65	0.48	chr12	12q13.2-q13.3	37	644	101.27	93.74
Hs.663995	9.67	20.26	0.48	chr7	N/A	7	73	72.45	73.55
GABBR2	20.10	42.09	0.48	chr9	9q22.1-q22.3	50	1880	181.57	186.97
RBBP8	49.55	103.77	0.48	chr18	18q11.2	36	577	125.99	68.56
CMPK2	25.97	54.39	0.48	chr2	2p25.2	23	469	50.09	84.19
Hs.604339	3.53	7.40	0.48	chr4	N/A	7	73	58.38	90.51
APOBEC3D	17.07	35.76	0.48	chr22	22q13.1	26	410	153.58	49.51
LRP1	52.41	109.78	0.48	chr12	12q13.3	55	1749	80.69	155.95
Hs.697400	4.52	9.47	0.48	chr19	N/A	2	22	35.16	53.70
Hs.636361	7.17	15.02	0.48	chr11	N/A	2	22	81.47	62.72
AP1G1	53.26	111.58	0.48	chr16	16q23	69	1387	103.48	107.66
FTSJ1	37.28	78.12	0.48	chrX	Xp11.23	58	1098	83.94	59.96
TRAPPC6B	36.19	75.83	0.48	chr14	14q21.1	44	516	139.80	86.72
Hs.540169	5.27	11.04	0.48	chr15	N/A	7	73	49.16	82.16
GPA33	25.48	53.40	0.48	chr1	1q24.1	59	796	99.37	204.35
SLC7A3	21.51	45.08	0.48	chrX	Xq13.1	19	385	143.11	121.99
Hs.436359	16.78	35.16	0.48	chr5	N/A	10	28	28.73	67.47
Hs.713983	68.02	142.55	0.48	chr2	N/A	8	377	102.92	56.34
C19orf80	14.82	31.05	0.48	chr19	19p13.2	21	460	84.35	278.98
Hs.557142	5.09	10.67	0.48	chr13	N/A	11	377	69.19	188.63
PLLP	38.87	81.47	0.48	chr16	16q13	40	1036	75.57	175.31
C6orf70	41.29	86.55	0.48	chr6	6q27	35	525	43.75	60.92
Hs.659743	14.46	30.31	0.48	chr2	N/A	3	66	68.35	50.91
SEC24A	27.72	58.10	0.48	chr5	5q31.1	69	1588	93.08	102.49
HDAC6	39.51	82.82	0.48	chrX	Xp11.23	50	1447	154.16	117.33
Hs.603677	9.72	20.38	0.48	chr9	N/A	2	22	63.96	57.56
GPRC5D	27.04	56.69	0.48	chr12	12p13.3	21	460	109.13	88.47
Hs.572729	10.06	21.08	0.48	chr2	N/A	2	22	41.31	64.21
Hs.603206	28.82	60.43	0.48	chr9	N/A	2	22	27.59	116.49
TLR5	34.40	72.13	0.48	chr1	1q41-q42	35	588	153.13	64.79
AP2A2	64.96	136.20	0.48	chr11	11p15.5	71	2013	88.96	63.68
Hs.98155	9.96	20.87	0.48	chr4	N/A	7	73	49.14	97.37
RHNO1	22.49	47.16	0.48	chr12	12p13.33	42	852	105.69	64.08
AKAP12	101.20	212.20	0.48	chr6	6q24-q25	70	1922	152.31	188.78
Hs.553156	20.08	42.11	0.48	chr6	N/A	10	73	50.59	99.99
CLDN18	20.52	43.03	0.48	chr3	3q22.3	64	1859	122.72	458.59
FOSL2	40.72	85.41	0.48	chr2	2p23.3	99	2085	161.53	135.22
Hs.666074	8.29	17.38	0.48	chr8	N/A	7	73	69.80	90.85
IL17D	38.13	79.99	0.48	chr13	13q11	33	542	124.31	183.58
PPIL2	27.51	57.72	0.48	chr22	22q11.21	92	3063	102.78	90.60
MORF4L2-AS1	15.38	32.28	0.48	chrX	Xq22.2	11	377	70.76	41.47
Hs.659545	4.60	9.65	0.48	chr7	N/A	1	304	0.00	66.18
FAM186B	16.31	34.24	0.48	chr12	12q13.12	17	332	68.64	136.25
Hs.597760	21.57	45.27	0.48	chr14	N/A	7	73	54.97	59.83
ITGA10	37.67	79.06	0.48	chr1	1q21	30	577	91.15	85.36
CEACAM16	9.18	19.27	0.48	chr19	19q13.32	5	52	57.80	91.90
C3orf65	6.24	13.10	0.48	chr3	3q27.2	10	1216	53.24	78.81
Hs.596558	25.03	52.53	0.48	chr11	N/A	7	73	102.87	72.90
AP1G2	39.52	82.97	0.48	chr14	14q11.2	59	1239	147.76	164.45
TRIL	29.86	62.67	0.48	chr7	7p14.3	35	940	89.16	110.11
Hs.732864	15.81	33.19	0.48	chr2	N/A	7	73	90.75	62.90
CCDC176	23.90	50.17	0.48	chr14	14q24.3	43	1029	84.54	122.80
Hs.677036	11.44	24.02	0.48	chr1	N/A	1	304	0.00	71.42
Hs.597233	15.97	33.54	0.48	chr10	N/A	7	73	84.35	52.38
PCYT1B	13.10	27.51	0.48	chrX	Xp22.11	50	1400	105.35	452.65
ATG4B	46.77	98.21	0.48	chr2	2q37.3	53	1431	61.69	59.01
C9orf153	5.96	12.52	0.48	chr9	9q21.33	15	50	91.03	87.42
SPANXC	21.49	45.12	0.48	chrX	Xq27.1	14	425	163.60	154.98
SLIT1	20.01	42.01	0.48	chr10	10q23.3-q24	52	1086	103.13	129.56
MYOC	48.13	101.06	0.48	chr1	1q23-q24	38	623	79.13	195.13
PSMA8	6.85	14.38	0.48	chr18	18q11.2	27	471	86.86	188.41
METTL2A	52.10	109.42	0.48	chr17	17q23.2	27	429	109.71	46.66
Hs.653257	8.86	18.61	0.48	chr6	N/A	7	73	102.54	96.04

Hs.666858	8.87	18.64	0.48	chr17	N/A	14	146	92.41	124.51
Hs.658039	7.54	15.85	0.48	chr8	N/A	9	112	63.17	90.44
LRR1Q3	6.92	14.55	0.48	chr1	1p31.1	36	828	50.87	134.01
TRAV12-2	8.70	18.27	0.48	chr14	14q11	15	448	145.98	80.49
SLC10A1	31.40	65.97	0.48	chr14	14q24.1	30	573	156.61	233.56
FNDC9	15.94	33.50	0.48	chr5	5q33.3	19	385	158.99	115.68
CRIPAK	52.81	110.99	0.48	chr4	4p16.3	25	721	59.86	95.42
LSM11	10.70	22.49	0.48	chr5	5q33.3	30	716	86.48	60.47
CORO1C	72.77	152.96	0.48	chr12	12q24.1	52	1004	90.45	73.11
EPHA2	40.19	84.47	0.48	chr1	1p36	45	663	82.97	130.47
SLC38A11	17.17	36.09	0.48	chr2	2q24.3	37	634	111.30	94.44
CALM2	1,252.63	2,633.06	0.48	chr2	2p21	38	583	149.09	74.89
DENND4C	40.56	85.26	0.48	chr9	9p22.1	61	1620	113.74	105.25
GDF2	19.73	41.47	0.48	chr10	10q11.22	21	459	102.26	90.99
FAM220A	81.64	171.63	0.48	chr7	7p22.1	29	462	119.92	121.45
SLC26A4-AS1	6.69	14.07	0.48	chr7	7q22.3	11	343	27.13	298.30
Hs.594911	8.25	17.34	0.48	chr3	N/A	1	304	0.00	46.44
Hs.664464	9.17	19.29	0.48	chr13	N/A	7	73	124.69	67.52
MZF1	34.73	73.03	0.48	chr19	19q13.4	55	1898	125.85	71.98
Hs.132416	8.28	17.41	0.48	chr3	N/A	5	22	97.57	67.79
CDKN1B	101.01	212.44	0.48	chr12	12p13.1-p12	72	900	101.07	77.11
Hs.567627	17.33	36.44	0.48	chr2	N/A	7	73	68.70	77.89
Hs.129334	8.54	17.95	0.48	chrX	N/A	10	73	39.40	111.26
Hs.666593	12.09	25.43	0.48	chr18	N/A	1	304	0.00	47.48
Hs.719349	17.44	36.69	0.48	chrX	N/A	7	73	57.80	73.86
ICAM1	39.46	83.01	0.48	chr19	19p13.3-p13.2	53	1536	66.32	144.31
TMEM54	47.94	100.84	0.48	chr1	1p35-p34	33	548	108.26	104.84
Hs.601024	109.11	229.53	0.48	chr12	N/A	7	73	76.13	56.91
SCYL3	21.96	46.20	0.48	chr1	1q24.2	36	954	60.73	51.63
MMP24	19.36	40.72	0.48	chr20	20q11.2	47	1478	103.58	85.99
OCSTAMP	27.67	58.21	0.48	chr20	20q13.12	5	52	121.75	55.83
TMEM132D	12.21	25.68	0.48	chr12	12q24.33	23	458	92.88	54.33
VAT1L	53.36	112.27	0.48	chr16	16q23.1	26	468	67.37	195.77
PANK3	46.16	97.12	0.48	chr5	5q34	75	1267	207.18	104.77
KIAA1755	15.55	32.72	0.48	chr20	20q11.23	34	1104	146.14	107.07
Hs.736457	6.61	13.90	0.48	chr14	N/A	5	51	54.91	78.12
C11orf70	14.51	30.54	0.48	chr11	11q22.1	30	773	72.18	218.95
Hs.562147	13.44	28.28	0.48	chr1	N/A	10	28	25.19	44.62
Hs.602776	7.23	15.22	0.48	chr7	N/A	7	73	35.45	216.21
LOC100507071	11.83	24.89	0.48	chr8	N/A	7	73	98.68	77.91
Hs.656254	9.25	19.47	0.48	chr22	N/A	7	73	55.47	63.99
TSSK2	17.37	36.56	0.48	chr22	22q11.21	30	564	113.25	337.32
TCL1A	33.95	71.47	0.48	chr14	14q32.1	35	992	79.95	178.62
MMD2	17.88	37.64	0.48	chr7	7p22.1	27	761	231.83	94.66
SLC6A1	31.83	67.00	0.48	chr3	3p25.3	49	672	176.57	208.38
ANKZF1	27.03	56.90	0.48	chr2	2q35	34	530	80.20	79.94
Hs.594418	10.14	21.35	0.48	chr14	N/A	10	28	37.08	55.41
Hs.662698	12.83	27.00	0.47	chr6	N/A	8	377	38.08	60.76
LOC100506990	28.96	60.96	0.47	chr8	8p23.1	38	470	186.40	63.66
TRANK1	30.84	64.94	0.47	chr3	3p22.2	39	655	95.82	69.69
Hs.666083	19.88	41.86	0.47	chr9	N/A	7	73	77.05	61.79
ZNF423	32.02	67.42	0.47	chr16	16q12	33	561	95.98	86.31
Hs.660005	9.21	19.40	0.47	chr1	N/A	7	73	120.42	82.21
Hs.22689	38.92	81.96	0.47	chr2	N/A	17	526	117.15	74.73
Hs.479129	4.24	8.93	0.47	chr4	N/A	7	73	50.28	81.60
TRAT1	9.40	19.79	0.47	chr3	3q13	31	538	79.81	314.91
SLC20A1	71.07	149.68	0.47	chr2	2q13	40	931	122.42	97.13
Hs.60371	10.27	21.63	0.47	chr11	N/A	11	377	53.66	90.11
KLRC1	10.77	22.69	0.47	chr12	12p13	43	215	69.33	67.83
NKX6-2	14.13	29.78	0.47	chr10	10q26	19	388	183.24	256.80
Hs.732268	18.51	39.01	0.47	chr2	N/A	14	532	69.14	116.04
Hs.659938	11.49	24.22	0.47	chr10	N/A	7	73	57.07	106.86
GCNT7	16.71	35.22	0.47	chr20	20q13.2	2	608	98.79	93.43
B4GALNT3	15.81	33.33	0.47	chr12	12p13.33	52	1225	171.01	90.29
SEC14L4	14.09	29.70	0.47	chr22	22q12.2	29	842	106.87	135.87
Hs.147592	6.45	13.59	0.47	chr18	N/A	2	22	39.97	87.38
POLR1A	19.83	41.80	0.47	chr2	2p11.2	26	458	144.16	43.85
Hs.661798	20.43	43.07	0.47	chr3	N/A	2	22	87.70	92.24
Hs.633058	12.28	25.88	0.47	chr13	N/A	7	73	63.46	65.31
EPSTH1	29.98	63.21	0.47	chr13	13q13.3	37	801	130.79	142.31
Hs.600574	21.56	45.47	0.47	chr7	N/A	7	73	60.08	90.23
Hs.664700	4.69	9.89	0.47	chr6	N/A	7	73	53.95	70.91
LOC727982	7.32	15.43	0.47	chr2	2p25.2	19	123	73.70	136.37
Hs.559139	12.37	26.08	0.47	chr10	N/A	11	377	103.20	58.37
FNDC8	27.21	57.37	0.47	chr17	17q12	28	521	194.46	427.38
Hs.721160	27.68	58.38	0.47	chr1	N/A	1	304	0.00	34.22
Hs.656026	4.82	10.16	0.47	chr11	N/A	1	304	0.00	62.19
Hs.603854	26.54	55.99	0.47	chr10	N/A	7	73	52.17	171.90
TMEM60	72.21	152.35	0.47	chr7	7q11.23	17	344	104.94	38.77
ITGAE	95.97	202.48	0.47	chr17	17p13	30	577	68.53	57.83
SASS6	14.56	30.72	0.47	chr1	1p21.2	22	384	110.42	62.15
Hs.720038	14.72	31.07	0.47	chr2	N/A	25	478	90.44	47.61
DOCK2	22.48	47.43	0.47	chr5	5q35.1	55	1050	131.65	273.89
Hs.652958	18.83	39.74	0.47	chr2	N/A	1	304	0.00	75.32
UBE4A	122.96	259.47	0.47	chr11	11q23.3	23	516	60.37	45.90
SP6	19.90	42.00	0.47	chr17	17q21.32	16	429	54.77	75.17
Hs.666842	20.34	42.92	0.47	chr11	N/A	2	16	87.64	33.36
Hs.733997	14.87	31.39	0.47	chr6	N/A	14	146	67.51	114.96
LEMD1	14.93	31.51	0.47	chr1	1q32.1	21	406	189.36	238.94
Hs.602913	10.12	21.35	0.47	chr17	N/A	7	73	43.73	158.46
KIAA1430	30.52	64.42	0.47	chr4	4q35.1	47	1458	125.01	161.83
HNRNPR	124.02	261.79	0.47	chr1	1p36.12	70	1512	125.51	91.82
SMIM10	15.90	33.57	0.47	chrX	Xq26.3	23	474	88.03	122.17

Hs.651544	33.37	70.45	0.47	chr11	N/A	7	73	62.76	132.81
Hs.675159	3.44	7.26	0.47	chr11	N/A	1	304	0.00	81.12
Hs.656295	19.26	40.66	0.47	chr4	N/A	5	342	70.58	72.38
Hs.664774	7.29	15.39	0.47	chr10	N/A	7	73	51.25	75.36
Hs.127887	16.23	34.27	0.47	chr19	N/A	3	326	139.41	39.89
Hs.634276	41.50	87.63	0.47	chr6	N/A	5	420	60.43	69.89
Hs.656403	23.12	48.83	0.47	chr3	N/A	2	22	60.75	99.06
KCNJ6	9.52	20.11	0.47	chr21	21q22.1	34	642	78.15	92.27
Hs.601492	9.47	19.99	0.47	chr1	N/A	7	73	48.05	137.44
DCDC1	5.34	11.28	0.47	chr11	11p13	18	90	59.91	81.82
PALM2-AKAP2	8.71	18.40	0.47	chr9	9q31.3	7	73	31.80	106.89
LOC100506699	8.06	17.02	0.47	chr7	N/A	17	487	74.64	54.33
RPS23	1,103.47	2,330.73	0.47	chr5	5q14.2	50	982	98.44	95.38
C2CD2	68.89	145.52	0.47	chr21	21q22.3	43	600	205.30	116.54
PLEKHM3	25.45	53.75	0.47	chr2	2q33.3	42	765	85.13	68.43
Hs.657210	9.40	19.86	0.47	chr10	N/A	2	16	65.75	61.59
Hs.661959	14.62	30.88	0.47	chr10	N/A	1	304	0.00	68.77
Hs.634750	11.18	23.62	0.47	chr20	N/A	7	73	59.18	65.38
Hs.657708	10.88	22.98	0.47	chr5	N/A	7	73	46.41	79.80
Hs.531315	7.88	16.65	0.47	chr2	N/A	10	73	64.41	97.74
Hs.600927	6.10	12.89	0.47	chr8	N/A	7	73	58.86	71.47
MIA3	30.04	63.47	0.47	chr1	1q41	67	1717	109.99	83.85
Hs.62953	27.51	58.14	0.47	chr8	N/A	11	377	99.92	53.61
Hs.444193	16.52	34.92	0.47	chr1	N/A	7	73	66.48	235.79
Hs.637627	14.67	30.99	0.47	chr1	N/A	11	332	49.64	65.01
Hs.633688	573.93	1,212.88	0.47	chr10	N/A	7	73	67.25	87.70
NUTM2A	22.25	47.03	0.47	chr10	10q23.2	28	354	86.74	56.02
Hs.733602	7.82	16.53	0.47	chr12	N/A	10	73	40.91	87.15
Hs.658568	38.46	81.31	0.47	chr12	N/A	1	304	0.00	50.64
Hs.648492	17.08	36.11	0.47	chr11	N/A	5	420	88.31	88.89
Hs.662687	14.46	30.58	0.47	chr20	N/A	7	73	63.74	58.24
STARD13-AS	9.48	20.04	0.47	chr13	N/A	19	709	99.94	89.06
Hs.710637	15.16	32.06	0.47	chr7	N/A	1	304	0.00	36.86
TRABD2A	16.66	35.23	0.47	chr2	2p11.2	22	666	62.03	122.63
ULK3	66.93	141.50	0.47	chr15	15q24.1	36	497	76.72	75.83
LOC100131943	6.08	12.85	0.47	chr17	17p11.2	17	101	78.35	96.37
LOC440900	9.64	20.39	0.47	chr2	2q14.1	15	1023	98.11	492.61
GPR176	24.90	52.65	0.47	chr15	15q14-q15.1	31	871	141.12	87.36
Hs.537285	6.40	13.54	0.47	chr17	N/A	7	73	58.24	108.05
MAP2K6	19.51	41.27	0.47	chr17	17q24.3	60	1140	106.91	108.30
Hs.731931	19.10	40.40	0.47	chr21	N/A	7	73	120.64	81.09
ANKS4B	10.34	21.87	0.47	chr16	16p12.2	23	461	49.85	140.93
Hs.664213	12.11	25.62	0.47	chr19	N/A	8	377	50.86	64.65
Hs.119871	7.01	14.83	0.47	chr4	N/A	7	73	44.72	135.02
Hs.602934	6.11	12.92	0.47	chr8	N/A	7	73	72.08	66.61
PIP5KL1	15.25	32.26	0.47	chr9	9q34.11	17	336	47.43	67.35
SHC2	41.98	88.81	0.47	chr19	19p13.3	28	562	97.83	71.24
Hs.536290	7.71	16.32	0.47	chr12	N/A	10	73	63.07	90.72
Hs.657705	7.43	15.73	0.47	chr1	N/A	7	73	73.37	180.60
SLC31A1	28.89	61.14	0.47	chr9	9q32	76	1427	117.20	123.41
FAM150B	28.09	59.45	0.47	chr2	2p25.3	21	405	145.31	177.45
H2AFZ	230.30	487.38	0.47	chr4	4q24	57	1093	74.60	92.28
INHA	19.09	40.40	0.47	chr2	2q33-q36	25	533	77.66	198.49
Hs.658736	15.36	32.52	0.47	chr7	N/A	8	377	64.92	78.19
ZRANB3	12.50	26.45	0.47	chr2	2q21.3	62	1174	121.85	47.01
Hs.633695	8.45	17.89	0.47	chr17	N/A	4	304	12.69	54.16
Hs.664708	22.88	48.43	0.47	chr14	N/A	15	450	96.58	112.81
Hs.665580	10.86	22.98	0.47	chr2	N/A	7	73	102.88	82.91
KDM4B	30.84	65.29	0.47	chr19	19p13.3	72	3350	120.99	106.48
MPEG1	68.72	145.46	0.47	chr11	11q12.1	34	790	225.05	300.61
Hs.524340	5.70	12.06	0.47	chr12	N/A	7	73	60.98	66.40
Hs.602188	8.35	17.67	0.47	chr11	N/A	7	73	73.25	80.34
Hs.663240	13.91	29.45	0.47	chr9	N/A	7	73	92.43	67.58
LOC729164	15.98	33.83	0.47	chr2	2q13	18	448	69.49	49.30
Hs.583838	6.78	14.35	0.47	chr8	N/A	3	66	50.94	76.22
Hs.655985	9.71	20.57	0.47	chrX	N/A	9	681	53.97	80.50
Hs.708437	87.19	184.66	0.47	chr12	N/A	7	73	66.52	61.05
NSMF	27.63	58.51	0.47	chr9	9q34.3	46	931	82.47	105.90
Hs.738017	3.83	8.11	0.47	chr12	N/A	1	304	0.00	81.68
SYT11	41.26	87.38	0.47	chr1	1q21.2	72	1141	197.63	182.79
KNOP1	21.86	46.29	0.47	chr16	16p12.3	27	1046	67.60	67.31
ROPN1B	23.71	50.21	0.47	chr3	3q21.2	28	29	65.63	248.55
KCNQ2	12.13	25.69	0.47	chr20	20q13.3	79	1533	75.17	198.68
SLC36A3	14.76	31.27	0.47	chr5	5q33.1	37	278	69.71	82.98
CR1	10.92	23.13	0.47	chr1	1q32	77	2241	119.50	130.41
FAXDC2	118.21	250.38	0.47	chr5	5q31-q32	51	1456	182.22	121.18
AMIGO3	16.15	34.20	0.47	chr3	3p21	13	390	75.79	94.60
TTPA	8.29	17.56	0.47	chr8	8q12.3	26	496	99.96	83.39
Hs.666270	18.86	39.97	0.47	chr2	N/A	7	73	70.82	132.91
Hs.125914	12.86	27.24	0.47	chr8	N/A	5	82	68.43	63.99
Hs.671830	9.45	20.02	0.47	chr12	N/A	15	448	116.22	52.45
Hs.147593	3.87	8.20	0.47	chr7	N/A	6	326	58.42	110.47
PFKL	62.63	132.71	0.47	chr21	21q22.3	60	1149	95.23	53.89
ING1	26.45	56.05	0.47	chr13	13q34	94	1810	93.27	83.46
LOC100507577	72.00	152.58	0.47	chr16	N/A	12	493	76.64	66.36
Hs.732569	17.63	37.36	0.47	chr21	N/A	3	66	55.99	58.95
Hs.633195	11.58	24.54	0.47	chr16	N/A	8	377	45.20	39.68
ZNF518A	26.25	55.62	0.47	chr10	10q24.1	57	1072	120.89	134.95
Hs.225044	15.19	32.19	0.47	chr20	N/A	10	12	46.88	10.53
Hs.408497	10.36	21.95	0.47	chr15	N/A	1	304	0.00	74.70
GCSAM	15.69	33.27	0.47	chr3	3q13.2	38	478	166.03	173.53
Hs.600503	114.26	242.23	0.47	chr17	N/A	7	73	53.54	91.35
Hs.665592	26.71	56.62	0.47	chr3	N/A	7	73	71.44	48.16

OR111	47.16	99.98	0.47	chr19	19p13.12	6	356	108.53	67.13
Hs.613865	15.18	32.19	0.47	chr18	N/A	1	304	0.00	80.28
LOC646513	18.63	39.50	0.47	chr22	22q12.2	10	28	35.26	98.15
MROH2B	15.03	31.87	0.47	chr5	5p13.1	37	1194	122.63	229.34
Hs.636222	6.30	13.36	0.47	chrX	N/A	2	608	12.32	48.58
UHMK1	66.47	140.95	0.47	chr1	1q23.3	53	1147	128.25	121.73
Hs.644980	53.12	112.65	0.47	chr12	N/A	28	1252	54.52	340.81
Hs.565314	19.09	40.48	0.47	chr18	N/A	10	73	70.11	67.08
Hs.733838	6.66	14.13	0.47	chr8	N/A	7	73	58.80	104.03
Hs.662028	34.97	74.18	0.47	chr5	N/A	1	304	0.00	34.14
POU5F1	19.76	41.91	0.47	chr6	6p21.31	68	697	168.15	85.79
ALG2	36.91	78.30	0.47	chr9	9q22.33	25	721	44.10	82.21
PFN4	15.10	32.03	0.47	chr2	2p23.3	20	689	95.23	246.82
Hs.669855	7.99	16.95	0.47	chr2	N/A	1	304	0.00	46.60
MIR503HG	26.94	57.17	0.47	chrX	Xq26.3	56	1372	93.40	172.58
OCM	4.89	10.38	0.47	chr7	7p22.1	5	39	37.75	45.42
Hs.596986	19.65	41.69	0.47	chr10	N/A	7	73	76.00	151.70
LOC100507053	9.97	21.17	0.47	chr4	N/A	17	108	127.64	67.54
Hs.664676	7.17	15.22	0.47	chr13	N/A	7	73	62.16	60.65
Hs.593960	5.67	12.04	0.47	chr9	N/A	7	73	72.05	81.98
Hs.710502	8.75	18.57	0.47	chr11	N/A	7	73	46.87	72.20
Hs.635312	4.68	9.93	0.47	chr19	N/A	7	73	79.67	97.31
ARMCX4	13.49	28.64	0.47	chrX	Xq22.1	68	2065	296.38	98.24
LOC100506057	20.11	42.70	0.47	chr10	N/A	11	377	78.04	51.78
FRRS1L	14.49	30.78	0.47	chr9	9q31	17	688	96.97	72.37
Hs.659260	9.10	19.32	0.47	chr9	N/A	8	377	54.51	69.16
Hs.603892	6.73	14.29	0.47	chr21	N/A	7	73	71.09	97.22
Hs.599366	13.99	29.71	0.47	chr1	N/A	7	73	45.02	68.00
TMEM40	32.88	69.83	0.47	chr3	3p25.2	29	835	80.85	175.97
UNC13D	13.01	27.62	0.47	chr17	17q25.1	36	1071	91.94	113.43
BLCAP	145.44	308.91	0.47	chr20	20q11.23	32	616	78.13	79.73
IL25	8.78	18.65	0.47	chr14	14q11.2	27	456	81.77	73.40
Hs.602303	9.50	20.19	0.47	chr3	N/A	7	73	54.98	74.68
Hs.734004	19.29	40.99	0.47	chr1	N/A	2	22	36.34	36.67
Hs.543811	10.48	22.27	0.47	chr5	N/A	7	73	96.96	159.89
CENPP	18.66	39.64	0.47	chr9	9q22.31	22	393	88.91	63.50
GCM2	13.33	28.33	0.47	chr6	6p23	35	599	210.18	753.00
CHAF1B	16.01	34.02	0.47	chr21	21q22.13	120	718	157.00	88.61
SLC25A22	28.98	61.58	0.47	chr11	11p15.5	35	606	96.99	124.18
Hs.657837	11.62	24.69	0.47	chr5	N/A	2	608	28.71	129.53
Hs.373429	5.51	11.71	0.47	chr4	N/A	7	73	49.47	109.22
Hs.610117	3.17	6.73	0.47	chr20	N/A	1	304	0.00	60.74
Hs.664195	8.04	17.08	0.47	chr5	N/A	7	73	47.21	71.43
Hs.670389	15.50	32.94	0.47	chr12	N/A	5	51	73.18	57.78
WDR5B	20.22	42.98	0.47	chr3	3q21.1	28	532	102.83	51.87
DNAAF3	15.22	32.35	0.47	chr19	19q13.4	21	406	101.24	213.43
ANGPT4	11.69	24.85	0.47	chr20	20p13	21	455	82.70	92.49
Hs.550832	3.11	6.61	0.47	chr10	N/A	1	304	0.00	57.81
PRAP1	19.02	40.44	0.47	chr10	10q26.3	22	393	45.64	165.40
XDH	29.83	63.40	0.47	chr2	2p23.1	29	851	155.49	145.31
HAPLN2	17.96	38.17	0.47	chr1	1q23.1	21	456	74.72	171.74
Hs.667205	11.95	25.41	0.47	chr9	N/A	7	73	48.47	97.32
Hs.594464	18.24	38.78	0.47	chr9	N/A	7	73	89.14	85.09
Hs.661003	9.08	19.30	0.47	chr13	N/A	14	146	54.04	68.47
ZSWIM8	49.12	104.44	0.47	chr10	10q22.2	46	1024	135.50	112.50
KIF24	33.08	70.34	0.47	chr9	9p13.3	38	998	177.80	105.16
NCOR1	38.94	82.81	0.47	chr17	17p11.2	104	2517	120.78	75.78
DAZL	14.76	31.39	0.47	chr3	3p24.3	33	582	140.79	384.40
Hs.725519	5.56	11.83	0.47	chr3	N/A	7	73	52.08	84.96
OR12D2	13.94	29.64	0.47	chr6	6p22.2-p21.31	21	454	56.89	68.44
WDR11-AS1	11.46	24.39	0.47	chr10	10q26.13	15	636	73.76	56.04
Hs.657290	22.83	48.56	0.47	chr14	N/A	2	22	13.00	51.05
Hs.709479	9.08	19.30	0.47	chr19	N/A	8	377	66.56	59.13
Hs.514216	88.15	187.53	0.47	chr17	N/A	7	73	74.42	86.25
ZBTB33	29.96	63.73	0.47	chrX	Xq23	50	1009	186.50	169.48
HERC5	31.44	66.90	0.47	chr4	4q22.1	21	458	98.50	129.69
GRP	10.74	22.85	0.47	chr18	18q21.1-q21.3	35	610	77.78	94.53
HOXA4	19.33	41.13	0.47	chr7	7p15.2	34	645	109.14	105.99
Hs.664844	5.39	11.48	0.47	chr1	N/A	7	73	41.18	82.37
Hs.26454	11.59	24.68	0.47	chr11	N/A	7	73	58.53	68.36
Hs.662243	8.07	17.17	0.47	chr10	N/A	7	73	71.86	94.26
Hs.664621	11.80	25.12	0.47	chr13	N/A	7	73	57.89	81.81
MMRN1	12.39	26.38	0.47	chr4	4q22	23	499	79.45	134.05
Hs.442623	18.51	39.39	0.47	chr22	N/A	11	332	45.02	43.80
PROSER2	20.89	44.47	0.47	chr10	10p14	51	948	103.73	97.82
HM13	36.02	76.68	0.47	chr20	20q11.21	48	1409	98.93	113.05
Hs.570070	27.24	58.01	0.47	chr2	N/A	7	73	44.41	46.23
ESPL1	26.75	56.95	0.47	chr12	12q	48	1052	65.96	106.19
C7orf13	20.02	42.64	0.47	chr7	7q36.3	35	582	95.24	65.34
WDR61	60.52	128.86	0.47	chr15	15q25.1	49	2098	132.09	91.86
MMP26	10.04	21.38	0.47	chr11	11p15	21	453	83.87	65.45
Hs.545329	9.04	19.25	0.47	chr8	N/A	2	22	34.98	67.67
SDC4	130.01	276.86	0.47	chr20	20q12	40	605	61.80	83.64
LCE1D	728.37	1,551.04	0.47	chr1	1q21.3	16	28	95.49	121.18
PCDH17	41.16	87.65	0.47	chr13	13q21.1	56	1369	99.63	152.74
FAM171A1	90.02	191.70	0.47	chr10	10p13	27	572	85.89	129.39
CYB5RL	8.49	18.09	0.47	chr1	1p32.3	45	1537	72.14	107.73
FAM188B	23.98	51.06	0.47	chr7	7p14.3	17	688	87.03	67.01
GPR152	81.92	174.47	0.47	chr11	11q13.2	5	52	130.36	69.83
LINC00670	11.16	23.77	0.47	chr17	17p12	16	28	179.73	85.59
Hs.128242	4.78	10.19	0.47	chr1	N/A	3	326	54.94	170.98
RPS6KA5	31.68	67.47	0.47	chr14	14q31-q32.1	69	1496	109.66	86.14
LOC100130097	26.01	55.40	0.47	chr1	1q44	1	304	0.00	86.74

SEMG1	22.53	47.99	0.47	chr20	20q12-q13.2	47	711	91.81	754.70
Hs.99436	17.73	37.77	0.47	chr9	N/A	7	73	50.65	56.93
CT45A2	10.75	22.91	0.47	chrX	Xq26.3	3	4	35.01	11.42
Hs.733813	11.64	24.80	0.47	chr4	N/A	1	304	0.00	46.80
NXF2	13.53	28.83	0.47	chrX	Xq22.1	30	1186	66.22	73.85
BTBD7	34.14	72.74	0.47	chr14	14q32.12	109	2328	100.22	87.80
NLRC3	17.23	36.71	0.47	chr16	16p13.3	49	869	75.08	130.60
CES3	20.88	44.49	0.47	chr16	16q22.1	35	792	123.94	100.65
ZNF664	56.76	120.97	0.47	chr12	12q24.31	83	1631	155.81	130.87
LOC100505978	7.33	15.62	0.47	chr12	N/A	18	405	56.81	344.84
CA11	28.88	61.56	0.47	chr19	19q13.3	30	575	104.90	115.78
GYP A	7.42	15.82	0.47	chr4	4q31.21	95	2568	98.13	346.85
KRTAP6-3	46.70	99.53	0.47	chr21	21q22.1	18	80	86.54	147.66
Hs.657684	31.81	67.79	0.47	chr4	N/A	1	304	0.00	48.93
Hs.733078	27.47	58.55	0.47	chr2	N/A	11	332	54.46	40.76
Hs.128605	20.77	44.28	0.47	chr1	N/A	7	73	51.53	170.38
SH3BP1	19.61	41.81	0.47	chr22	22q13.1	42	645	58.14	106.47
RAP2A	65.72	140.12	0.47	chr13	13q34	68	1665	234.65	153.02
NFIC	134.26	286.26	0.47	chr19	19p13.3	81	1890	137.58	109.65
Hs.691768	6.60	14.07	0.47	chr5	N/A	14	146	67.77	110.49
LOC100996508	11.10	23.68	0.47	chr9	N/A	10	73	86.55	81.65
LOC148696	9.97	21.25	0.47	chr1	1q32.2	8	389	69.65	70.61
Hs.659812	19.30	41.16	0.47	chr15	N/A	14	146	92.79	61.97
Hs.658770	11.25	23.99	0.47	chr1	N/A	7	73	89.57	75.45
DDX60	18.85	40.20	0.47	chr4	4q32.3	33	539	65.31	104.08
Hs.606041	32.40	69.09	0.47	chr1	N/A	7	73	39.18	66.33
Hs.436898	11.34	24.18	0.47	chr5	N/A	8	377	69.49	170.42
Hs.732575	13.19	28.13	0.47	chr9	N/A	7	73	63.99	57.01
GLB1	68.58	146.28	0.47	chr3	3p21.33	60	668	105.20	55.71
Hs.648268	6.15	13.12	0.47	chr22	N/A	1	304	0.00	68.70
SRGN	190.45	406.25	0.47	chr10	10q22.1	41	1317	113.89	200.12
UBE2L6	78.47	167.38	0.47	chr11	11q12	55	760	128.19	99.30
Hs.667223	4.30	9.18	0.47	chr8	N/A	3	66	21.38	89.27
FAM81B	23.48	50.10	0.47	chr5	5q15	21	409	56.14	282.86
ZNF449	21.75	46.40	0.47	chrX	Xq26.3	37	790	86.07	63.89
Hs.639513	6.29	13.43	0.47	chr11	N/A	1	304	0.00	64.74
Hs.131620	6.25	13.33	0.47	chr3	N/A	2	22	11.90	63.19
SOWAHA	31.88	68.03	0.47	chr5	5q31.1	38	546	148.06	584.16
CWC22	32.11	68.51	0.47	chr2	2q31.3	26	469	84.08	62.50
Hs.126195	7.97	17.02	0.47	chr12	N/A	7	73	71.50	110.09
Hs.676664	8.62	18.39	0.47	chr22	N/A	1	304	0.00	58.04
CCNT1	50.54	107.86	0.47	chr12	12q13.11	61	1101	194.40	102.09
Hs.733700	7.60	16.21	0.47	chr21	N/A	7	73	86.46	65.99
PDE6B	15.82	33.78	0.47	chr4	4p16.3	44	964	76.10	633.74
HSD11B1	74.36	158.71	0.47	chr1	1q32-q41	36	577	175.69	291.85
Hs.595319	15.08	32.19	0.47	chr2	N/A	10	73	94.32	58.03
Hs.197693	9.59	20.48	0.47	chr22	N/A	2	16	29.72	22.71
KCNJ1	14.77	31.53	0.47	chr11	11q24	51	1013	115.64	731.09
DDX27	81.95	174.96	0.47	chr20	20q13.13	33	1339	63.63	157.71
Hs.197962	20.83	44.47	0.47	chr5	N/A	36	810	159.49	81.95
Hs.538136	8.49	18.12	0.47	chr1	N/A	14	146	59.89	63.66
GDNF-AS1	6.38	13.62	0.47	chr5	5p13.2	7	73	43.11	311.88
PART1	16.59	35.42	0.47	chr5	5q12.1	61	1585	98.93	204.91
FAM122C	10.52	22.47	0.47	chrX	Xq26.3	39	1370	54.78	64.74
LINS	22.39	47.81	0.47	chr15	15q26.3	66	1994	113.99	105.16
Hs.444612	9.88	21.09	0.47	chr4	N/A	8	377	102.00	89.84
LIPH	16.87	36.05	0.47	chr3	3q27	40	606	153.39	119.15
FAM175A	16.60	35.45	0.47	chr4	4q21.23	140	961	88.10	73.35
Hs.741754	6.06	12.95	0.47	chr1	N/A	9	681	65.28	633.94
CHD1L	34.94	74.64	0.47	chr1	1q12	42	1975	89.06	102.15
CSAD	32.29	68.97	0.47	chr12	12q13.11-q14.1	40	1213	120.52	112.86
C1orf228	11.58	24.73	0.47	chr1	1p34.1	28	1657	170.61	124.86
Hs.17910	20.97	44.79	0.47	chr2	N/A	1	304	0.00	36.95
Hs.660295	10.99	23.48	0.47	chr5	N/A	8	377	132.58	86.81
Hs.663298	6.17	13.19	0.47	chr8	N/A	1	304	0.00	62.69
MFHAS1	26.48	56.57	0.47	chr8	8p23.1	26	570	85.92	99.67
Hs.559777	9.34	19.95	0.47	chr1	N/A	10	73	114.35	117.96
MIR210HG	18.08	38.63	0.47	chr11	11p15.5	21	360	62.95	103.59
Hs.665002	19.30	41.23	0.47	chr6	N/A	1	304	0.00	40.48
Hs.659101	14.05	30.03	0.47	chr4	N/A	7	73	53.35	56.74
FAM198A	16.87	36.04	0.47	chr3	3p22.1	25	509	102.25	128.36
Hs.600678	7.84	16.75	0.47	chr1	N/A	7	73	51.09	65.17
Hs.655571	23.17	49.51	0.47	chr11	N/A	7	73	52.51	107.98
Hs.42376	10.91	23.32	0.47	chr9	N/A	8	377	68.53	62.70
LOC100131360	21.83	46.65	0.47	chr3	3q29	2	16	38.22	17.75
C2orf43	21.30	45.53	0.47	chr2	2p24.1	52	1515	88.09	57.56
FAM173B	26.24	56.07	0.47	chr5	5p15.2	64	975	114.28	87.78
BIRC5	31.96	68.30	0.47	chr17	17q25	61	1551	194.10	283.81
Hs.346679	12.41	26.52	0.47	chr5	N/A	1	304	0.00	51.62
Hs.644438	69.32	148.15	0.47	chr6	N/A	1	304	0.00	44.58
LUZP2	13.00	27.80	0.47	chr11	11p14.3	25	539	120.50	103.69
USP6	28.38	60.66	0.47	chr17	17p13	69	1690	82.27	108.03
Hs.601147	5.17	11.06	0.47	chr19	N/A	7	73	80.78	93.63
Hs.658777	5.19	11.10	0.47	chr7	N/A	7	73	73.24	88.50
ZNF804A	8.93	19.10	0.47	chr2	2q32.1	25	544	63.96	95.29
Hs.601129	93.45	199.81	0.47	chr4	N/A	7	73	26.58	70.82
TPPP	25.71	54.97	0.47	chr5	5p15.3	38	1537	108.53	168.42
CELF1	74.74	159.81	0.47	chr11	11p11	71	2877	109.11	113.42
PAPOLG	18.97	40.55	0.47	chr2	2p16.1	46	1888	92.06	71.56
CD300A	14.47	30.93	0.47	chr17	17q25.1	48	1415	90.83	161.94
UMPS	25.72	55.00	0.47	chr3	3q13	51	1749	92.89	82.95
Hs.659445	8.68	18.57	0.47	chr14	N/A	5	674	35.93	73.58
OTUD6B	23.18	49.57	0.47	chr8	8q21.3	19	386	105.34	77.56

NME5	35.82	76.61	0.47	chr5	5q31	37	647	110.46	182.43
Hs.444517	70.83	151.52	0.47	chr4	N/A	8	377	48.91	39.43
LRRCL15	13.84	29.61	0.47	chr3	3q29	54	925	114.07	107.19
RUNX3	30.85	66.00	0.47	chr1	1p36	46	1399	106.38	159.43
PLEK	46.60	99.70	0.47	chr2	2p13.3	35	997	89.93	214.33
N4BP1	55.66	119.08	0.47	chr16	16q12.1	93	2237	203.35	153.74
FABP5	280.82	600.82	0.47	chr8	8q21.13	76	746	86.65	200.29
HNRNPL	82.58	176.69	0.47	chr19	19q13.2	48	1035	82.09	75.07
ATP6V1A	80.40	172.02	0.47	chr3	3q13.31	68	1283	131.56	112.17
Hs.156737	10.18	21.78	0.47	chr1	N/A	10	73	48.32	71.62
Hs.517319	9.02	19.30	0.47	chr21	N/A	1	304	0.00	69.35
Hs.655145	520.96	1,114.89	0.47	chr4	N/A	14	85	91.91	108.86
CC2D2B	21.03	45.00	0.47	chr10	10q24.1	31	877	87.06	62.06
LOC100129884	12.67	27.12	0.47	chr13	13q22.1	25	478	109.98	51.50
Hs.655522	30.79	65.90	0.47	chr1	N/A	1	304	0.00	60.31
PGS1	25.13	53.79	0.47	chr17	17q25.3	57	952	116.85	67.73
C16orf74	11.68	24.99	0.47	chr16	16q24.1	19	384	53.01	93.46
Hs.218029	8.93	19.12	0.47	chr12	N/A	3	66	39.02	214.63
Hs.734200	6.84	14.64	0.47	chr2	N/A	7	73	62.64	90.01
TMEM151B	15.83	33.88	0.47	chr6	6p21.1	22	1499	86.70	96.47
Hs.562253	43.19	92.45	0.47	chr10	N/A	1	304	0.00	38.14
Hs.540602	4.96	10.61	0.47	chr16	N/A	5	22	26.72	52.10
SLC22A3	114.00	244.04	0.47	chr6	6q25.3	51	981	269.97	159.19
OR5P3	9.48	20.29	0.47	chr11	11p15.4	22	386	120.05	135.71
RGL1	90.36	193.47	0.47	chr1	1q25.3	37	645	115.98	89.19
IDH1	98.57	211.06	0.47	chr2	2q33.3	31	1438	79.65	147.92
Hs.672056	3.94	8.44	0.47	chr6	N/A	1	304	0.00	76.48
CATSPER3	14.60	31.27	0.47	chr5	5q31.1	23	497	75.51	148.98
Hs.662745	10.04	21.51	0.47	chr4	N/A	13	428	39.75	84.62
GPR26	12.35	26.45	0.47	chr10	10q26.13	35	1076	134.99	148.76
ADAM30	9.51	20.37	0.47	chr1	1p12	29	830	138.62	153.29
SERHL2	16.09	34.47	0.47	chr22	22q13	31	1288	59.19	134.25
Hs.638121	30.59	65.52	0.47	chr17	N/A	17	101	70.85	42.39
LOC400620	4.11	8.81	0.47	chr17	17q25.1	11	636	32.78	66.62
FZR1	20.58	44.07	0.47	chr19	19p13.3	93	2151	101.19	89.78
EPHB2	16.98	36.37	0.47	chr1	1p36.1-p35	76	2124	91.39	81.02
PNOC	14.91	31.93	0.47	chr8	8p21	28	569	83.08	82.42
NQO1	49.87	106.83	0.47	chr16	16q22.1	51	1431	124.22	138.84
TBCEL	21.96	47.05	0.47	chr11	11q23.3	26	461	104.02	205.34
SLC35E3	25.52	54.67	0.47	chr12	12q15	59	785	115.80	266.09
RSRC2	105.51	226.03	0.47	chr12	12q24.31	62	1171	94.87	71.28
Hs.602741	43.07	92.27	0.47	chr8	N/A	14	146	167.49	109.91
Hs.600891	10.64	22.80	0.47	chr1	N/A	7	73	80.26	56.19
RNASE11	14.73	31.56	0.47	chr14	14q11.2	26	457	104.24	368.40
Hs.249053	9.50	20.36	0.47	chr1	N/A	7	73	56.71	73.22
RTN3	226.71	485.76	0.47	chr11	11q13	85	1039	286.16	121.86
GRK7	4.74	10.16	0.47	chr3	3q24	19	384	51.66	57.22
SEMA3D	18.60	39.87	0.47	chr7	7q21.11	73	874	157.00	542.74
Hs.602736	6.79	14.55	0.47	chr7	N/A	7	73	45.29	76.29
Hs.270314	18.65	39.97	0.47	chr18	N/A	1	304	0.00	44.64
Hs.46762	6.36	13.63	0.47	chr20	N/A	3	66	41.47	81.83
FLJ45825	5.77	12.37	0.47	chr6	N/A	1	304	0.00	74.77
KIAA0895L	18.71	40.10	0.47	chr16	16q22.1	31	469	74.29	74.23
ZNF335	15.44	33.11	0.47	chr20	20q13.12	43	1426	59.46	75.96
Hs.436697	12.14	26.03	0.47	chr12	N/A	4	304	25.71	59.14
Hs.604363	80.01	171.51	0.47	chr7	N/A	10	73	111.26	124.96
SPHK1	35.07	75.18	0.47	chr17	17q25.2	31	526	65.23	65.68
Hs.661429	9.76	20.92	0.47	chr11	N/A	12	892	51.16	141.80
LOC100128750	22.07	47.32	0.47	chr8	8p12	35	506	87.14	165.72
LMF2	66.11	141.74	0.47	chr22	22q13.33	35	992	88.01	73.33
PRTG	10.66	22.86	0.47	chr15	15q21.3	56	1374	93.63	123.15
HILPDA	87.28	187.18	0.47	chr7	7q32.1	36	926	152.87	133.38
Hs.659657	6.30	13.50	0.47	chr6	N/A	2	22	42.45	50.87
PDE8A	33.01	70.82	0.47	chr15	15q25.3	67	1819	111.77	97.48
FIG4	48.97	105.04	0.47	chr6	6q21	30	572	91.86	50.99
ASIC5	5.60	12.02	0.47	chr4	4q32.1	17	333	37.00	46.13
Hs.693843	5.58	11.97	0.47	chr18	N/A	2	22	33.48	60.60
Hs.659261	6.68	14.34	0.47	chr3	N/A	3	66	34.70	221.09
LOC100506853	13.65	29.28	0.47	chr10	N/A	21	405	71.00	109.90
PLXDC2	34.53	74.09	0.47	chr10	10p12.31	42	666	82.17	83.90
TTC18	18.92	40.59	0.47	chr10	10q22.2	46	1474	85.85	161.16
Hs.601027	10.77	23.11	0.47	chr8	N/A	7	73	36.57	68.30
Hs.667412	6.10	13.08	0.47	chr5	N/A	7	73	78.70	83.39
NKAIN2	18.99	40.76	0.47	chr6	6q21	37	794	285.32	234.21
Hs.131010	5.85	12.56	0.47	chr12	N/A	7	73	76.76	117.03
MIOS	34.34	73.70	0.47	chr7	7p21.3	64	1574	91.55	91.66
Hs.644908	4.66	10.00	0.47	chr16	N/A	2	22	20.91	55.74
Hs.602360	20.18	43.31	0.47	chr2	N/A	1	304	0.00	32.02
Hs.662035	5.00	10.74	0.47	chr5	N/A	7	73	44.44	79.86
ARGLU1	148.91	319.65	0.47	chr13	13q33.3	37	1214	110.83	93.02
NLRP2	16.59	35.61	0.47	chr19	19q13.42	42	670	193.81	90.20
Hs.714910	119.12	255.71	0.47	chr11	N/A	7	73	51.55	51.08
GALNT11	91.52	196.49	0.47	chr7	7q36.1	31	554	74.65	78.77
Hs.129970	9.46	20.31	0.47	chr20	N/A	19	383	60.67	62.30
FAM65C	20.35	43.68	0.47	chr20	20q13.13	41	869	136.34	204.25
Hs.563524	7.07	15.19	0.47	chr8	N/A	2	22	69.13	98.36
LHFPL4	27.01	57.99	0.47	chr3	3p25.3	18	396	54.55	119.38
ADIPOQ	73.73	158.32	0.47	chr3	3q27	68	833	136.50	324.19
IRF3	60.15	129.18	0.47	chr19	19q13.3-q13.4	30	575	72.10	65.23
UBE2NL	53.15	114.16	0.47	chrX	Xq27.3	18	448	129.54	52.58
Hs.715122	7.83	16.82	0.47	chr11	N/A	1	304	0.00	49.14
PLP2	138.31	297.13	0.47	chrX	Xp11.23	38	591	90.71	97.95
Hs.667762	6.03	12.95	0.47	chr1	N/A	7	73	85.73	110.20

APOBEC3C	46.26	99.39	0.47	chr22	22q13.1	32	610	117.30	85.05
Hs.596867	13.53	29.06	0.47	chr2	N/A	7	73	72.75	61.36
ATP13A1	44.63	95.88	0.47	chr19	19p13.11	28	531	113.48	50.49
Hs.44210	7.71	16.57	0.47	chr4	N/A	10	73	51.46	72.18
MKNK2	267.23	574.23	0.47	chr19	19p13.3	69	1016	119.22	105.14
Hs.662148	12.10	26.00	0.47	chr8	N/A	1	313	0.00	57.46
ANKRD17	57.74	124.11	0.47	chr4	4q13.3	114	1651	92.89	94.67
Hs.593408	42.93	92.28	0.47	chr4	N/A	7	73	62.30	57.16
Hs.354493	34.12	73.35	0.47	chr17	N/A	1	304	0.00	68.92
POU3F1	10.52	22.63	0.47	chr1	1p34.1	46	992	88.83	86.61
TGFBR1	37.17	79.91	0.47	chr9	9q22	68	1525	168.90	125.15
Hs.649288	7.06	15.18	0.47	chr16	N/A	17	212	64.11	95.28
Hs.545311	17.82	38.32	0.47	chr3	N/A	14	146	80.86	70.31
Hs.705990	25.01	53.78	0.47	chr6	N/A	10	28	41.15	84.71
Hs.667760	26.89	57.83	0.47	chr21	N/A	7	73	90.87	158.98
Hs.712874	7.36	15.84	0.47	chr1	N/A	7	73	41.55	92.91
Hs.734055	3.75	8.07	0.46	chr8	N/A	2	22	27.28	78.16
PTAFR	33.09	71.18	0.46	chr1	1p35-p34.3	63	1430	159.94	82.24
Hs.710548	7.34	15.79	0.46	chr17	N/A	3	326	47.05	223.29
LOC401068	9.62	20.71	0.46	chr3	3p21.1	4	315	41.11	110.75
ZNF267	12.09	26.02	0.46	chr16	16p11.2	18	76	39.63	70.64
Hs.710593	6.99	15.05	0.46	chr10	N/A	14	146	66.66	83.24
Hs.656089	27.19	58.51	0.46	chr17	N/A	2	22	121.42	54.48
MEG3	40.38	86.90	0.46	chr14	14q32	116	4093	122.65	273.33
Hs.131022	7.79	16.76	0.46	chr10	N/A	10	73	42.03	89.57
MYH10	70.78	152.32	0.46	chr17	17p13	88	1359	213.62	222.90
CLCF1	22.69	48.82	0.46	chr11	11q13.3	25	530	95.23	78.50
Hs.711727	7.10	15.28	0.46	chrX	N/A	10	28	64.67	43.59
Hs.718398	9.49	20.42	0.46	chr3	N/A	2	16	57.69	24.67
PTPRJ	20.24	43.58	0.46	chr11	11p11.2	74	1569	86.88	139.31
Hs.596600	18.65	40.14	0.46	chr8	N/A	7	73	54.91	45.16
DUSP16	29.35	63.19	0.46	chr12	12p13	64	1474	85.43	84.66
PIWIL1	10.53	22.66	0.46	chr12	12q24.33	37	633	78.99	346.58
TMEM184A	29.12	62.69	0.46	chr7	7p22.3	18	648	133.43	110.90
MAEL	33.07	71.22	0.46	chr1	1q24.1	27	419	65.43	547.84
DLX1	11.19	24.10	0.46	chr2	2q32	33	720	88.71	95.89
Hs.157006	3.77	8.13	0.46	chr2	N/A	10	73	34.24	144.07
Hs.666649	7.44	16.02	0.46	chr15	N/A	3	66	80.27	59.95
Hs.652442	17.62	37.96	0.46	chr9	N/A	7	73	56.19	49.00
Hs.170946	12.79	27.55	0.46	chr16	N/A	5	608	83.40	103.57
WDFY3-AS2	20.37	43.87	0.46	chr4	4q21.3	27	360	93.66	58.18
SMN2	70.85	152.59	0.46	chr5	5q13.2	34	247	154.94	116.24
Hs.144739	35.08	75.57	0.46	chr2	N/A	2	22	94.81	110.44
Hs.677414	9.06	19.53	0.46	chr6	N/A	5	620	60.03	58.89
Hs.663785	11.77	25.36	0.46	chr17	N/A	7	73	44.58	120.93
Hs.408316	5.41	11.66	0.46	chr6	N/A	10	139	37.34	65.33
Hs.669119	12.35	26.60	0.46	chr19	N/A	1	304	0.00	37.39
KLRG2	12.31	26.52	0.46	chr7	7q34	22	348	102.66	77.47
GGT1	37.58	80.97	0.46	chr22	22q11.23	64	2558	111.61	123.81
Hs.657406	20.40	43.95	0.46	chr13	N/A	1	304	0.00	100.32
FAIM	28.00	60.34	0.46	chr3	3q22.3	40	533	121.42	78.69
KIFC1	17.10	36.86	0.46	chr6	6p21.3	39	1022	106.31	108.38
LOC100506258	3.37	7.27	0.46	chr11	N/A	1	304	0.00	68.60
Hs.221899	12.20	26.29	0.46	chr17	N/A	5	674	53.12	60.44
REV3L	56.09	120.93	0.46	chr6	6q21	38	954	119.08	72.72
ITM2C	116.55	251.28	0.46	chr2	2q37	47	639	89.69	136.79
PRDM10	23.65	51.00	0.46	chr11	11q25	38	611	88.24	59.75
Hs.436047	5.52	11.91	0.46	chr11	N/A	1	304	0.00	54.82
SLX1A	28.06	60.51	0.46	chr16	16p11.2	16	28	80.65	85.87
CYP39A1	18.34	39.55	0.46	chr6	6p21.1-p11.2	32	841	106.22	137.83
CCKBR	11.33	24.44	0.46	chr11	11p15.4	37	963	87.74	91.21
PDCD6IP	100.68	217.14	0.46	chr3	3p22.3	88	1196	109.96	78.31
PCDH9	45.90	99.00	0.46	chr13	13q21.32	88	1434	169.41	247.70
Hs.599517	7.27	15.69	0.46	chr5	N/A	7	73	66.13	115.38
NFATC4	21.05	45.40	0.46	chr14	14q11.2	40	1384	92.09	70.52
NCSI	19.86	42.83	0.46	chr9	9q34	55	1616	95.90	87.56
Hs.651496	6.74	14.53	0.46	chr14	N/A	3	66	27.94	110.94
PLEKHG5	21.36	46.08	0.46	chr1	1p36.31	47	969	68.10	82.00
TMEM9	78.29	168.88	0.46	chr1	N/A	25	721	40.52	47.16
TMPO	33.07	71.34	0.46	chr12	12q22	87	2284	148.66	160.14
CCDC81	12.12	26.15	0.46	chr11	11q14.2	28	523	140.53	67.69
LASP1	137.04	295.66	0.46	chr17	17q11-q21.3	51	735	160.17	86.18
Hs.569430	9.51	20.51	0.46	chr15	N/A	2	22	48.91	57.72
Hs.308312	4.31	9.30	0.46	chr15	N/A	3	66	40.77	101.09
ZNF436	38.60	83.29	0.46	chr1	1p36	33	762	90.27	63.75
Hs.679526	7.92	17.09	0.46	chr22	N/A	5	51	36.42	53.04
Hs.694877	36.20	78.11	0.46	chr10	N/A	8	377	58.18	59.01
LIPA	102.07	220.28	0.46	chr10	10q23.2-q23.3	33	897	92.50	136.07
Hs.573025	14.11	30.45	0.46	chr3	N/A	6	326	35.45	49.85
DAOA-AS1	3.44	7.42	0.46	chr13	13q34	11	333	67.96	77.13
SHPRH	24.72	53.37	0.46	chr6	6q24.3	64	718	156.61	85.65
TEF	43.21	93.28	0.46	chr22	22q13.2	60	1452	149.45	418.35
Hs.444858	27.67	59.74	0.46	chr17	N/A	15	493	63.51	42.19
Hs.713971	17.19	37.11	0.46	chr13	N/A	7	73	109.64	82.57
Hs.597262	6.66	14.38	0.46	chr16	N/A	1	304	0.00	72.14
ZNF623	13.65	29.46	0.46	chr8	8q24.3	31	527	82.17	87.57
Hs.604855	11.10	23.96	0.46	chr17	N/A	1	304	0.00	43.19
NLRP11	7.42	16.01	0.46	chr19	19q13.43	21	439	142.89	89.19
Hs.523194	12.66	27.34	0.46	chr10	N/A	7	73	45.35	76.33
ADPRM	26.01	56.17	0.46	chr17	17p13.1	29	842	67.93	64.85
RIF1	22.53	48.65	0.46	chr2	2q23.3	91	2573	105.66	112.41
Hs.63027	6.62	14.29	0.46	chr8	N/A	7	73	22.62	61.65
Hs.655851	6.40	13.81	0.46	chr6	N/A	7	73	75.35	81.18

Hs.733290	19.83	42.82	0.46	chr4	N/A	4	630	67.61	101.71
GPR183	23.54	50.83	0.46	chr13	13q32.3	33	575	83.03	188.98
OR5F1	17.58	37.97	0.46	chr11	11q12.1	18	80	53.49	82.09
Hs.729007	4.18	9.03	0.46	chr2	N/A	7	73	28.66	74.20
LAYN	32.14	69.43	0.46	chr11	11q23.1	29	421	55.03	95.18
Hs.707586	31.16	67.30	0.46	chr7	N/A	1	304	0.00	61.48
NYNRIN	28.16	60.82	0.46	chr14	14q12	22	533	71.96	139.75
GON4L	31.39	67.82	0.46	chr1	1q22	88	1712	84.83	64.09
IREB2	23.40	50.56	0.46	chr15	15q25.1	69	1327	141.30	112.35
Hs.602682	83.00	179.32	0.46	chr2	N/A	7	73	60.23	74.08
CTSE	24.61	53.18	0.46	chr1	1q31	48	637	66.83	220.29
CDCA5	13.96	30.15	0.46	chr11	11q12.1	26	469	88.49	98.26
SSBP3	42.34	91.48	0.46	chr1	1p32.3	69	1186	162.14	235.19
PRPF38B	39.21	84.73	0.46	chr1	1p13.3	68	1090	201.67	110.11
FBXO43	8.96	19.36	0.46	chr8	8q22.2	14	377	62.16	96.25
TTC36	12.15	26.25	0.46	chr11	11q23.3	4	304	37.43	190.76
FAM126B	24.66	53.28	0.46	chr2	2q33.1	52	1429	83.15	72.65
Hs.675831	10.20	22.04	0.46	chr1	N/A	10	28	94.25	52.09
Hs.680458	6.85	14.80	0.46	chr11	N/A	1	304	0.00	50.50
ANKRD62	5.36	11.58	0.46	chr18	18p11.21	13	16	105.80	154.60
HK2	39.96	86.34	0.46	chr2	2p13	64	1171	111.60	161.74
Hs.602937	8.70	18.80	0.46	chr12	N/A	7	73	33.13	443.27
Hs.667771	6.09	13.17	0.46	chr1	N/A	2	22	10.66	60.09
ARSE	21.52	46.51	0.46	chrX	Xp22.3	30	573	126.29	126.30
KDM8	16.81	36.33	0.46	chr16	16p12.1	32	794	93.84	84.96
LOC643659	9.99	21.60	0.46	chr20	20p11.23	2	16	47.28	118.32
DNAJC3	63.66	137.59	0.46	chr13	13q32.1	63	1804	138.82	112.09
Hs.545203	3.46	7.47	0.46	chr8	N/A	2	22	21.74	107.37
Hs.661286	28.55	61.72	0.46	chr19	N/A	1	304	0.00	57.64
PRPF40B	57.82	124.97	0.46	chr12	12q	25	153	91.62	99.71
Hs.566065	8.29	17.93	0.46	chr4	N/A	7	73	39.76	93.86
LOC440896	6.14	13.27	0.46	chr9	9q21.11	6	912	35.09	293.72
Hs.492187	16.06	34.71	0.46	chr8	N/A	14	332	57.29	71.50
Hs.663384	24.18	52.27	0.46	chr8	N/A	1	304	0.00	66.12
DNAL11	27.59	59.65	0.46	chr1	1p35.1	37	954	80.72	239.25
NAGK	114.33	247.21	0.46	chr2	2p13.3	21	465	70.51	79.36
DMRT2	8.95	19.35	0.46	chr9	9p24.3	32	914	99.19	113.86
GPC3	27.35	59.15	0.46	chrX	Xq26.1	69	1308	141.50	161.45
WASIR2	5.92	12.80	0.46	chr16	16p13.3	11	332	46.57	88.00
OR5T3	6.23	13.48	0.46	chr11	11q12.1	5	52	22.81	90.99
Hs.713736	9.61	20.79	0.46	chr4	N/A	7	73	54.31	75.06
Hs.14780	15.30	33.08	0.46	chr8	N/A	4	304	29.67	53.42
TCP1	159.73	345.47	0.46	chr6	6q25.3-q26	49	579	99.72	64.02
Hs.668948	3.24	7.01	0.46	chr18	N/A	1	304	0.00	57.79
YDJC	24.57	53.15	0.46	chr22	22q11.21	15	445	53.45	62.46
Hs.659737	29.89	64.65	0.46	chr9	N/A	7	73	140.35	68.46
VWA3B	9.38	20.30	0.46	chr2	2q11.2	38	1667	90.63	122.16
SCNN1G	10.91	23.59	0.46	chr16	16p12	44	904	96.08	164.20
MIF4GD	35.93	77.72	0.46	chr17	17q25.1	20	700	84.65	65.10
ASB17	14.34	31.03	0.46	chr1	1p31.1	22	384	141.78	358.27
Hs.665343	10.40	22.52	0.46	chr9	N/A	1	304	0.00	33.55
Hs.657005	4.28	9.26	0.46	chr2	N/A	1	304	0.00	52.50
SPTA1	11.44	24.77	0.46	chr1	1q21	58	858	76.11	333.98
ULBP1	12.74	27.58	0.46	chr6	6q25	21	454	110.37	46.93
Hs.381371	15.48	33.51	0.46	chr7	N/A	1	304	0.00	43.85
Hs.595026	14.08	30.47	0.46	chr6	N/A	10	28	84.64	99.09
BDH2	77.95	168.72	0.46	chr4	4q24	53	1028	101.32	127.88
NECAB2	15.12	32.72	0.46	chr16	16q23.3	30	575	87.57	99.13
POLE	22.21	48.06	0.46	chr12	12q24.3	55	774	95.57	74.84
Hs.635241	5.18	11.22	0.46	chr1	N/A	2	22	9.47	76.56
LOC100129104	21.33	46.19	0.46	chr8	8q24.22	2	16	57.55	28.37
Hs.130623	9.73	21.06	0.46	chr10	N/A	10	73	38.42	92.75
Hs.732420	6.05	13.10	0.46	chr9	N/A	2	22	4.74	84.92
Hs.644853	20.02	43.34	0.46	chr2	N/A	10	28	23.84	150.40
Hs.600583	8.43	18.26	0.46	chr14	N/A	7	73	64.88	90.62
BAIAP2-AS1	18.04	39.07	0.46	chr17	17q25.3	28	1631	185.59	83.02
Hs.608553	15.77	34.16	0.46	chr9	N/A	13	28	125.54	54.45
SFTA2	13.71	29.70	0.46	chr6	6p21.33	27	366	176.98	253.79
SERPINI2	16.83	36.46	0.46	chr3	3q26.1	31	544	89.63	361.82
TBC1D10A	32.20	69.74	0.46	chr22	22q12.2	34	846	104.30	84.09
TM2D2	67.15	145.45	0.46	chr8	8p11.22	43	570	80.36	58.21
PASD1	11.24	24.35	0.46	chrX	Xq28	17	332	55.82	92.07
Hs.136900	6.61	14.32	0.46	chr4	N/A	7	73	50.11	122.62
MOB3A	32.00	69.32	0.46	chr19	19p13.3	32	782	80.86	95.16
BMF	19.61	42.49	0.46	chr15	15q14	26	332	115.35	51.29
ADAM32	9.21	19.95	0.46	chr8	8p11.22	29	406	106.95	187.29
Hs.560672	13.38	28.99	0.46	chr19	N/A	7	73	53.58	51.48
Hs.665355	42.62	92.35	0.46	chr13	N/A	1	304	0.00	61.83
TMCC1	30.55	66.20	0.46	chr3	3q22.1	125	2907	104.62	75.55
Hs.595971	8.39	18.17	0.46	chr21	N/A	5	51	64.53	94.69
GATA2	31.83	68.97	0.46	chr3	3q21.3	63	1646	75.22	98.62
Hs.595266	18.67	40.46	0.46	chr16	N/A	7	73	49.60	64.91
Hs.443715	6.23	13.51	0.46	chr16	N/A	7	73	72.79	102.78
Hs.655538	4.62	10.02	0.46	chr8	N/A	3	66	53.69	70.44
C19orf66	56.44	122.33	0.46	chr19	19p13.2	44	1297	71.72	89.08
C17orf85	26.23	56.86	0.46	chr17	17p13.2	65	1652	68.80	43.82
Hs.664655	13.82	29.96	0.46	chr8	N/A	7	73	35.95	57.83
OR1N2	61.94	134.25	0.46	chr9	9q33.2	17	80	218.74	74.18
Hs.657782	13.40	29.05	0.46	chr13	N/A	8	377	75.80	63.79
IL1F10	11.64	25.25	0.46	chr2	2q13	20	332	99.78	70.36
DAK	21.34	46.28	0.46	chr11	11q12.2	29	837	84.04	103.59
Hs.731873	32.35	70.16	0.46	chr5	N/A	25	478	122.23	58.94
Hs.146803	8.98	19.48	0.46	chr2	N/A	5	22	36.30	97.24

MDK	48.89	106.02	0.46	chr11	11p11.2	51	684	157.22	149.18
Hs.664915	9.83	21.31	0.46	chr1	N/A	11	332	41.26	50.32
TMEM254	27.88	60.48	0.46	chr10	10q22.3	36	910	67.19	93.92
Hs.149312	15.74	34.14	0.46	chr19	N/A	1	304	0.00	70.17
OR2D2	57.08	123.81	0.46	chr11	11p15.4	8	52	166.60	61.48
CD72	12.49	27.10	0.46	chr9	9p13.3	23	500	106.78	170.54
Hs.351851	36.69	79.58	0.46	chr10	N/A	5	420	87.91	38.28
ACTR2	81.12	175.98	0.46	chr2	2p14	52	2651	113.16	127.96
Hs.733597	6.66	14.45	0.46	chr2	N/A	1	305	0.00	64.51
TGIF2	26.59	57.69	0.46	chr20	20q11.23	42	1064	99.43	69.48
SOX6	15.25	33.10	0.46	chr11	11p15.3	107	2895	128.56	149.69
Hs.128924	9.07	19.68	0.46	chr1	N/A	2	22	55.52	139.92
Hs.618003	5.90	12.81	0.46	chr17	N/A	10	16	41.26	40.45
LOC100505624	9.43	20.46	0.46	chr2	2p23.3	4	630	51.89	119.04
Hs.705857	84.10	182.53	0.46	chr20	N/A	14	146	73.39	65.47
Hs.740496	20.80	45.13	0.46	chr7	N/A	5	420	61.78	50.97
Hs.656343	23.30	50.57	0.46	chr3	N/A	1	304	0.00	60.37
Hs.540544	7.91	17.17	0.46	chr16	N/A	7	73	54.52	84.85
SRSF6	85.34	185.23	0.46	chr20	20q12-q13.1	37	991	227.49	80.12
Hs.616282	42.00	91.16	0.46	chr19	N/A	10	28	29.27	20.03
Hs.737118	13.33	28.93	0.46	chr1	N/A	9	681	55.89	90.47
RPL27A	682.91	1,482.35	0.46	chr11	11p15	85	1631	148.24	150.53
TCF20	43.37	94.15	0.46	chr22	22q13.3	52	1143	116.71	76.45
Hs.597221	7.80	16.94	0.46	chr6	N/A	2	22	78.45	65.99
SLC18A3	9.67	21.00	0.46	chr10	10q11.2	23	493	140.48	129.32
OR4C15	28.54	61.95	0.46	chr11	11q11	16	28	65.10	103.33
Hs.658084	31.27	67.89	0.46	chr6	N/A	1	304	0.00	57.71
Hs.167619	37.93	82.36	0.46	chr15	N/A	18	405	110.87	76.04
LOC100505949	5.01	10.88	0.46	chr5	N/A	12	316	74.08	55.96
Hs.660549	19.36	42.04	0.46	chr13	N/A	7	73	109.35	56.31
IL2RB	40.27	87.46	0.46	chr22	22q13.1	30	573	148.50	105.25
Hs.143952	3.43	7.46	0.46	chr17	N/A	3	326	9.73	61.46
TBK1	66.13	143.61	0.46	chr12	12q14.1	30	554	83.12	52.39
CLEC1A	24.29	52.76	0.46	chr12	12p13.2	28	538	95.24	68.86
Hs.668220	6.21	13.50	0.46	chr13	N/A	2	22	30.57	53.24
C12orf23	61.94	134.51	0.46	chr12	12q23.3	57	713	121.68	96.10
INO80	63.69	138.32	0.46	chr15	15q15.1	58	1039	123.85	109.21
SIX3-AS1	7.09	15.41	0.46	chr2	N/A	8	377	67.78	71.18
VAT1	132.48	287.81	0.46	chr17	17q21	49	734	81.33	71.68
LINC00649	8.46	18.37	0.46	chr21	N/A	9	89	73.90	63.79
Hs.377508	23.49	51.03	0.46	chr4	N/A	17	146	145.40	107.96
Hs.670148	6.60	14.35	0.46	chr18	N/A	1	304	0.00	54.26
LRP10	109.60	238.13	0.46	chr14	14q11.2	51	932	93.70	93.53
CNTNAP5	10.01	21.74	0.46	chr2	2q14.3	40	789	84.16	92.04
THUMP2	28.13	61.13	0.46	chr2	2p22-p21	21	460	41.72	43.58
Hs.618005	2.91	6.31	0.46	chr17	N/A	1	304	0.00	66.22
CCDC88C	19.27	41.88	0.46	chr14	14q32.11	63	1293	160.78	140.00
ZNF788	9.20	20.00	0.46	chr19	19p13.2	18	405	83.82	58.98
NOTCH1	22.30	48.46	0.46	chr9	9q34.3	63	1178	190.31	92.73
LOC100506328	6.20	13.49	0.46	chr2	2q12.1	11	332	64.11	204.89
VANGL1	18.47	40.14	0.46	chr1	1p13.1	83	1874	85.29	98.25
MASTL	21.46	46.66	0.46	chr10	10p12.1	43	563	132.00	163.72
CNIH2	16.97	36.90	0.46	chr11	11q13.2	35	457	92.03	117.35
Hs.633518	10.57	22.98	0.46	chr5	N/A	19	709	85.87	66.82
LOC100128281	11.85	25.76	0.46	chr17	17p13.1	3	326	89.31	49.14
LOC340239	8.66	18.82	0.46	chr7	7q11.21	8	377	59.62	53.48
ARID4A	16.95	36.86	0.46	chr14	14q23.1	63	1094	102.19	70.28
C16orf71	28.92	62.89	0.46	chr16	16p13.3	20	500	89.28	689.70
Hs.241416	4.58	9.97	0.46	chr12	N/A	11	332	36.87	69.18
CHD1	49.47	107.58	0.46	chr5	5q15-q21	26	829	202.59	123.31
WDR31	29.22	63.55	0.46	chr9	9q32	51	687	106.88	113.46
Hs.542493	4.25	9.25	0.46	chr20	N/A	2	22	97.56	52.49
Hs.633764	7.24	15.74	0.46	chr19	N/A	1	304	0.00	49.22
RNF139	61.71	134.24	0.46	chr8	8q24	30	577	64.62	55.99
UTRN	83.09	180.74	0.46	chr6	6q24	72	1596	203.83	185.01
VCY	54.20	117.92	0.46	chrY	Yq11.221	23	497	77.60	423.55
Hs.407614	9.73	21.16	0.46	chr1	N/A	1	304	0.00	61.43
LOC643923	8.09	17.60	0.46	chr11	11q22.3	7	304	45.81	68.93
CORO1B	54.93	119.53	0.46	chr11	11q13.2	29	877	143.27	86.81
HDLBP	76.37	166.19	0.46	chr2	2q37.3	94	2648	124.50	130.86
LSM6	47.60	103.60	0.46	chr4	4q31.22	37	650	68.12	55.91
Hs.666947	4.42	9.62	0.46	chr5	N/A	2	22	121.69	56.96
CARTPT	17.07	37.16	0.46	chr5	5q13.2	30	578	93.98	119.27
SYT9	11.89	25.89	0.46	chr11	11p15.4	42	1355	104.96	91.06
DDIT3	55.69	121.22	0.46	chr12	12q13.1-q13.2	32	609	87.98	71.13
Hs.600953	9.53	20.74	0.46	chr1	N/A	7	73	56.22	79.41
Hs.634774	10.86	23.64	0.46	chr6	N/A	4	304	80.21	53.52
SI7L	17.17	37.38	0.46	chr1	1p13.2	54	2125	87.25	88.35
HEATR1	37.64	81.94	0.46	chr1	1q43	45	1691	92.69	91.41
ADNP2	37.03	80.61	0.46	chr18	18q23	40	1043	114.77	60.27
KIAA1804	16.28	35.45	0.46	chr1	1q42	53	620	146.66	102.73
MYO6	45.94	100.03	0.46	chr6	6q13	57	1518	167.92	146.70
Hs.250616	20.64	44.94	0.46	chr15	N/A	8	377	68.76	61.04
Hs.120277	4.96	10.79	0.46	chr3	N/A	1	304	0.00	80.03
NUP50	26.91	58.61	0.46	chr22	22q13.31	88	2649	95.64	134.63
Hs.436105	11.74	25.56	0.46	chr17	N/A	8	377	56.96	91.96
Hs.548831	14.01	30.51	0.46	chr3	N/A	6	66	75.83	64.60
LOC100506421	17.20	37.45	0.46	chr2	2q12	11	343	31.56	84.09
ZNF385C	13.81	30.08	0.46	chr17	17q21.2	11	377	54.84	46.26
RND2	15.94	34.72	0.46	chr17	17q21	42	1085	119.76	263.92
NUFIP1	17.52	38.17	0.46	chr13	13q14	60	1509	89.72	88.76
LOC283856	9.44	20.56	0.46	chr16	16q12.2	1	304	0.00	59.41
TCFL5	37.37	81.39	0.46	chr20	20q13.3-qter	41	902	106.22	257.86

Hs.659803	19.53	42.53	0.46	chr3	N/A	7	73	108.38	87.25
AP2A1	35.07	76.38	0.46	chr19	19q13.33	30	1353	54.09	70.76
SEPP1	184.61	402.12	0.46	chr5	5q31	60	1669	149.78	199.93
DTD2	18.32	39.90	0.46	chr14	14q12	49	914	115.22	88.61
UGT3A2	13.29	28.94	0.46	chr5	5p13.2	17	82	55.33	93.70
Hs.733614	64.99	141.58	0.46	chr6	N/A	5	420	77.81	83.27
Hs.604750	12.03	26.21	0.46	chr8	N/A	10	28	120.73	39.36
Hs.571518	12.96	28.24	0.46	chr8	N/A	2	22	94.55	86.31
Hs.665281	12.86	28.03	0.46	chr1	N/A	8	377	68.14	56.07
Hs.541516	2.95	6.43	0.46	chr2	N/A	2	22	5.60	84.51
Hs.667037	7.46	16.26	0.46	chr12	N/A	7	73	42.92	99.75
NKX3-1	57.63	125.60	0.46	chr8	8p21.2	54	1563	209.43	419.36
C16orf91	38.32	83.51	0.46	chr16	16p13.3	8	389	97.62	37.75
TM7SF3	56.33	122.79	0.46	chr12	12q11-q12	42	1190	59.63	102.53
CRIL	10.20	22.23	0.46	chr1	1q32.1	31	839	97.66	155.15
Hs.658442	10.09	22.00	0.46	chr2	N/A	7	73	38.98	99.15
ITLN2	11.73	25.58	0.46	chr1	1q22-q23	16	41	57.32	92.03
GPR151	15.79	34.44	0.46	chr5	5q32	5	52	5.85	60.37
AWAT1	7.77	16.94	0.46	chrX	Xq13.1	18	436	76.11	133.31
LOC100506314	7.39	16.10	0.46	chr12	N/A	9	684	70.72	83.11
ENDOD1	76.13	165.99	0.46	chr11	11q21	49	1088	62.09	86.42
ZNRF4	15.22	33.20	0.46	chr19	19p13.3	29	570	135.83	137.04
CALR3	7.65	16.69	0.46	chr19	19p13.11	19	384	93.50	317.18
Hs.250029	6.35	13.84	0.46	chr12	N/A	18	406	118.27	152.19
DPYD	24.90	54.31	0.46	chr1	1p22	59	1314	112.49	132.00
E2F8	8.81	19.20	0.46	chr11	11p15.1	23	500	57.93	152.84
Hs.496366	9.66	21.06	0.46	chrX	N/A	4	304	45.33	60.21
VIL1	14.48	31.58	0.46	chr2	2q35	48	1531	135.21	163.51
P2RY14	21.08	45.97	0.46	chr3	3q24-q25.1	36	568	83.37	112.69
Hs.662697	31.76	69.26	0.46	chr13	N/A	1	304	0.00	53.57
RNF149	97.08	211.76	0.46	chr2	2q11.2	29	469	112.89	64.64
Hs.708424	46.98	102.49	0.46	chr1	N/A	7	73	72.40	71.68
Hs.130652	33.94	74.04	0.46	chr13	N/A	1	304	0.00	147.09
Hs.552150	28.46	62.10	0.46	chr8	N/A	10	73	80.03	113.18
AGBL2	10.45	22.80	0.46	chr11	11p11.2	24	449	51.74	112.37
Hs.655770	68.00	148.38	0.46	chr2	N/A	10	985	100.62	247.73
Hs.659940	7.27	15.86	0.46	chr17	N/A	8	377	47.59	70.62
ZNF345	10.24	22.35	0.46	chr19	19q13.12	32	853	63.34	59.52
EXTL2	52.87	115.38	0.46	chr1	1p21	40	645	112.48	56.50
C11orf86	18.33	40.01	0.46	chr11	11q13.2	21	362	302.33	91.34
FTSJ2	37.84	82.59	0.46	chr7	7p22	29	885	80.92	44.75
Hs.660239	5.48	11.96	0.46	chr2	N/A	7	73	45.19	90.70
C3orf72	14.47	31.58	0.46	chr3	3q22.3	10	73	74.17	225.72
Hs.672488	5.03	10.98	0.46	chr9	N/A	1	304	0.00	74.68
CYP27A1	64.17	140.08	0.46	chr2	2q33-qter	30	577	166.12	180.49
Hs.601114	5.91	12.89	0.46	chr6	N/A	7	73	83.03	81.52
TREML1	12.14	26.51	0.46	chr6	6p21.1	37	506	69.80	83.75
BDKRB1	17.22	37.59	0.46	chr14	14q32.1-q32.2	32	531	84.28	110.58
Hs.98358	5.59	12.21	0.46	chr3	N/A	7	73	52.54	80.88
Hs.697787	11.66	25.46	0.46	chr18	N/A	1	304	0.00	44.66
Hs.151444	10.21	22.29	0.46	chr11	N/A	4	304	77.29	64.08
Hs.610277	5.76	12.57	0.46	chr16	N/A	1	304	0.00	83.83
Hs.666607	20.84	45.54	0.46	chr6	N/A	7	73	81.84	105.60
CEP68	35.63	77.86	0.46	chr2	2p14	91	2371	87.54	86.82
Hs.594273	43.33	94.70	0.46	chr1	N/A	14	146	85.63	97.60
Hs.658306	22.54	49.26	0.46	chr17	N/A	3	912	103.32	226.88
Hs.213501	5.58	12.20	0.46	chr14	N/A	1	304	0.00	56.37
Hs.636847	5.78	12.63	0.46	chr8	N/A	11	332	98.67	50.96
B4GALT6	9.14	19.99	0.46	chr18	18q11	46	1319	121.56	95.81
TMCO6	29.96	65.48	0.46	chr5	5q31.3	28	531	71.32	64.61
Hs.293593	8.85	19.35	0.46	chr5	N/A	21	219	58.53	92.54
SMG8	35.96	78.60	0.46	chr17	17q22	38	561	91.06	49.32
LOC100507291	14.97	32.72	0.46	chr3	N/A	8	377	49.12	87.57
Hs.664103	7.33	16.04	0.46	chr20	N/A	7	73	67.50	101.51
Hs.732191	9.91	21.68	0.46	chr6	N/A	18	405	122.00	155.69
AIFM3	18.77	41.04	0.46	chr22	22q11.21	19	389	159.82	93.99
FCN2	13.08	28.60	0.46	chr9	9q34.3	59	1395	101.31	200.15
ENTPD7	14.47	31.65	0.46	chr10	N/A	38	558	60.77	75.58
MAGEA1	6.51	14.23	0.46	chrX	Xq28	26	492	79.81	101.47
TBC1D23	53.19	116.33	0.46	chr3	3q12.2	36	497	96.71	63.75
Hs.596633	9.08	19.85	0.46	chr10	N/A	7	73	109.26	68.81
Hs.620968	25.51	55.79	0.46	chrX	N/A	7	73	56.67	50.52
Hs.710868	12.90	28.22	0.46	chr11	N/A	10	28	30.52	28.38
Hs.660989	18.64	40.77	0.46	chr15	N/A	12	636	81.29	67.52
SLC46A3	30.78	67.33	0.46	chr13	13q12.3	42	652	122.79	97.83
PRSS42	13.40	29.32	0.46	chr3	3p21.31	18	80	49.94	93.60
PNRC2	161.00	352.21	0.46	chr1	1p36.11	38	606	119.10	68.87
NAT8B	12.76	27.91	0.46	chr2	2p13.1	26	878	47.67	457.88
GRPR	23.94	52.39	0.46	chrX	Xp22.2	46	548	107.92	82.48
Hs.605925	9.27	20.29	0.46	chr12	N/A	1	304	0.00	104.27
ARF6	86.89	190.13	0.46	chr14	14q21.3	55	1457	194.07	99.61
Hs.729462	16.37	35.81	0.46	chr14	N/A	8	377	67.47	41.60
Hs.661540	6.48	14.18	0.46	chr18	N/A	15	450	38.07	70.38
C1orf51	22.81	49.91	0.46	chr1	1q21.2	29	422	77.99	79.20
Hs.160602	9.21	20.15	0.46	chr7	N/A	4	304	49.98	89.30
C6orf141	12.33	26.99	0.46	chr6	6p12.3	26	719	44.85	100.81
CCDC15	14.33	31.36	0.46	chr11	11q24.2	34	843	73.55	217.03
Hs.445436	23.70	51.87	0.46	chr15	N/A	7	73	31.13	110.69
PSEN1	27.02	59.15	0.46	chr14	14q24.3	105	2941	96.47	98.64
ITGB3BP	33.51	73.36	0.46	chr1	1p31.3	133	906	91.88	74.79
KCNJ14	16.16	35.38	0.46	chr19	19q13	24	453	76.51	40.27
ANO4	9.84	21.55	0.46	chr12	12q23.1	51	1171	143.99	94.43
METTL9	76.47	167.46	0.46	chr16	16p12.2	60	1270	115.60	96.25

LRRC4	12.31	26.96	0.46	chr7	7q31.3	26	460	100.92	89.81
LOC285463	3.82	8.36	0.46	chr4	4p16.3	1	304	0.00	74.16
NPC1	50.75	111.15	0.46	chr18	18q11.2	40	1114	104.74	410.79
Hs.122434	5.26	11.51	0.46	chr12	N/A	2	22	2.46	68.07
HIST1H2BK	86.25	188.91	0.46	chr6	6p21.33	31	555	114.65	71.66
RPS24	828.41	1,814.47	0.46	chr10	10q22	41	978	94.90	105.53
TOE1	28.90	63.30	0.46	chr1	1p33	33	535	158.12	72.07
Hs.662925	13.34	29.22	0.46	chr5	N/A	7	73	57.55	68.77
Hs.334181	5.30	11.61	0.46	chr21	N/A	1	315	0.00	59.02
COL4A5	46.52	101.90	0.46	chrX	Xq22	66	1057	146.14	248.44
FMO4	40.26	88.19	0.46	chr1	1q24.3	40	603	92.01	77.46
Hs.128594	5.38	11.78	0.46	chr3	N/A	2	22	72.71	69.33
SREK1IP1	27.49	60.24	0.46	chr5	5q12.3	85	1951	104.07	100.11
PDLA6	130.43	285.78	0.46	chr2	2p25.1	48	1607	92.45	79.68
Hs.602813	14.36	31.47	0.46	chr14	N/A	2	22	131.30	67.73
Hs.596408	12.53	27.45	0.46	chr14	N/A	7	73	36.07	68.03
ARFGAP3	71.05	155.68	0.46	chr22	22q13.2	26	487	67.68	72.05
SDS	26.54	58.16	0.46	chr12	12q24.13	38	906	112.20	376.77
NRN1	69.30	151.88	0.46	chr6	6p25.1	38	554	87.87	124.71
Hs.666295	6.64	14.55	0.46	chr1	N/A	15	450	43.51	58.85
OR10G7	17.52	38.40	0.46	chr11	11q24.2	5	52	78.94	50.53
Hs.658520	12.24	26.83	0.46	chrX	N/A	18	405	60.71	55.49
CARD11	18.56	40.68	0.46	chr7	7p22	28	474	120.82	125.75
TRIM33	45.82	100.43	0.46	chr1	1p13.1	98	2269	111.32	99.05
Hs.561434	4.94	10.84	0.46	chr5	N/A	4	304	39.00	80.70
Hs.614313	19.07	41.80	0.46	chr19	N/A	1	304	0.00	31.09
LOC100287525	17.48	38.32	0.46	chr17	17q21.2	18	405	54.91	63.35
Hs.656018	9.28	20.34	0.46	chr4	N/A	7	73	45.71	110.32
SLC25A41	8.61	18.88	0.46	chr19	19p13.3	21	440	107.76	141.77
Hs.708955	49.16	107.78	0.46	chr2	N/A	15	87	53.11	78.34
C13orf45	7.63	16.72	0.46	chr13	13q22.2	28	434	41.67	223.58
FOXN3-AS1	19.22	42.14	0.46	chr14	14q32.11	27	733	57.29	50.49
Hs.741656	20.13	44.15	0.46	chr1	N/A	7	73	82.24	62.94
Hs.404997	14.61	32.05	0.46	chr1	N/A	1	304	0.00	45.63
NINL	37.99	83.31	0.46	chr20	20p11.22-p11.	34	676	66.98	88.13
Hs.656415	9.18	20.13	0.46	chr8	N/A	7	73	23.88	110.46
LOC101059910	12.16	26.67	0.46	chr7	N/A	8	377	68.51	42.01
ALG1L	21.85	47.93	0.46	chr3	3q21.2	26	56	41.39	56.28
Hs.149702	8.37	18.35	0.46	chr19	N/A	7	73	36.05	256.61
C20orf57	12.77	28.01	0.46	chr20	20q11.21	6	356	40.76	64.00
Hs.656649	9.38	20.57	0.46	chr1	N/A	7	73	58.77	370.41
LOC100505592	8.95	19.63	0.46	chr18	N/A	1	304	0.00	66.59
Hs.656717	7.48	16.41	0.46	chr2	N/A	7	73	77.50	69.35
Hs.542830	5.33	11.70	0.46	chr3	N/A	2	22	63.67	75.94
Hs.598463	25.79	56.59	0.46	chr1	N/A	1	304	0.00	58.36
LOC254099	6.56	14.39	0.46	chr1	1p36.33	4	315	38.44	64.77
Hs.603121	10.84	23.78	0.46	chr12	N/A	12	382	33.56	342.46
C2orf61	12.73	27.94	0.46	chr2	2p21	24	406	85.74	251.30
FOXF1	35.48	77.89	0.46	chr16	16q24	30	577	141.66	129.45
Hs.128037	5.08	11.15	0.46	chr10	N/A	7	73	42.23	90.24
Hs.666971	8.66	19.00	0.46	chr10	N/A	7	73	39.18	135.65
LOC100506105	16.37	35.92	0.46	chr16	N/A	9	316	37.02	48.38
Hs.529351	14.50	31.83	0.46	chr4	N/A	6	355	60.24	55.67
SASH1	93.49	205.23	0.46	chr6	6q24.3	95	1761	85.10	95.47
UACA	68.73	150.89	0.46	chr15	15q22-q24	75	1676	249.30	163.30
ZBTB44	47.31	103.88	0.46	chr11	11q24.3	83	2084	158.91	119.86
Hs.610976	6.12	13.44	0.46	chr11	N/A	5	420	23.29	60.41
Hs.595371	10.63	23.35	0.46	chr3	N/A	14	146	51.24	78.93
FAM133A	11.13	24.43	0.46	chrX	Xq21.32	44	867	74.43	119.28
OR10G2	19.98	43.87	0.46	chr14	14q11.2	10	104	78.11	45.65
SAMD9L	31.01	68.11	0.46	chr7	7q21.2	40	1165	69.15	121.14
Hs.602681	5.92	13.01	0.46	chr4	N/A	7	51	47.43	94.90
Hs.567495	16.79	36.88	0.46	chr3	N/A	14	146	83.90	91.28
LPA	12.98	28.51	0.46	chr6	6q26	45	524	70.14	457.87
NIPA1	19.65	43.16	0.46	chr15	15q11.2	37	790	107.61	119.96
Hs.687778	10.27	22.57	0.46	chr3	N/A	1	304	0.00	59.97
Hs.116631	15.28	33.57	0.46	chr14	N/A	4	304	43.27	196.77
MOV10L1	12.52	27.51	0.46	chr22	22q13.33	44	862	135.91	144.45
FGFR1OP	22.50	49.44	0.46	chr6	6q27	50	1831	74.58	110.88
SOHLH2	9.93	21.82	0.46	chr13	13q13.3	46	960	56.48	139.90
Hs.666836	8.65	19.02	0.46	chr7	N/A	3	66	17.33	194.85
RNASET2	80.29	176.46	0.46	chr6	6q27	74	2018	142.62	132.91
CASP1	33.18	72.93	0.45	chr11	11q23	50	2223	89.17	104.39
GALNT2	35.39	77.79	0.45	chr1	1q41-q42	47	1690	97.63	111.41
TEX261	63.80	140.29	0.45	chr2	2p13.3	48	975	92.26	77.34
PTPLB	58.96	129.64	0.45	chr3	3q21.1	67	1175	128.64	104.14
GPR101	10.06	22.12	0.45	chrX	Xq26.3	19	384	98.49	62.76
C5orf30	31.83	70.00	0.45	chr5	5q21.1	30	572	61.03	90.35
PHF13	72.98	160.50	0.45	chr1	1p36.31	26	469	107.78	150.67
TTC9B	35.87	78.90	0.45	chr19	19q13.2	18	640	92.39	695.61
Hs.660224	45.64	100.41	0.45	chr2	N/A	7	73	141.78	52.51
Hs.659617	8.44	18.57	0.45	chr2	N/A	7	73	49.59	98.61
Hs.660141	10.07	22.15	0.45	chr15	N/A	7	73	101.83	89.94
Hs.603212	6.00	13.20	0.45	chr6	N/A	5	420	41.83	64.42
Hs.604325	11.07	24.36	0.45	chr7	N/A	1	304	0.00	58.42
Hs.603102	9.72	21.39	0.45	chr6	N/A	7	73	73.48	130.05
UPK1A-AS1	5.04	11.09	0.45	chr19	19q13.12	8	12	14.79	20.92
LOC100506374	17.52	38.55	0.45	chr19	N/A	1	304	0.00	56.83
ST6GALNAC1	20.04	44.10	0.45	chr17	17q25.1	26	465	71.03	180.70
PROM1	35.31	77.70	0.45	chr4	4p15.32	30	565	102.11	175.46
Hs.568304	5.44	11.96	0.45	chr5	N/A	2	22	13.78	88.85
Hs.539581	6.92	15.22	0.45	chr13	N/A	10	73	53.41	110.10
Hs.585530	6.99	15.39	0.45	chr11	N/A	1	304	0.00	49.66

ZNF628	22.84	50.26	0.45	chr19	19q13.42	20	700	55.05	68.64
EGFLAM-AS4	5.28	11.63	0.45	chr5	5p13.2	1	304	0.00	49.64
Hs.528615	9.24	20.33	0.45	chr1	N/A	2	608	32.89	57.21
ALOX5	25.09	55.22	0.45	chr10	10q11.2	84	2123	121.91	217.57
Hs.125562	6.79	14.95	0.45	chr8	N/A	4	304	55.81	191.78
WDR86-AS1	5.89	12.98	0.45	chr7	7q36.1	12	386	34.08	99.28
LOC100996615	41.35	91.02	0.45	chr7	N/A	10	28	13.34	62.28
Hs.664068	34.70	76.39	0.45	chr2	N/A	1	304	0.00	54.57
Hs.400431	9.06	19.94	0.45	chr12	N/A	7	73	62.01	68.54
Hs.603843	18.89	41.58	0.45	chr5	N/A	14	146	59.56	84.39
METTL8	17.71	38.99	0.45	chr2	2q31.1	33	1156	88.66	90.13
Hs.657178	11.79	25.96	0.45	chr9	N/A	26	780	36.58	61.68
NAPEPLD	26.29	57.89	0.45	chr7	7q22.1	59	1498	133.30	82.84
Hs.634528	8.76	19.28	0.45	chr2	N/A	7	73	74.85	136.58
THAP8	23.90	52.61	0.45	chr19	19q13.12	41	506	98.21	54.15
Hs.667066	4.53	9.97	0.45	chr11	N/A	3	66	35.49	146.78
Hs.664544	10.87	23.94	0.45	chr12	N/A	7	73	48.53	62.89
Hs.603403	12.22	26.92	0.45	chr8	N/A	1	304	0.00	60.66
Hs.733843	14.10	31.05	0.45	chr3	N/A	8	377	95.85	54.75
Hs.661655	17.43	38.39	0.45	chr22	N/A	8	377	102.03	72.37
LOC100506371	12.54	27.62	0.45	chr17	N/A	6	326	60.18	52.35
MBTD1	21.74	47.89	0.45	chr17	17q21.33	43	1159	96.06	97.77
L3MBTL3	23.79	52.39	0.45	chr6	6q23	46	589	154.28	87.87
Hs.600498	11.86	26.12	0.45	chr17	N/A	7	73	48.21	64.00
Hs.374761	11.71	25.80	0.45	chr5	N/A	11	332	27.65	51.24
RASA3	14.69	32.35	0.45	chr13	13q34	29	1216	123.03	112.31
CYP46A1	23.03	50.72	0.45	chr14	14q32.1	28	527	118.85	174.54
Hs.661288	24.31	53.54	0.45	chr15	N/A	5	420	85.69	63.09
Hs.676596	5.82	12.82	0.45	chr6	N/A	1	304	0.00	53.27
Hs.736183	7.28	16.04	0.45	chr1	N/A	1	304	0.00	97.05
MEPCE	72.07	158.74	0.45	chr7	7q22.1	38	561	101.01	60.59
PALB2	21.51	47.39	0.45	chr16	16p12.2	28	533	87.94	62.59
Hs.569347	5.89	12.97	0.45	chr14	N/A	2	22	3.39	72.53
PRICKLE2	51.59	113.64	0.45	chr3	3p14.1	28	521	100.85	63.15
KRTAP9-8	7.14	15.74	0.45	chr17	17q12-q21	20	332	96.78	112.26
CA2	87.50	192.76	0.45	chr8	8q22	38	628	96.43	213.02
SLC32A1	9.46	20.85	0.45	chr20	20q11.23	19	388	70.96	194.98
Hs.732417	13.28	29.27	0.45	chr19	N/A	17	101	80.13	432.70
CAMK2N1	75.45	166.30	0.45	chr1	1p36.12	49	1237	120.77	197.52
NPHP3	30.42	67.05	0.45	chr3	3q22.1	34	1032	86.24	90.40
Hs.696622	5.84	12.88	0.45	chr12	N/A	1	304	0.00	54.67
PRRC2A	48.78	107.53	0.45	chr6	6p21.3	60	1516	112.84	69.23
Hs.669511	6.74	14.85	0.45	chr15	N/A	1	304	0.00	103.18
GNGT2	10.08	22.21	0.45	chr17	17q21	24	451	69.63	68.31
Hs.593565	24.73	54.53	0.45	chr19	N/A	7	73	68.39	49.15
Hs.587283	9.14	20.14	0.45	chr4	N/A	20	56	39.33	76.13
Hs.598662	14.73	32.48	0.45	chr3	N/A	7	73	72.67	65.76
Hs.625249	63.94	140.97	0.45	chr19	N/A	10	28	44.19	91.52
CLRN3	9.71	21.41	0.45	chr10	10q26.2	19	388	83.19	235.55
MYOF	56.43	124.42	0.45	chr10	10q24	73	1612	75.59	134.00
LOC283038	3.94	8.70	0.45	chr10	10q26.2	1	316	0.00	142.98
ZFHX4	19.75	43.56	0.45	chr8	8q21.11	51	1360	137.76	103.21
Hs.568682	10.58	23.34	0.45	chr1	N/A	8	12	23.50	35.96
TNFSF8	12.24	26.99	0.45	chr9	9q33	56	1349	72.12	101.31
Hs.569218	3.83	8.44	0.45	chr13	N/A	1	304	0.00	75.91
METTL21B	30.87	68.09	0.45	chr12	12q14.1	43	598	89.63	60.51
AMY1C	124.97	275.63	0.45	chr1	1p21	41	504	213.63	445.32
Hs.551655	9.47	20.89	0.45	chr11	N/A	4	304	47.65	39.44
Hs.667021	4.66	10.29	0.45	chr3	N/A	2	22	4.59	50.40
TSPYL2	81.14	178.98	0.45	chrX	Xp11.2	60	652	142.55	91.30
LINC00659	5.34	11.79	0.45	chr20	N/A	1	304	0.00	46.60
Hs.603108	5.39	11.89	0.45	chr15	N/A	3	66	37.99	92.10
Hs.603507	5.11	11.27	0.45	chr7	N/A	2	22	13.68	99.32
DIAPH3-AS1	7.10	15.66	0.45	chr13	N/A	17	1058	86.93	177.38
GFR1	23.56	51.99	0.45	chr10	10q26.11	86	1576	127.04	153.76
HAS1	10.36	22.85	0.45	chr19	19q13.4	23	493	94.26	222.48
KIAA1328	14.41	31.80	0.45	chr18	18q12.2	47	697	118.02	137.62
NAF1	15.73	34.71	0.45	chr4	4q32.2	31	463	112.12	67.08
Hs.531084	7.68	16.94	0.45	chr14	N/A	7	73	39.20	81.33
STX18	59.36	131.01	0.45	chr4	4p16.3-p16.2	31	493	69.92	43.20
FERD3L	14.79	32.65	0.45	chr7	7p21.1	19	391	99.55	137.08
ECE2	18.15	40.06	0.45	chr3	.	75	1414	82.90	75.45
APOPT1	198.33	437.74	0.45	chr14	14q32.33	42	853	248.40	257.45
Hs.592668	8.99	19.84	0.45	chr21	N/A	7	73	41.84	60.95
INPP1	79.47	175.43	0.45	chr2	2q32	40	630	83.72	77.15
TMEM132E	20.20	44.58	0.45	chr17	17q12	17	533	113.79	375.82
LOC400752	10.50	23.18	0.45	chr1	1p34.1	14	336	100.45	63.42
Hs.656383	17.20	37.97	0.45	chr6	N/A	17	913	117.21	104.00
Hs.667516	5.29	11.67	0.45	chr21	N/A	2	22	10.78	43.41
LOC254128	24.03	53.07	0.45	chr2	2q14.2	12	641	44.11	56.30
MOSPD2	36.31	80.18	0.45	chrX	Xp22.2	53	1076	135.17	91.34
ITGA8	25.64	56.63	0.45	chr10	10p13	36	1251	118.97	272.45
Hs.207423	10.71	23.64	0.45	chr19	N/A	1	304	0.00	74.32
ACY3	17.20	38.00	0.45	chr11	11q13.2	27	765	166.85	187.80
BCAN	23.71	52.37	0.45	chr1	1q31	79	1877	154.11	143.85
LOC286437	32.57	71.93	0.45	chrX	Xq22.2	11	377	43.59	72.23
Hs.656442	7.97	17.60	0.45	chr18	N/A	8	377	48.65	95.02
FUT10	17.54	38.76	0.45	chr8	8p12	48	1201	73.14	63.97
ILKAP	35.63	78.72	0.45	chr2	2q37.3	38	606	81.65	60.40
USP44	9.75	21.53	0.45	chr12	12q22	22	389	48.24	133.60
Hs.638707	18.59	41.07	0.45	chr1	N/A	4	316	91.89	40.11
Hs.647016	83.64	184.79	0.45	chr7	N/A	17	101	194.50	81.03
ITPR2	23.25	51.37	0.45	chr12	12p11	68	2089	92.48	98.44

FTL	1,332.17	2,943.65	0.45	chr19	19q13.33	67	1133	121.17	84.73
Hs.61993	6.07	13.43	0.45	chr4	N/A	11	332	58.40	70.40
Hs.555112	4.41	9.74	0.45	chr1	N/A	2	608	44.61	71.68
Hs.554101	6.99	15.44	0.45	chr12	N/A	11	377	70.98	65.54
Hs.514590	16.78	37.10	0.45	chr17	N/A	1	304	0.00	60.42
Hs.663335	5.98	13.22	0.45	chr2	N/A	15	450	45.92	70.32
Hs.593720	10.61	23.45	0.45	chr3	N/A	2	22	18.08	56.46
EXOC1	60.87	134.58	0.45	chr4	4q12	65	780	95.32	67.94
Hs.666486	15.32	33.88	0.45	chr2	N/A	10	73	119.20	121.51
Hs.731448	51.02	112.81	0.45	chr10	N/A	15	87	60.50	67.61
CYP2D6	24.26	53.65	0.45	chr22	22q13.1	64	1484	93.57	329.84
Hs.130081	6.62	14.64	0.45	chr16	N/A	7	73	36.84	94.84
Hs.100235	2.75	6.08	0.45	chr5	N/A	1	304	0.00	71.05
KIAA1715	30.74	68.00	0.45	chr2	2q31	80	1358	62.22	99.00
Hs.97449	9.78	21.63	0.45	chr9	N/A	7	73	61.33	86.45
Hs.600396	8.55	18.92	0.45	chrX	N/A	7	73	46.41	80.34
VASP	73.38	162.37	0.45	chr19	19q13.32	41	591	85.33	119.08
ACTB	1,579.26	3,494.79	0.45	chr7	7p22	105	2162	68.45	68.90
Hs.713644	27.46	60.78	0.45	chr9	N/A	10	28	47.86	47.34
Hs.602466	12.36	27.35	0.45	chr15	N/A	7	73	70.91	99.59
C20orf194	57.46	127.18	0.45	chr20	20p13	40	833	94.49	63.54
INTS8	50.32	111.40	0.45	chr8	8q22.1	35	606	106.33	69.95
TEX26	14.48	32.05	0.45	chr13	13q12.3	22	390	209.66	192.23
LOC440292	16.95	37.54	0.45	chr15	15q24.3	13	28	48.74	57.54
LINC00479	12.75	28.24	0.45	chr21	21q22.3	19	384	151.44	128.83
REM2	10.22	22.62	0.45	chr14	14q11.2	17	344	126.43	55.23
Hs.622883	4.55	10.07	0.45	chr2	N/A	1	304	0.00	58.66
Hs.537804	8.75	19.38	0.45	chr1	N/A	10	73	87.95	71.31
OSBPL10	19.18	42.48	0.45	chr3	3p22.3	71	2222	100.53	92.10
Hs.600886	16.53	36.61	0.45	chr2	N/A	7	73	73.52	68.03
Hs.656349	10.83	23.98	0.45	chr8	N/A	1	304	0.00	78.74
Hs.561272	3.70	8.19	0.45	chr4	N/A	2	22	3.61	97.67
MS4A6A	47.73	105.72	0.45	chr11	11q12.1	74	2564	108.88	113.46
Hs.551837	13.60	30.12	0.45	chr1	N/A	1	304	0.00	54.04
POU2F2	20.44	45.28	0.45	chr19	19q13.2	65	2477	103.99	112.21
GPR126	17.98	39.84	0.45	chr6	6q24.1	79	1468	114.24	132.12
Hs.666385	5.36	11.88	0.45	chr22	N/A	7	73	28.14	105.58
GNB5	23.13	51.24	0.45	chr15	15q21.2	57	1749	88.45	77.88
PYURF	168.97	374.36	0.45	chr4	4q	30	391	52.46	49.72
Hs.522682	8.00	17.73	0.45	chrX	N/A	8	377	53.71	69.52
Hs.702560	19.62	43.49	0.45	chrX	N/A	7	73	30.86	76.50
SRRM2-AS1	13.69	30.34	0.45	chr16	16p13.3	4	313	105.36	80.39
Hs.560247	110.29	244.52	0.45	chr12	N/A	7	73	102.24	61.57
IL7	8.99	19.93	0.45	chr8	8q12-q13	35	618	97.35	179.79
UBA1	169.65	376.26	0.45	chrX	Xp11.23	51	982	167.82	106.23
CAMKV	27.28	60.50	0.45	chr3	3p21.31	26	504	171.51	170.83
LRGUK	14.43	32.01	0.45	chr7	7q33	25	510	77.10	95.28
Hs.213735	7.73	17.14	0.45	chr20	N/A	3	320	25.06	48.13
CCDC84	63.77	141.45	0.45	chr11	11q23.3	38	583	85.49	87.21
Hs.667199	5.50	12.19	0.45	chr12	N/A	2	22	40.99	87.93
Hs.635088	17.36	38.52	0.45	chr6	N/A	5	22	65.73	146.75
VAV3-AS1	10.21	22.66	0.45	chr1	N/A	10	73	69.88	90.04
ARL5B-AS1	61.95	137.45	0.45	chr10	N/A	1	304	0.00	72.35
Hs.667434	4.68	10.38	0.45	chr11	N/A	2	22	84.56	77.68
MRPL3	114.54	254.14	0.45	chr3	3q21-q23	51	619	135.61	63.22
Hs.631227	26.80	59.47	0.45	chr14	N/A	10	28	113.80	96.52
PCED1B-AS1	7.79	17.30	0.45	chr12	12q13.11	1	304	0.00	74.60
TRMT2B	32.02	71.08	0.45	chrX	Xq22.1	32	837	84.00	76.57
Hs.734006	10.10	22.41	0.45	chr1	N/A	8	377	97.06	95.11
Hs.668568	5.61	12.45	0.45	chr4	N/A	7	73	49.58	62.04
Hs.666082	7.06	15.66	0.45	chr17	N/A	8	377	62.14	56.31
SRD5A3-AS1	8.61	19.12	0.45	chr4	N/A	18	411	124.07	91.62
Hs.734170	7.56	16.79	0.45	chr7	N/A	7	73	59.21	99.29
Hs.659927	14.45	32.07	0.45	chr10	N/A	28	292	100.06	89.23
KRT24	16.80	37.29	0.45	chr17	17q21.2	21	449	60.28	276.27
BNIPL	21.04	46.72	0.45	chr1	1q21.3	36	765	150.12	199.15
UBLCP1	54.86	121.82	0.45	chr5	5q33.3	48	992	182.59	86.36
ENKUR	8.43	18.71	0.45	chr10	10p12.1	32	391	109.35	86.30
RHPN1-AS1	23.77	52.79	0.45	chr8	8q24	21	449	132.24	51.89
Hs.670077	23.37	51.90	0.45	chr11	N/A	1	304	0.00	47.42
Hs.656233	5.72	12.70	0.45	chr12	N/A	7	73	44.20	91.25
HID1	32.98	73.24	0.45	chr17	17q25.1	50	833	203.44	135.44
Hs.666933	3.96	8.79	0.45	chr17	N/A	2	22	34.11	80.46
TMEM63A	31.64	70.27	0.45	chr1	1q42.12	52	2248	64.01	80.17
Hs.660536	9.80	21.76	0.45	chr9	N/A	7	73	49.65	106.09
PUS10	8.14	18.09	0.45	chr2	2p16.1	32	1037	59.56	64.47
Hs.386685	10.39	23.08	0.45	chr21	N/A	7	73	51.17	48.87
TTL2	9.07	20.14	0.45	chr6	6q27	27	435	137.83	265.70
SCG2	51.19	113.71	0.45	chr2	2q35-q36	33	577	328.22	306.93
Hs.540909	15.72	34.92	0.45	chr17	N/A	2	22	54.87	123.73
UGGT1	29.90	66.43	0.45	chr2	2q14.3	67	1904	109.94	87.62
MFSD2A	23.65	52.56	0.45	chr1	1p34.2	63	1033	79.62	132.67
C11orf49	30.68	68.18	0.45	chr11	11p11.2	59	1056	83.44	90.38
Hs.716107	7.36	16.36	0.45	chr15	N/A	1	304	0.00	62.06
REST	22.34	49.64	0.45	chr4	4q12	82	1618	86.18	101.94
Hs.130251	19.09	42.42	0.45	chr10	N/A	10	73	96.62	64.46
Hs.62716	5.29	11.75	0.45	chr14	N/A	10	73	42.51	90.54
Hs.652272	15.61	34.69	0.45	chr17	N/A	8	377	69.27	99.39
Hs.597307	11.00	24.45	0.45	chr3	N/A	7	73	70.91	51.97
SVOP	19.86	44.15	0.45	chr12	12q24.11	21	437	58.48	176.68
Hs.147885	31.11	69.16	0.45	chr7	N/A	5	22	42.78	112.17
Hs.667697	6.23	13.85	0.45	chr16	N/A	2	22	11.88	87.85
ZSCAN21	26.37	58.64	0.45	chr7	7q22.1	33	541	88.71	48.70

Hs.602924	8.67	19.27	0.45	chr2	N/A	7	73	124.89	55.31
DPM2	30.64	68.16	0.45	chr9	9q34.13	55	729	71.06	57.38
TBRG1	40.86	90.89	0.45	chr11	11q24.2	77	2038	84.05	92.45
Hs.736927	3.18	7.08	0.45	chr7	N/A	2	608	31.29	94.16
NANP	49.42	109.95	0.45	chr20	20p11.1	45	558	308.07	185.80
Hs.545835	5.20	11.56	0.45	chr9	N/A	5	22	22.34	65.88
ZNF48	31.48	70.04	0.45	chr16	16p11.2	36	493	125.94	54.84
Hs.661390	13.72	30.52	0.45	chr10	N/A	1	304	0.00	43.79
Hs.596277	7.28	16.20	0.45	chr18	N/A	7	73	37.11	65.48
Hs.596144	11.77	26.18	0.45	chr16	N/A	10	28	16.09	36.99
SYTL2	41.65	92.69	0.45	chr11	11q14	82	1513	252.29	153.95
Hs.667375	7.51	16.71	0.45	chr22	N/A	7	73	62.20	62.68
Hs.600963	18.76	41.75	0.45	chr14	N/A	7	73	136.33	159.70
Hs.436018	10.84	24.13	0.45	chr5	N/A	4	304	77.70	47.86
Hs.444260	6.01	13.38	0.45	chr22	N/A	7	73	57.20	108.94
DSC2	64.20	142.89	0.45	chr18	18q12.1	50	1421	169.52	239.54
SNAP25	78.31	174.29	0.45	chr20	20p12-p11.2	50	1446	322.53	285.81
Hs.38448	8.98	20.00	0.45	chrX	N/A	7	73	52.44	76.80
Hs.733784	5.84	13.00	0.45	chr22	N/A	2	22	5.25	76.44
Hs.674560	90.18	200.72	0.45	chr19	N/A	1	304	0.00	64.84
ASCL3	13.38	29.78	0.45	chr11	11p15.3	21	453	80.19	73.52
Hs.124611	7.94	17.67	0.45	chr5	N/A	7	73	23.38	73.82
Hs.671708	19.19	42.71	0.45	chr11	N/A	1	304	0.00	55.20
Hs.663871	14.55	32.38	0.45	chr9	N/A	7	73	131.97	106.61
TPST1	31.25	69.58	0.45	chr7	7q11.21	37	650	72.23	66.13
NEDD4	23.55	52.44	0.45	chr15	15q	46	593	84.77	102.20
Hs.659840	9.40	20.94	0.45	chr5	N/A	14	146	85.32	90.79
Hs.143973	8.74	19.47	0.45	chr20	N/A	5	22	48.13	127.15
C10orf90	11.40	25.39	0.45	chr10	10q26.2	34	1194	110.78	101.70
Hs.658469	11.19	24.92	0.45	chr3	N/A	7	73	60.41	79.96
Hs.568888	6.87	15.30	0.45	chr10	N/A	3	66	78.19	95.07
PHF5A	48.31	107.58	0.45	chr22	22q13.2	29	469	96.09	82.89
TRIM28	116.96	260.47	0.45	chr19	19q13.4	40	606	89.74	68.34
PACRGL	14.62	32.55	0.45	chr4	4p15.31	41	515	60.68	217.20
CAMKK1	38.35	85.40	0.45	chr17	17p13.2	45	763	313.20	144.33
PBDC1	32.55	72.49	0.45	chrX	Xq13.3	30	728	89.17	55.97
Hs.544266	3.52	7.84	0.45	chr5	N/A	2	22	10.14	88.69
FAM66D	6.65	14.81	0.45	chr8	8p23.1	8	1332	41.38	65.03
Hs.733989	3.69	8.22	0.45	chr4	N/A	3	66	15.88	94.28
Hs.157714	10.46	23.29	0.45	chr11	N/A	8	377	54.99	64.82
Hs.9187	21.78	48.51	0.45	chr9	N/A	1	304	0.00	48.51
Hs.707828	7.94	17.69	0.45	chr10	N/A	7	73	69.68	82.49
OR4B1	38.01	84.67	0.45	chr11	11p11.2	11	52	72.93	49.76
ELFN1	19.96	44.46	0.45	chr7	7p22.3	17	466	92.18	76.13
CLPSL2	6.79	15.14	0.45	chr6	6p21.31	16	28	44.08	32.40
LPGAT1	36.56	81.44	0.45	chr1	1q32	59	1352	177.93	75.94
TC2N	23.54	52.44	0.45	chr14	14q32.12	47	1240	158.59	191.52
Hs.741455	39.81	88.69	0.45	chr13	N/A	7	73	74.78	64.48
GDF6	11.30	25.17	0.45	chr8	8q22.1	29	56	69.69	123.94
FTSJD1	33.52	74.71	0.45	chr16	16q22.2	35	497	109.37	91.77
Hs.450608	3.65	8.13	0.45	chr11	N/A	1	304	0.00	74.56
C15orf37	10.34	23.04	0.45	chr15	15q25.1	27	360	88.88	79.20
Hs.543823	10.07	22.43	0.45	chr5	N/A	10	73	57.63	98.87
RND3	99.84	222.53	0.45	chr2	2q23.3	127	788	128.41	106.46
Hs.617801	16.41	36.58	0.45	chr10	N/A	10	28	28.82	26.39
DEDD2	62.80	140.01	0.45	chr19	19q13.2	26	458	82.60	72.95
FOXO3	80.64	179.77	0.45	chr6	6q21	107	2750	193.92	110.80
GPRASP1	47.62	106.15	0.45	chrX	Xq22.1	30	572	75.53	94.88
DNHD1	17.73	39.52	0.45	chr11	11p15.4	103	1862	117.45	158.18
Hs.323090	8.28	18.47	0.45	chr3	N/A	7	73	92.62	73.72
OR13D1	38.43	85.70	0.45	chr9	9q31.1	17	132	181.15	153.52
GBP1	48.19	107.46	0.45	chr1	1p22.2	57	1706	109.12	133.00
TOP1MT	26.89	59.98	0.45	chr8	8q24.3	38	477	101.35	92.79
LINC00643	6.04	13.47	0.45	chr14	14q23.2	36	813	148.30	213.61
CACNB1	23.51	52.44	0.45	chr17	17q21-q22	80	1624	80.77	148.12
Hs.17529	11.47	25.59	0.45	chr16	N/A	18	405	65.54	64.67
Hs.597750	17.58	39.23	0.45	chr3	N/A	7	73	61.36	65.79
Hs.660313	8.66	19.33	0.45	chr7	N/A	3	66	11.92	83.17
Hs.594332	33.24	74.16	0.45	chr10	N/A	8	377	70.51	51.89
ZMYM6NB	43.54	97.16	0.45	chr1	1p34.3	20	869	75.53	87.32
Hs.663931	33.59	74.95	0.45	chr1	N/A	1	304	0.00	45.89
FAM225B	14.87	33.18	0.45	chr9	9q32	31	433	129.03	325.17
ZNF627	42.72	95.35	0.45	chr19	19p13.2	27	417	75.78	94.72
Hs.568903	5.98	13.34	0.45	chr11	N/A	7	73	41.13	93.98
MCU	41.66	92.98	0.45	chr10	10q22.1	29	534	91.59	93.68
Hs.660590	16.23	36.23	0.45	chr2	N/A	7	73	112.98	62.20
MLLT1	33.74	75.31	0.45	chr19	19p13.3	45	916	115.92	113.51
Hs.534682	7.47	16.68	0.45	chr3	N/A	4	304	61.07	47.00
Hs.156600	5.63	12.57	0.45	chr7	N/A	7	73	60.75	94.27
Hs.733459	9.43	21.05	0.45	chr11	N/A	1	304	0.00	67.26
LINC00410	9.02	20.14	0.45	chr13	13q31.3	1	304	0.00	41.15
GJD2	23.60	52.68	0.45	chr15	15q14	21	455	127.04	56.13
Hs.605079	9.42	21.04	0.45	chr4	N/A	1	304	0.00	85.17
Hs.436787	10.68	23.84	0.45	chrX	N/A	8	377	32.82	49.53
Hs.190440	100.98	225.49	0.45	chr2	N/A	6	355	60.96	66.99
LRR1Q1	8.63	19.26	0.45	chr12	12q21.31	27	535	68.31	81.86
TDP2	78.78	175.93	0.45	chr6	6p22.3-p22.1	33	572	76.79	82.98
RABGEF1	33.21	74.17	0.45	chr7	7q11.21	78	1128	81.55	81.92
Hs.181245	4.36	9.73	0.45	chr1	N/A	3	326	30.67	54.45
C7orf63	20.17	45.06	0.45	chr7	7q21.13	32	835	137.96	127.44
Hs.687862	6.31	14.10	0.45	chr1	N/A	1	304	0.00	76.73
OPN3	28.91	64.58	0.45	chr1	1q43	42	915	71.09	103.59
BMP7	29.22	65.29	0.45	chr20	20q13	84	2033	72.34	377.54

Hs.657176	5.08	11.34	0.45	chr7	N/A	1	304	0.00	61.29
Hs.658974	11.32	25.28	0.45	chr11	N/A	8	377	39.71	59.18
CLN5	42.43	94.81	0.45	chr13	13q21.1-q32	57	1518	88.94	105.08
Hs.656042	8.47	18.93	0.45	chr20	N/A	14	146	80.65	99.66
SIPA1L3	22.14	49.48	0.45	chr19	19q13.13	47	1571	92.79	109.61
Hs.595472	5.95	13.29	0.45	chr16	N/A	10	28	16.11	29.57
Hs.543249	10.08	22.51	0.45	chr3	N/A	10	73	44.07	135.96
SEP15	158.80	354.88	0.45	chr1	1p31	40	605	141.71	76.15
GATM	87.19	194.86	0.45	chr15	15q21.1	48	1958	113.81	237.88
PRKAR1B	26.11	58.35	0.45	chr7	7p22	66	1128	114.31	114.98
WNK3	16.17	36.13	0.45	chrX	Xp11.22	58	1195	214.73	126.20
RAB1A	153.55	343.24	0.45	chr2	2p14	66	1894	108.41	143.72
Hs.693701	63.03	140.92	0.45	chr9	N/A	5	420	115.33	85.15
Hs.666418	8.86	19.81	0.45	chr5	N/A	7	73	24.51	90.22
Hs.57870	6.12	13.68	0.45	chr3	N/A	10	73	41.22	88.29
Hs.659397	7.60	16.99	0.45	chr16	N/A	2	16	27.17	29.18
Hs.655490	7.41	16.57	0.45	chr15	N/A	7	459	61.28	97.48
Hs.657386	17.75	39.69	0.45	chr17	N/A	12	493	85.19	51.31
CCAR1	59.72	133.53	0.45	chr10	10q21.3	22	1056	76.52	126.88
TUSC1	91.65	204.97	0.45	chr9	9p21.2	27	372	59.69	57.60
Hs.666227	7.26	16.23	0.45	chr21	N/A	2	22	28.43	52.36
Hs.127351	5.14	11.50	0.45	chr3	N/A	3	66	46.22	97.47
ITGAM	35.95	80.41	0.45	chr16	16p11.2	54	1186	106.84	450.15
TRAJ17	3.04	6.80	0.45	chr14	14q11	1	304	0.00	71.72
Hs.664354	6.51	14.56	0.45	chr9	N/A	1	304	0.00	52.28
Hs.597417	11.12	24.88	0.45	chr5	N/A	7	73	62.27	59.32
Hs.632074	4.56	10.21	0.45	chr9	N/A	2	22	21.67	87.10
DHRS1	80.25	179.52	0.45	chr14	14q12	42	639	62.10	92.30
ANXA1	367.86	822.95	0.45	chr9	9q21.13	41	908	199.88	220.75
ZNF215	6.00	13.43	0.45	chr11	11p15.4	32	793	95.24	119.24
TACC3	19.31	43.20	0.45	chr4	4p16.3	28	532	127.95	136.99
Hs.672861	19.27	43.11	0.45	chr4	N/A	1	304	0.00	67.48
RMST	18.10	40.51	0.45	chr12	12q21	17	1060	107.05	394.08
Hs.673510	16.08	35.98	0.45	chr9	N/A	1	304	0.00	65.90
FAM187B	8.26	18.48	0.45	chr19	19q13.12	19	384	41.29	171.46
Hs.744237	10.44	23.37	0.45	chr18	N/A	17	101	84.50	98.23
Hs.665354	9.09	20.34	0.45	chr11	N/A	8	377	51.57	55.98
Hs.732059	15.41	34.48	0.45	chr1	N/A	7	73	64.04	98.65
Hs.661596	32.04	71.72	0.45	chr11	N/A	7	73	66.32	195.24
Hs.539367	15.17	33.97	0.45	chr12	N/A	10	73	44.04	52.76
GABBR1	58.26	130.43	0.45	chr6	6p21.31	50	739	131.21	98.98
ABCC6	18.37	41.12	0.45	chr16	16p13.1	67	1470	105.01	188.12
NPTN	214.01	479.13	0.45	chr15	15q22	62	706	179.72	83.75
Hs.156798	12.59	28.19	0.45	chr3	N/A	7	73	113.03	85.19
C1orf61	34.20	76.58	0.45	chr1	1q22	66	1795	372.33	322.25
SLC38A2	263.43	589.82	0.45	chr12	12q	67	1561	128.88	81.10
Hs.634270	4.01	8.98	0.45	chr5	N/A	7	73	51.67	173.71
PIH1D1	76.17	170.57	0.45	chr19	19q13.33	25	533	90.56	40.79
CACNA1S	16.98	38.02	0.45	chr1	1q32	30	563	138.15	246.87
Hs.675441	8.49	19.02	0.45	chr1	N/A	15	448	40.95	46.08
LINC00029	15.95	35.72	0.45	chr20	20q13.33	19	385	70.08	99.00
Hs.541326	5.67	12.69	0.45	chr19	N/A	7	73	40.61	83.29
MRGPRG-AS1	27.83	62.33	0.45	chr11	11p15.4	19	365	52.95	52.84
Hs.729463	4.80	10.75	0.45	chr10	N/A	2	22	19.46	47.30
SAG	13.65	30.58	0.45	chr2	2q37.1	40	762	103.12	97.37
Hs.655632	23.51	52.67	0.45	chr9	N/A	8	377	40.07	44.37
Hs.332649	5.62	12.59	0.45	chr6	N/A	1	304	0.00	57.30
Hs.18891	10.54	23.62	0.45	chr1	N/A	11	377	44.66	61.37
Hs.573188	122.38	274.19	0.45	chr5	N/A	7	73	70.55	62.11
Hs.105416	11.91	26.68	0.45	chr4	N/A	7	73	53.08	158.40
SBK1	20.28	45.44	0.45	chr16	16p11.2	38	737	103.26	92.18
Hs.662545	3.48	7.80	0.45	chr14	N/A	1	304	0.00	67.29
DMRTB1	14.44	32.36	0.45	chr1	1p32.3	35	546	73.43	289.76
NOC3L	33.52	75.12	0.45	chr10	10q23.33	125	750	51.72	57.58
LOC100507261	11.49	25.76	0.45	chr11	N/A	8	378	92.28	65.64
Hs.19603	6.10	13.67	0.45	chrX	N/A	15	85	38.80	83.43
FAM129C	19.00	42.59	0.45	chr19	19p13.11	38	1137	133.66	197.60
Hs.677363	6.14	13.75	0.45	chr4	N/A	11	332	22.21	75.02
Hs.633120	8.51	19.08	0.45	chr18	N/A	7	73	123.92	99.15
MVB12B	23.21	52.02	0.45	chr9	9q33.3	86	2383	142.31	130.21
Hs.539161	8.81	19.75	0.45	chr12	N/A	10	73	66.10	63.01
Hs.712831	15.52	34.81	0.45	chr2	N/A	7	73	29.74	104.51
Hs.458395	13.23	29.66	0.45	chr6	N/A	8	377	60.55	86.17
Hs.651430	3.39	7.61	0.45	chr11	N/A	1	306	0.00	74.96
Hs.143963	9.83	22.04	0.45	chr1	N/A	14	332	35.38	48.92
GIMAP2	30.99	69.49	0.45	chr7	7q36.1	29	468	90.56	234.29
SPDYE3	18.03	40.45	0.45	chr7	7q22.1	124	276	111.92	73.29
Hs.630709	17.79	39.91	0.45	chr2	N/A	1	304	0.00	84.99
ELOVL2-AS1	9.03	20.24	0.45	chr6	N/A	28	436	209.95	147.22
Hs.658658	12.93	29.02	0.45	chr3	N/A	8	377	63.06	75.58
Hs.707224	81.63	183.19	0.45	chr17	N/A	7	73	85.42	67.32
Hs.444573	7.16	16.06	0.45	chr15	N/A	7	73	80.26	77.14
Hs.659012	15.29	34.31	0.45	chr12	N/A	7	73	50.00	78.78
Hs.438851	15.70	35.24	0.45	chr5	N/A	7	73	108.94	57.36
Hs.564029	26.75	60.02	0.45	chr10	N/A	10	73	131.62	61.58
TTY11	14.86	33.35	0.45	chrY	Yp11.2	19	384	92.82	98.52
Hs.519932	5.43	12.18	0.45	chr6	N/A	2	22	24.32	90.15
Hs.601059	23.79	53.39	0.45	chr12	N/A	7	73	69.40	71.50
CIT	39.78	89.27	0.45	chr12	12q24	47	1071	149.13	136.27
Hs.585334	6.90	15.49	0.45	chr3	N/A	2	22	35.45	60.49
SP8	10.02	22.49	0.45	chr7	7p21.2	28	750	89.22	108.26
DDX31	18.77	42.12	0.45	chr9	9q34.13	47	918	111.82	89.47
HR	19.75	44.34	0.45	chr8	8p21.2	46	1363	89.28	79.94

Hs.658577	7.45	16.73	0.45	chr2	N/A	7	73	50.92	104.90
GGACT	18.03	40.47	0.45	chr13	13q32.3	35	919	171.76	209.57
TANGO6	28.19	63.28	0.45	chr16	16q22.1	25	521	195.07	60.00
Hs.436442	6.90	15.50	0.45	chr13	N/A	4	304	36.14	51.58
Hs.713165	20.02	44.93	0.45	chr3	N/A	2	16	92.08	12.64
CCDC42	15.62	35.06	0.45	chr17	17p13.1	19	356	230.76	299.00
VPRBP	25.13	56.41	0.45	chr3	3p21.2	58	1965	96.54	99.20
ANP32B	245.72	551.69	0.45	chr9	9q22.32	42	1077	186.26	79.40
Hs.656399	9.85	22.12	0.45	chr14	N/A	7	73	32.15	56.95
TLL4	17.56	39.43	0.45	chr2	2p24.3-p24.1	40	1380	87.02	67.54
TXLNG	27.98	62.85	0.45	chrX	Xp22.2	40	1159	132.72	86.89
Hs.666795	30.70	68.95	0.45	chr14	N/A	1	304	0.00	50.32
Hs.355689	14.51	32.58	0.45	chr18	N/A	11	377	56.42	88.18
Hs.544032	5.39	12.11	0.45	chr5	N/A	10	28	25.72	39.68
Hs.732620	6.69	15.04	0.45	chr10	N/A	1	304	0.00	70.43
HYMA1	16.23	36.45	0.45	chr6	6q24.2	8	420	38.05	86.49
RHOXF2B	12.38	27.81	0.45	chrX	Xq24	26	466	92.45	141.24
LOC100506684	15.43	34.65	0.45	chr12	N/A	25	478	162.90	66.86
ATP6V1G3	7.66	17.21	0.45	chr1	1q31.3	34	478	95.83	252.86
Hs.729477	8.62	19.37	0.45	chr22	N/A	8	377	59.31	62.80
Hs.628306	8.02	18.01	0.45	chr12	N/A	4	370	47.91	78.97
OR4N4	7.57	17.01	0.45	chr15	15q11.2	46	1395	66.89	242.50
ATP6AP2	123.45	277.43	0.44	chrX	Xp11.4	47	1507	104.81	118.78
Hs.544949	6.88	15.46	0.44	chr7	N/A	7	73	59.66	110.01
MF12	16.03	36.02	0.44	chr3	3q28-q29	59	1578	64.82	265.36
Hs.666926	7.79	17.50	0.44	chr10	N/A	7	73	95.62	94.04
Hs.463556	9.67	21.75	0.44	chr17	N/A	4	304	49.14	62.96
SURF4	115.15	258.82	0.44	chr9	9q34.2	36	1053	89.29	73.27
CAT	138.09	310.39	0.44	chr11	11p13	50	1490	150.84	179.52
ADAMTS15	15.82	35.57	0.44	chr11	11q25	31	870	115.08	120.83
LOC729680	27.82	62.54	0.44	chr13	13q12.11	2	16	107.39	76.89
DAOA	5.02	11.29	0.44	chr13	13q34	28	666	62.02	90.72
Hs.624103	5.63	12.66	0.44	chr17	N/A	7	73	99.71	119.22
GLS2	10.97	24.67	0.44	chr12	12q13	36	1489	67.17	241.97
TSPAN5	32.91	73.99	0.44	chr4	4q23	115	2280	193.63	113.96
Hs.598845	9.60	21.59	0.44	chr11	N/A	5	51	103.24	78.80
Hs.594255	7.40	16.63	0.44	chr1	N/A	7	73	41.43	60.52
PIGV	26.05	58.57	0.44	chr1	1p36.11	33	953	122.82	85.57
Hs.677282	4.86	10.92	0.44	chr6	N/A	10	840	70.70	76.33
HECTD3	48.78	109.68	0.44	chr1	1p34.1	37	658	94.66	70.70
Hs.596815	13.61	30.60	0.44	chr6	N/A	7	73	48.72	69.32
Hs.149769	3.90	8.78	0.44	chr16	N/A	3	326	26.32	136.28
LINC00663	12.35	27.78	0.44	chr19	19p13.11	15	636	93.94	73.33
TPGS1	11.91	26.81	0.44	chr19	19p13.3	32	813	61.01	70.71
FAM210B	145.33	327.05	0.44	chr20	20q13.2	38	853	83.89	82.49
SLC5A5	25.01	56.28	0.44	chr19	19p13.11	27	499	167.53	80.28
FARP2	18.47	41.56	0.44	chr2	2q37.3	39	1208	112.76	77.48
FZD5	19.29	43.43	0.44	chr2	2q33.3	65	1086	100.39	171.13
Hs.662590	10.37	23.34	0.44	chr11	N/A	7	73	83.69	64.62
SV2A	30.14	67.85	0.44	chr1	1q21.2	30	527	120.52	161.67
Hs.634168	4.50	10.13	0.44	chr6	N/A	1	304	0.00	66.03
PLEKHG2	33.75	75.98	0.44	chr19	19q13.2	23	1046	97.21	131.11
LINC00301	8.59	19.34	0.44	chr11	11q12.2	26	975	51.50	347.25
MGC27345	35.45	79.80	0.44	chr7	7q32.1	31	451	54.78	43.27
CPA4	21.65	48.74	0.44	chr7	7q32	40	613	83.53	75.25
Hs.733382	209.55	471.82	0.44	chr2	N/A	7	73	115.01	203.02
TFAP4	20.03	45.11	0.44	chr16	16p13	38	584	84.65	83.49
Hs.677093	8.44	19.00	0.44	chr3	N/A	19	868	87.43	86.40
GJC3	26.67	60.07	0.44	chr7	7q22.1	28	111	96.30	76.32
TMEM98	130.54	294.00	0.44	chr17	17q11.2	39	497	103.34	93.37
Hs.613664	3.18	7.17	0.44	chr9	N/A	1	304	0.00	108.42
Hs.22543	8.28	18.66	0.44	chr15	N/A	7	73	57.81	95.11
LINC00174	15.35	34.58	0.44	chr7	7q11.21	8	377	75.09	98.38
Hs.518419	7.57	17.05	0.44	chr3	N/A	7	73	66.53	87.59
Hs.661694	6.54	14.72	0.44	chr15	N/A	7	73	29.14	48.22
TTL	29.57	66.63	0.44	chr2	2q13	52	1148	156.88	226.31
Hs.667230	9.83	22.17	0.44	chr2	N/A	7	73	51.56	59.86
KIAA0907	70.31	158.48	0.44	chr1	1q22	46	955	106.13	82.38
C11orf52	20.90	47.11	0.44	chr11	11q23.1	19	395	68.12	83.04
KIAA1432	21.57	48.62	0.44	chr9	9p24.1	67	1674	97.61	419.46
LGB3	27.12	61.13	0.44	chr8	8p21.3	24	447	95.53	324.89
PCDHAC1	63.93	144.12	0.44	chr5	5q31	5	52	151.88	49.82
Hs.576343	8.74	19.71	0.44	chr1	N/A	6	66	72.29	201.51
Hs.116465	9.89	22.31	0.44	chr16	N/A	7	73	96.65	130.04
Hs.602416	30.33	68.39	0.44	chr16	N/A	7	73	76.89	67.69
LOC100507501	16.22	36.58	0.44	chr16	N/A	4	370	72.33	96.02
SKA2	39.73	89.61	0.44	chr17	17q22	57	856	129.74	98.70
RFFL	25.06	56.52	0.44	chr17	17q12	40	1932	117.03	100.64
ELF1	64.02	144.41	0.44	chr13	13q13	75	1323	161.21	108.38
GTF2H2	35.59	80.27	0.44	chr5	5q13.2	36	1324	71.62	104.51
Hs.126691	16.04	36.18	0.44	chr22	N/A	2	608	92.87	63.40
SLC26A6	19.85	44.78	0.44	chr3	3p21.3	55	950	90.09	52.42
Hs.385569	7.52	16.96	0.44	chr2	N/A	2	608	108.18	50.75
SAV1	46.91	105.84	0.44	chr14	14q13-q23	57	1331	79.04	79.78
LRCH2	15.36	34.66	0.44	chrX	Xq23	19	385	93.47	90.19
Hs.604264	7.82	17.64	0.44	chr13	N/A	7	73	115.57	100.81
Hs.655781	5.00	11.29	0.44	chr15	N/A	1	304	0.00	57.34
Hs.666238	8.36	18.87	0.44	chr14	N/A	2	22	44.89	79.28
Hs.460921	57.28	129.25	0.44	chr1	N/A	5	22	129.37	50.53
EFCAB1	7.94	17.92	0.44	chr8	8q11.21	47	1232	77.79	102.53
ARHGEF16	30.80	69.51	0.44	chr1	1p36.3	30	576	120.04	56.95
Hs.605998	8.61	19.43	0.44	chr12	N/A	2	608	62.13	56.13
SIX2	19.05	42.99	0.44	chr2	2p21	26	873	54.24	86.85

FCAMR	83.46	188.36	0.44	chr1	1q32.1	39	486	332.33	308.89
Hs.146447	8.29	18.71	0.44	chr15	N/A	10	28	36.77	50.91
CHST8	18.26	41.21	0.44	chr19	19q13.1	31	486	68.90	81.60
Hs.666042	5.48	12.36	0.44	chr4	N/A	7	73	34.89	95.50
HMGXB4	41.13	92.85	0.44	chr22	22q13.1	45	1058	104.72	58.11
MYO1D	14.73	33.25	0.44	chr17	17q11-q12	72	1192	119.15	157.91
HAAO	29.92	67.55	0.44	chr2	2p21	37	643	74.17	186.39
Hs.602677	8.93	20.16	0.44	chr3	N/A	3	66	32.36	45.29
PPFIA3	21.11	47.68	0.44	chr19	19q13.33	35	982	58.55	78.37
CD55	81.02	182.95	0.44	chr1	1q32	76	1470	199.55	195.14
C5orf27	21.17	47.82	0.44	chr5	5q15	29	416	69.13	190.74
TTY23B	5.50	12.42	0.44	chrY	Yp11.2	13	28	34.23	108.72
POLQ	14.65	33.10	0.44	chr3	3q13.33	38	924	70.10	65.28
PRDM15	11.41	25.76	0.44	chr21	21q22.3	47	1938	103.74	84.26
PP7080	29.66	67.00	0.44	chr5	5p15.33	26	992	64.21	84.33
ZNF284	16.39	37.04	0.44	chr19	19q13.31	26	457	72.54	44.70
Hs.693271	36.75	83.04	0.44	chr9	N/A	2	16	27.81	17.24
TRA2B	114.33	258.37	0.44	chr3	3q26.2-q27	68	1676	110.98	114.43
PPP4R1	64.52	145.82	0.44	chr18	18p11.22	64	824	121.36	105.17
Hs.586797	14.97	33.83	0.44	chr12	N/A	12	636	35.13	49.20
RC3H1	35.54	80.33	0.44	chr1	1q25.1	45	976	101.79	85.44
CTCF	77.45	175.07	0.44	chr20	20q13.31	25	873	194.61	100.20
KCNJ10	16.84	38.07	0.44	chr1	1q23.2	72	1155	127.55	213.34
Hs.591419	12.07	27.28	0.44	chr1	N/A	7	73	82.86	84.04
Hs.652674	3.76	8.50	0.44	chr5	N/A	2	608	14.16	73.02
Hs.624779	3.14	7.10	0.44	chr16	N/A	1	304	0.00	76.86
LYSMD3	32.29	73.00	0.44	chr5	5q14.3	39	563	84.09	68.47
MAPT	52.76	119.30	0.44	chr17	17q21.1	96	2532	247.35	174.43
LOC100507651	7.07	15.98	0.44	chr8	N/A	17	101	98.89	110.99
RCAN3AS	6.59	14.91	0.44	chr1	1p36.11	7	73	59.39	72.69
Hs.660124	12.32	27.87	0.44	chr10	N/A	7	73	56.05	81.79
Hs.634924	10.12	22.88	0.44	chr3	N/A	7	73	60.98	88.23
TMEM26	12.32	27.85	0.44	chr10	10q21.2	43	544	132.11	194.75
AFAP1L2	24.43	55.26	0.44	chr10	10q25.3	39	496	120.64	110.43
Hs.632463	18.41	41.63	0.44	chr1	N/A	11	377	145.47	50.11
Hs.659298	24.67	55.81	0.44	chr2	N/A	7	73	64.24	80.95
SLC10A6	16.33	36.94	0.44	chr4	4q21.3	9	156	160.31	131.49
Hs.658371	11.91	26.95	0.44	chr6	N/A	7	73	121.59	60.79
Hs.731003	17.90	40.50	0.44	chr4	N/A	3	66	100.88	95.96
Hs.656523	9.04	20.45	0.44	chr20	N/A	2	16	12.58	27.75
Hs.691160	12.07	27.30	0.44	chr2	N/A	2	620	87.33	79.44
Hs.732524	15.81	35.78	0.44	chr7	N/A	1	304	0.00	59.99
Hs.58013	13.33	30.17	0.44	chr14	N/A	4	304	90.09	59.39
Hs.659652	6.21	14.04	0.44	chr2	N/A	2	22	39.82	59.28
Hs.664583	18.37	41.58	0.44	chr11	N/A	7	73	44.28	146.21
GFII1	9.31	21.09	0.44	chr1	1p22	30	581	70.52	149.52
LOC728741	190.75	431.90	0.44	chr16	16p11.2	2	16	22.16	46.51
LOC643669	18.43	41.72	0.44	chr19	19q13.2	16	28	125.21	62.04
Hs.551940	12.83	29.06	0.44	chr14	N/A	4	304	60.61	66.60
Hs.733130	137.44	311.21	0.44	chr4	N/A	7	73	48.21	92.82
Hs.353024	11.81	26.73	0.44	chr22	N/A	13	28	159.19	75.36
Hs.148527	4.67	10.58	0.44	chr21	N/A	2	22	78.25	54.53
Hs.656474	4.72	10.68	0.44	chr18	N/A	18	405	52.20	83.89
Hs.732955	8.33	18.86	0.44	chr20	N/A	14	146	46.56	85.38
JARID2	40.54	91.83	0.44	chr6	6p24-p23	38	1352	78.22	85.63
RNF157	25.29	57.29	0.44	chr17	17q25.1	46	914	152.68	120.28
Hs.369680	17.68	40.05	0.44	chr17	N/A	14	146	120.39	552.72
IQCJ	6.15	13.94	0.44	chr3	3q25.32	2	52	6.09	123.54
SGK223	39.58	89.67	0.44	chr8	8p23.1	28	490	99.39	114.31
Hs.665545	6.35	14.40	0.44	chr6	N/A	1	304	0.00	69.84
TRIM16L	46.71	105.83	0.44	chr17	17p11.2	5	16	102.81	49.73
Hs.248049	5.68	12.86	0.44	chr5	N/A	10	28	69.45	85.85
Hs.540473	21.25	48.15	0.44	chr16	N/A	7	73	79.58	189.84
Hs.49530	5.55	12.58	0.44	chr3	N/A	14	146	35.25	141.20
LOC100131320	29.37	66.55	0.44	chr2	2q21.1	7	73	72.90	72.43
KITLG	22.22	50.37	0.44	chr12	12q22	76	1491	148.33	181.49
FLJ42102	8.50	19.26	0.44	chr11	11q13.4	10	73	76.52	117.37
Hs.732641	16.25	36.84	0.44	chr15	N/A	2	22	84.56	53.54
Hs.732063	41.03	93.03	0.44	chr7	N/A	7	73	103.37	91.23
C15orf56	9.64	21.86	0.44	chr15	15q15.1	28	478	71.33	834.32
ARL9	13.41	30.42	0.44	chr4	4q12	16	429	112.01	80.48
Hs.635251	4.08	9.25	0.44	chr1	N/A	5	22	41.85	79.78
CD9	229.45	520.31	0.44	chr12	12p13.3	42	1258	161.53	179.29
Hs.568860	20.60	46.71	0.44	chr10	N/A	11	332	28.05	52.54
ABCG2	26.02	59.00	0.44	chr4	4q22	54	862	100.78	93.25
Hs.376443	10.43	23.66	0.44	chr15	N/A	7	73	84.91	89.43
RDH11	87.94	199.47	0.44	chr14	14q24.1	65	1952	107.36	318.84
Hs.659034	20.80	47.19	0.44	chr18	N/A	8	377	92.66	79.60
Hs.675920	12.30	27.90	0.44	chr11	N/A	1	304	0.00	33.77
SIGLEC10	13.40	30.41	0.44	chr19	19q13.3	20	688	104.92	97.28
VPS11	45.21	102.57	0.44	chr11	11q23	40	605	94.27	49.04
Hs.659484	7.46	16.93	0.44	chr6	N/A	7	73	49.77	83.82
SELM	132.51	300.62	0.44	chr22	22q12.2	17	344	41.64	72.86
WDFY3	26.16	59.35	0.44	chr4	4q21.23	126	2206	147.85	95.23
PHACTR4	126.96	288.05	0.44	chr1	1p35.3	51	978	299.69	238.34
SSC5D	28.37	64.37	0.44	chr19	19q13.42	17	332	74.24	63.41
CLEC4A	10.70	24.28	0.44	chr12	12p13	36	955	60.01	108.72
Hs.128615	8.55	19.41	0.44	chr1	N/A	10	73	63.02	62.23
CYSLTR1	12.59	28.56	0.44	chrX	Xq13.2-q21.1	32	783	111.01	110.67
Hs.732997	20.25	45.96	0.44	chr19	N/A	7	73	148.81	84.25
DYNC2H1	12.85	29.15	0.44	chr11	11q21-q22.1	52	1432	125.36	104.00
Hs.634153	45.36	102.95	0.44	chr11	N/A	4	304	17.91	65.05
SLC25A31	7.19	16.31	0.44	chr4	4q28.1	27	514	113.14	350.16

ITGBL1	23.86	54.16	0.44	chr13	13q33	77	1572	123.87	341.71
LGALS12	21.15	48.01	0.44	chr11	11q13	21	436	71.13	160.07
Hs.732668	19.56	44.39	0.44	chr9	N/A	1	304	0.00	45.62
Hs.550772	4.31	9.78	0.44	chrX	N/A	1	304	0.00	67.96
GPR157	28.24	64.10	0.44	chr1	1p36.23	29	799	70.98	119.02
Hs.612925	27.59	62.64	0.44	chr16	N/A	1	304	0.00	96.97
Hs.483906	11.94	27.11	0.44	chr5	N/A	11	703	54.12	83.22
Hs.541008	10.96	24.88	0.44	chr18	N/A	10	73	33.02	146.02
Hs.666973	5.81	13.18	0.44	chr4	N/A	7	73	35.64	70.08
FLJ14107	15.92	36.14	0.44	chr8	8p21.3	21	456	47.91	53.63
TMEM30B	27.52	62.48	0.44	chr14	14q23.1	58	1349	82.63	190.94
INSRR	9.52	21.61	0.44	chr1	1q21-q23	21	451	74.14	83.28
TEX26-AS1	7.05	16.00	0.44	chr13	N/A	2	610	0.16	81.16
Hs.105147	5.96	13.52	0.44	chr17	N/A	10	73	45.03	54.13
Hs.736359	5.85	13.28	0.44	chr8	N/A	1	304	0.00	64.84
Hs.713797	29.50	66.99	0.44	chr20	N/A	22	160	97.92	96.45
Hs.602805	6.49	14.73	0.44	chr3	N/A	7	73	52.78	71.38
Hs.505146	7.91	17.97	0.44	chr21	N/A	7	73	50.34	155.24
FAM24B	14.06	31.94	0.44	chr10	10q26.13	27	416	82.29	53.36
Hs.662792	58.92	133.87	0.44	chr2	N/A	1	304	0.00	51.08
Hs.104801	26.98	61.31	0.44	chr1	N/A	7	73	116.77	171.60
GPR65	11.64	26.44	0.44	chr14	14q31-q32.1	40	648	95.28	130.32
FAM71E2	6.51	14.79	0.44	chr19	19q13.42	25	676	49.27	149.90
Hs.644160	16.75	38.06	0.44	chr5	N/A	21	405	46.03	40.70
Hs.638433	9.55	21.71	0.44	chr19	N/A	10	16	74.71	21.96
Hs.24286	20.04	45.56	0.44	chr3	N/A	8	377	135.70	48.76
RBM26	31.78	72.24	0.44	chr13	13q31.1	58	1940	120.50	123.41
CNTRL	22.54	51.23	0.44	chr9	9q33.2	58	1285	160.01	158.70
Hs.60136	25.61	58.22	0.44	chr7	N/A	7	73	48.91	74.35
Hs.446265	5.20	11.81	0.44	chr16	N/A	7	73	46.76	98.09
ASIC1	19.49	44.31	0.44	chr12	12q12	38	989	80.16	87.51
TROVE2	71.63	162.85	0.44	chr1	1q31	83	2391	134.93	132.14
Hs.670240	16.12	36.66	0.44	chr8	N/A	1	304	0.00	65.37
IL1A	9.57	21.76	0.44	chr2	2q14	51	1108	94.92	100.73
Hs.680592	10.32	23.47	0.44	chr4	N/A	2	608	53.77	85.66
Hs.105944	9.21	20.95	0.44	chr7	N/A	8	377	78.63	61.19
TM6SF2	14.04	31.92	0.44	chr19	19p13.3-p12	26	688	79.76	122.15
AKAP11	50.49	114.81	0.44	chr13	13q14.11	81	1247	133.05	103.24
LRRK1	17.17	39.06	0.44	chr15	15q26.3	36	579	64.62	63.12
OR10J1	16.15	36.72	0.44	chr1	1q23.2	24	454	87.48	90.08
WFDC12	27.12	61.69	0.44	chr20	20q13.12	22	390	202.13	169.24
TOMM34	57.85	131.59	0.44	chr20	N/A	48	787	137.82	140.08
Hs.649344	7.61	17.32	0.44	chr7	N/A	5	34	56.51	50.45
Hs.99122	5.21	11.84	0.44	chr8	N/A	3	66	57.38	102.56
NEAT1	404.80	921.01	0.44	chr11	11q13.1	86	2204	228.47	137.25
Hs.734867	75.47	171.71	0.44	chr17	N/A	1	304	0.00	83.59
H6PD	32.83	74.71	0.44	chr1	1p36	89	1896	137.51	121.29
SETD2	37.31	84.90	0.44	chr3	3p21.31	72	1499	93.09	83.75
HLA-DPA1	360.93	821.35	0.44	chr6	6p21.3	45	1032	130.68	109.20
Hs.659243	14.81	33.70	0.44	chr12	N/A	22	523	143.38	82.79
KIF19	11.27	25.65	0.44	chr17	17q25.1	32	734	104.00	111.51
OSBPL11	27.65	62.93	0.44	chr3	3q21	64	1299	111.28	95.43
TNFRSF17	11.11	25.28	0.44	chr16	16p13.1	32	625	150.88	148.17
Hs.732419	11.22	25.53	0.44	chr14	N/A	7	73	100.67	93.67
DNM3OS	8.86	20.17	0.44	chr1	1q24.3	11	340	54.79	145.39
MORC4	37.99	86.48	0.44	chrX	Xq22.3	28	533	66.49	83.50
ZNF606	21.19	48.23	0.44	chr19	19q13.4	29	834	60.99	40.40
Hs.195633	7.08	16.10	0.44	chr9	N/A	7	73	27.06	362.34
GP1BA	29.47	67.08	0.44	chr17	17pter-p12	33	527	99.25	87.73
ZCCHC2	27.36	62.28	0.44	chr18	18q21.33	52	1638	111.82	129.99
Hs.694796	39.69	90.35	0.44	chr15	N/A	24	991	85.17	61.09
PCF11	41.97	95.54	0.44	chr11	11q13	59	1161	110.97	78.11
PP1B	275.39	626.96	0.44	chr15	15q21-q22	35	997	113.63	75.29
REEP3	42.47	96.70	0.44	chr10	10q21.3	61	942	126.00	112.21
CHST2	32.94	75.00	0.44	chr3	3q24	30	577	53.93	87.58
DIAPH2	29.47	67.10	0.44	chrX	Xq21.33	60	1146	82.25	78.59
Hs.694201	79.42	180.84	0.44	chr12	N/A	1	304	0.00	27.43
Hs.601048	7.75	17.64	0.44	chr3	N/A	7	73	92.10	67.73
Hs.535266	20.86	47.49	0.44	chr1	N/A	7	73	60.09	109.46
SRP9	285.75	650.76	0.44	chr1	1q42.12	73	665	147.45	90.42
Hs.657736	47.96	109.23	0.44	chr10	N/A	1	304	0.00	31.78
Hs.557559	18.59	42.33	0.44	chr18	N/A	11	377	79.03	230.01
Hs.192729	6.12	13.94	0.44	chr8	N/A	11	377	64.45	63.52
Hs.602731	12.98	29.57	0.44	chr17	N/A	2	22	28.31	39.98
IGFBP6	155.50	354.23	0.44	chr12	12q13	30	577	72.36	150.83
CHST11	17.02	38.78	0.44	chr12	12q	47	1259	160.42	80.51
FCGBP	85.00	193.68	0.44	chr19	19q13.1	53	678	147.65	227.50
DHX36	68.23	155.48	0.44	chr3	3q25.2	53	1600	94.40	88.29
AGPAT4-IT1	35.12	80.04	0.44	chr6	6q26	19	393	203.44	102.90
Hs.445371	4.73	10.79	0.44	chr17	N/A	1	304	0.00	76.01
PDCD11	29.22	66.60	0.44	chr10	10q24.33	38	1117	107.44	57.92
PITRM1-AS1	11.64	26.52	0.44	chr10	N/A	1	304	0.00	50.22
LRI13	29.19	66.53	0.44	chr4	4q25	10	104	165.46	112.66
PARP4	69.78	159.06	0.44	chr13	13q11	54	751	120.16	90.18
Hs.125614	8.38	19.10	0.44	chr1	N/A	3	326	105.53	57.58
Hs.519477	6.08	13.86	0.44	chr5	N/A	10	73	40.66	73.59
FOXRED1	42.20	96.20	0.44	chr11	11q24.2	27	425	112.70	53.57
UBXN8	27.22	62.06	0.44	chr8	8p12-p11.2	37	650	60.52	111.20
KDELRL2	124.65	284.19	0.44	chr7	7p22.1	69	760	107.98	83.74
Hs.583741	16.29	37.14	0.44	chr12	N/A	2	16	45.63	18.67
Hs.595640	8.44	19.24	0.44	chr5	N/A	7	73	33.87	61.82
Hs.98173	6.73	15.35	0.44	chr18	N/A	21	409	44.76	70.24
GHR	41.25	94.07	0.44	chr5	5p13-p12	59	815	108.45	204.62

Hs.668204	5.01	11.43	0.44	chr22	N/A	7	73	51.36	81.24
Hs.654763	29.62	67.55	0.44	chr8	N/A	47	1001	54.77	61.04
Hs.535746	11.03	25.16	0.44	chr4	N/A	18	416	62.45	116.71
SCUBE3	24.27	55.35	0.44	chr6	6p21.3	63	1639	84.49	312.93
ANKS3	21.99	50.16	0.44	chr16	16p13.3	26	461	49.77	62.32
CMTM1	11.34	25.88	0.44	chr16	16q21	36	725	69.21	268.99
Hs.666363	6.32	14.42	0.44	chr11	N/A	2	22	21.55	61.65
Hs.575187	5.08	11.58	0.44	chr5	N/A	7	73	57.57	81.24
Hs.513672	8.22	18.75	0.44	chr16	N/A	15	450	44.89	67.63
BTN3A2	32.47	74.11	0.44	chr6	6p22.1	50	1064	69.96	122.23
Hs.663990	13.42	30.62	0.44	chr7	N/A	7	73	40.11	118.18
OR2W3	8.12	18.54	0.44	chr1	1q44	1	304	0.00	89.13
Hs.601588	9.25	21.10	0.44	chr5	N/A	7	73	57.54	99.47
Hs.664045	40.48	92.42	0.44	chr11	N/A	1	304	0.00	64.05
Hs.444370	8.96	20.45	0.44	chr17	N/A	11	377	36.52	54.47
NKX2-1-AS1	4.30	9.81	0.44	chr14	N/A	1	304	0.00	64.76
Hs.656635	6.00	13.71	0.44	chr12	N/A	7	73	37.07	75.65
RGPD4	139.13	317.72	0.44	chr2	2q12.3	13	73	113.13	71.54
GPBP1L1	61.04	139.39	0.44	chr1	1p34.1	52	1198	78.14	61.71
Hs.659040	22.26	50.83	0.44	chr3	N/A	25	589	41.54	52.48
VPS13C	44.16	100.87	0.44	chr15	15q22.2	91	1969	136.75	126.29
INSM2	18.49	42.22	0.44	chr14	14q13.2	19	389	181.85	115.83
LOC728763	8.66	19.77	0.44	chr2	2q37.3	5	16	84.12	41.69
LY6G6D	12.01	27.43	0.44	chr6	6p21.3	15	503	111.85	75.33
Hs.144722	4.97	11.34	0.44	chr9	N/A	2	22	6.16	38.96
KDELR1	143.26	327.25	0.44	chr19	19q13.3	43	947	118.14	85.92
ADRBK2	22.41	51.19	0.44	chr22	22q12.1	62	1508	99.21	99.19
Hs.105821	10.95	25.01	0.44	chr7	N/A	10	73	77.09	137.27
C10orf25	8.91	20.35	0.44	chr10	10q11.21	17	334	44.47	61.50
Hs.664827	12.74	29.10	0.44	chr19	N/A	7	73	67.76	73.88
Hs.657601	21.81	49.83	0.44	chr6	N/A	8	377	65.61	45.16
SLC24A2	18.81	42.98	0.44	chr9	9p22.1	49	936	104.33	203.85
Hs.539672	7.59	17.34	0.44	chr13	N/A	10	73	38.08	69.69
Hs.659099	10.64	24.32	0.44	chr17	N/A	7	73	50.52	64.99
LOC100131938	5.94	13.57	0.44	chr1	1q23.3	12	50	79.25	95.42
Hs.566450	10.85	24.80	0.44	chr6	N/A	10	73	49.20	75.25
Hs.562255	4.37	9.99	0.44	chr10	N/A	7	73	41.28	70.33
SNORD8	7.44	17.01	0.44	chr14	14q11.2	2	608	59.62	58.73
NR1D2	52.69	120.43	0.44	chr3	3p24.2	46	943	115.57	72.19
CRYGB	7.15	16.35	0.44	chr2	2q34	21	454	63.98	71.49
PPP1R42	8.69	19.87	0.44	chr8	8q13.1	18	125	61.11	206.68
Hs.634161	12.44	28.44	0.44	chr6	N/A	11	377	65.15	57.17
Hs.659507	42.58	97.34	0.44	chr7	N/A	4	304	38.59	24.43
Hs.732845	7.82	17.88	0.44	chr11	N/A	7	73	33.34	91.24
DLG3	23.95	54.77	0.44	chrX	Xq13.1	75	2011	72.36	70.32
SNX9	54.12	123.75	0.44	chr6	6q25.1-q26	65	1093	147.77	79.11
Hs.691592	7.48	17.11	0.44	chr3	N/A	8	377	67.19	143.28
Hs.635574	12.56	28.73	0.44	chr20	N/A	1	304	0.00	50.45
ZNF397	16.41	37.53	0.44	chr18	18q12.2	39	1408	69.84	128.11
Hs.558200	13.30	30.41	0.44	chr4	N/A	1	304	0.00	101.69
LOC100996623	6.30	14.41	0.44	chr4	N/A	2	22	47.16	108.72
PGLYRP1	16.22	37.11	0.44	chr19	19q13.2-q13.3	33	520	76.51	358.38
Hs.54089	25.03	57.24	0.44	chr2	N/A	1	304	0.00	52.98
Hs.436058	4.86	11.12	0.44	chr7	N/A	7	73	57.18	85.81
Hs.655568	73.55	168.24	0.44	chr14	N/A	7	73	109.51	285.63
C1orf95	20.30	46.45	0.44	chr1	1q42.12	41	972	121.42	106.47
STYK1	8.01	18.32	0.44	chr12	12p13.2	29	876	122.99	100.79
GDF9	15.32	35.06	0.44	chr5	5q31.1	21	453	99.45	58.28
Hs.647536	7.27	16.64	0.44	chr14	N/A	8	377	35.24	72.78
RPS4X	1,106.14	2,530.76	0.44	chrX	Xq13.1	44	1499	78.81	84.03
CADPS2	35.30	80.77	0.44	chr7	7q31.3	49	783	119.92	115.19
Hs.327445	6.75	15.44	0.44	chr13	N/A	2	22	48.71	71.74
NOP14-AS1	6.73	15.41	0.44	chr4	4p16.3	29	1366	55.60	77.48
RALGDS	67.31	154.00	0.44	chr9	9q34.3	58	1158	134.96	99.32
PER3	23.05	52.74	0.44	chr1	1p36.23	69	1756	87.73	336.21
Hs.542713	6.40	14.65	0.44	chr22	N/A	5	22	42.67	94.94
LILRA6	26.14	59.83	0.44	chr19	19q13.4	10	845	76.10	96.60
Hs.603537	5.49	12.55	0.44	chr22	N/A	7	73	56.35	100.09
Hs.570311	16.27	37.24	0.44	chr2	N/A	1	304	0.00	92.85
PSG8	17.98	41.14	0.44	chr19	19q13.2	30	129	122.73	90.68
ACP6	38.85	88.91	0.44	chr1	1q21	35	611	95.72	56.80
Hs.670425	6.22	14.24	0.44	chr7	N/A	7	73	75.11	64.10
Hs.656422	14.46	33.09	0.44	chr19	N/A	2	22	34.71	67.19
Hs.622884	3.21	7.35	0.44	chr5	N/A	1	304	0.00	69.04
BIK	15.12	34.62	0.44	chr22	22q13.31	35	623	95.38	107.90
Hs.658292	5.79	13.25	0.44	chr16	N/A	4	630	112.08	75.22
HS3ST6	9.28	21.25	0.44	chr16	16p13.3	6	356	52.84	138.20
Hs.733549	11.05	25.30	0.44	chr10	N/A	1	304	0.00	60.57
Hs.600012	7.55	17.28	0.44	chr8	N/A	5	420	42.43	133.20
SATB1	115.04	263.46	0.44	chr3	3p23	27	577	117.73	104.49
ATXN10	103.52	237.10	0.44	chr22	22q13.31	80	1395	133.89	103.02
Hs.680354	5.53	12.66	0.44	chr6	N/A	1	304	0.00	54.74
Hs.660745	9.87	22.61	0.44	chr16	N/A	15	450	57.99	66.79
Hs.616778	5.48	12.55	0.44	chr3	N/A	1	304	0.00	60.89
Hs.569801	7.38	16.91	0.44	chr17	N/A	7	73	29.45	100.57
Hs.130163	6.32	14.48	0.44	chr3	N/A	7	73	72.62	106.58
Hs.667148	4.98	11.40	0.44	chr18	N/A	2	22	84.84	60.58
Hs.734243	7.69	17.62	0.44	chr6	N/A	2	22	48.79	90.13
Hs.606441	9.56	21.91	0.44	chr6	N/A	10	28	26.77	36.93
Hs.656115	16.65	38.15	0.44	chr11	N/A	5	51	19.90	42.77
RPL17	689.99	1,580.92	0.44	chr18	18q21	67	1832	105.30	76.62
Hs.134565	6.53	14.96	0.44	chr20	N/A	7	73	66.31	198.15
ZNF776	24.87	56.99	0.44	chr19	19q13.43	54	899	150.01	75.11

PAGE5	7.38	16.91	0.44	chrX	Xp11.21	23	335	75.69	135.09
Hs.131020	11.19	25.65	0.44	chr2	N/A	7	73	28.18	58.02
LOC100506207	10.68	24.47	0.44	chr6	N/A	10	630	56.05	73.90
Hs.733155	11.03	25.27	0.44	chr6	N/A	8	377	82.32	76.86
Hs.595007	3.59	8.23	0.44	chr1	N/A	11	332	40.94	95.47
BALAP2	23.88	54.73	0.44	chr17	17q25	92	2028	108.33	107.55
Hs.199685	6.30	14.44	0.44	chr4	N/A	7	73	44.10	105.36
RORC	37.89	86.85	0.44	chr1	1q21	57	971	111.51	185.85
SOAT1	29.82	68.35	0.44	chr1	1q25	61	1324	107.61	149.97
Hs.660222	6.41	14.70	0.44	chr2	N/A	7	73	55.43	101.12
CAMTA2	29.29	67.13	0.44	chr17	17p13.2	68	925	104.91	73.92
Hs.664436	8.34	19.12	0.44	chr14	N/A	7	73	39.43	58.90
STAT1	59.22	135.78	0.44	chr2	2q32.2	117	2796	146.97	151.46
FAM214A	79.67	182.68	0.44	chr15	15q21.2-q21.3	51	609	119.41	95.42
Hs.670313	3.01	6.90	0.44	chr11	N/A	1	304	0.00	76.82
CHST15	31.15	71.43	0.44	chr10	10q26	45	1022	100.59	101.86
DLGAP4	71.83	164.73	0.44	chr20	20q11.23	64	2121	108.73	186.75
Hs.734791	10.55	24.19	0.44	chr17	N/A	1	304	0.00	62.50
Hs.687674	76.27	174.92	0.44	chr12	N/A	1	304	0.00	62.79
Hs.574305	5.35	12.26	0.44	chr16	N/A	13	28	38.92	59.39
LOC100131822	7.67	17.59	0.44	chr17	17q12	2	22	19.53	80.09
WNK4	9.59	21.99	0.44	chr17	17q21-q22	28	665	73.13	122.45
Hs.732324	9.82	22.52	0.44	chr2	N/A	8	377	88.06	46.79
Hs.143958	12.11	27.78	0.44	chr4	N/A	6	326	46.83	68.97
LALBA	5.93	13.60	0.44	chr12	12q13	23	493	28.50	64.30
LOC100507117	9.85	22.60	0.44	chr8	N/A	11	332	87.15	68.07
Hs.547178	34.36	78.81	0.44	chr9	N/A	4	304	145.35	37.86
KIAA1033	57.66	132.26	0.44	chr12	12q24.11	74	1669	139.03	83.04
Hs.659567	8.07	18.51	0.44	chr10	N/A	7	73	45.24	99.54
Hs.559357	17.92	41.11	0.44	chr21	N/A	14	146	100.04	438.69
Hs.661473	11.78	27.03	0.44	chr7	N/A	20	56	74.39	40.81
Hs.595221	45.68	104.80	0.44	chr20	N/A	7	73	64.76	61.40
Hs.587427	6.24	14.31	0.44	chr7	N/A	5	675	46.34	107.31
Hs.677045	5.58	12.79	0.44	chr6	N/A	1	304	0.00	53.79
HOXB13	13.21	30.32	0.44	chr17	17q21.2	48	971	80.28	242.54
FKBPL	14.39	33.02	0.44	chr6	6p21.3	28	538	84.75	61.54
Hs.709156	15.02	34.47	0.44	chr15	N/A	7	73	76.15	46.39
SYT12	13.90	31.91	0.44	chr11	11q13.2	53	1398	120.35	77.83
Hs.642221	20.34	46.69	0.44	chr14	N/A	10	28	14.10	64.53
Hs.662836	20.10	46.14	0.44	chr15	N/A	7	73	89.19	76.29
Hs.128920	5.79	13.28	0.44	chr8	N/A	2	22	0.83	52.60
Hs.685420	12.38	28.42	0.44	chr3	N/A	2	22	7.22	36.97
Hs.667772	6.38	14.64	0.44	chr3	N/A	2	22	9.57	56.14
ACTL8	11.79	27.07	0.44	chr1	1p36.2-p35	23	487	64.37	114.19
FCN1	33.24	76.32	0.44	chr9	9q34	50	629	104.83	337.19
Hs.665177	7.08	16.24	0.44	chr22	N/A	14	146	70.25	101.17
CHDH	22.69	52.10	0.44	chr3	3p21.1	51	1848	67.55	110.13
SLC16A9	58.54	134.42	0.44	chr10	10q21.2	38	581	208.47	286.62
PDP2	24.75	56.83	0.44	chr16	16q22.1	23	700	168.61	92.71
ZFYVE1	47.62	109.37	0.44	chr14	14q24.2	40	797	218.99	83.26
Hs.656155	7.26	16.67	0.44	chr7	N/A	1	304	0.00	61.09
Hs.663495	6.50	14.92	0.44	chr18	N/A	1	304	0.00	86.27
ASCL5	10.18	23.38	0.44	chr1	1q32.1	2	16	34.04	22.39
BBIP1	36.78	84.48	0.44	chr10	10q25.2	82	2860	152.51	162.71
Hs.669146	7.47	17.15	0.44	chr8	N/A	2	16	58.95	24.82
HPCAL4	12.00	27.57	0.44	chr1	1p34.2	40	1025	83.99	113.16
SOGA1	25.23	57.96	0.44	chr20	20q11.23	82	1710	151.89	468.68
Hs.674785	4.67	10.72	0.44	chr19	N/A	1	304	0.00	64.58
FTO-IT1	4.45	10.23	0.44	chr16	N/A	5	51	33.04	105.80
KIAA1009	15.04	34.56	0.44	chr6	6q14.3	45	1012	75.25	69.48
Hs.662424	4.81	11.04	0.44	chr5	N/A	7	73	14.27	262.95
PPP1R14D	21.40	49.17	0.44	chr15	15q15.1	21	452	110.43	87.96
SLC31A2	72.40	166.41	0.44	chr9	9q32	30	577	62.07	253.24
Hs.658411	25.66	58.98	0.44	chr5	N/A	1	304	0.00	46.51
Hs.666184	5.84	13.44	0.43	chr8	N/A	7	73	86.30	80.82
Hs.127279	23.25	53.46	0.43	chr17	N/A	11	377	62.69	49.44
GOLGA8A	73.35	168.66	0.43	chr15	15q11.2	39	1891	210.70	154.92
Hs.714131	20.95	48.17	0.43	chr16	N/A	7	73	38.69	49.88
PXDC1	44.84	103.12	0.43	chr6	6p25.2	26	840	63.72	106.97
Hs.666532	92.22	212.11	0.43	chr13	N/A	7	73	58.73	98.58
Hs.598166	8.08	18.58	0.43	chr10	N/A	20	487	49.54	79.63
Hs.735727	12.95	29.78	0.43	chr5	N/A	1	304	0.00	61.88
SPOCK2	65.26	150.12	0.43	chr10	10pter-q25.3	48	1021	85.48	149.96
AGBL4	6.10	14.02	0.43	chr1	1p33	33	717	83.91	57.91
Hs.583022	3.91	8.99	0.43	chr6	N/A	2	22	87.71	109.43
Hs.664716	17.29	39.79	0.43	chr3	N/A	1	304	0.00	98.47
ENOSF1	56.00	128.84	0.43	chr18	18p11.32	57	1532	148.19	99.62
PPIG	63.76	146.70	0.43	chr2	2q31.1	74	1664	140.41	108.13
Hs.148805	30.48	70.12	0.43	chr6	N/A	2	22	22.53	100.47
CCL3L3	27.48	63.23	0.43	chr17	17q21.1	30	129	94.27	252.36
Hs.663265	13.23	30.44	0.43	chr9	N/A	21	219	57.62	58.09
ZRANB2-AS1	5.30	12.21	0.43	chr1	1p31.1	1	304	0.00	78.13
Hs.135806	9.90	22.79	0.43	chr2	N/A	3	66	27.94	80.39
FAM134A	61.58	141.73	0.43	chr2	2q35	67	1910	67.47	91.24
Hs.657540	3.90	8.97	0.43	chr2	N/A	1	304	0.00	55.67
SLC22A14	30.06	69.20	0.43	chr3	3p21.3	30	576	104.15	97.74
SYP	24.50	56.38	0.43	chrX	Xp11.23-p11.2	30	568	122.65	143.23
Hs.636043	8.82	20.30	0.43	chrX	N/A	10	840	39.20	128.36
Hs.148993	4.58	10.55	0.43	chr5	N/A	5	22	73.70	55.62
OR51D1	27.71	63.79	0.43	chr11	11p15.4	18	80	123.50	95.76
Hs.595349	32.56	74.96	0.43	chr2	N/A	8	377	61.08	54.30
Hs.545599	646.04	1,487.36	0.43	chr9	N/A	3	66	143.46	116.17
RAB43	37.11	85.44	0.43	chr3	3q21.3	53	216	77.40	92.91

RAD9A	32.93	75.82	0.43	chr11	11q13.1-q13.2	37	622	82.77	60.01
NCR1	8.46	19.48	0.43	chr19	19q13.42	34	1371	74.74	96.57
DMXL1	44.63	102.76	0.43	chr5	5q22	61	843	247.47	205.33
PITPNB	97.95	225.53	0.43	chr22	22q12.1	53	751	124.37	68.32
Hs.660469	10.58	24.36	0.43	chr2	N/A	7	73	71.92	59.78
DDX18	49.33	113.59	0.43	chr2	2q14.1	145	2009	185.86	93.21
Hs.634955	6.11	14.07	0.43	chr12	N/A	1	304	0.00	49.48
KDM4D	8.29	19.09	0.43	chr11	11q21	22	754	71.66	215.99
ZZZ3	32.38	74.57	0.43	chr1	1p31.1	148	1240	120.75	62.19
TMEM14E	5.95	13.69	0.43	chr3	3q25.1	10	28	36.63	81.65
Hs.116130	4.73	10.89	0.43	chr10	N/A	7	73	47.19	73.89
Hs.30972	8.59	19.80	0.43	chr11	N/A	13	28	91.62	52.55
ZMAT2	125.25	288.52	0.43	chr5	5q31.3	39	452	53.75	72.68
Hs.663481	6.66	15.35	0.43	chr3	N/A	20	870	52.68	91.57
PLEKHB2	56.57	130.32	0.43	chr2	2q21.1	71	1503	95.95	97.82
Hs.196981	4.19	9.66	0.43	chr3	N/A	5	51	34.71	66.31
TGFA	17.85	41.12	0.43	chr2	2p13	53	1502	93.59	102.57
Hs.735284	47.74	109.97	0.43	chr5	N/A	1	304	0.00	40.84
Hs.732850	10.61	24.45	0.43	chr5	N/A	9	95	52.38	67.59
SLC2A6	15.80	36.40	0.43	chr9	9q34	21	465	127.58	120.79
SERBP1	115.67	266.50	0.43	chr1	1p31	134	3032	113.30	95.79
NSF	50.05	115.32	0.43	chr17	17q21	71	1361	118.62	142.22
Hs.695417	2.66	6.13	0.43	chr3	N/A	1	304	0.00	89.38
SPN	27.95	64.41	0.43	chr16	16p11.2	67	2154	81.32	144.48
Hs.126246	7.60	17.52	0.43	chr5	N/A	22	523	81.57	248.03
KLHL28	35.19	81.09	0.43	chr14	14q21.2	29	1183	85.59	319.80
LOC101060147	213.63	492.31	0.43	chr7	N/A	1	304	0.00	54.84
Hs.570225	9.90	22.82	0.43	chr2	N/A	5	22	36.87	81.28
Hs.669141	63.82	147.13	0.43	chr5	N/A	7	73	69.88	153.78
Hs.623422	9.40	21.67	0.43	chr4	N/A	8	12	13.23	46.52
Hs.601173	10.22	23.56	0.43	chr13	N/A	5	51	104.54	134.37
Hs.659471	16.42	37.86	0.43	chr15	N/A	8	377	51.14	81.96
FANCL	42.01	96.86	0.43	chr2	2p16.1	33	560	76.46	74.10
NEK2	14.45	33.33	0.43	chr1	1q32.2-q41	65	1191	105.02	305.68
Hs.568890	4.94	11.40	0.43	chr10	N/A	4	44	30.00	62.05
Hs.592035	56.54	130.39	0.43	chr16	N/A	7	73	74.39	139.46
DUSP1	354.41	817.41	0.43	chr5	5q34	61	1416	152.13	169.98
Hs.308783	6.94	16.00	0.43	chrX	N/A	7	73	43.38	121.47
CYS1	8.67	20.00	0.43	chr2	2p25.1	6	17	67.07	81.85
Hs.667104	22.20	51.20	0.43	chr11	N/A	7	73	97.92	71.37
Hs.128395	4.74	10.93	0.43	chr1	N/A	1	304	0.00	45.94
Hs.677115	6.68	15.40	0.43	chr1	N/A	10	840	70.78	79.23
Hs.734194	4.96	11.45	0.43	chr16	N/A	7	73	62.61	102.92
Hs.664626	7.93	18.30	0.43	chr2	N/A	7	73	72.98	83.09
Hs.120863	7.52	17.36	0.43	chr12	N/A	10	73	72.41	83.28
LINC00854	10.97	25.33	0.43	chr17	N/A	20	101	79.48	276.18
COTL1	73.57	169.82	0.43	chr16	16q24.1	55	565	101.08	107.90
SHANK2-AS1	19.63	45.31	0.43	chr11	N/A	7	73	68.39	61.60
Hs.666702	5.40	12.47	0.43	chr14	N/A	2	22	41.61	57.49
GMPPB	28.78	66.44	0.43	chr3	3p21.31	48	539	79.87	63.79
SLC25A25	37.49	86.54	0.43	chr9	9q34.11	42	497	114.94	76.87
Hs.657871	7.56	17.45	0.43	chr19	N/A	8	377	52.38	56.50
EXOC8	23.51	54.28	0.43	chr1	1q42.2	26	64	62.93	69.73
Hs.586618	38.39	88.64	0.43	chr1	N/A	6	355	56.43	43.71
RIC8B	22.59	52.16	0.43	chr12	12q23.3	46	937	98.60	79.07
Hs.703676	11.55	26.66	0.43	chr3	N/A	1	304	0.00	38.97
RAB3D	14.62	33.75	0.43	chr19	19p13.2	31	481	77.72	54.52
FAM57A	30.11	69.53	0.43	chr17	17p13.3	28	530	95.37	81.12
Hs.712806	30.25	69.85	0.43	chr18	N/A	7	73	81.66	64.17
C1RL	33.83	78.12	0.43	chr12	12p13.31	29	841	110.26	161.57
CBX6	75.14	173.53	0.43	chr22	22q13.1	39	1065	120.23	79.17
MAPK12	26.26	60.65	0.43	chr22	22q13.33	29	799	65.00	146.60
IL17B	8.69	20.06	0.43	chr5	5q33.1	28	538	97.20	155.55
RGSI4	17.68	40.83	0.43	chr5	5q35.3	48	1412	113.88	93.57
FLJ43663	22.47	51.91	0.43	chr7	7q32.3	42	1247	190.37	139.08
HAO1	18.40	42.51	0.43	chr20	20p12	45	694	142.49	268.04
GZMA	26.70	61.69	0.43	chr5	5q11-q12	30	573	129.04	173.06
TRAM1L1	20.36	47.05	0.43	chr4	4q26	36	493	70.35	58.37
Hs.660570	3.39	7.84	0.43	chr3	N/A	1	304	0.00	74.03
NRXN3	18.90	43.69	0.43	chr14	14q31	66	1873	161.86	152.41
SLC1A5	49.52	114.46	0.43	chr19	19q13.3	35	624	125.76	80.22
SPATA41	9.38	21.67	0.43	chr15	15q26.3	14	395	46.51	64.04
LOC100996430	34.33	79.36	0.43	chr16	N/A	21	405	84.40	131.47
Hs.146949	21.85	50.51	0.43	chr3	N/A	7	73	166.25	193.36
TRIM46	13.91	32.17	0.43	chr1	1q22	44	912	65.24	91.02
Hs.549757	11.86	27.43	0.43	chr1	N/A	7	73	86.73	66.01
UPF3B	25.28	58.45	0.43	chrX	Xq25-q26	43	809	66.00	88.27
Hs.659749	27.02	62.49	0.43	chr19	N/A	5	420	84.39	58.26
OIP5	15.11	34.94	0.43	chr15	15q15.1	26	489	73.52	135.92
NTF4	6.46	14.93	0.43	chr19	19q13.3	21	440	65.16	88.21
Hs.128102	6.41	14.84	0.43	chr4	N/A	3	66	20.60	79.56
BPTF	47.13	109.03	0.43	chr17	17q24.3	132	2652	284.31	107.58
SSR2	203.12	469.93	0.43	chr1	1q21-q23	53	633	103.09	56.85
RAB7L1	28.14	65.10	0.43	chr1	1q32	46	1329	70.00	88.83
Hs.720773	5.79	13.41	0.43	chr4	N/A	1	304	0.00	59.49
BRDT	12.09	27.98	0.43	chr1	1p22.1	48	689	103.25	509.54
Hs.651175	14.96	34.62	0.43	chr5	N/A	8	377	111.71	86.41
Hs.388765	5.99	13.87	0.43	chr1	N/A	5	51	49.78	87.74
NKAIN1	14.20	32.88	0.43	chr1	1p35.2	35	601	86.25	88.90
LCOR	35.40	81.97	0.43	chr10	10q24	67	1008	189.99	72.63
FAM47E	10.49	24.30	0.43	chr4	4q21.1	20	189	56.98	91.80
Hs.674902	15.69	36.32	0.43	chr2	N/A	1	304	0.00	78.55
Hs.527607	5.43	12.57	0.43	chr1	N/A	1	304	0.00	57.85

Hs.603628	11.42	26.46	0.43	chr3	N/A	3	66	15.08	167.23
Hs.730726	37.00	85.71	0.43	chr17	N/A	11	377	75.19	76.70
Hs.112715	12.82	29.68	0.43	chr4	N/A	7	73	43.61	118.97
Hs.135735	8.65	20.04	0.43	chr14	N/A	3	326	21.10	86.15
Hs.253767	11.35	26.29	0.43	chr2	N/A	1	304	0.00	40.67
KSR1	20.75	48.07	0.43	chr17	17q11.2	82	1962	104.79	135.66
Hs.71617	5.37	12.43	0.43	chr7	N/A	7	73	52.03	83.50
Hs.581773	7.87	18.24	0.43	chr4	N/A	5	22	59.20	104.20
Hs.386211	7.66	17.75	0.43	chr12	N/A	2	22	62.14	89.28
ARID1A	63.59	147.35	0.43	chr1	1p35.3	70	1933	153.60	83.45
Hs.684604	10.00	23.17	0.43	chr7	N/A	9	681	54.03	81.58
Hs.649362	14.45	33.50	0.43	chr9	N/A	10	73	124.15	67.74
Hs.592579	37.30	86.44	0.43	chr12	N/A	17	101	59.05	55.42
Hs.670716	7.53	17.46	0.43	chr12	N/A	11	332	41.64	105.86
TYMS	32.92	76.31	0.43	chr18	18p11.32	42	1413	126.43	215.29
AGPAT4	16.08	37.29	0.43	chr6	6q26	65	1049	91.58	226.64
Hs.101773	11.47	26.60	0.43	chr4	N/A	10	73	64.73	80.97
LINC00842	6.25	14.50	0.43	chr10	10q11.22	18	405	63.29	73.63
CTAGE5	17.23	39.96	0.43	chr14	14q13.3	76	1069	83.02	134.33
Hs.675332	8.40	19.48	0.43	chr8	N/A	10	28	57.79	76.86
TAAR6	5.57	12.91	0.43	chr6	6q23.2	18	81	54.29	84.74
PIK3C2G	10.36	24.02	0.43	chr12	12p12	51	785	85.63	96.25
ACACA	25.44	59.00	0.43	chr17	17q21	105	1514	150.35	125.65
Hs.602534	7.99	18.52	0.43	chr17	N/A	7	73	34.43	69.80
C19orf10	79.70	184.82	0.43	chr19	19p13.3	39	1110	109.96	74.09
FBXO7	122.81	284.82	0.43	chr22	22q12-q13	31	1112	62.74	98.01
Hs.666741	5.46	12.67	0.43	chr7	N/A	2	22	21.20	55.09
Hs.664828	6.83	15.85	0.43	chr22	N/A	9	681	70.79	96.68
Hs.131603	6.21	14.41	0.43	chr7	N/A	7	73	21.27	91.64
Hs.601249	4.90	11.38	0.43	chr1	N/A	7	73	31.82	140.80
ELAVL1	49.05	113.79	0.43	chr19	19p13.2	85	1953	181.12	138.49
Hs.732566	25.36	58.84	0.43	chr20	N/A	5	420	102.64	64.83
RHD	10.26	23.79	0.43	chr1	1p36.11	68	1561	90.66	187.15
PHOX2B	11.15	25.88	0.43	chr4	4p12	33	565	82.69	93.09
SLC46A2	9.41	21.82	0.43	chr9	9q32	26	462	110.09	155.04
KIAA1704	21.67	50.28	0.43	chr13	13q13-q14	60	1618	123.42	64.76
OR2A1	64.03	148.55	0.43	chr7	7q35	8	52	78.85	63.69
CLEC3A	8.79	20.39	0.43	chr16	16q23	27	405	88.95	117.63
LOC285548	10.15	23.54	0.43	chr4	4p15.33	21	405	98.35	231.66
Hs.657664	19.38	44.98	0.43	chr9	N/A	1	304	0.00	56.47
ORIE2	12.36	28.69	0.43	chr17	17p13.3	14	425	69.28	46.13
Hs.644072	34.52	80.10	0.43	chr8	N/A	7	73	60.94	52.92
LINC00608	7.84	18.18	0.43	chr2	2q35	12	639	125.48	258.96
Hs.657062	16.02	37.18	0.43	chr1	N/A	16	487	65.99	51.47
Hs.714850	11.98	27.81	0.43	chr4	N/A	1	304	0.00	95.90
IFT52	32.00	74.28	0.43	chr20	N/A	42	865	129.76	75.34
ISX	7.24	16.80	0.43	chr22	22q12.3	21	406	75.02	119.73
CCDC116	9.16	21.27	0.43	chr22	22q11.21	22	354	159.00	73.07
Hs.587148	7.95	18.46	0.43	chr22	N/A	1	304	0.00	64.32
Hs.677119	12.38	28.74	0.43	chr3	N/A	5	432	34.40	80.82
Hs.141120	18.90	43.88	0.43	chrX	N/A	7	370	91.63	42.51
AACS	56.35	130.82	0.43	chr12	12q24.31	28	533	49.95	91.53
Hs.664312	36.07	83.73	0.43	chr4	N/A	1	304	0.00	99.65
Hs.601539	3.74	8.69	0.43	chr16	N/A	7	73	61.89	75.66
Hs.678892	7.05	16.36	0.43	chr2	N/A	1	304	0.00	84.71
MPPED2	17.03	39.54	0.43	chr11	11p13	45	1031	119.23	143.26
Hs.699526	53.50	124.25	0.43	chr11	N/A	7	73	83.57	64.01
LOC440084	8.19	19.02	0.43	chr12	12p13.2	2	16	20.61	107.42
SLC22A7	18.04	41.89	0.43	chr6	6p21.1	66	2034	130.10	417.37
MARCH10	10.54	24.48	0.43	chr17	17q23.2	28	491	87.94	167.23
Hs.733662	6.01	13.96	0.43	chr15	N/A	7	73	43.25	68.56
Hs.660067	5.51	12.80	0.43	chr7	N/A	7	73	80.58	76.82
KRTAP4-5	35.72	82.97	0.43	chr17	17q12-q21	19	384	231.89	137.60
CLVS1	6.92	16.08	0.43	chr8	8q12.3	39	448	59.17	118.79
LRRN4CL	45.79	106.39	0.43	chr11	11q12.3	7	316	70.23	65.96
KLRD1	13.39	31.10	0.43	chr12	12p13	39	1336	92.60	100.70
ABHD4	76.63	178.04	0.43	chr14	14q11.2	28	533	72.45	47.58
TRIM64	7.02	16.32	0.43	chr11	11q14.3	22	117	66.28	72.42
FZD2	20.71	48.14	0.43	chr17	17q21.1	32	608	79.97	167.43
WDR78	9.19	21.37	0.43	chr1	1p31.3	55	1518	68.72	168.03
Hs.635107	8.63	20.06	0.43	chr22	N/A	7	73	46.35	91.10
Hs.668253	9.73	22.62	0.43	chr3	N/A	7	73	50.12	64.62
NHS	13.54	31.47	0.43	chrX	Xp22.13	34	709	82.57	91.44
Hs.736240	5.05	11.74	0.43	chr3	N/A	1	304	0.00	102.33
DPYSL5	17.97	41.79	0.43	chr2	2p23.3	58	1020	106.13	130.76
Hs.574784	5.93	13.79	0.43	chr2	N/A	2	22	34.15	66.77
Hs.46704	5.58	12.98	0.43	chr1	N/A	10	73	44.92	77.99
NKX1-1	11.86	27.57	0.43	chr4	4p16.3	10	304	47.19	105.53
Hs.734076	17.90	41.63	0.43	chr15	N/A	3	66	16.41	133.76
RAPGEF2	34.32	79.84	0.43	chr4	4q32.1	102	2646	160.13	114.53
TTC31	35.35	82.22	0.43	chr2	2p13.1	42	679	90.47	79.61
Hs.129504	6.36	14.80	0.43	chr12	N/A	7	73	69.27	107.16
Hs.603655	11.52	26.80	0.43	chr1	N/A	2	22	1.92	94.16
Hs.540336	10.92	25.41	0.43	chr15	N/A	12	879	188.99	142.98
Hs.134164	6.37	14.81	0.43	chrX	N/A	3	66	48.62	146.75
C6orf123	7.92	18.43	0.43	chr6	6q27	31	830	77.91	76.38
Hs.710583	5.57	12.96	0.43	chr9	N/A	8	377	69.60	67.50
UNC13B	49.84	115.94	0.43	chr9	9p13.3	33	607	80.55	64.02
GRB7	26.26	61.09	0.43	chr17	17q12	45	683	97.06	78.93
HNF1B	21.42	49.84	0.43	chr17	17q12	82	1278	127.86	149.55
Hs.553957	3.23	7.50	0.43	chr5	N/A	1	304	0.00	58.06
Hs.596827	36.87	85.78	0.43	chr2	N/A	7	73	72.98	46.72
Hs.732878	135.47	315.20	0.43	chr12	N/A	7	73	83.38	63.25

USP14	94.69	220.35	0.43	chr18	18p11.32	56	1395	138.75	64.89
BET1L	35.45	82.50	0.43	chr11	11p15.5	44	926	103.67	108.19
SH3GL1	47.26	110.00	0.43	chr19	19p13.3	40	605	76.47	79.39
LOC100506282	8.89	20.68	0.43	chr11	N/A	15	460	41.85	68.44
Hs.468488	3.65	8.50	0.43	chr10	N/A	1	304	0.00	71.53
Hs.542469	8.22	19.13	0.43	chr20	N/A	5	22	77.12	72.64
BTN3A1	53.39	124.31	0.43	chr6	6p22.1	64	1160	152.43	162.10
C7orf34	7.88	18.34	0.43	chr7	7q34	38	806	53.96	122.80
Hs.7413	38.75	90.23	0.43	chr3	N/A	21	405	65.99	197.24
TESK2	38.49	89.63	0.43	chr1	1p32	33	565	83.76	58.02
Hs.660359	15.48	36.05	0.43	chr2	N/A	8	377	48.54	48.09
Hs.597227	13.42	31.25	0.43	chr5	N/A	7	73	55.12	69.96
LOC653160	14.86	34.59	0.43	chr1	1p34.3	13	73	84.39	49.40
LOC100505545	6.08	14.16	0.43	chr4	N/A	28	433	45.95	106.37
Hs.670112	29.41	68.50	0.43	chr4	N/A	1	304	0.00	61.01
FGD3	26.51	61.73	0.43	chr9	N/A	33	731	109.69	188.34
Hs.664330	23.26	54.18	0.43	chr12	N/A	1	304	0.00	56.44
Hs.480672	10.96	25.52	0.43	chr4	N/A	9	95	52.39	125.62
SERTAD2	64.25	149.64	0.43	chr2	2p14	38	947	141.09	66.08
MGC12916	7.04	16.39	0.43	chr17	17p12	20	1013	84.56	61.43
LYPLA1	85.99	200.30	0.43	chr8	8q11.23	41	964	126.47	77.37
CERS2	160.00	372.71	0.43	chr1	1q21.3	31	537	107.54	106.44
Hs.543172	18.25	42.52	0.43	chr3	N/A	10	73	43.32	58.35
LOC100289333	186.12	433.62	0.43	chr19	19p13.2	1	304	0.00	43.45
Hs.658740	12.75	29.70	0.43	chr6	N/A	8	377	57.97	49.28
TMC3	6.49	15.12	0.43	chr15	15q25.1	15	81	81.41	86.84
LOC100505683	6.95	16.20	0.43	chr20	N/A	4	370	49.93	63.89
ER11	12.25	28.54	0.43	chr8	8p23.1	49	884	87.86	82.52
Hs.545472	8.95	20.87	0.43	chr8	N/A	7	73	45.30	79.89
Hs.718761	49.49	115.38	0.43	chr5	N/A	7	73	95.03	80.99
ENGASE	57.44	133.92	0.43	chr17	17q25.3	49	1054	162.67	89.70
TPCN2	20.29	47.31	0.43	chr11	11q13.3	45	1761	117.68	77.77
Hs.735510	6.85	15.97	0.43	chr8	N/A	11	345	29.68	65.56
KLHL6	14.03	32.72	0.43	chr3	3q27.3	47	1218	49.90	207.80
Hs.597024	4.45	10.37	0.43	chr1	N/A	2	22	24.57	57.28
Hs.633154	12.75	29.72	0.43	chr17	N/A	10	73	58.10	51.00
C5orf48	5.24	12.21	0.43	chr5	5q23.2	14	377	79.63	136.28
Hs.657828	12.89	30.06	0.43	chr6	N/A	7	73	88.92	63.56
Hs.668750	8.39	19.56	0.43	chr9	N/A	3	66	77.52	121.92
Hs.720455	13.56	31.63	0.43	chr8	N/A	7	73	80.55	66.56
RAB11FIP1	59.05	137.77	0.43	chr8	8p11.22	61	1318	170.88	155.40
CDC40	38.59	90.02	0.43	chr6	6q21	75	1220	103.13	403.14
ZBTB22	44.19	103.09	0.43	chr6	6p21.3	34	666	57.75	453.54
GCKR	13.94	32.52	0.43	chr2	2p23	30	569	99.25	183.67
HCRP1	21.33	49.77	0.43	chr6	6p21.1	10	840	62.54	65.64
Hs.660111	9.66	22.54	0.43	chr1	N/A	7	73	53.89	115.31
Hs.517428	5.73	13.37	0.43	chr1	N/A	3	66	47.24	87.02
Hs.130204	7.25	16.92	0.43	chr10	N/A	14	146	57.91	125.36
Hs.550709	5.75	13.43	0.43	chr21	N/A	10	73	33.21	96.92
MGARP	21.78	50.83	0.43	chr4	4q31.1	33	564	71.43	390.39
Hs.127012	6.61	15.42	0.43	chr12	N/A	2	22	4.42	78.17
BEST1	23.50	54.85	0.43	chr11	11q13	37	1234	99.87	114.12
FLVCR1	26.24	61.27	0.43	chr1	1q32.3	39	848	73.58	94.63
EHHADH	14.10	32.92	0.43	chr3	3q26.3-q28	30	571	94.10	341.54
ASAP2	44.29	103.40	0.43	chr2	2p24	42	657	101.73	116.67
GANC	15.83	36.97	0.43	chr15	15q15.2	28	913	102.15	99.11
Hs.655185	27.07	63.21	0.43	chr3	N/A	8	377	77.89	62.34
Hs.579548	6.87	16.04	0.43	chr18	N/A	7	73	36.46	74.77
Hs.710001	2.68	6.27	0.43	chr16	N/A	1	304	0.00	78.09
Hs.741003	22.33	52.13	0.43	chr11	N/A	7	73	69.59	52.70
UPK1B	17.75	41.43	0.43	chr3	3q13.32	33	964	113.30	135.76
FAM192A	51.99	121.40	0.43	chr16	16q13	48	1546	84.98	65.21
Hs.663425	16.36	38.20	0.43	chr6	N/A	1	304	0.00	58.24
Hs.634625	16.38	38.26	0.43	chr12	N/A	7	73	61.41	69.56
Hs.668226	49.03	114.51	0.43	chr3	N/A	1	312	0.00	55.87
KRTAP10-11	25.78	60.21	0.43	chr21	21q22.3	11	377	106.71	113.99
Hs.668166	7.10	16.59	0.43	chr2	N/A	2	22	41.02	61.28
PSMG3-AS1	16.09	37.58	0.43	chr7	7p22.3	35	518	78.53	65.99
Hs.658107	6.93	16.19	0.43	chr17	N/A	7	73	62.16	74.17
Hs.268606	17.01	39.74	0.43	chr17	N/A	8	377	53.59	52.04
PSMA4	120.81	282.29	0.43	chr15	15q25.1	50	695	140.70	102.61
TSHZ3	31.33	73.22	0.43	chr19	19q12	34	844	136.46	119.52
WFIKK2	10.54	24.63	0.43	chr17	17q21.33	29	728	78.86	126.65
XAGE1D	9.29	21.71	0.43	chrX	Xp11.22	19	442	115.40	186.54
Hs.657941	18.35	42.88	0.43	chr11	N/A	2	16	9.12	35.78
Hs.737953	12.69	29.67	0.43	chrX	N/A	1	304	0.00	79.35
PUS7L	12.73	29.75	0.43	chr12	12q12	39	860	87.83	70.45
Hs.569497	7.09	16.58	0.43	chr15	N/A	7	73	56.91	108.18
Hs.656210	11.67	27.27	0.43	chr12	N/A	14	146	90.01	80.14
CLECSA	7.63	17.84	0.43	chr7	7q33	38	556	85.21	139.28
Hs.148141	12.18	28.48	0.43	chr22	N/A	7	73	103.62	140.34
Hs.604563	23.69	55.39	0.43	chr4	N/A	7	73	89.93	67.82
Hs.661335	8.19	19.14	0.43	chr4	N/A	7	73	63.37	112.49
OSBPL3	19.42	45.42	0.43	chr7	7p15	72	1194	96.76	96.98
Hs.594555	25.79	60.32	0.43	chr8	N/A	22	523	99.71	68.02
Hs.658508	7.52	17.59	0.43	chr10	N/A	7	73	98.77	124.84
SLC43A2	22.04	51.55	0.43	chr17	17p13.3	41	518	95.39	81.10
Hs.559121	8.98	21.00	0.43	chr1	N/A	13	399	53.86	83.95
Hs.146981	4.77	11.16	0.43	chr2	N/A	2	22	79.08	103.96
Hs.625698	263.66	616.82	0.43	chrX	N/A	1	304	0.00	46.35
Hs.586516	6.75	15.80	0.43	chr1	N/A	4	304	29.68	45.05
KCNC4	13.72	32.11	0.43	chr1	1p21	64	1369	64.42	69.42
SLC2A14	52.49	122.83	0.43	chr12	12p13.31	36	1019	172.11	133.37

KCNE4	17.59	41.16	0.43	chr2	2q36.1	23	1058	50.52	104.93
Hs.666625	5.91	13.84	0.43	chr2	N/A	7	73	32.74	96.90
Hs.196555	9.75	22.82	0.43	chr2	N/A	5	420	44.19	55.66
TMCO4	20.27	47.46	0.43	chr1	1p36.13	26	825	63.23	81.87
CNKSR1	27.68	64.81	0.43	chr1	1p36.11	30	565	98.27	86.76
TMED8	47.61	111.47	0.43	chr14	14q24.3	28	1078	83.37	90.44
GSX2	11.53	27.01	0.43	chr4	4q12	21	447	85.80	86.06
Hs.660325	6.50	15.21	0.43	chr14	N/A	3	66	23.21	88.76
PTCHD1	11.09	25.96	0.43	chrX	Xp22.11	30	721	187.34	146.72
Hs.664703	11.35	26.59	0.43	chr14	N/A	7	73	50.76	93.08
FANCD2	14.66	34.34	0.43	chr3	3p26	65	1499	180.66	80.07
TMEM212	13.47	31.55	0.43	chr3	3q26.31	8	423	60.09	59.17
Hs.635280	15.58	36.49	0.43	chr10	N/A	17	101	90.89	119.15
SULT1A3	85.47	200.16	0.43	chr16	16p11.2	44	1027	120.67	84.93
PHYHIPL	25.88	60.62	0.43	chr10	10q11	49	624	208.24	180.31
Hs.729457	54.87	128.51	0.43	chr10	N/A	8	377	82.00	50.80
XIAP	44.73	104.77	0.43	chrX	Xq25	53	2670	102.04	91.81
Hs.648968	6.41	15.01	0.43	chr6	N/A	10	28	82.07	35.63
MIB1	26.20	61.37	0.43	chr18	18q11.2	107	2555	137.82	126.35
Hs.657901	10.39	24.33	0.43	chr17	N/A	8	377	55.88	59.67
Hs.594564	29.01	67.97	0.43	chr12	N/A	7	73	76.92	61.21
MAGOH	33.15	77.66	0.43	chr1	1p32.3	54	1194	79.33	77.85
Hs.653689	5.43	12.73	0.43	chr6	N/A	7	73	48.21	133.59
Hs.656645	6.03	14.14	0.43	chr2	N/A	7	73	60.43	145.19
Hs.659549	6.84	16.02	0.43	chr1	N/A	8	377	59.49	63.16
Hs.635157	6.70	15.71	0.43	chr16	N/A	3	66	9.32	79.09
SNHG15	40.41	94.71	0.43	chr7	7p13	21	409	49.54	46.67
CD96	7.20	16.88	0.43	chr3	3q13.13-q13.2	47	858	57.41	92.98
KIAA1324L	23.23	54.45	0.43	chr7	7q21.12	42	810	154.50	78.81
STK4	28.01	65.65	0.43	chr20	20q11.2-q13.2	103	2356	137.46	174.96
DDI2	27.50	64.47	0.43	chr1	1p36.21	20	689	59.81	88.86
Hs.597306	23.91	56.07	0.43	chr10	N/A	7	73	80.34	46.94
Hs.162195	9.59	22.48	0.43	chr1	N/A	1	304	0.00	53.77
Hs.734767	12.78	29.98	0.43	chr13	N/A	2	608	103.32	275.04
Hs.634685	13.25	31.07	0.43	chr19	N/A	13	28	23.49	49.40
Hs.636120	15.79	37.03	0.43	chr1	N/A	10	28	42.96	93.05
ZBBX	9.18	21.53	0.43	chr3	3q26.1	28	517	104.56	269.41
GSG1	21.39	50.15	0.43	chr12	12p13.1	35	825	126.30	643.15
Hs.624224	12.19	28.58	0.43	chr1	N/A	10	28	39.28	42.63
RPS6KC1	26.88	63.03	0.43	chr1	1q41	50	747	98.37	83.81
Hs.736053	3.20	7.50	0.43	chr9	N/A	5	420	35.23	80.12
SLC35G5	16.71	39.19	0.43	chr8	8p23.1	23	351	58.36	73.00
Hs.737543	7.90	18.53	0.43	chr1	N/A	10	28	12.32	60.48
LOC100996342	16.61	38.97	0.43	chr22	N/A	14	345	79.58	91.65
Hs.648484	6.32	14.82	0.43	chr14	N/A	7	73	57.61	119.42
Hs.210944	28.43	66.69	0.43	chr7	N/A	7	73	56.52	165.38
Hs.559354	3.78	8.86	0.43	chr20	N/A	1	304	0.00	56.37
AP4S1	18.75	44.00	0.43	chr14	14q12	73	1949	84.72	446.15
Hs.584808	16.26	38.16	0.43	chr6	N/A	7	73	73.03	64.62
SPATA2	22.24	52.19	0.43	chr20	20q13.13	45	1025	92.75	62.08
Hs.513522	81.30	190.79	0.43	chr16	N/A	7	73	119.31	104.68
SLBP	52.99	124.35	0.43	chr4	4p16.3	40	650	82.76	70.03
Hs.677267	9.40	22.06	0.43	chr1	N/A	10	840	97.23	106.93
Hs.570344	14.81	34.76	0.43	chr20	N/A	5	22	49.01	94.10
LIFR	49.02	115.07	0.43	chr5	5p13-p12	83	1852	124.55	148.31
Hs.297340	23.13	54.31	0.43	chr15	N/A	1	304	0.00	58.71
LOC100996526	7.05	16.56	0.43	chr17	N/A	2	22	26.94	47.80
Hs.667430	10.16	23.86	0.43	chr4	N/A	2	22	75.13	122.38
Hs.730102	6.56	15.40	0.43	chr11	N/A	2	608	45.80	85.35
Hs.666597	4.74	11.13	0.43	chr16	N/A	2	22	26.35	71.94
Hs.602452	5.57	13.09	0.43	chr10	N/A	3	66	23.03	99.64
Hs.663271	9.54	22.42	0.43	chr3	N/A	14	146	31.81	109.14
TYW5	15.94	37.43	0.43	chr2	2q33.1	61	1071	119.18	73.22
SGTB	14.96	35.14	0.43	chr5	5q12.3	47	872	93.70	108.59
SNRPA	59.86	140.61	0.43	chr19	19q13.1	72	793	90.15	76.91
Hs.591658	8.44	19.82	0.43	chr3	N/A	13	94	38.60	53.81
EDEM3	25.80	60.60	0.43	chr1	1q25	57	1105	109.92	84.91
IPMK	6.29	14.78	0.43	chr10	10q21.1	21	636	81.24	81.04
ATP13A5	9.60	22.56	0.43	chr3	3q29	17	688	155.63	81.82
CELF4	12.37	29.08	0.43	chr18	18q12	70	1904	107.78	286.30
Hs.661389	10.36	24.35	0.43	chr1	N/A	14	146	68.71	131.58
NUDT11	22.32	52.45	0.43	chrX	Xp11.22	39	535	385.65	130.74
PABPC4L	17.43	40.96	0.43	chr4	4q28.3	24	174	65.52	79.18
Hs.713963	15.03	35.31	0.43	chr4	N/A	7	73	68.10	77.10
Hs.666535	6.50	15.27	0.43	chr20	N/A	7	73	42.90	92.68
Hs.727691	13.49	31.71	0.43	chr18	N/A	7	73	100.81	59.03
PCDH19	19.57	46.01	0.43	chrX	Xq22.1	28	509	126.36	115.23
SMOC1	29.85	70.18	0.43	chr14	14q24.2	33	734	128.84	100.83
Hs.733979	9.30	21.86	0.43	chr14	N/A	8	377	34.58	57.43
Hs.104774	9.14	21.49	0.43	chr6	N/A	7	73	61.77	85.56
Hs.668366	12.20	28.69	0.43	chr14	N/A	7	73	59.21	126.49
Hs.720784	9.38	22.05	0.43	chr7	N/A	1	304	0.00	43.48
MPZL3	15.70	36.93	0.43	chr11	11q23.3	25	1076	80.50	155.64
NFASC	21.31	50.11	0.43	chr1	1q32.1	92	2134	94.57	151.40
SYCP2L	7.77	18.26	0.43	chr6	6p24.2	24	405	76.28	416.89
Hs.91785	4.50	10.58	0.43	chr1	N/A	7	73	16.33	71.58
Hs.604361	5.90	13.89	0.43	chr15	N/A	7	73	49.49	73.53
CLPTM1L	62.15	146.16	0.43	chr5	5p15.33	45	1178	131.92	91.06
DGKA	42.07	98.96	0.43	chr12	12q13.3	63	1374	275.34	288.99
RNF166	16.11	37.90	0.43	chr16	16q24.3	30	381	60.14	91.46
Hs.645207	11.78	27.71	0.43	chr1	N/A	2	16	52.39	37.32
LRRC25	18.03	42.41	0.43	chr19	19p13.11	22	385	62.22	108.05
ADH6	17.74	41.73	0.43	chr4	4q23	76	1289	105.31	316.16

LOC100505711	27.35	64.36	0.43	chr6	N/A	3	326	119.26	57.58
GLUL	259.85	611.40	0.43	chr1	1q31	62	1801	178.57	135.77
Hs.668429	13.47	31.70	0.42	chr1	N/A	11	332	36.30	61.84
F7	17.06	40.15	0.42	chr13	13q34	54	977	120.61	192.02
A4GNT	15.36	36.15	0.42	chr3	3p14.3	21	453	101.64	95.86
OR9I1	31.23	73.48	0.42	chr11	11q12.1	5	52	98.24	101.55
ZBTB37	8.48	19.97	0.42	chr1	1q25.1	22	741	75.08	76.07
Hs.601266	46.24	108.82	0.42	chr3	N/A	10	28	28.56	58.96
CALCOCO1	98.17	231.06	0.42	chr12	12q13.13	37	644	115.97	76.69
C21orf15	6.62	15.58	0.42	chr21	21q11	21	366	31.78	52.24
PEX5L	10.09	23.76	0.42	chr3	3q26.33	58	1615	106.30	209.53
DNASE1L3	40.45	95.21	0.42	chr3	3p14.3	31	880	81.73	194.11
NOM1	16.38	38.57	0.42	chr7	7q36.3	23	765	125.22	51.72
LYPD2	20.61	48.53	0.42	chr8	8q24.3	18	80	157.22	118.45
LOC100507267	8.15	19.20	0.42	chr5	N/A	33	969	67.73	167.07
Hs.587467	11.09	26.10	0.42	chr8	N/A	13	28	33.30	69.00
PPP3R2	16.54	38.94	0.42	chr9	9q31.1	48	936	112.92	771.83
SERPINA6	26.57	62.58	0.42	chr14	14q32.1	30	569	96.71	384.45
ZNF766	25.62	60.33	0.42	chr19	19q13.41	24	417	94.71	53.62
Hs.667623	5.52	13.00	0.42	chr3	N/A	2	22	9.57	80.20
Hs.279472	12.29	28.93	0.42	chr12	N/A	6	326	52.07	53.69
Hs.655836	7.74	18.22	0.42	chr2	N/A	2	608	7.43	96.00
Hs.651263	5.20	12.25	0.42	chr3	N/A	7	73	44.49	99.51
MBNL1	76.62	180.46	0.42	chr3	3q25	126	3271	159.09	149.46
TMEM167B	78.39	184.62	0.42	chr1	1p13.3	26	469	65.97	50.07
Hs.509213	15.19	35.78	0.42	chr5	N/A	8	377	88.89	42.62
Hs.633222	9.45	22.27	0.42	chr10	N/A	2	39	32.39	41.59
SEC23B	46.23	108.91	0.42	chr20	20p11.23	60	1518	120.34	98.64
PLA2G4F	25.80	60.77	0.42	chr15	15q15.1	24	414	58.18	70.48
CAPN8	18.75	44.17	0.42	chr1	1q41	14	425	80.01	114.20
NXF1	94.44	222.49	0.42	chr11	11q12-q13	41	591	84.79	195.80
CRK	47.37	111.60	0.42	chr17	17p13.3	46	991	109.19	60.73
TMEM174	19.32	45.52	0.42	chr5	5q13.2	49	1284	178.42	144.29
OR8D4	38.96	91.78	0.42	chr11	11q24.1	10	104	177.74	121.33
DNAH5	12.18	28.69	0.42	chr5	5p15.2	78	1072	204.36	144.04
ETV4	11.79	27.78	0.42	chr17	17q21	44	893	72.78	101.31
Hs.603298	6.35	14.96	0.42	chr2	N/A	2	22	35.95	69.73
Hs.666176	6.13	14.44	0.42	chr21	N/A	8	386	44.88	73.92
Hs.435762	2.70	6.35	0.42	chr14	N/A	1	304	0.00	62.24
MELK	16.75	39.47	0.42	chr9	9p13.2	38	618	93.37	107.88
Hs.729531	3.88	9.14	0.42	chr19	N/A	2	22	27.05	83.79
PNMAL1	49.79	117.35	0.42	chr19	19q13.32	48	626	77.99	167.69
NADSYN1	20.86	49.19	0.42	chr11	11q13.4	38	1473	98.57	95.23
Hs.661115	8.76	20.66	0.42	chr2	N/A	7	73	82.66	134.25
Hs.656401	8.23	19.40	0.42	chr7	N/A	1	304	0.00	61.57
CD44	54.65	128.86	0.42	chr11	11p13	131	4495	132.36	144.45
HAPLN4	11.83	27.89	0.42	chr19	19p13.1	45	513	98.87	108.73
SFXN3	33.43	78.82	0.42	chr10	10q24.31	62	1430	114.55	74.44
APIS1	20.81	49.09	0.42	chr7	7q22.1	54	1406	93.29	89.46
UBA2	96.15	226.76	0.42	chr19	19q12	40	605	125.90	86.15
Hs.432331	7.76	18.29	0.42	chr5	N/A	14	146	65.61	95.25
MPHOSPH8	61.58	145.23	0.42	chr13	13q12.11	74	1747	66.85	92.09
Hs.543100	9.61	22.67	0.42	chr3	N/A	5	22	49.51	64.80
Hs.665776	12.09	28.52	0.42	chr7	N/A	7	73	59.67	77.78
Hs.652370	8.35	19.70	0.42	chr6	N/A	1	304	0.00	86.49
Hs.666659	7.03	16.59	0.42	chr11	N/A	3	66	36.38	140.58
UPK1A	16.28	38.41	0.42	chr19	19q13.13	32	617	47.34	128.98
Hs.26814	10.35	24.41	0.42	chr8	N/A	11	443	79.02	115.99
TRERF1	13.58	32.04	0.42	chr6	6p21.1-p12.1	44	1093	109.78	79.10
Hs.409273	14.17	33.44	0.42	chr9	N/A	7	73	127.45	322.10
PUM2	74.86	176.63	0.42	chr2	2p22-p21	69	1508	129.03	87.53
OPN1LW	64.80	152.90	0.42	chrX	Xq28	16	29	93.29	113.42
SERPINB1	122.10	288.12	0.42	chr6	6p25	48	1425	102.07	196.35
Hs.596677	11.15	26.31	0.42	chr5	N/A	3	66	35.94	61.41
MUC1	47.53	112.17	0.42	chr1	1q21	60	1673	137.91	167.50
Hs.540656	4.16	9.82	0.42	chr16	N/A	7	73	49.07	79.46
OR56A3	52.23	123.26	0.42	chr11	11p15.4	5	52	124.77	48.19
Hs.656165	16.46	38.84	0.42	chr2	N/A	16	754	84.93	84.12
Hs.406847	4.17	9.85	0.42	chr14	N/A	14	448	42.12	131.36
CCDC37	7.98	18.84	0.42	chr3	3q21.3	21	636	68.60	86.81
Hs.455020	7.87	18.57	0.42	chr3	N/A	7	73	31.68	110.83
RAN	168.07	396.84	0.42	chr12	12q24.3	54	723	126.92	82.38
Hs.602880	4.61	10.88	0.42	chr3	N/A	5	51	38.14	111.38
Hs.126715	5.27	12.44	0.42	chr9	N/A	2	22	45.30	59.65
Hs.553539	14.63	34.55	0.42	chr8	N/A	19	721	91.39	79.68
Hs.570112	7.02	16.58	0.42	chr2	N/A	10	73	54.15	143.37
CDK1	15.09	35.64	0.42	chr10	10q21.1	80	2042	111.17	139.40
GMIP	17.11	40.41	0.42	chr19	19p13.11	29	836	72.73	96.94
SLC43A1	37.91	89.57	0.42	chr11	11q12.1	37	662	86.34	109.39
GINS1	11.04	26.07	0.42	chr20	20p11.21	32	613	103.26	108.96
Hs.655800	9.22	21.79	0.42	chr3	N/A	17	101	51.50	66.64
MEA1	124.45	294.07	0.42	chr6	6p21.3-p21.1	30	565	65.20	117.99
FBXL18	19.48	46.03	0.42	chr7	7p22.2	45	2364	85.19	191.24
Hs.598881	19.55	46.19	0.42	chr8	N/A	8	377	125.07	69.90
MYO9A	37.51	88.65	0.42	chr15	15q22-q23	46	1054	68.89	100.26
SLC9A3R1	82.43	194.81	0.42	chr17	17q25.1	30	577	48.29	85.37
CACNG2	9.43	22.28	0.42	chr22	22q13.1	42	862	81.08	67.94
ASB7	15.72	37.17	0.42	chr15	15q26.3	65	1020	121.29	65.33
Hs.656950	7.84	18.53	0.42	chr6	N/A	7	73	57.86	99.90
Hs.521782	80.50	190.28	0.42	chr8	N/A	4	304	38.08	105.11
BRWD3	12.68	29.97	0.42	chrX	Xq21.1	53	1352	86.69	91.32
MCC	31.15	73.65	0.42	chr5	5q21	41	1032	111.07	112.79
Hs.147761	14.79	34.97	0.42	chr12	N/A	5	22	74.52	134.10

LOC100506929	10.21	24.14	0.42	chr1	N/A	17	398	103.81	103.44
Hs.652584	5.28	12.49	0.42	chr17	N/A	7	73	26.93	92.16
Hs.656570	9.02	21.34	0.42	chr5	N/A	7	73	70.73	51.41
LIMD2	17.09	40.42	0.42	chr17	17q23.3	51	579	84.99	240.51
Hs.594242	14.93	35.31	0.42	chr3	N/A	7	73	67.78	56.27
SPRR2E	18.97	44.85	0.42	chr1	1q21-q22	8	16	111.94	21.29
RPL4	669.93	1,584.30	0.42	chr15	15q22	65	1440	86.00	49.34
LINC00111	5.79	13.69	0.42	chr21	21q22.3	5	22	62.44	91.39
Hs.660099	19.05	45.07	0.42	chr9	N/A	8	377	127.17	49.01
LOC100507670	13.56	32.09	0.42	chr1	N/A	11	377	89.99	51.15
Hs.537685	7.75	18.35	0.42	chr1	N/A	7	73	46.56	107.76
SUZ12	39.30	92.99	0.42	chr17	17q11.2	54	1203	137.10	110.49
TAAR9	7.42	17.56	0.42	chr6	6q23.2	17	332	75.98	48.27
LOC401312	12.18	28.83	0.42	chr7	7p15.3	6	912	86.92	101.93
Hs.667335	5.42	12.83	0.42	chr6	N/A	2	22	45.15	62.84
FAM221B	6.41	15.16	0.42	chr9	9p13.3	18	354	73.84	152.39
Hs.738414	19.68	46.56	0.42	chr7	N/A	7	73	80.95	75.71
GRAPL	10.42	24.67	0.42	chr17	17p11.2	21	1317	58.04	98.48
Hs.653966	13.06	30.91	0.42	chr7	N/A	7	73	69.39	81.17
OR10V1	24.80	58.71	0.42	chr11	11q12.1	5	52	106.09	57.20
FBXL4	13.91	32.93	0.42	chr6	6q16.1-q16.3	56	766	76.96	84.45
ERRFI1	135.82	321.46	0.42	chr1	1p36	46	523	195.23	123.99
NGEF	19.42	45.96	0.42	chr2	2q37	42	822	157.17	306.78
Hs.22637	5.26	12.46	0.42	chr21	N/A	10	73	82.72	89.24
MANBAL	87.58	207.35	0.42	chr20	20q11.23-q12	30	417	120.65	49.21
Hs.659935	4.95	11.72	0.42	chr5	N/A	7	73	44.63	63.06
Hs.544888	10.88	25.76	0.42	chr7	N/A	7	73	57.57	76.04
Hs.676705	34.94	82.75	0.42	chr10	N/A	1	304	0.00	94.30
B4GALNT2	14.07	33.32	0.42	chr17	17q21.32	19	384	84.87	95.77
Hs.568653	6.85	16.24	0.42	chr1	N/A	8	377	67.23	79.44
Hs.595087	25.96	61.50	0.42	chr8	N/A	7	73	85.20	169.57
Hs.97990	5.09	12.06	0.42	chr10	N/A	11	377	54.54	69.83
NRCAM	21.12	50.05	0.42	chr7	7q31	54	1195	222.00	162.64
ICAM5	22.15	52.47	0.42	chr19	19p13.2	55	691	213.04	825.47
Hs.127013	13.36	31.64	0.42	chr3	N/A	5	51	49.04	62.49
Hs.602713	11.72	27.77	0.42	chr3	N/A	7	73	98.88	98.09
RNF186	11.52	27.30	0.42	chr1	1p36.13	35	606	114.03	130.69
SEPT8	34.63	82.06	0.42	chr5	5q31	50	1394	86.54	151.61
Hs.134683	6.14	14.54	0.42	chr3	N/A	1	304	0.00	48.71
CEP41	19.45	46.09	0.42	chr7	7q32	83	2084	214.65	162.65
Hs.599934	7.34	17.40	0.42	chr3	N/A	7	73	62.21	75.90
GXYLT1	18.90	44.79	0.42	chr12	12q12	34	754	89.99	56.13
ANAPC4	61.41	145.58	0.42	chr4	4p15.2	25	721	50.24	57.61
TMTC4	23.71	56.22	0.42	chr13	13q32.3	44	1105	97.76	119.80
KLHDC10	47.67	113.03	0.42	chr7	7q32.2	83	2336	107.83	94.76
Hs.631643	12.78	30.30	0.42	chr19	N/A	3	326	26.66	39.02
FLJ12825	10.05	23.84	0.42	chr12	12q13.13	12	636	51.81	78.61
RLIM	30.63	72.65	0.42	chrX	Xq13-q21	46	1172	139.32	535.89
Hs.658636	3.33	7.91	0.42	chr6	N/A	1	304	0.00	73.83
LOC100507330	11.95	28.35	0.42	chr12	N/A	8	382	56.44	58.59
Hs.604121	5.62	13.33	0.42	chr1	N/A	2	22	57.34	55.41
Hs.126651	8.26	19.60	0.42	chr3	N/A	5	22	75.29	81.65
Hs.48388	5.36	12.72	0.42	chr4	N/A	7	73	95.77	94.99
TXNRD3	19.90	47.23	0.42	chr3	3q21.3	32	951	103.61	76.87
LOC642620	4.83	11.47	0.42	chr7	7q36.3	14	332	18.25	53.92
KCTD2	44.28	105.08	0.42	chr17	17q25.1	54	1020	85.46	65.73
Hs.668348	6.03	14.31	0.42	chr2	N/A	7	73	34.75	87.48
LINC00525	8.60	20.41	0.42	chr7	7p12.3	26	413	68.30	100.36
LOC100507460	16.42	38.97	0.42	chr2	2q21	14	146	56.52	68.24
GDF3	17.96	42.62	0.42	chr12	12p13.1	26	504	141.76	89.10
Hs.660317	7.82	18.57	0.42	chr12	N/A	7	73	38.45	60.16
AGTRAP	34.34	81.52	0.42	chr1	1p36.22	36	1096	116.94	90.39
Hs.659045	15.02	35.66	0.42	chr3	N/A	7	73	28.50	150.65
BLK	12.03	28.56	0.42	chr8	8p23-p22	38	988	94.72	139.46
Hs.610557	7.28	17.30	0.42	chr3	N/A	4	304	55.42	61.10
Hs.595873	7.60	18.04	0.42	chr17	N/A	8	377	43.99	41.98
B3GN17	11.06	26.25	0.42	chr2	2q37.1	29	1372	79.14	82.96
BCL11A	35.60	84.53	0.42	chr2	2p16.1	79	1888	87.38	115.14
G6PD	33.28	79.03	0.42	chrX	Xq28	39	527	127.08	102.58
Hs.434739	9.62	22.84	0.42	chr15	N/A	4	304	119.07	52.15
PTGFR	8.06	19.13	0.42	chr1	1p31.1	34	841	57.38	129.21
FAM131B	14.07	33.42	0.42	chr7	7q34	53	666	168.36	140.44
C1orf200	25.16	59.76	0.42	chr1	1p36.22	7	316	52.84	127.58
Hs.657910	7.72	18.33	0.42	chr1	N/A	7	73	50.43	70.90
C14orf119	75.23	178.70	0.42	chr14	14q11.2	36	497	98.24	54.90
TXNDC12	61.25	145.49	0.42	chr1	1p32.3	48	834	128.01	115.24
CLTC-IT1	6.99	16.60	0.42	chr17	17q23.2	10	35	21.91	43.46
FDXACB1	10.98	26.08	0.42	chr11	11q23.1	28	433	38.46	61.72
ZNF320	16.94	40.25	0.42	chr19	19q13.41	50	899	92.13	83.73
Hs.733599	9.83	23.36	0.42	chr17	N/A	7	73	65.31	52.70
CCDC38	11.69	27.76	0.42	chr12	12q23.1	22	357	73.04	165.71
Hs.594057	9.36	22.24	0.42	chr18	N/A	7	73	40.85	125.44
Hs.667048	7.71	18.33	0.42	chrX	N/A	3	66	66.19	153.42
USP51	13.79	32.76	0.42	chrX	Xp11.21	25	719	68.76	73.47
Hs.655791	9.04	21.48	0.42	chr11	N/A	2	22	10.14	57.34
Hs.597244	18.89	44.90	0.42	chr10	N/A	1	304	0.00	36.02
Hs.564671	8.82	20.97	0.42	chr14	N/A	7	73	55.12	91.39
LRRTM3	8.01	19.03	0.42	chr10	10q21.3	31	112	74.98	58.40
AMPH	21.78	51.76	0.42	chr7	7p14-p13	67	771	99.55	127.14
RNF168	21.54	51.18	0.42	chr3	3q29	25	711	65.54	95.74
Hs.545165	7.10	16.86	0.42	chr7	N/A	5	22	32.38	64.05
C1orf65	6.41	15.23	0.42	chr1	1q41	20	332	54.89	197.61
PRPF39	25.02	59.47	0.42	chr14	14q21.2	26	507	40.53	69.25

RAD52	9.85	23.42	0.42	chr12	12p13-p12.2	38	1719	56.71	81.30
R3HCC1L	10.99	26.12	0.42	chr10	10q24.2	24	804	87.12	87.34
Hs.149000	4.52	10.74	0.42	chr1	N/A	2	22	54.31	55.18
LOC284688	7.19	17.10	0.42	chr1	1q24.2	3	326	54.60	51.30
Hs.669778	15.10	35.90	0.42	chr20	N/A	1	304	0.00	58.65
YAE1D1	32.21	76.59	0.42	chr7	7p14.1	33	542	84.78	57.45
Hs.673033	17.98	42.75	0.42	chr11	N/A	1	304	0.00	98.56
SALL2	48.03	114.23	0.42	chr14	14q11.1-q12	30	568	79.80	83.17
Hs.596043	13.45	32.00	0.42	chr2	N/A	5	51	32.58	54.51
Hs.668046	28.35	67.43	0.42	chr15	N/A	2	22	3.83	98.69
Hs.714894	8.48	20.17	0.42	chr12	N/A	6	355	50.55	80.49
Hs.128220	7.58	18.04	0.42	chr3	N/A	7	73	74.41	263.53
Hs.537753	11.24	26.75	0.42	chr1	N/A	10	73	40.61	219.61
Hs.721954	85.89	204.42	0.42	chr8	N/A	10	73	100.61	158.74
Hs.668020	4.72	11.24	0.42	chr5	N/A	2	22	5.54	52.88
PSMG2	163.05	388.06	0.42	chr18	18p11.21	37	566	115.58	58.02
Hs.672497	22.79	54.24	0.42	chr10	N/A	1	304	0.00	52.24
Hs.661813	14.56	34.66	0.42	chr7	N/A	3	66	66.93	54.33
DDX11	39.35	93.66	0.42	chr12	12p11	60	1750	127.22	106.19
RBM23	61.71	146.91	0.42	chr14	14q11.2	58	662	137.93	63.85
RORA	22.35	53.21	0.42	chr15	15q22.2	127	3857	115.50	171.15
Hs.666483	14.55	34.64	0.42	chr10	N/A	7	73	91.80	93.95
CAMK1G	11.16	26.58	0.42	chr1	1q32.2	38	940	87.38	91.30
CCR7	25.69	61.17	0.42	chr17	17q12-q21.2	28	551	65.16	175.41
METTL3	42.06	100.15	0.42	chr14	14q11.1	32	979	96.25	75.92
Hs.666209	10.04	23.91	0.42	chr1	N/A	8	377	46.47	77.96
Hs.569211	6.43	15.32	0.42	chr12	N/A	11	117	51.75	185.15
UBE2E1	84.08	200.23	0.42	chr3	3p24.2	41	951	226.66	120.30
Hs.668430	4.90	11.67	0.42	chr1	N/A	1	304	0.00	57.18
PHYHIP	31.72	75.54	0.42	chr8	8p21.3	30	564	65.26	232.40
TCY13	48.72	116.04	0.42	chr10	10q24.1	62	1211	103.21	68.19
NOS1AP	13.20	31.44	0.42	chr1	1q23.3	31	868	75.89	91.38
LOC254896	12.17	28.99	0.42	chr8	8p21.2	20	868	78.56	102.53
Hs.662858	17.36	41.35	0.42	chr2	N/A	8	377	82.31	59.61
Hs.81529	5.30	12.61	0.42	chr3	N/A	1	304	0.00	61.26
XPO6	67.41	160.58	0.42	chr16	16p11.2	47	1072	79.46	51.05
ACTR3B	21.62	51.50	0.42	chr7	7q36.1	51	870	90.71	81.44
GSAP	30.34	72.27	0.42	chr7	7q11.23	51	1542	119.90	101.65
EVC2	10.18	24.25	0.42	chr4	4p16.2-p16.1	30	766	72.47	72.15
RAPH1	39.01	92.94	0.42	chr2	2q33	85	1970	138.45	123.48
NFXL1	17.01	40.53	0.42	chr4	4p12	20	409	103.59	74.13
ITSN1	27.39	65.26	0.42	chr21	21q22.1-q22.2	82	2413	156.19	126.98
TTC6	8.99	21.43	0.42	chr14	14q21.1	19	1141	76.52	95.60
Hs.671927	8.31	19.79	0.42	chr7	N/A	1	304	0.00	62.39
Hs.147719	6.21	14.79	0.42	chr4	N/A	2	22	69.26	70.71
Hs.601141	46.72	111.33	0.42	chr13	N/A	7	73	60.46	48.27
IGSF1	26.98	64.29	0.42	chrX	Xq25	42	931	92.42	301.24
Hs.553019	8.49	20.24	0.42	chr2	N/A	14	332	40.59	70.04
CACNA2D2	23.97	57.13	0.42	chr3	3p21.3	38	620	85.49	154.65
TMTC2	23.77	56.67	0.42	chr12	12q21.31	27	761	65.88	69.70
HOXB8	6.75	16.10	0.42	chr17	17q21.3	23	1061	42.07	126.10
Hs.667769	15.66	37.33	0.42	chr10	N/A	7	73	54.31	117.60
Hs.655826	10.95	26.11	0.42	chr9	N/A	8	377	70.31	55.87
CNTNAP2	14.69	35.02	0.42	chr7	7q35	83	2131	119.32	176.35
Hs.655025	8.07	19.25	0.42	chr11	N/A	7	73	54.65	64.20
Hs.599958	11.00	26.22	0.42	chr7	N/A	7	73	57.97	55.78
CNOT6L	34.96	83.38	0.42	chr4	4q13.3	68	1823	127.68	136.42
Hs.170557	14.94	35.64	0.42	chr5	N/A	4	304	50.69	41.84
Hs.733645	15.10	36.01	0.42	chr16	N/A	1	304	0.00	40.39
SLC25A48	13.83	32.98	0.42	chr5	5q31.1	28	513	93.73	76.26
CDC7	17.84	42.55	0.42	chr1	1p22	30	570	43.76	87.61
Hs.655072	21.02	50.14	0.42	chr22	N/A	1	304	0.00	42.89
Hs.664750	7.91	18.88	0.42	chr12	N/A	7	73	49.07	66.13
Hs.713905	10.78	25.71	0.42	chr9	N/A	10	28	39.48	54.64
GPR155	26.08	62.24	0.42	chr2	2q31.1	59	1001	99.64	170.08
KCNK3	24.78	59.13	0.42	chr2	2p23	67	1120	112.92	165.49
CARKD	83.28	198.76	0.42	chr13	13q34	55	662	90.59	65.73
DZIP1L	14.03	33.49	0.42	chr3	3q22.3	34	468	107.10	61.20
LZTS3	38.04	90.80	0.42	chr20	20p13	30	560	70.04	95.30
CCDC155	14.36	34.27	0.42	chr19	19q13.33	17	333	108.28	114.71
DGCR11	17.11	40.84	0.42	chr22	22q11.21	14	532	67.88	76.41
EPC1	45.20	107.90	0.42	chr10	10p11	90	2127	239.43	145.75
Hs.662485	7.10	16.95	0.42	chr19	N/A	7	73	62.21	85.26
GMCL1	23.30	55.64	0.42	chr2	2p13.3	51	593	83.75	68.39
CORO1A	59.31	141.63	0.42	chr16	16p11.2	30	573	133.24	186.08
PLIN3	78.54	187.52	0.42	chr19	19p13.3	39	689	75.26	84.09
LDOC1	83.33	199.01	0.42	chrX	Xq27	28	555	152.93	98.75
RAD54L2	22.34	53.35	0.42	chr3	3p21.2	27	584	73.53	95.36
GTF3C1	68.88	164.50	0.42	chr16	16p12	33	975	89.63	72.52
BACH2	20.35	48.60	0.42	chr6	6q15	57	1365	107.30	111.66
GMFB	69.62	166.30	0.42	chr14	14q22.2	45	1035	121.01	131.01
Hs.543561	11.21	26.79	0.42	chr4	N/A	10	73	52.94	63.80
Hs.31942	4.68	11.19	0.42	chr4	N/A	7	73	69.48	114.07
ATXN1L	59.61	142.44	0.42	chr16	16q22.2	24	771	80.63	41.17
CNNM3	58.28	139.26	0.42	chr2	2p12-p11.2	18	460	62.73	49.88
ATF5	27.28	65.18	0.42	chr19	19q13.3	55	1867	115.97	275.00
DCLRE1B	12.66	30.27	0.42	chr1	1p13.2	29	827	58.05	59.62
Hs.101439	25.34	60.57	0.42	chr9	N/A	7	73	86.68	147.68
CD82	50.46	120.60	0.42	chr11	11p11.2	35	611	69.02	88.74
MNS1	16.87	40.31	0.42	chr15	15q21.3	31	532	101.52	202.21
POC1B	15.46	36.94	0.42	chr12	12q21.33	68	1386	116.09	94.80
CCDC126	16.88	40.36	0.42	chr7	7p15.3	57	848	61.04	125.92
Hs.446292	13.22	31.61	0.42	chr2	N/A	26	827	109.66	421.54

Hs.131438	7.83	18.73	0.42	chr15	N/A	7	73	67.67	85.30
Hs.635133	19.13	45.73	0.42	chr6	N/A	10	73	84.50	123.97
GLI2	13.56	32.41	0.42	chr2	2q14	65	1583	115.29	94.79
Hs.662247	5.58	13.34	0.42	chr10	N/A	8	377	47.90	73.79
MYH11	138.59	331.51	0.42	chr16	16p13.11	100	3180	155.81	290.07
HOTAIRM1	15.66	37.46	0.42	chr7	7p15.2	32	1699	59.35	109.81
Hs.709781	37.34	89.34	0.42	chr16	N/A	1	304	0.00	34.84
Hs.733573	5.27	12.61	0.42	chr11	N/A	8	377	53.77	127.50
Hs.520375	6.35	15.19	0.42	chr1	N/A	10	73	46.64	69.50
Hs.602471	14.18	33.94	0.42	chr20	N/A	7	73	50.85	53.66
Hs.540115	5.59	13.38	0.42	chr2	N/A	2	22	0.63	63.68
Hs.281898	4.39	10.51	0.42	chr1	N/A	2	39	29.34	53.91
KRT10	302.62	724.34	0.42	chr17	17q21	37	1405	67.59	229.74
Hs.634624	6.85	16.41	0.42	chr3	N/A	7	73	88.28	78.01
Hs.599944	23.24	55.66	0.42	chr2	N/A	7	73	94.77	97.33
C3orf70	22.87	54.77	0.42	chr3	3q27.2	27	761	93.29	130.78
Hs.147506	6.12	14.66	0.42	chr8	N/A	7	73	42.70	101.17
Hs.652760	39.48	94.57	0.42	chr6	N/A	8	377	81.22	56.30
ST14	24.43	58.51	0.42	chr11	11q24-q25	40	1413	91.42	142.61
LIMK2	26.56	63.62	0.42	chr22	22q12.2	80	1681	79.51	84.85
C2orf42	32.31	77.42	0.42	chr2	2p13.3	31	545	74.25	163.22
Hs.602192	21.47	51.44	0.42	chr2	N/A	7	73	50.89	130.79
AGPAT6	23.58	56.50	0.42	chr8	8p11.21	45	1177	78.56	86.43
Hs.705572	7.53	18.04	0.42	chr1	N/A	10	28	106.24	58.45
Hs.293736	48.58	116.40	0.42	chr20	N/A	25	478	88.69	48.34
Hs.161803	7.34	17.60	0.42	chr16	N/A	4	304	49.12	76.93
Hs.274586	14.24	34.13	0.42	chr4	N/A	4	304	83.36	50.64
LOC100506013	3.08	7.38	0.42	chr4	4q32	1	304	0.00	164.63
Hs.444671	9.17	21.98	0.42	chr12	N/A	7	73	38.22	71.35
LINC00294	46.36	111.11	0.42	chr11	11p13	13	428	108.62	59.22
ARRDC2	47.27	113.29	0.42	chr19	19p13.11	40	475	62.78	98.40
Hs.515291	11.91	28.55	0.42	chr19	N/A	6	355	122.32	50.12
LOC100507367	10.37	24.86	0.42	chr6	N/A	3	66	67.84	68.10
KLHL40	23.31	55.87	0.42	chr3	3p22.1	19	391	133.13	221.25
Hs.288042	7.88	18.90	0.42	chr8	N/A	4	304	46.37	57.67
DNAJC18	20.00	47.94	0.42	chr5	5q31.2	47	1185	75.44	105.04
Hs.710021	43.43	104.13	0.42	chr6	N/A	7	73	133.83	77.96
Hs.133181	12.94	31.02	0.42	chr3	N/A	6	66	39.91	99.18
Hs.601240	7.20	17.27	0.42	chr10	N/A	7	73	45.86	60.18
INSC	10.76	25.79	0.42	chr11	11p15.2	14	377	58.55	172.79
Hs.675300	40.71	97.62	0.42	chr1	N/A	1	304	0.00	28.95
CRTAP	68.99	165.44	0.42	chr3	3p22.3	98	2226	137.36	127.96
BCORL1	23.77	57.00	0.42	chrX	Xq25-q26.1	41	1509	77.40	101.18
Hs.148819	6.73	16.13	0.42	chr2	N/A	2	22	38.06	87.25
MAMDC4	17.95	43.05	0.42	chr9	9q34.3	19	384	46.32	158.25
GPR119	36.73	88.08	0.42	chrX	Xq26.1	18	80	56.04	83.16
Hs.596709	10.93	26.21	0.42	chr3	N/A	1	304	0.00	40.16
CHRNA	15.89	38.12	0.42	chr2	2q37.1	21	453	118.66	57.44
LOC731223	3.28	7.87	0.42	chr14	14q24.3	1	316	0.00	75.94
TMEM211	7.46	17.89	0.42	chr22	22q11.23	8	52	27.59	45.30
USP36	21.28	51.04	0.42	chr17	17q25.3	44	1732	90.46	81.20
Hs.660052	2.90	6.96	0.42	chr3	N/A	1	304	0.00	69.43
TAS2R1	17.18	41.23	0.42	chr5	5p15	21	453	166.47	65.48
LOC348761	10.78	25.86	0.42	chr2	2q37.1	35	554	68.08	142.90
Hs.648716	10.55	25.32	0.42	chr9	N/A	7	73	86.53	63.45
SULT1A4	88.17	211.58	0.42	chr16	N/A	32	101	57.25	173.05
HOPX	91.14	218.74	0.42	chr4	4q12	58	1233	128.93	260.53
TEX33	8.22	19.73	0.42	chr22	22q12.3	31	465	126.78	275.24
FAM63A	106.16	254.83	0.42	chr1	1q21.3	55	893	118.78	87.04
SASH3	39.44	94.68	0.42	chrX	Xq26	33	522	125.57	115.46
LOC100653206	9.50	22.79	0.42	chr9	N/A	16	389	70.67	108.58
Hs.734244	4.42	10.60	0.42	chr3	N/A	5	22	40.59	56.21
YWHAZ	238.67	572.95	0.42	chr8	8q23.1	126	2251	281.55	98.62
T	16.19	38.86	0.42	chr6	6q27	47	716	85.78	114.20
SDR9C7	8.38	20.11	0.42	chr12	12q13.3	32	412	50.29	158.24
Hs.666381	8.43	20.24	0.42	chr17	N/A	3	66	40.61	80.67
XG	9.42	22.62	0.42	chrX	Xp22.33	39	1078	114.65	177.45
Hs.508729	9.46	22.72	0.42	chr13	N/A	11	332	62.37	61.57
FAM57B	20.01	48.04	0.42	chr16	16p11.2	16	385	30.01	93.78
RAP2B	30.28	72.71	0.42	chr3	3q25.2	59	1847	209.45	168.16
LHFPL3-AS1	4.15	9.97	0.42	chr7	7q22.1	10	620	54.52	70.60
PFKFB4	17.44	41.88	0.42	chr3	3p22-p21	31	870	97.71	91.54
ACAP1	20.22	48.55	0.42	chr17	17p13.1	45	1009	101.42	169.45
CNOT6	34.35	82.51	0.42	chr5	5q35.3	47	945	89.22	54.10
UBTF	32.43	77.89	0.42	chr17	17q21.31	52	1896	74.89	60.60
DNASE1L2	12.58	30.21	0.42	chr16	16p13.3	23	495	119.96	90.48
Hs.667978	7.44	17.88	0.42	chr10	N/A	7	73	87.45	91.79
Hs.353163	49.83	119.74	0.42	chr17	N/A	8	377	59.36	137.40
Hs.598557	4.79	11.52	0.42	chr3	N/A	11	332	32.51	86.86
NKX2-1	14.74	35.41	0.42	chr14	14q13	65	1142	103.83	308.99
Hs.664002	8.56	20.58	0.42	chr4	N/A	7	73	66.83	315.78
RUNDC3B	13.93	33.47	0.42	chr7	7q21.12	29	860	100.96	95.20
ZNF645	9.21	22.14	0.42	chrX	Xp22.11	34	435	56.88	66.26
Hs.667597	4.75	11.43	0.42	chr4	N/A	2	22	49.43	72.40
TMEM199	46.97	112.90	0.42	chr17	17q11.2	35	749	75.89	57.86
ZBTB40	23.71	57.00	0.42	chr1	1p36	63	1590	125.00	86.95
Hs.658222	10.99	26.43	0.42	chr13	N/A	7	73	88.26	59.51
ZNF84	23.52	56.54	0.42	chr12	12q24.33	28	881	79.30	76.14
LHFPL2	55.89	134.37	0.42	chr5	5q14.1	38	577	67.99	65.08
PTPN14	34.87	83.83	0.42	chr1	1q32.2	68	1663	101.31	110.75
PC	34.27	82.40	0.42	chr11	11q13.4-q13.5	32	500	69.12	109.52
Hs.733323	233.56	561.65	0.42	chr17	N/A	7	73	90.54	91.82
SP140	23.90	57.48	0.42	chr2	2q37.1	46	597	83.63	240.97

Hs.654732	4.14	9.96	0.42	chr6	N/A	2	22	26.78	55.34
Hs.735112	10.65	25.61	0.42	chr1	N/A	1	304	0.00	55.60
Hs.733277	5.39	12.97	0.42	chr2	N/A	7	73	61.85	96.31
Hs.675850	17.66	42.49	0.42	chr12	N/A	10	28	45.75	53.30
HN1L	37.28	89.73	0.42	chr16	16p13.3	75	1665	102.03	101.76
PGLYRP4	24.92	59.98	0.42	chr1	1q21	38	537	148.03	95.92
C22orf42	9.61	23.13	0.42	chr22	22q12.3	7	630	60.30	90.68
TTL6	10.44	25.14	0.42	chr17	17q21.32	29	412	48.96	181.13
EXOC5	28.76	69.24	0.42	chr14	14q22.3	78	2034	179.01	156.01
KIAA1217	24.33	58.58	0.42	chr10	10p12.31	83	2705	118.07	101.62
Hs.733537	19.30	46.46	0.42	chr11	N/A	14	146	70.94	161.45
KNTC1	12.77	30.74	0.42	chr12	12q24.31	120	715	95.13	103.58
TNNT3	70.63	170.07	0.42	chr11	11p15.5	44	902	52.60	345.08
GGT7	18.36	44.21	0.42	chr20	20q11.22	88	1688	81.96	97.71
Hs.543290	3.37	8.11	0.42	chr3	N/A	1	304	0.00	75.98
Hs.736256	10.74	25.86	0.42	chr2	N/A	1	304	0.00	75.31
C12orf49	24.99	60.18	0.42	chr12	12q24.22	39	863	87.80	75.58
ZNF367	11.68	28.14	0.42	chr9	9q22.32	34	433	68.98	123.49
C11orf16	26.67	64.25	0.42	chr11	11p15.3	31	493	113.87	150.58
Hs.541470	5.91	14.24	0.42	chr2	N/A	5	22	36.11	66.35
LOC339685	6.87	16.55	0.42	chr22	22q13.31	1	304	0.00	63.30
Hs.705617	28.39	68.38	0.42	chr10	N/A	10	28	25.20	49.91
RND1	20.43	49.21	0.42	chr12	12q12	30	576	63.46	109.91
Hs.662811	14.14	34.06	0.42	chr6	N/A	7	73	73.12	147.92
Hs.573660	3.90	9.40	0.42	chr1	N/A	2	22	49.23	74.01
Hs.37517	9.79	23.59	0.42	chr1	N/A	10	73	75.64	72.41
TAF4B	14.22	34.26	0.42	chr18	18q11.2	44	1066	95.50	81.58
SYT15	27.62	66.57	0.41	chr10	10q11.1	74	827	136.54	129.95
ZNF8	21.06	50.75	0.41	chr19	19q13.43	35	566	80.48	56.74
Hs.661672	9.39	22.64	0.41	chr10	N/A	8	377	71.76	70.38
Hs.659163	5.68	13.69	0.41	chr1	N/A	7	73	47.34	72.87
Hs.665701	10.05	24.24	0.41	chr7	N/A	1	304	0.00	76.21
Hs.100938	8.16	19.67	0.41	chr2	N/A	10	73	46.94	75.11
LINC00342	21.24	51.20	0.41	chr2	2q11.2	25	476	45.34	81.48
UPF3A	52.13	125.68	0.41	chr13	13q34	88	2018	89.07	116.32
Hs.599818	41.77	100.73	0.41	chr10	N/A	7	73	70.46	73.12
ZNF837	4.54	10.94	0.41	chr19	19q13.43	1	304	0.00	59.77
Hs.733316	6.83	16.47	0.41	chr19	N/A	8	377	63.62	220.95
Hs.667500	5.75	13.88	0.41	chr2	N/A	1	304	0.00	42.37
Hs.664784	14.07	33.93	0.41	chr1	N/A	10	399	143.37	50.95
Hs.664599	9.57	23.10	0.41	chr3	N/A	7	73	94.26	87.63
Hs.667478	4.17	10.06	0.41	chr12	N/A	2	22	2.15	68.25
KRT33A	12.40	29.92	0.41	chr17	17q12-q21	26	492	117.30	238.53
Hs.675459	3.05	7.36	0.41	chr5	N/A	1	304	0.00	77.35
Hs.161354	7.32	17.65	0.41	chr13	N/A	1	304	0.00	195.14
FAM135A	19.51	47.08	0.41	chr6	6q13	57	1292	87.78	183.50
Hs.662510	23.62	56.99	0.41	chr2	N/A	7	73	57.87	60.47
COL9A2	22.66	54.67	0.41	chr1	1p33-p32	50	1073	86.96	116.75
Hs.600017	5.38	12.99	0.41	chr2	N/A	1	304	0.00	61.40
Hs.130462	8.73	21.06	0.41	chr18	N/A	7	73	48.52	81.20
KLK8	22.98	55.47	0.41	chr19	19q13	35	1173	107.03	196.81
CYP11A1	39.49	95.33	0.41	chr15	15q23-q24	28	548	70.20	518.20
Hs.616436	17.57	42.41	0.41	chr12	N/A	11	332	35.60	78.37
Hs.541507	25.19	60.82	0.41	chr2	N/A	7	73	67.86	52.52
SKA3	12.47	30.11	0.41	chr13	13q12.11	26	457	62.71	71.50
Hs.659052	9.28	22.40	0.41	chr15	N/A	10	399	56.46	55.94
DSC1	27.46	66.30	0.41	chr18	18q12.1	33	567	164.85	429.03
Hs.601637	13.97	33.73	0.41	chr2	N/A	7	51	49.49	69.14
NPSR1-AS1	8.01	19.34	0.41	chr7	7p14.3	35	732	85.77	72.90
GNAI3	59.29	143.18	0.41	chr1	1p13	40	1429	167.55	107.17
LOC100134229	19.98	48.25	0.41	chr7	7q34	11	332	84.22	36.19
PYGL	44.36	107.13	0.41	chr14	14q21-q22	49	774	75.06	133.81
Hs.733213	9.92	23.96	0.41	chr15	N/A	2	22	8.00	55.57
UFM1	37.70	91.06	0.41	chr13	13q13.3	35	1096	84.38	82.42
LOC101060023	26.13	63.11	0.41	chr9	N/A	1	304	0.00	46.56
MC4R	9.55	23.06	0.41	chr18	18q22	21	455	51.38	51.36
Hs.129546	6.38	15.41	0.41	chr17	N/A	3	66	82.85	118.06
Hs.654714	4.33	10.46	0.41	chr16	N/A	11	332	53.41	50.16
FIBIN	43.89	106.05	0.41	chr11	11p14.2	27	761	69.38	130.97
SPG21	133.30	322.10	0.41	chr15	15q21-q22	45	958	72.79	55.17
Hs.660035	3.62	8.74	0.41	chr10	N/A	1	304	0.00	76.45
Hs.560019	5.28	12.76	0.41	chr12	N/A	19	752	63.04	215.14
LOC375295	10.41	25.15	0.41	chr2	2q31.1	53	620	101.86	107.10
Hs.604360	7.07	17.08	0.41	chr2	N/A	1	304	0.00	51.25
LOC100507462	2.66	6.44	0.41	chr6	N/A	1	311	0.00	83.55
Hs.595841	12.84	31.04	0.41	chr17	N/A	1	304	0.00	55.77
H1FX-AS1	10.19	24.63	0.41	chr3	3q21.3	4	304	95.33	90.92
Hs.677230	10.06	24.31	0.41	chr3	N/A	15	448	129.07	47.81
DSCC1	9.54	23.06	0.41	chr8	8q24.12	124	1111	125.49	80.83
PKD2	38.72	93.62	0.41	chr4	4q22.1	48	710	85.32	113.41
MYBL2	15.38	37.20	0.41	chr20	20q13.1	30	565	57.84	98.68
LRR37A	21.68	52.45	0.41	chr17	17q21.31	15	891	80.46	75.01
LOC441009	3.02	7.29	0.41	chr4	4p15.33	1	304	0.00	58.33
Hs.661160	8.24	19.93	0.41	chr9	N/A	7	73	72.41	73.39
Hs.589360	6.70	16.21	0.41	chr15	N/A	3	66	87.14	105.21
FGF11	22.07	53.40	0.41	chr17	17p13.1	25	710	103.42	101.20
ORIB1	41.32	99.99	0.41	chr9	9q33.2	5	52	107.76	39.97
SLC22A20	8.99	21.76	0.41	chr11	11q13.1	8	58	53.54	75.16
Hs.597532	5.64	13.66	0.41	chr2	N/A	7	73	44.10	117.73
Hs.732749	66.65	161.32	0.41	chr15	N/A	7	73	105.21	97.11
MFSD1	100.33	242.85	0.41	chr3	3q25.32	28	533	81.97	59.35
ZNF83	33.72	81.61	0.41	chr19	19q13.3	60	859	127.09	125.94
RFX1	31.84	77.06	0.41	chr19	19p13.1	41	900	120.10	145.10

RGPD1	44.99	108.90	0.41	chr2	2p11.2	64	607	208.22	97.82
Hs.659591	12.50	30.27	0.41	chr6	N/A	7	73	35.51	92.93
Hs.659427	5.82	14.09	0.41	chr12	N/A	7	73	45.43	95.74
Hs.522545	40.03	96.91	0.41	chr19	N/A	18	405	44.96	46.38
Hs.678840	17.72	42.89	0.41	chr12	N/A	1	304	0.00	66.92
FAM26E	13.07	31.64	0.41	chr6	6q22.1	27	364	97.30	48.04
SH3RF1	33.94	82.17	0.41	chr4	4q32.3	44	874	74.24	81.32
BAG4	23.37	56.58	0.41	chr8	8p11.23	62	1369	81.43	83.46
CXXC1	93.29	225.89	0.41	chr18	18q12	33	950	145.63	89.54
Hs.602971	6.75	16.34	0.41	chr2	N/A	7	73	67.94	76.59
Hs.661071	129.51	313.63	0.41	chrX	N/A	1	305	0.00	44.42
HUNK	11.48	27.79	0.41	chr21	21q22.1	39	858	88.46	57.79
Hs.538201	14.43	34.95	0.41	chr1	N/A	8	377	71.12	84.63
Hs.112943	7.15	17.31	0.41	chr8	N/A	7	73	73.24	246.07
Hs.129302	17.46	42.30	0.41	chr12	N/A	4	304	59.06	58.64
Hs.238769	6.98	16.92	0.41	chr7	N/A	7	73	99.23	69.22
Hs.655757	12.47	30.22	0.41	chrX	N/A	22	909	149.08	136.09
Hs.445391	5.10	12.36	0.41	chr17	N/A	14	332	49.23	63.09
TP53	23.42	56.75	0.41	chr17	17p13.1	71	1359	130.61	101.44
LYZL6	21.97	53.24	0.41	chr17	17q11.2	34	643	158.91	162.62
DDR2	65.48	158.71	0.41	chr1	1q23.3	60	1675	130.68	128.20
VNN3	7.52	18.23	0.41	chr6	6q23.2	46	1168	81.20	186.02
RIOK1	26.86	65.12	0.41	chr6	6p24.3	42	497	91.36	47.62
Hs.667370	12.30	29.81	0.41	chr4	N/A	7	73	55.11	67.37
CDR2	34.83	84.46	0.41	chr16	16p12.3	40	588	102.59	85.20
NYAP1	10.97	26.60	0.41	chr7	7q22.1	17	338	57.71	49.36
Hs.568557	5.28	12.80	0.41	chr1	N/A	7	73	31.56	97.63
CPM	27.40	66.45	0.41	chr12	12q14.3	79	2460	119.29	156.90
Hs.534923	8.75	21.21	0.41	chr17	N/A	3	66	30.59	163.38
AKR1E2	13.53	32.82	0.41	chr10	10p15.1	30	1082	60.60	146.77
Hs.649997	6.18	15.00	0.41	chr14	N/A	1	304	0.00	46.61
Hs.602479	17.22	41.76	0.41	chr12	N/A	7	73	55.15	69.73
LOC100506048	21.21	51.45	0.41	chr4	N/A	16	28	57.48	115.55
Hs.601545	22.82	55.35	0.41	chr14	N/A	2	608	99.08	79.12
ANKRD29	26.32	63.85	0.41	chr18	18q11.2	29	465	82.84	78.82
DEPTOR	41.25	100.09	0.41	chr8	8q24.12	34	894	101.67	176.26
Hs.671883	7.46	18.09	0.41	chr14	N/A	1	304	0.00	56.92
AK7	10.57	25.65	0.41	chr14	14q32.2	47	1619	108.02	159.00
Hs.654741	4.25	10.31	0.41	chr4	N/A	12	636	44.60	146.55
COL14A1	22.28	54.08	0.41	chr8	8q23	81	1652	89.54	207.35
Hs.659083	13.78	33.43	0.41	chr18	N/A	3	326	50.77	74.60
Hs.493096	20.56	49.90	0.41	chr1	N/A	3	320	21.52	73.14
Hs.633089	24.03	58.34	0.41	chr1	N/A	1	304	0.00	28.16
Hs.314518	6.74	16.37	0.41	chr3	N/A	2	608	73.93	128.34
Hs.656309	38.94	94.55	0.41	chr5	N/A	3	320	93.77	38.94
MACF1	83.37	202.42	0.41	chr1	1p32-p31	97	3468	148.71	98.58
MICU3	28.67	69.61	0.41	chr8	8p22	44	518	78.92	114.65
HOXD4	15.71	38.15	0.41	chr2	2q31.1	28	875	77.83	95.23
Hs.443029	10.16	24.67	0.41	chr19	N/A	14	146	68.62	86.21
TMEM2	38.07	92.43	0.41	chr9	9q21.13	38	566	80.21	93.19
LOC100131840	7.02	17.04	0.41	chr3	3p21.31	2	16	43.57	87.30
Hs.669769	8.28	20.10	0.41	chr1	N/A	1	304	0.00	53.04
Hs.733880	9.41	22.85	0.41	chr11	N/A	15	450	59.47	55.52
GDF5	14.11	34.26	0.41	chr20	20q11.2	30	567	106.33	94.32
Hs.602492	5.27	12.80	0.41	chr7	N/A	2	22	34.74	69.90
Hs.561252	4.46	10.83	0.41	chr4	N/A	7	73	53.04	106.85
Hs.656732	16.42	39.88	0.41	chr1	N/A	4	370	102.65	96.84
ADD3	163.84	397.96	0.41	chr10	10q25.2	74	2283	133.76	93.08
LOC100506651	19.72	47.91	0.41	chr3	N/A	12	636	37.93	66.93
Hs.635002	8.77	21.30	0.41	chr22	N/A	7	73	73.79	85.17
EMP1	128.40	311.91	0.41	chr12	12p12.3	43	1715	158.76	224.66
Hs.635615	10.46	25.41	0.41	chr3	N/A	1	304	0.00	42.11
SLC25A29	51.92	126.13	0.41	chr14	14q32.2	39	1063	72.48	158.08
LINC00658	7.57	18.40	0.41	chr20	N/A	9	327	59.77	142.34
PPP1R21	31.74	77.13	0.41	chr2	2p16.3	41	902	85.09	80.95
SIMC1	41.63	101.16	0.41	chr5	5q35.2	42	499	130.42	79.86
Hs.597744	11.69	28.42	0.41	chr3	N/A	7	73	79.23	55.75
Hs.147496	7.11	17.28	0.41	chr4	N/A	5	22	82.00	101.60
DBC1	11.83	28.75	0.41	chr9	9q32-q33	55	1048	157.93	167.18
Hs.434577	16.24	39.48	0.41	chr19	N/A	1	304	0.00	31.95
Hs.666596	5.75	13.99	0.41	chr6	N/A	1	304	0.00	63.26
LOC285000	4.10	9.96	0.41	chr2	2q12.2	1	304	0.00	51.76
Hs.137731	15.26	37.10	0.41	chr17	N/A	17	466	86.41	73.85
Hs.445500	7.90	19.20	0.41	chrX	N/A	4	304	59.47	180.83
Hs.733541	22.81	55.46	0.41	chr16	N/A	10	28	33.40	51.83
Hs.741725	25.18	61.22	0.41	chr17	N/A	10	840	86.74	102.73
OTUB2	10.17	24.72	0.41	chr14	14q32.12	61	1237	120.25	149.04
LOC100130950	10.53	25.61	0.41	chr17	17p13.2	13	944	48.13	66.08
ING5	17.52	42.61	0.41	chr2	2q37.3	91	1891	152.70	106.10
Hs.656288	17.10	41.59	0.41	chr1	N/A	8	377	107.71	47.98
Hs.143562	3.75	9.13	0.41	chr20	N/A	2	22	2.50	46.45
Hs.512386	12.43	30.23	0.41	chr2	N/A	1	304	0.00	47.04
Hs.561823	11.09	26.98	0.41	chr8	N/A	4	304	39.21	77.67
Hs.599729	4.94	12.01	0.41	chr3	N/A	1	304	0.00	54.42
Hs.567932	6.07	14.77	0.41	chr18	N/A	2	22	2.90	76.18
Hs.664678	31.01	75.46	0.41	chr5	N/A	7	73	81.37	221.56
Hs.665862	20.19	49.13	0.41	chr4	N/A	8	377	55.55	56.97
Hs.147485	5.47	13.30	0.41	chr3	N/A	6	66	37.73	67.33
Hs.534101	10.65	25.91	0.41	chr2	N/A	7	73	38.77	154.61
RDH8	14.19	34.54	0.41	chr19	19p13.2	21	453	62.55	76.88
OR1L8	41.80	101.74	0.41	chr9	9q33.2	8	52	67.41	62.03
Hs.656356	12.36	30.08	0.41	chr8	N/A	7	73	73.39	216.93
NOL9	46.03	112.06	0.41	chr1	1p36.31	47	1242	73.08	42.81

Hs.146040	5.40	13.14	0.41	chr14	N/A	1	304	0.00	57.86
REG4	13.94	33.94	0.41	chr1	1p13.1-p12	44	863	94.01	314.41
SNX31	19.49	47.46	0.41	chr8	8q22.3	38	538	260.92	224.83
SNTB1	12.82	31.22	0.41	chr8	8q23-q24	83	2088	128.12	182.33
Hs.720594	18.08	44.04	0.41	chr10	N/A	1	304	0.00	62.38
Hs.600633	7.69	18.73	0.41	chr4	N/A	7	73	57.73	179.11
Hs.661716	8.96	21.82	0.41	chr14	N/A	1	304	0.00	116.50
Hs.147194	6.16	14.99	0.41	chr6	N/A	7	73	71.86	101.16
HNRNPH1	227.20	553.38	0.41	chr5	5q35.3	103	2257	224.05	147.39
AVPR1B	21.05	51.27	0.41	chr1	1q32	25	532	137.41	97.93
TMEM218	34.31	83.56	0.41	chr11	11q24.2	35	1159	144.02	672.57
LINC00205	11.35	27.65	0.41	chr21	21q22.3	14	337	39.14	38.90
BRICD5	19.97	48.64	0.41	chr16	16p13.3	17	335	68.57	52.26
MED15	46.24	112.65	0.41	chr22	22q11.2	31	537	44.49	52.61
CATSPERG	8.88	21.64	0.41	chr19	19q13.1	39	1255	81.61	184.13
TTC3	113.31	276.06	0.41	chr21	21q22.2	103	3211	188.35	115.13
Hs.672188	5.64	13.74	0.41	chr17	N/A	10	28	24.89	117.25
RRP1B	31.40	76.51	0.41	chr21	21q22.3	50	1062	85.31	85.84
MGC21881	30.49	74.30	0.41	chr9	9q21.11	38	1105	79.60	101.14
FLJ23867	27.46	66.92	0.41	chr1	1q25.2	24	360	69.10	62.86
LOC100240734	9.81	23.91	0.41	chr12	12q13.13	8	377	52.74	50.68
Hs.661436	5.87	14.32	0.41	chr13	N/A	1	304	0.00	73.98
Hs.132436	7.00	17.08	0.41	chr8	N/A	7	73	74.28	97.82
SRCAP	23.35	56.92	0.41	chr16	16p11.2	52	2466	107.05	270.06
PROSER2-AS1	5.64	13.75	0.41	chr10	10p14	22	668	60.88	58.71
VAV1	18.81	45.87	0.41	chr19	19p13.2	37	666	84.16	105.59
Hs.568153	12.20	29.74	0.41	chr13	N/A	7	73	43.49	74.40
Hs.637097	12.53	30.56	0.41	chr17	N/A	1	304	0.00	38.46
ARGFX	15.25	37.19	0.41	chr3	3q13.33	5	52	99.94	84.14
Hs.444197	9.36	22.82	0.41	chr3	N/A	22	523	67.90	51.44
Hs.600956	6.06	14.78	0.41	chr4	N/A	7	73	106.96	97.43
Hs.734648	18.55	45.24	0.41	chr9	N/A	16	28	53.43	55.54
NPM2	50.71	123.66	0.41	chr8	8p21.3	19	395	204.89	108.31
Hs.723295	28.43	69.34	0.41	chr17	N/A	7	73	52.16	55.20
Hs.674734	22.06	53.79	0.41	chr7	N/A	1	304	0.00	59.38
CXorf66	31.10	75.86	0.41	chrX	Xq27.1	5	52	170.71	51.73
MXD3	13.69	33.39	0.41	chr5	5q35.3	38	542	59.72	107.33
Hs.499901	14.12	34.47	0.41	chr10	N/A	3	66	57.47	55.85
GPX8	20.99	51.23	0.41	chr5	5q11.2	137	970	60.84	150.91
FENDRR	11.02	26.90	0.41	chr16	16q24.1	19	717	69.11	93.18
EAF1	16.45	40.15	0.41	chr3	3p25.1	46	514	87.58	74.17
Hs.661457	11.83	28.87	0.41	chr4	N/A	7	73	55.40	69.73
Hs.181500	4.09	9.99	0.41	chr8	N/A	1	304	0.00	46.05
COL4A3BP	56.15	137.08	0.41	chr5	5q13.3	61	1690	69.01	59.27
Hs.677063	18.25	44.55	0.41	chr10	N/A	1	304	0.00	72.85
UBL3	63.45	154.91	0.41	chr13	13q12-q13	59	1171	89.90	73.48
NXPE4	8.16	19.94	0.41	chr11	11q23.2	27	448	117.26	274.20
ARHGEF35	27.64	67.50	0.41	chr7	7q35	20	101	141.03	96.49
CFHR5	4.91	11.98	0.41	chr1	1q31.3	31	485	52.12	360.18
Hs.597585	14.66	35.81	0.41	chr17	N/A	32	551	53.40	78.26
MT1H	333.70	815.10	0.41	chr16	16q13	43	601	82.89	131.47
TIGD2	14.40	35.19	0.41	chr4	4q22.1	26	469	71.71	68.31
NDC1	22.94	56.04	0.41	chr1	1p32.3	49	891	65.06	81.72
Hs.658797	11.94	29.17	0.41	chr10	N/A	8	377	32.10	47.06
VSIG10	18.62	45.48	0.41	chr12	12q24.23	48	1546	79.69	89.79
Hs.124836	5.95	14.55	0.41	chr7	N/A	10	73	58.64	88.71
Hs.656345	8.01	19.57	0.41	chr1	N/A	1	304	0.00	64.71
FCRL1	16.02	39.15	0.41	chr1	1q21-q22	29	412	203.34	198.75
Hs.616262	7.53	18.41	0.41	chr2	N/A	10	28	20.95	32.24
Hs.667617	6.04	14.77	0.41	chr15	N/A	2	22	29.00	83.64
Hs.602377	12.56	30.71	0.41	chr3	N/A	7	73	74.16	110.11
RAG1	7.59	18.54	0.41	chr11	11p13	32	826	109.22	577.21
TMEM253	10.32	25.23	0.41	chr14	14q11.2	8	377	94.62	69.51
LPIN2	43.93	107.40	0.41	chr18	18p11.31	62	1166	112.40	125.68
C9orf91	20.83	50.92	0.41	chr9	9q32	63	869	85.47	74.43
MYCL1	14.88	36.39	0.41	chr1	1p34.2	62	1160	90.02	96.39
GEN1	9.81	23.98	0.41	chr2	2p24.2	56	586	85.02	100.31
Hs.666577	3.74	9.14	0.41	chr11	N/A	2	22	10.40	72.48
Hs.552036	8.53	20.87	0.41	chr22	N/A	7	73	56.98	61.22
Hs.605095	6.82	16.68	0.41	chr3	N/A	10	28	54.79	58.00
Hs.731734	15.79	38.61	0.41	chr5	N/A	7	73	83.06	78.00
Hs.125667	4.30	10.52	0.41	chr6	N/A	2	22	53.72	93.26
CDCP1	11.32	27.69	0.41	chr3	3p21.31	52	1118	92.61	106.31
Hs.735802	35.33	86.42	0.41	chr1	N/A	1	304	0.00	39.49
DPEP1	32.33	79.09	0.41	chr16	16q24.3	28	543	196.21	189.23
LINC00577	6.81	16.66	0.41	chr6	6q21	1	304	0.00	45.58
MCHR2	7.81	19.12	0.41	chr6	6q16	32	413	82.32	73.55
CEP120	24.99	61.15	0.41	chr5	5q23.2	52	845	101.15	100.24
KLHL10	9.52	23.31	0.41	chr17	17q21.2	20	692	87.40	296.68
MATN4	12.35	30.23	0.41	chr20	20q13.1-q13.2	36	565	75.14	61.91
Hs.603754	4.72	11.55	0.41	chr16	N/A	3	66	38.68	91.57
GABRG1	7.73	18.91	0.41	chr4	4p12	32	768	123.59	151.55
Hs.732586	36.20	88.59	0.41	chr4	N/A	8	377	63.46	56.03
ATAD5	9.29	22.75	0.41	chr17	17q11.2	61	670	99.16	64.55
Hs.129625	5.28	12.92	0.41	chr18	N/A	14	146	48.74	123.77
LOC154092	6.33	15.49	0.41	chr6	6q23.2	8	388	68.15	102.24
Hs.130092	5.58	13.66	0.41	chr3	N/A	10	73	37.46	117.48
FAM27E2	5.70	13.96	0.41	chr9	9p11.2	8	12	25.84	24.58
Hs.670888	13.02	31.89	0.41	chr6	N/A	1	304	0.00	37.39
ULBP2	13.18	32.26	0.41	chr6	6q25	49	893	159.10	124.03
CXorf67	3.87	9.47	0.41	chrX	Xp11.22	1	304	0.00	66.08
CKS2	51.91	127.10	0.41	chr9	9q22	42	702	96.94	186.07
PTBP3	41.16	100.77	0.41	chr9	9q32	86	2312	111.55	161.39

CCDC96	22.85	55.95	0.41	chr4	4p16.1	26	454	75.61	221.06
LOC100129203	12.55	30.74	0.41	chr11	11q21	14	146	84.50	89.02
Hs.126664	9.55	23.39	0.41	chr1	N/A	11	377	91.93	91.41
Hs.661921	22.47	55.02	0.41	chr2	N/A	1	304	0.00	73.42
Hs.510213	4.59	11.24	0.41	chr14	N/A	14	146	28.80	102.70
Hs.633023	5.87	14.39	0.41	chr1	N/A	1	304	0.00	55.30
Hs.593461	9.72	23.80	0.41	chr13	N/A	1	304	0.00	70.55
LOC654780	33.37	81.76	0.41	chr16	16q24.1	11	332	36.80	55.15
CNR2	26.22	64.24	0.41	chr1	1p36.11	28	554	93.98	83.89
LOC100505989	7.76	19.01	0.41	chr4	4q32	1	304	0.00	189.69
NUTM1	28.01	68.64	0.41	chr15	15q14	24	762	230.94	134.62
SFXN2	31.10	76.21	0.41	chr10	10q24.32	26	469	110.75	62.23
RPS7	956.45	2,343.66	0.41	chr2	2p25	66	1053	117.44	60.42
MRPL49	101.88	249.65	0.41	chr11	11q13	45	623	128.22	56.25
SUMF1	62.44	153.04	0.41	chr3	3p26.1	30	561	54.42	65.83
PRR15	27.02	66.23	0.41	chr7	7p14.3	41	511	131.13	195.84
PIGS	65.30	160.06	0.41	chr17	17p13.2	31	490	104.63	48.09
EFCAB4B	16.62	40.73	0.41	chr12	12p13.32	31	1022	108.14	275.42
LOC728061	50.51	123.82	0.41	chr9	9q22.32	1	304	0.00	69.23
Hs.649193	9.88	24.22	0.41	chr6	N/A	11	377	53.96	102.01
PLEKHS1	5.45	13.36	0.41	chr10	10q25.3	35	785	93.91	176.31
MBD3L1	6.61	16.20	0.41	chr19	19p13.2	18	636	42.12	142.30
KHNYN	40.80	100.03	0.41	chr14	14q12	42	1017	77.65	47.94
ATXN7	32.70	80.18	0.41	chr3	3p21.1-p12	77	1639	106.40	88.35
CSTB	512.68	1,257.27	0.41	chr21	21q22.3	30	577	70.26	171.21
EPHB6	24.17	59.28	0.41	chr7	7q33-q35	37	649	77.31	110.02
TM4SF19	6.23	15.27	0.41	chr3	3q29	22	28	40.58	55.24
OR52N2	36.93	90.58	0.41	chr11	11p15.4	8	52	76.54	58.07
Hs.659568	11.06	27.13	0.41	chr3	N/A	7	73	54.85	216.61
Hs.609107	5.05	12.39	0.41	chr1	N/A	1	304	0.00	57.58
Hs.710476	14.67	35.99	0.41	chr15	N/A	7	73	36.10	44.62
OR5W2	60.87	149.41	0.41	chr11	11q11	5	52	133.18	49.94
Hs.665648	6.79	16.67	0.41	chr17	N/A	3	326	43.02	91.51
Hs.662171	147.85	362.98	0.41	chr2	N/A	1	304	0.00	71.36
ERN2	26.33	64.64	0.41	chr16	16p12.2	35	940	87.77	108.44
Hs.570657	5.91	14.51	0.41	chr3	N/A	3	66	11.52	126.28
Hs.729580	12.16	29.86	0.41	chr10	N/A	1	304	0.00	38.80
CASP14	8.70	21.36	0.41	chr19	19p13.1	17	333	93.47	138.38
LHX3	24.52	60.22	0.41	chr9	9q34.3	33	453	157.21	113.04
C1orf192	10.84	26.63	0.41	chr1	1q23.3	21	435	102.50	227.68
ADM2	20.31	49.88	0.41	chr22	22q13.33	21	462	92.40	106.98
PHYHD1	43.88	107.77	0.41	chr9	9q34.11	39	508	96.18	151.89
Hs.659593	11.62	28.54	0.41	chr2	N/A	2	22	36.05	57.68
KCNQ1OT1	15.69	38.54	0.41	chr11	11p15	36	1175	132.34	84.19
TEX13B	13.84	34.00	0.41	chrX	Xq22.3	21	454	62.86	72.70
CDK2AP1	254.38	624.90	0.41	chr12	12q24.31	34	617	119.08	104.23
Hs.668036	26.85	65.96	0.41	chr16	N/A	7	73	75.30	134.78
LOC100506652	5.93	14.57	0.41	chr8	N/A	13	354	93.93	123.73
RFPL1S	9.31	22.88	0.41	chr22	22q12	28	911	90.75	148.45
PARP9	37.87	93.04	0.41	chr3	3q21	30	773	80.68	56.50
ADAM18	5.98	14.69	0.41	chr8	8p11.22	31	870	70.63	120.97
Hs.668340	7.50	18.42	0.41	chr1	N/A	7	73	100.46	198.80
LANCL2	21.84	53.68	0.41	chr7	7q31.1-q31.33	40	1174	134.92	72.01
BUB3	60.20	147.94	0.41	chr10	10q26	80	2248	142.16	77.24
Hs.741724	12.04	29.58	0.41	chr8	N/A	10	840	81.39	127.20
BRD1	41.98	103.17	0.41	chr22	22q13.33	39	1075	63.78	66.18
PHLPP1	15.99	39.29	0.41	chr18	18q21.33	55	1189	99.27	126.88
MAPK8IP1	26.56	65.27	0.41	chr11	11p11.2	61	1198	238.87	163.91
Hs.649368	9.94	24.44	0.41	chr7	N/A	1	304	0.00	44.24
Hs.667556	9.19	22.59	0.41	chr1	N/A	3	66	38.01	75.30
Hs.603497	6.26	15.39	0.41	chr11	N/A	7	73	49.93	77.38
BRIP1	8.73	21.47	0.41	chr17	17q22.2	59	1066	93.54	1,174.07
LPAR1	53.68	131.97	0.41	chr9	9q31.3	50	1489	129.85	127.02
Hs.662330	6.52	16.03	0.41	chr1	N/A	7	73	38.69	82.54
Hs.666244	10.24	25.18	0.41	chr5	N/A	17	466	81.53	65.21
Hs.713654	39.36	96.80	0.41	chr4	N/A	1	304	0.00	51.73
Hs.570322	5.89	14.48	0.41	chr20	N/A	10	73	29.65	111.19
ALOX15B	22.42	55.16	0.41	chr17	17p13.1	51	1020	93.58	207.35
LOC339874	6.35	15.63	0.41	chr3	3q22.1	2	608	36.72	55.05
TNPO1	114.40	281.41	0.41	chr5	5q13.2	117	3661	157.30	123.93
STAG1	27.51	67.68	0.41	chr3	3q22.3	46	1362	102.07	82.31
Hs.656395	28.54	70.22	0.41	chr3	N/A	12	493	70.64	103.42
Hs.652675	6.55	16.11	0.41	chr10	N/A	2	22	18.61	73.12
Hs.655997	9.56	23.51	0.41	chr19	N/A	2	22	9.89	57.63
LOC728724	6.80	16.74	0.41	chr8	8q24.21	16	162	66.43	182.99
Hs.670378	3.94	9.70	0.41	chr6	N/A	1	304	0.00	66.36
LOC100289230	10.06	24.77	0.41	chr5	5q21.1	11	332	21.47	78.22
Hs.592015	10.54	25.93	0.41	chr15	N/A	8	377	118.92	77.23
LOC100129395	25.98	63.96	0.41	chr17	17q12	17	101	72.19	59.08
PKD2L1	15.77	38.83	0.41	chr10	10q24	28	532	144.25	74.06
Hs.658357	35.89	88.36	0.41	chr12	N/A	1	304	0.00	36.86
Hs.113170	8.00	19.69	0.41	chr3	N/A	21	405	82.51	117.01
FAM117A	70.99	174.78	0.41	chr17	17q21.33	28	538	54.98	194.15
TREX1	41.41	101.97	0.41	chr3	3p21.31	42	1101	133.06	98.11
Hs.597871	7.62	18.75	0.41	chr1	N/A	7	73	58.02	94.23
Hs.126642	6.92	17.05	0.41	chr3	N/A	2	22	35.35	68.03
Hs.604230	13.49	33.21	0.41	chr3	N/A	1	304	0.00	150.10
NXF2B	28.13	69.28	0.41	chrX	Xq22.1	13	51	103.76	68.08
CLDN15	29.15	71.78	0.41	chr7	7q11.22	36	820	89.79	113.93
SLC7A9	25.98	63.99	0.41	chr19	19q13.1	28	533	93.56	150.61
LIX1	9.88	24.33	0.41	chr5	5q15	44	866	100.41	225.33
QRICH2	9.66	23.80	0.41	chr17	17q25.1	26	460	143.22	91.90
PHEX	10.54	25.97	0.41	chrX	Xp22.2-p22.1	23	492	60.47	72.64

PSMG3	34.57	85.16	0.41	chr7	7p22.3	26	469	70.11	59.14
OXR1	37.37	92.06	0.41	chr8	8q23	74	1609	125.50	112.53
POM121L12	38.69	95.31	0.41	chr7	7p12.1	27	771	86.40	150.42
Hs.50272	42.20	103.95	0.41	chr14	N/A	7	73	63.51	70.55
CARD14	9.71	23.92	0.41	chr17	17q25	49	2189	117.69	84.08
ARMCX6	105.85	260.78	0.41	chrX	Xq21.33-q22.3	34	488	73.51	50.12
LOC339807	12.66	31.20	0.41	chr2	2p14	1	304	0.00	63.83
Hs.147558	9.46	23.30	0.41	chr4	N/A	2	22	27.75	105.42
Hs.602207	5.77	14.23	0.41	chr8	N/A	7	73	67.89	78.68
LOC645427	11.44	28.19	0.41	chr17	17p11.2	13	28	43.35	56.46
SMG9	20.13	49.61	0.41	chr19	19q13.31	30	1141	85.07	65.86
SERF1A	57.36	141.39	0.41	chr5	5q13	20	700	91.65	120.12
NFAT5	55.20	136.08	0.41	chr16	16q22.1	80	1634	197.06	105.06
Hs.604018	6.62	16.33	0.41	chr1	N/A	2	22	26.93	55.98
EFS	35.89	88.49	0.41	chr14	14q11.2-q12	38	1007	80.13	82.69
CCIN	17.97	44.32	0.41	chr9	9p13.3	30	561	67.27	804.80
Hs.666724	6.23	15.37	0.41	chr11	N/A	2	22	26.65	61.08
Hs.135201	14.16	34.93	0.41	chr16	N/A	5	22	63.68	54.64
CRBN	80.15	197.66	0.41	chr3	3p26.2	49	943	119.34	61.78
IGKV1-5	5.64	13.92	0.41	chr2	2p12	5	420	30.44	103.35
Hs.655064	10.81	26.66	0.41	chr15	N/A	18	405	69.33	56.58
OAS1	23.27	57.39	0.41	chr12	12q24.2	56	1121	69.53	92.08
Hs.112791	6.33	15.62	0.41	chr19	N/A	11	377	63.07	125.41
NSUN6	18.83	46.45	0.41	chr10	10p12.31	22	762	70.23	98.91
Hs.107384	10.79	26.61	0.41	chr10	N/A	16	383	123.36	78.73
CATX-1	4.67	11.52	0.41	chr2	N/A	12	636	61.78	64.77
ZMYND10	16.56	40.85	0.41	chr3	3p21.3	35	990	86.93	314.11
DENND1C	24.59	60.69	0.41	chr19	19p13.3	28	545	180.15	89.04
Hs.661871	28.67	70.75	0.41	chr2	N/A	3	66	131.33	105.77
GNAL	19.83	48.94	0.41	chr18	18p11.22-p11.1	78	2066	105.66	121.93
Hs.32951	8.42	20.77	0.41	chr11	N/A	7	73	59.99	121.45
Hs.667427	4.18	10.32	0.41	chr4	N/A	2	22	26.44	63.66
EVA1A	20.16	49.77	0.41	chr2	2p12	26	465	79.62	104.13
ALKBH6	36.48	90.04	0.41	chr19	19q13.12	19	396	79.41	53.81
Hs.333181	14.73	36.36	0.41	chr3	N/A	7	73	86.82	176.31
DCAF15	16.35	40.37	0.41	chr19	19p13.12	50	1857	95.49	97.59
Hs.157234	11.84	29.23	0.41	chr19	N/A	11	377	58.15	82.11
Hs.666309	14.57	35.97	0.41	chr17	N/A	14	146	79.47	76.71
DIO2	35.66	88.05	0.41	chr14	14q24.2-q24.3	87	2084	145.96	274.45
Hs.144151	12.87	31.78	0.41	chr10	N/A	8	377	78.88	192.64
SLC29A3	21.81	53.86	0.40	chr10	10q22.1	48	589	85.57	67.25
COCH	39.45	97.44	0.40	chr14	14q11.2-q13	48	1205	418.42	155.11
C12orf54	7.88	19.47	0.40	chr12	12q13.11	19	940	128.83	227.46
Hs.606172	10.47	25.85	0.40	chr21	N/A	1	304	0.00	177.39
Hs.658886	11.88	29.36	0.40	chr2	N/A	5	51	46.73	63.16
AREGB	3.22	7.96	0.40	chr4	4q13.3	1	304	0.00	118.49
OR9G4	91.02	224.88	0.40	chr11	11q12.1	8	52	184.21	48.81
CASP12	6.20	15.31	0.40	chr11	11q22.3	23	457	57.96	60.92
Hs.149133	29.81	73.65	0.40	chr20	N/A	7	73	86.13	156.31
SERINC3	137.16	338.98	0.40	chr20	20q13.12	82	2084	121.39	76.33
Hs.649304	6.25	15.44	0.40	chr18	N/A	2	22	9.14	80.57
Hs.712879	275.63	681.18	0.40	chr5	N/A	5	420	124.30	49.64
SCRT2	28.56	70.59	0.40	chr20	20p13	18	80	55.34	179.09
Hs.602867	5.55	13.73	0.40	chr11	N/A	3	66	28.17	84.66
Hs.655740	5.52	13.65	0.40	chr18	N/A	7	73	55.04	95.33
TSPAN15	34.08	84.25	0.40	chr10	10q22.1	28	532	76.17	81.29
CLEC11A	25.04	61.89	0.40	chr19	19q13.3	33	1344	93.00	125.43
PIGG	26.37	65.19	0.40	chr4	4p16.3	50	1501	79.04	105.67
SETD8	36.56	90.39	0.40	chr12	12q24.31	65	1624	149.96	104.12
Hs.434726	6.29	15.56	0.40	chr17	N/A	1	304	0.00	62.35
PAPD7	51.27	126.77	0.40	chr5	5p15	44	723	90.04	62.09
LOC100507537	47.59	117.68	0.40	chr3	3q25	10	28	33.25	152.88
LOC100130560	13.89	34.34	0.40	chr15	15q26.1	7	73	86.94	69.21
Hs.660589	19.69	48.68	0.40	chr16	N/A	8	377	83.69	55.70
Hs.582016	8.76	21.67	0.40	chr4	N/A	7	73	65.12	70.15
Hs.593027	716.27	1,771.39	0.40	chr11	N/A	8	377	119.56	74.83
Hs.143707	7.64	18.89	0.40	chr1	N/A	22	523	59.60	78.15
LHPP	46.23	114.33	0.40	chr10	10q26.13	45	639	82.13	161.23
IKBKE	24.38	60.30	0.40	chr1	1q32.1	28	924	89.85	54.79
Hs.666948	5.18	12.81	0.40	chr16	N/A	2	22	73.21	55.86
VPS52	89.58	221.55	0.40	chr6	6p21.3	35	628	93.46	59.77
Hs.677106	3.86	9.55	0.40	chr18	N/A	12	636	75.32	88.16
MUC22	11.10	27.45	0.40	chr6	6p21.33	8	12	19.47	17.35
CD101	9.04	22.37	0.40	chr1	1p13	23	492	104.32	78.29
Hs.662710	8.25	20.40	0.40	chr18	N/A	15	450	71.00	113.35
IKZF3	12.90	31.92	0.40	chr17	17q21	62	961	107.64	200.36
CSMTM6	78.56	194.37	0.40	chr3	3p22.3	40	1181	63.95	148.91
Hs.129455	5.70	14.10	0.40	chr20	N/A	7	73	53.03	90.02
Hs.568200	12.89	31.89	0.40	chr16	N/A	7	73	169.40	107.69
GYG2	20.92	51.77	0.40	chrX	Xp22.3	50	1408	82.65	166.28
DUPD1	8.47	20.96	0.40	chr10	10q22.2	5	52	50.92	80.92
RNF20	75.97	187.98	0.40	chr9	9q22	28	521	92.76	57.71
TGIF2LY	10.22	25.29	0.40	chrY	Yp11.2	21	407	87.89	111.47
SCD5	44.40	109.91	0.40	chr4	4q21.22	70	1529	266.45	247.21
ARL4C	29.47	72.96	0.40	chr2	2q37.1	70	1737	143.17	126.64
TMEM119	19.89	49.24	0.40	chr12	12q23.3	33	531	127.37	99.70
RPS6KA3	37.70	93.35	0.40	chrX	Xp22.2-p22.1	95	1319	71.50	79.46
Hs.672731	8.74	21.65	0.40	chr11	N/A	1	304	0.00	85.35
FER	16.24	40.21	0.40	chr5	5q21	35	614	54.83	80.83
LOC349160	4.70	11.64	0.40	chr7	7q34	11	332	99.69	68.36
Hs.145940	5.57	13.78	0.40	chr11	N/A	7	73	21.21	97.72
FNDC4	25.96	64.30	0.40	chr2	2p23.3	18	460	86.06	89.94
DISP2	18.04	44.67	0.40	chr15	15q15.1	24	436	62.97	89.39

OR5AK2	7.38	18.28	0.40	chr11	11q12.1	20	132	60.64	89.13
Hs.284464	17.46	43.25	0.40	chr10	N/A	7	73	46.45	64.57
Hs.695361	49.86	123.50	0.40	chr12	N/A	8	12	8.09	34.55
Hs.661984	11.06	27.40	0.40	chr4	N/A	7	73	55.04	115.69
PBX4	18.63	46.16	0.40	chr19	19p12	26	468	100.27	94.26
LINC00852	6.85	16.96	0.40	chr3	3p25.3	19	385	41.39	54.45
Hs.600988	8.71	21.58	0.40	chr18	N/A	7	73	87.00	68.11
Hs.631183	10.36	25.66	0.40	chr5	N/A	10	28	125.15	74.52
Hs.722484	6.50	16.11	0.40	chr3	N/A	7	73	89.30	72.71
Hs.538132	5.16	12.78	0.40	chr1	N/A	7	73	60.27	100.48
LOC100996654	8.23	20.40	0.40	chr7	N/A	6	326	32.33	57.94
DNAJC16	21.91	54.30	0.40	chr1	1p36.1	47	1428	97.74	73.95
Hs.662446	73.71	182.68	0.40	chr5	N/A	7	73	82.61	77.58
KCTD11	30.63	75.93	0.40	chr17	17p13.1	19	385	78.04	84.30
KLKB1	22.13	54.85	0.40	chr4	4q35	30	570	54.33	265.60
GAL3ST4	30.47	75.52	0.40	chr7	7q22.1	21	448	84.01	66.62
EIF4A1	236.01	585.02	0.40	chr17	17p13	107	1860	131.32	95.65
SLCO6A1	11.21	27.79	0.40	chr5	5q21.1	24	592	168.11	195.93
Hs.741713	67.42	167.13	0.40	chr15	N/A	7	73	76.80	65.15
PLXNB2	80.99	200.79	0.40	chr22	22q13.33	55	1048	93.04	120.65
Hs.721864	14.86	36.84	0.40	chr1	N/A	10	28	91.35	42.05
Hs.675702	6.69	16.58	0.40	chr4	N/A	10	840	51.09	64.41
HBD	100.37	248.85	0.40	chr11	11p15.5	32	532	110.10	472.37
Hs.572704	9.41	23.32	0.40	chr2	N/A	7	73	32.43	66.87
TRBV27	7.15	17.73	0.40	chr7	7q34	18	405	77.72	88.79
Hs.657002	8.19	20.31	0.40	chr19	N/A	5	420	72.65	76.25
Hs.608257	36.98	91.69	0.40	chr17	N/A	7	73	46.65	49.28
Hs.606865	6.41	15.90	0.40	chr9	N/A	3	66	56.88	68.14
FN3K	15.39	38.18	0.40	chr17	17q25.3	28	536	57.49	334.59
TCTA	49.82	123.56	0.40	chr3	3p21	40	605	87.83	57.23
Hs.130980	7.16	17.75	0.40	chr1	N/A	11	377	40.79	50.08
DPC2	24.10	59.78	0.40	chr5	5q22.2	74	1287	92.06	129.61
STIL	12.76	31.66	0.40	chr1	1p32	30	565	93.21	68.10
LOC285441	5.63	13.98	0.40	chr4	4q35.2	34	433	53.00	205.59
Hs.715034	8.13	20.18	0.40	chr1	N/A	4	304	55.43	59.27
CCL25	15.39	38.18	0.40	chr19	19p13.2	36	575	76.43	271.73
NRM	62.67	155.50	0.40	chr6	6p21.33	26	469	147.25	68.07
APOBR	9.67	24.01	0.40	chr16	16p11	21	465	57.09	91.80
PPIA	540.97	1,342.47	0.40	chr7	7p13	108	2741	84.54	105.93
FLJ41170	7.59	18.85	0.40	chr14	14q32.31	4	304	68.34	80.37
Hs.587037	12.98	32.22	0.40	chr2	N/A	13	28	60.66	31.03
TET3	15.34	38.08	0.40	chr2	2p13.1	42	1243	75.45	89.26
Hs.540727	10.05	24.94	0.40	chr17	N/A	10	73	86.93	166.30
Hs.445482	15.24	37.85	0.40	chr2	N/A	1	304	0.00	33.10
Hs.211626	11.58	28.76	0.40	chr5	N/A	11	332	133.38	71.72
ITGA2	21.33	52.96	0.40	chr5	5q11.2	69	1131	116.21	96.37
Hs.566695	4.05	10.05	0.40	chr7	N/A	7	73	42.66	81.69
SLC4A8	14.20	35.25	0.40	chr12	12q13.13	75	1731	109.52	143.57
CCDC30	36.11	89.68	0.40	chr1	1p34.2	54	943	365.85	391.93
Hs.444210	7.00	17.39	0.40	chr20	N/A	9	95	44.65	94.08
OR13A1	22.93	56.95	0.40	chr10	10q11.21	8	52	104.70	123.91
SLX1B	31.60	78.48	0.40	chr16	16p11.2	23	1156	136.92	84.16
Hs.721304	6.33	15.73	0.40	chr17	N/A	7	73	61.23	71.31
Hs.633626	8.07	20.05	0.40	chr7	N/A	2	22	46.05	88.70
GLB1L3	9.39	23.33	0.40	chr11	11q25	23	688	75.83	97.61
ALB	108.51	269.56	0.40	chr4	4q13.3	73	1104	752.15	488.09
IL1RAPL2	20.31	50.46	0.40	chrX	Xq22	24	453	87.51	103.11
CAMKK2	44.18	109.76	0.40	chr12	12q24.2	98	2091	116.69	133.83
ACE	12.06	29.95	0.40	chr17	17q23.3	50	930	93.89	101.21
KIAA1644	11.99	29.78	0.40	chr22	N/A	43	973	81.18	92.03
JPH4	27.92	69.38	0.40	chr14	14q11	11	377	229.68	136.20
Hs.734237	3.42	8.49	0.40	chr10	N/A	2	22	32.73	65.06
TM4SF5	17.53	43.55	0.40	chr17	17p13.3	42	693	82.26	205.37
Hs.596941	8.25	20.51	0.40	chr11	N/A	7	73	58.89	81.54
LYSMD2	64.86	161.19	0.40	chr15	15q21.2	26	469	79.91	101.53
Hs.563228	7.96	19.78	0.40	chr4	N/A	7	73	102.15	127.14
Hs.660230	21.71	53.97	0.40	chr7	N/A	7	73	60.85	49.81
Hs.673891	13.27	32.98	0.40	chr11	N/A	1	304	0.00	42.35
Hs.663621	4.11	10.20	0.40	chr1	N/A	1	304	0.00	60.03
S100A11	215.18	534.90	0.40	chr1	1q21	45	1030	207.40	129.50
DTX1	22.95	57.05	0.40	chr12	12q24.13	43	560	104.85	134.01
Hs.664628	6.18	15.35	0.40	chr17	N/A	8	377	30.63	58.92
LOC254028	11.29	28.07	0.40	chr14	14q11.2	4	304	54.21	77.66
OLR1	12.39	30.82	0.40	chr12	12p13.2-p12.3	30	569	93.17	165.94
Hs.713399	3.76	9.36	0.40	chr16	N/A	9	316	37.32	96.01
ACP2	54.73	136.10	0.40	chr11	11p12-p11	40	605	105.44	61.49
LOC402160	9.76	24.26	0.40	chr4	4p16.3	9	326	50.66	57.57
APOA4	14.87	36.98	0.40	chr11	11q23	47	671	104.80	388.54
GLTP	141.72	352.52	0.40	chr12	12q24.11	24	789	165.28	151.99
Hs.537255	2.35	5.85	0.40	chr16	N/A	2	22	74.61	57.91
Hs.476944	13.48	33.52	0.40	chr3	N/A	2	608	68.43	91.10
Hs.664821	7.01	17.44	0.40	chr1	N/A	7	73	28.89	92.13
STEAP1	34.24	85.19	0.40	chr7	7q21	69	717	299.98	154.53
Hs.741035	6.95	17.28	0.40	chr16	N/A	10	28	34.21	35.99
GABRP	18.95	47.14	0.40	chr5	5q35.1	30	569	59.38	221.96
Hs.634791	4.74	11.80	0.40	chr17	N/A	2	22	24.86	99.66
FRMPD2	7.02	17.46	0.40	chr10	10q11.22	33	80	73.16	86.86
TFF3	91.06	226.58	0.40	chr21	21q22.3	53	759	122.95	228.85
LOC730101	13.77	34.27	0.40	chr6	6p12.2	24	565	81.72	77.61
Hs.605563	4.57	11.38	0.40	chr1	N/A	1	304	0.00	52.44
Hs.637431	4.68	11.66	0.40	chr3	N/A	8	12	15.97	38.20
STX16	55.60	138.43	0.40	chr20	20q13.32	82	2117	122.68	98.83
PARP16	30.77	76.61	0.40	chr15	15q22.31	42	679	77.42	51.42

HDGFL1	12.78	31.81	0.40	chr6	6p22.3	18	80	41.46	240.45
SMN1	40.44	100.67	0.40	chr5	5q13.2	107	2182	122.55	102.69
Hs.736011	4.98	12.41	0.40	chr2	N/A	1	304	0.00	76.04
XPO7	35.45	88.28	0.40	chr8	8p21	57	1513	117.70	261.54
Hs.121667	35.01	87.19	0.40	chr10	N/A	20	101	86.79	92.54
EPPIN	12.75	31.74	0.40	chr20	20q13.12	54	1020	105.88	358.37
LUC7L	35.16	87.57	0.40	chr16	16p13.3	31	1681	67.82	79.26
MTMR10	27.64	68.85	0.40	chr15	15q13.3	39	898	126.36	115.81
Hs.128434	10.10	25.17	0.40	chr2	N/A	7	73	47.17	60.32
PLSCR1	38.75	96.55	0.40	chr3	3q23	60	1532	90.54	119.80
Hs.745238	10.92	27.22	0.40	chr17	N/A	7	73	50.62	72.49
Hs.149054	4.71	11.73	0.40	chr5	N/A	2	22	14.16	75.67
Hs.668276	26.16	65.19	0.40	chr9	N/A	2	16	97.42	24.20
Hs.599735	9.22	22.98	0.40	chr17	N/A	7	73	78.74	169.51
KIF3A	31.03	77.32	0.40	chr5	5q31	38	954	84.07	131.19
Hs.729448	8.67	21.61	0.40	chr17	N/A	3	326	85.72	35.97
FAM19A2	7.09	17.68	0.40	chr12	12q14.1	32	448	55.23	104.02
DIEXF	16.54	41.23	0.40	chr1	1q32.2	80	1912	89.17	60.34
FAM132B	15.73	39.19	0.40	chr2	2q37.3	28	438	37.72	131.02
Hs.565743	6.82	17.00	0.40	chr21	N/A	3	66	7.61	172.48
NCAPG2	15.32	38.19	0.40	chr7	7q36.3	33	585	61.21	81.53
PSD2	18.71	46.63	0.40	chr5	5q31.2	24	441	162.20	158.66
CCR9	10.96	27.33	0.40	chr3	3p21.3	25	499	82.56	203.82
Hs.165387	12.59	31.39	0.40	chr6	N/A	7	73	85.89	456.89
TRIM4	45.86	114.33	0.40	chr7	7q22-q31.1	61	1511	121.37	101.99
YIPF7	9.31	23.22	0.40	chr4	4p12	15	28	43.12	62.10
Hs.596059	21.68	54.06	0.40	chr9	N/A	2	22	23.37	50.17
KDM2B	42.54	106.09	0.40	chr12	12q24.31	53	681	165.15	75.90
Hs.659207	11.69	29.16	0.40	chr20	N/A	8	377	58.16	198.70
IL36RN	11.40	28.44	0.40	chr2	2q14	37	535	85.47	105.41
Hs.603300	4.60	11.48	0.40	chr5	N/A	2	22	83.85	67.99
Hs.667207	8.55	21.32	0.40	chr3	N/A	7	73	26.72	138.13
Hs.720401	6.45	16.10	0.40	chr22	N/A	7	73	46.81	79.81
Hs.263832	6.16	15.37	0.40	chr3	N/A	4	304	29.56	64.38
Hs.656807	15.02	37.48	0.40	chr8	N/A	11	332	69.33	54.38
Hs.149264	5.98	14.93	0.40	chr2	N/A	6	326	46.35	53.35
RIMS3	18.69	46.66	0.40	chr1	1pter-p22.2	40	1028	90.64	160.18
LOC643406	10.32	25.75	0.40	chr20	20p12.3	27	411	52.08	164.43
RAB24	52.67	131.48	0.40	chr5	5q35.3	59	485	72.71	77.15
Hs.733489	21.81	54.45	0.40	chr15	N/A	11	332	49.35	66.86
PDCD10	90.08	224.91	0.40	chr3	3q26.1	39	577	142.25	58.00
TWSG1	26.45	66.03	0.40	chr18	18p11.3	57	949	124.25	135.45
Hs.635110	15.25	38.08	0.40	chr2	N/A	5	420	64.65	57.82
Hs.602583	15.02	37.50	0.40	chr4	N/A	18	405	43.75	243.48
UGO898H09	6.13	15.29	0.40	chr8	8q12.3	22	664	61.39	177.56
Hs.98458	5.42	13.52	0.40	chr4	N/A	7	73	29.02	79.86
NEUROD1	6.01	15.02	0.40	chr2	2q32	24	805	37.27	80.54
Hs.732399	40.61	101.41	0.40	chr1	N/A	5	51	53.85	202.81
Hs.33983	22.81	56.97	0.40	chr19	N/A	8	377	75.93	41.19
Hs.729105	24.51	61.22	0.40	chr14	N/A	7	73	30.42	53.05
SLC18A2	8.39	20.96	0.40	chr10	10q25	29	848	49.91	110.75
SKIL	18.81	46.99	0.40	chr3	3q26	97	2309	182.06	132.66
KIAA1210	17.40	43.46	0.40	chrX	Xq24	16	384	124.44	253.43
Hs.654656	7.87	19.66	0.40	chr12	N/A	25	478	55.71	81.76
F13B	6.86	17.13	0.40	chr1	1q31-q32.1	23	496	172.37	256.72
IGHD	51.68	129.11	0.40	chr14	14q32.33	9	498	99.78	185.50
Hs.649302	38.52	96.23	0.40	chr9	N/A	1	304	0.00	131.56
Hs.568970	7.90	19.75	0.40	chr11	N/A	4	304	65.34	54.52
Hs.435667	88.74	221.71	0.40	chr2	N/A	7	73	66.09	80.63
SIGLEC1	22.08	55.17	0.40	chr20	20p13	33	907	150.20	167.09
FBXO33	38.36	95.86	0.40	chr14	14q21.1	47	862	91.80	69.95
BRAP	15.18	37.95	0.40	chr12	12q24	52	1926	76.03	92.90
RBP1	64.99	162.44	0.40	chr3	3q23	28	555	86.89	188.36
Hs.649356	5.43	13.57	0.40	chr4	N/A	7	73	66.14	97.97
Hs.588460	6.71	16.77	0.40	chrX	N/A	7	73	88.22	237.43
Hs.668953	6.34	15.85	0.40	chr10	N/A	1	304	0.00	67.94
BBX	77.67	194.17	0.40	chr3	3q13.1	119	3063	105.93	82.44
TMCC3	20.78	51.94	0.40	chr12	12q22	43	866	79.55	67.31
Hs.660657	18.07	45.19	0.40	chr2	N/A	1	304	0.00	71.43
BMPRI1B	16.37	40.93	0.40	chr4	4q22-q24	59	1120	108.81	194.77
Hs.663373	11.46	28.65	0.40	chr18	N/A	8	377	82.33	63.55
SLC3A1	10.85	27.15	0.40	chr2	2p16.3	29	1240	102.64	492.09
HN1	57.28	143.27	0.40	chr17	17q25.1	43	974	194.27	215.95
Hs.127764	5.95	14.89	0.40	chr17	N/A	2	22	24.75	95.79
LETMD1	67.90	169.86	0.40	chr12	12q13.12	38	654	48.24	52.00
Hs.668301	3.62	9.06	0.40	chr21	N/A	1	304	0.00	73.76
Hs.80714	9.46	23.66	0.40	chr17	N/A	11	332	212.49	118.59
Hs.435309	5.22	13.06	0.40	chr9	N/A	2	22	43.76	57.06
RPS18	1,989.02	4,976.55	0.40	chr6	6p21.3	24	477	46.24	40.78
TTY7	6.20	15.50	0.40	chrY	Yp11.2	30	1087	71.47	99.45
Hs.663991	8.32	20.83	0.40	chr21	N/A	10	393	78.01	789.31
Hs.663099	4.09	10.23	0.40	chr7	N/A	1	304	0.00	147.22
Hs.606040	15.48	38.75	0.40	chr18	N/A	18	405	69.34	64.37
Hs.670451	17.05	42.66	0.40	chr17	N/A	11	332	72.83	57.15
DNAI1	11.36	28.42	0.40	chr9	9p13.3	29	835	86.73	114.41
LOC728543	5.44	13.61	0.40	chr12	12q24.13	4	624	60.68	80.50
Hs.587484	15.55	38.94	0.40	chr9	N/A	24	560	124.69	154.09
ANKLE2	17.13	42.89	0.40	chr12	12q24.33	70	1524	83.99	118.53
SLC6A4	10.35	25.92	0.40	chr17	17q11.2	77	1495	75.84	294.75
TSHZ2	17.53	43.89	0.40	chr20	20q13.2	95	2603	121.32	84.33
FAM64A	12.26	30.71	0.40	chr17	17p13.2	121	668	81.22	68.05
NR1D1	68.88	172.55	0.40	chr17	17q11.2	45	1025	98.39	138.88
WWTR1	37.15	93.05	0.40	chr3	3q23-q24	90	1969	99.95	141.52

Hs.662542	8.29	20.78	0.40	chr8	N/A	1	304	0.00	50.80
PRSS48	10.57	26.49	0.40	chr4	4q31.3	12	156	112.89	128.95
WDR65	7.31	18.32	0.40	chr1	1p34.2	34	444	75.54	105.39
EFCAB9	6.96	17.43	0.40	chr5	5q35.1	7	73	105.19	113.90
Hs.667386	6.75	16.90	0.40	chr14	N/A	7	73	66.32	217.07
BICC1	13.62	34.13	0.40	chr10	10q21.1	21	448	91.32	54.04
BIRC2	95.72	239.85	0.40	chr11	11q22	30	577	106.68	55.33
Hs.551256	8.81	22.08	0.40	chr8	N/A	7	73	36.18	107.75
POLN	11.93	29.89	0.40	chr4	4p16.3	25	709	102.89	58.03
Hs.635391	5.52	13.83	0.40	chr19	N/A	20	868	66.45	61.61
GPM6B	121.35	304.14	0.40	chrX	Xp22.2	53	1481	441.52	270.94
HOXA13	8.48	21.26	0.40	chr7	7p15.2	43	558	111.72	150.91
Hs.28367	16.78	42.05	0.40	chr4	N/A	10	73	66.33	133.84
Hs.596830	6.44	16.13	0.40	chr5	N/A	7	73	54.29	64.72
YAP1	85.18	213.52	0.40	chr11	11q13	49	1291	149.34	119.38
Hs.648487	9.42	23.61	0.40	chr14	N/A	10	73	45.29	49.39
MPZL2	37.24	93.33	0.40	chr11	11q24	81	1595	182.04	177.96
SNRK-AS1	9.36	23.47	0.40	chr3	N/A	1	304	0.00	64.49
Hs.685033	5.43	13.62	0.40	chr15	N/A	1	304	0.00	56.27
NLRP12	13.77	34.51	0.40	chr19	19q13.42	36	716	147.96	149.87
KDMSB	35.31	88.54	0.40	chr1	1q32.1	62	1950	152.95	154.54
LRRCS5	5.93	14.87	0.40	chr11	11q12.1	27	360	65.78	159.02
CHMP7	36.15	90.65	0.40	chr8	8p21.3	42	639	62.14	61.08
Hs.665107	22.62	56.72	0.40	chr3	N/A	11	332	247.91	47.37
Hs.609810	18.96	47.56	0.40	chr6	N/A	7	73	76.99	59.38
FLJ40292	14.88	37.31	0.40	chr9	9q34.3	21	405	68.84	56.81
Hs.674030	2.96	7.41	0.40	chr14	N/A	1	304	0.00	78.75
CNIH3	7.49	18.78	0.40	chr1	1q42.12	23	491	55.22	104.04
Hs.79953	14.81	37.14	0.40	chr12	N/A	1	304	0.00	55.57
LOC100132240	8.51	21.34	0.40	chr1	1p22.1	11	78	59.38	94.70
LINC00324	14.92	37.44	0.40	chr17	17p13.1	27	367	78.43	55.50
LOC100130741	4.55	11.42	0.40	chr7	7q36.3	15	448	83.43	59.82
ANKIB1	60.00	150.57	0.40	chr7	7q21.2	49	916	209.19	58.12
Hs.734052	10.72	26.90	0.40	chr12	N/A	1	304	0.00	58.75
SFTPD	18.49	46.42	0.40	chr10	10q22.2-q23.1	44	719	104.74	360.00
Hs.706272	12.27	30.80	0.40	chr15	N/A	18	709	81.14	73.68
Hs.655315	10.91	27.39	0.40	chr12	N/A	1	304	0.00	47.68
Hs.130344	5.16	12.95	0.40	chr9	N/A	7	73	35.88	76.09
PRKG2	12.47	31.31	0.40	chr4	4q13.1-q21.1	30	566	107.62	74.41
Hs.475683	14.16	35.55	0.40	chr3	N/A	2	22	106.53	78.68
Hs.732604	11.36	28.52	0.40	chr13	N/A	3	66	106.82	82.17
ONECUT3	9.86	24.76	0.40	chr19	19p13.3	4	304	62.02	39.55
Hs.133219	4.25	10.67	0.40	chr1	N/A	2	22	34.74	104.05
ZSWIM8-AS1	22.89	57.49	0.40	chr10	N/A	7	459	62.47	78.32
TSC22D1-AS1	8.84	22.20	0.40	chr13	13q14.11	25	479	94.32	75.86
DDX11L2	22.96	57.66	0.40	chr2	2q13	13	348	58.30	74.71
SUSD4	17.33	43.52	0.40	chr1	1q41	50	1239	92.54	114.29
Hs.511138	91.20	229.04	0.40	chr15	N/A	7	73	73.10	63.65
Hs.556122	10.17	25.54	0.40	chr10	N/A	7	73	72.27	86.21
Hs.663733	5.31	13.35	0.40	chr7	N/A	7	73	89.92	81.72
Hs.147149	3.15	7.90	0.40	chr2	N/A	3	66	18.64	164.62
Hs.513833	19.88	49.93	0.40	chr16	N/A	8	12	21.72	19.36
Hs.601125	10.17	25.54	0.40	chr2	N/A	5	51	47.09	79.44
RAB3B	11.07	27.80	0.40	chr1	1p32-p31	58	1959	87.15	188.40
NMRK1	41.53	104.32	0.40	chr9	9q21.13	29	837	54.58	99.87
Hs.594657	5.62	14.13	0.40	chr17	N/A	7	73	57.80	88.53
HSFY1	9.45	23.75	0.40	chrY	Yq11.222	23	710	53.43	929.63
CHN1	75.29	189.16	0.40	chr2	2q31.1	49	738	68.70	244.48
KIF13B	38.88	97.69	0.40	chr8	8p12	57	707	79.37	65.64
SLC51B	6.51	16.35	0.40	chr15	15q22.31	23	459	96.05	137.44
Hs.599991	17.79	44.70	0.40	chr1	N/A	7	73	75.88	60.37
Hs.22469	5.33	13.38	0.40	chr10	N/A	10	73	52.92	96.39
Hs.707754	5.04	12.68	0.40	chr6	N/A	10	28	31.59	83.55
TMEM176B	89.78	225.66	0.40	chr7	7q36.1	30	584	109.76	167.47
Hs.304781	5.24	13.18	0.40	chr2	N/A	12	636	34.30	96.16
ACER2	7.46	18.77	0.40	chr9	9p22.1	13	73	52.87	85.69
PRKCSH	101.35	254.81	0.40	chr19	19p13.2	31	924	135.12	77.02
Hs.651185	4.10	10.30	0.40	chr8	N/A	1	304	0.00	204.77
Hs.596575	7.83	19.70	0.40	chr11	N/A	7	73	92.61	131.03
Hs.702467	5.17	13.01	0.40	chr10	N/A	1	304	0.00	51.78
Hs.667090	8.79	22.12	0.40	chr2	N/A	7	73	54.03	81.16
LOC100996286	8.64	21.73	0.40	chr4	N/A	1	304	0.00	61.68
PSD	11.76	29.58	0.40	chr10	10q24	30	567	94.58	141.41
LOC100505540	9.17	23.06	0.40	chr10	N/A	30	433	82.32	104.07
Hs.669675	7.13	17.93	0.40	chr15	N/A	1	304	0.00	49.57
Hs.666477	13.29	33.43	0.40	chr7	N/A	2	16	94.32	68.67
PIK3R6	10.63	26.75	0.40	chr17	17p13.1	20	332	51.14	44.13
Hs.555225	10.16	25.56	0.40	chr6	N/A	4	304	107.19	34.40
SYNE3	10.15	25.53	0.40	chr14	14q32.13	22	388	106.67	60.80
PPFIBP2	21.53	54.16	0.40	chr11	11p15.4	59	1166	95.05	107.84
Hs.544908	3.88	9.75	0.40	chr7	N/A	7	73	29.91	87.70
GP2	43.08	108.40	0.40	chr16	16p12	38	1393	148.04	546.11
C17orf100	9.42	23.70	0.40	chr17	17p13.1	18	405	139.64	53.82
AKNA	27.12	68.25	0.40	chr9	9q32	39	853	168.60	221.16
Hs.597429	203.60	512.54	0.40	chr18	N/A	7	73	126.47	107.64
Hs.579245	24.04	60.53	0.40	chr17	N/A	7	73	83.31	61.96
LOC100505555	6.56	16.52	0.40	chr19	N/A	9	681	42.04	178.09
Hs.156398	3.00	7.56	0.40	chr8	N/A	1	304	0.00	74.26
Hs.613479	13.45	33.87	0.40	chr6	N/A	1	304	0.00	152.54
Hs.471011	21.21	53.41	0.40	chr2	N/A	21	405	92.80	68.20
NELFCD	95.48	240.41	0.40	chr20	20q13	36	1451	64.32	118.82
Hs.664159	10.10	25.42	0.40	chr8	N/A	7	73	53.77	71.78
EPHA8	12.11	30.50	0.40	chr1	1p36.12	31	664	151.07	68.94

Hs.569375	23.20	58.42	0.40	chr14	N/A	7	73	84.74	60.13
Hs.171092	3.85	9.69	0.40	chr1	N/A	1	304	0.00	104.44
B3GALT5	6.99	17.60	0.40	chr21	21q22.3	39	520	58.93	66.04
Hs.369970	11.57	29.13	0.40	chr1	N/A	2	22	11.07	245.92
NOL10	24.39	61.44	0.40	chr2	2p25.1	49	893	155.83	99.87
Hs.663182	25.36	63.89	0.40	chr9	N/A	2	608	24.16	64.60
MYCBP2	115.25	290.35	0.40	chr13	13q22	60	1470	310.82	84.57
MYO10	20.58	51.84	0.40	chr5	5p15.1-p14.3	103	2415	125.36	305.88
PRKAG2-AS1	11.42	28.78	0.40	chr7	N/A	20	1025	101.30	63.89
ZFP30	14.11	35.56	0.40	chr19	19q13.12	38	550	165.98	68.71
Hs.732159	9.65	24.33	0.40	chr1	N/A	7	73	48.47	112.45
GBP3	46.66	117.58	0.40	chr1	1p22.2	33	441	77.21	76.74
Hs.732527	12.92	32.56	0.40	chr6	N/A	7	73	71.16	74.89
Hs.666905	7.61	19.18	0.40	chr16	N/A	18	516	54.11	91.80
Hs.658635	47.56	119.87	0.40	chr12	N/A	1	304	0.00	42.77
LDLRAD3	22.07	55.64	0.40	chr11	11p13	25	155	105.48	93.72
Hs.708628	46.26	116.63	0.40	chr12	N/A	5	425	112.47	133.56
Hs.563852	8.23	20.76	0.40	chr1	N/A	3	66	66.81	82.80
CAPSL	12.12	30.56	0.40	chr5	5p13.2	32	461	78.37	210.50
ZNF189	34.28	86.44	0.40	chr9	9q22-q31	48	656	82.89	69.66
Hs.731502	52.83	133.21	0.40	chr19	N/A	19	197	197.07	479.19
Hs.667787	9.40	23.70	0.40	chr14	N/A	14	146	77.22	280.12
LOC100506226	6.24	15.74	0.40	chr12	N/A	8	377	53.00	95.40
Hs.422318	8.32	20.98	0.40	chr19	N/A	11	332	47.80	84.41
Hs.655435	6.95	17.53	0.40	chr2	N/A	7	73	36.93	75.74
UGT2B11	24.91	62.82	0.40	chr4	4q13.2	18	72	53.41	170.65
Hs.716018	3.21	8.09	0.40	chr10	N/A	1	304	0.00	81.28
OTUD7B	18.11	45.69	0.40	chr1	1q21.2	46	1843	133.06	77.92
Hs.736004	4.99	12.59	0.40	chr15	N/A	1	304	0.00	82.12
Hs.599446	4.00	10.10	0.40	chr6	N/A	10	28	32.41	53.94
LMBR1L	44.01	111.03	0.40	chr12	12q13.12	21	460	27.32	44.54
Hs.634224	31.80	80.23	0.40	chr18	N/A	4	370	82.37	39.83
Hs.558531	9.51	24.00	0.40	chr5	N/A	15	450	46.94	80.51
TAPT1-AS1	19.90	50.21	0.40	chr4	4p15.32	27	368	87.91	70.27
SYCE2	8.13	20.52	0.40	chr19	19p13.2	21	409	47.97	182.73
ANKRD13B	20.46	51.63	0.40	chr17	17q11.2	17	332	152.37	44.30
Hs.732900	88.77	224.09	0.40	chr12	N/A	10	471	105.09	56.93
LG12	19.05	48.10	0.40	chr4	4p15.2	37	647	85.34	257.58
ATG16L2	32.55	82.20	0.40	chr11	11q13.4	40	999	87.11	116.39
FAM156A	142.78	360.55	0.40	chrX	Xp11.22	22	396	94.31	71.17
RNPC3	43.40	109.59	0.40	chr1	1p21	32	968	57.74	65.66
MROH2A	4.95	12.50	0.40	chr2	2q37.1	12	637	35.80	174.57
DAP	74.73	188.77	0.40	chr5	5p15.2	43	617	75.59	79.41
Hs.736236	3.10	7.84	0.40	chr12	N/A	1	304	0.00	71.72
IGSF11-AS1	4.77	12.06	0.40	chr3	3q13.32	18	405	89.24	419.49
Hs.659609	8.75	22.10	0.40	chr7	N/A	7	73	48.67	58.26
Hs.666518	6.46	16.33	0.40	chr6	N/A	10	393	33.26	149.53
Hs.713860	8.49	21.45	0.40	chr15	N/A	17	123	38.62	74.39
EGFL6	20.21	51.07	0.40	chrX	Xp22	31	531	128.97	206.91
Hs.199776	6.62	16.73	0.40	chr2	N/A	2	22	33.12	122.01
Hs.733336	45.91	116.06	0.40	chr15	N/A	7	73	59.28	80.90
Hs.697530	7.97	20.15	0.40	chr22	N/A	1	304	0.00	56.93
Hs.663794	12.17	30.76	0.40	chr10	N/A	4	304	28.91	67.90
Hs.128619	2.67	6.76	0.40	chr9	N/A	1	304	0.00	85.52
BALAP2L1	15.31	38.70	0.40	chr7	7q22.1	38	1502	103.82	97.39
Hs.666101	95.67	241.93	0.40	chr8	N/A	7	73	84.22	98.96
FEZ1	85.52	216.29	0.40	chr11	11q24.2	67	1085	97.02	291.20
Hs.452702	7.65	19.35	0.40	chr3	N/A	22	709	43.45	111.67
Hs.602228	12.65	31.99	0.40	chr15	N/A	7	73	51.48	76.94
Hs.603687	22.55	57.05	0.40	chr6	N/A	2	22	109.83	195.03
KCTD18	24.25	61.34	0.40	chr2	2q33.1	34	465	96.07	55.73
Hs.445343	8.30	21.00	0.40	chr4	N/A	11	377	54.48	92.42
OR6F1	31.54	79.81	0.40	chr1	1q44	8	52	121.36	59.11
Hs.542166	11.29	28.58	0.40	chr2	N/A	10	73	98.39	540.90
Hs.735318	23.61	59.76	0.40	chr22	N/A	1	304	0.00	41.03
SLC7A11	15.38	38.92	0.40	chr4	4q28-q32	66	1540	154.59	174.37
LOC91450	9.97	25.22	0.40	chr15	15q24.3	8	377	55.09	50.30
Hs.669084	9.08	22.99	0.39	chr10	N/A	2	608	94.97	90.40
Hs.596272	12.74	32.26	0.39	chr1	N/A	18	405	94.63	619.44
Hs.570518	7.13	18.06	0.39	chr3	N/A	7	73	20.91	87.93
Hs.437130	10.64	26.94	0.39	chr1	N/A	6	326	55.36	47.42
Hs.664373	9.30	23.54	0.39	chr12	N/A	7	73	52.35	79.09
PTPRS	28.07	71.10	0.39	chr19	19p13.3	64	1729	170.33	162.43
ARF3	79.35	200.99	0.39	chr12	12q13	62	1485	107.07	84.27
C6orf226	23.44	59.37	0.39	chr6	6p21.1	11	344	44.28	40.11
Hs.667981	4.46	11.29	0.39	chr20	N/A	2	22	52.02	70.92
HPS5	26.55	67.25	0.39	chr11	11p14	36	577	100.73	71.99
PLAT	61.55	155.91	0.39	chr8	8p12	56	735	69.13	110.63
Hs.667309	8.75	22.17	0.39	chr10	N/A	18	405	76.12	52.41
MBLAC1	19.96	50.56	0.39	chr7	7q22.1	16	397	77.55	56.74
MUC20	21.35	54.10	0.39	chr3	3q29	32	980	71.86	92.63
CD3E	37.94	96.13	0.39	chr11	11q23	40	598	63.26	368.65
KLRF1	7.05	17.85	0.39	chr12	12p13.31	24	456	68.66	209.24
C1R	244.42	619.37	0.39	chr12	12p13	46	650	161.08	128.51
CCDC105	14.44	36.61	0.39	chr19	19p13.12	19	386	152.73	90.96
Hs.664785	25.75	65.25	0.39	chr9	N/A	7	73	61.86	64.52
NUP210L	12.96	32.86	0.39	chr1	1q21.3	31	514	119.09	205.19
Hs.228474	5.62	14.24	0.39	chr21	N/A	1	304	0.00	48.01
Hs.662352	6.22	15.76	0.39	chr9	N/A	7	73	50.51	86.68
Hs.514222	10.12	25.66	0.39	chr17	N/A	13	432	110.26	72.03
SLC13A3	15.53	39.36	0.39	chr20	20q13.12	57	1761	112.07	235.80
Hs.605798	15.28	38.74	0.39	chr17	N/A	1	304	0.00	38.29
Hs.732752	8.97	22.74	0.39	chr11	N/A	7	73	41.17	60.77

CPLX1	23.31	59.10	0.39	chr4	4p16.3	29	418	109.56	165.64
Hs.635103	6.39	16.20	0.39	chr11	N/A	2	22	52.14	113.89
ANGPTL7	17.23	43.70	0.39	chr1	1p36	30	565	63.42	369.86
Hs.733960	10.11	25.64	0.39	chr22	N/A	7	73	68.95	115.37
DCAF12	63.85	161.91	0.39	chr9	9p13.3	33	542	90.20	158.01
Hs.257168	10.79	27.37	0.39	chr7	N/A	11	332	45.65	78.46
Hs.185118	7.90	20.03	0.39	chr1	N/A	7	73	41.57	410.56
CPSF7	92.56	234.76	0.39	chr11	11q12.2	56	839	178.20	142.00
OR8B4	29.71	75.37	0.39	chr11	11q24.2	8	52	154.35	39.35
Hs.670471	3.52	8.92	0.39	chr10	N/A	1	304	0.00	54.69
Hs.666533	6.66	16.91	0.39	chr2	N/A	14	146	85.31	73.77
Hs.571256	13.88	35.22	0.39	chr7	N/A	8	377	116.89	59.90
Hs.606251	4.53	11.51	0.39	chr13	N/A	11	332	45.73	110.18
EDEM1	50.66	128.55	0.39	chr3	3p26.1	40	600	103.27	202.14
Hs.732303	12.55	31.85	0.39	chr9	N/A	20	501	75.39	96.13
AHCYL2	32.44	82.34	0.39	chr7	7q32.1	47	1041	74.18	115.57
Hs.601138	14.04	35.62	0.39	chr1	N/A	7	73	125.20	65.94
LRRC6	14.17	35.96	0.39	chr8	8q24.22	29	593	227.74	99.83
DDX11L5	17.88	45.39	0.39	chr9	9p24.3	8	12	21.37	26.20
KCNB2	10.46	26.55	0.39	chr8	8q13.2	35	989	108.37	99.15
ATMIN	39.31	99.78	0.39	chr16	16q23.2	65	1121	90.96	68.66
ARHGEF1	51.59	130.99	0.39	chr19	19q13.13	51	962	124.42	84.43
TULP2	12.10	30.71	0.39	chr19	19q13.1	28	543	70.78	143.34
RSBN1L	28.80	73.13	0.39	chr7	7q11.23	34	845	90.03	54.57
Hs.633622	39.93	101.38	0.39	chr8	N/A	8	377	60.28	540.98
Hs.657805	12.43	31.55	0.39	chr4	N/A	1	304	0.00	76.83
MGC2889	6.15	15.62	0.39	chr3	3q29	15	448	78.42	83.58
LINC00642	12.49	31.71	0.39	chr14	14q32.12	10	992	96.77	131.49
Hs.212709	8.39	21.31	0.39	chr7	N/A	1	304	0.00	70.84
ACTR3C	10.44	26.52	0.39	chr7	7q36.1	11	344	68.09	70.42
Hs.585433	14.42	36.63	0.39	chr1	N/A	12	510	77.30	77.03
PARP1	9.53	24.21	0.39	chr12	12p13.3	57	1265	107.06	79.12
Hs.570185	3.38	8.58	0.39	chr2	N/A	2	22	94.85	60.68
Hs.664086	9.80	24.89	0.39	chr9	N/A	14	146	57.86	79.72
ARHGEF25	34.24	86.99	0.39	chr12	12q13.3	49	558	258.29	122.57
Hs.669051	21.54	54.74	0.39	chr8	N/A	1	304	0.00	58.51
KDM3A	56.36	143.19	0.39	chr2	2p11.2	64	774	91.66	90.54
ASPM	7.25	18.43	0.39	chr1	1q31	35	1143	83.13	154.99
Hs.411848	6.30	16.01	0.39	chr8	N/A	8	377	49.34	64.61
Hs.655908	3.83	9.72	0.39	chr13	N/A	12	67	36.36	149.53
MGC45800	8.59	21.82	0.39	chr4	4q34.3	34	705	96.81	62.08
FLJ44342	26.38	67.02	0.39	chr17	17q22	16	754	76.46	89.18
TMEM167A	68.28	173.50	0.39	chr5	5q14.2	35	761	120.27	49.65
LINC00326	6.18	15.72	0.39	chr6	6q23.2	1	304	0.00	82.08
LOC100505840	5.97	15.17	0.39	chr1	N/A	1	304	0.00	65.32
Hs.658294	9.25	23.50	0.39	chr6	N/A	8	377	39.76	96.96
Hs.369401	7.37	18.73	0.39	chr6	N/A	5	22	41.51	87.77
Hs.660456	19.27	48.98	0.39	chr16	N/A	1	304	0.00	92.66
Hs.674525	18.27	46.43	0.39	chr3	N/A	1	304	0.00	54.04
Hs.659615	13.76	34.98	0.39	chr19	N/A	7	73	62.86	61.67
PSD4	17.11	43.49	0.39	chr2	2q13	56	1216	102.88	112.00
Hs.130312	57.15	145.30	0.39	chr2	N/A	7	73	102.60	405.48
LINC00539	11.35	28.86	0.39	chr13	N/A	9	95	53.25	108.10
LDB1	32.42	82.43	0.39	chr10	10q24-q25	35	994	45.45	60.49
KYNU	13.94	35.43	0.39	chr2	2q22.2	115	2723	90.88	142.02
Hs.604715	19.72	50.14	0.39	chr20	N/A	10	28	47.47	36.77
LGALS2	20.43	51.95	0.39	chr22	22q13.1	28	547	112.66	407.90
Hs.123352	20.08	51.06	0.39	chr18	N/A	1	304	0.00	65.14
FAM170B-AS1	6.45	16.41	0.39	chr10	N/A	12	1017	70.39	89.09
TMEM216	50.97	129.63	0.39	chr11	11q13.1	24	413	75.14	62.61
Hs.668464	13.57	34.51	0.39	chr16	N/A	3	320	58.11	68.78
CLDN16	7.41	18.85	0.39	chr3	3q28	27	453	54.94	76.15
LRRC16A	18.51	47.09	0.39	chr6	6p22.2	61	1641	145.02	105.35
Hs.145520	9.48	24.12	0.39	chr1	N/A	12	681	67.76	67.80
Hs.675312	6.80	17.29	0.39	chr8	N/A	2	608	22.56	71.69
Hs.490042	8.97	22.83	0.39	chr7	N/A	10	73	62.54	116.08
Hs.613658	7.13	18.14	0.39	chr19	N/A	1	304	0.00	64.23
Hs.465316	13.76	35.01	0.39	chr18	N/A	18	405	92.57	80.75
Hs.636656	17.72	45.10	0.39	chr8	N/A	4	304	130.85	34.63
SALL4	9.04	23.00	0.39	chr20	20q13.2	18	636	92.45	72.49
Hs.93235	9.34	23.78	0.39	chr6	N/A	8	377	46.43	51.73
TBPL1	42.01	106.95	0.39	chr6	6q22.1-q22.3	30	577	110.93	149.78
Hs.667242	7.22	18.38	0.39	chr9	N/A	3	66	56.64	122.06
Hs.664722	3.22	8.20	0.39	chr12	N/A	1	304	0.00	70.30
CD8A	48.49	123.48	0.39	chr2	2p12	46	647	124.88	229.15
SIGLECL1	7.76	19.76	0.39	chr19	19q13.41	17	335	77.43	154.49
MT1L	247.23	629.69	0.39	chr16	16q13	28	136	109.17	141.53
ARX	21.98	55.98	0.39	chrX	Xp21.3	32	770	90.31	545.15
Hs.635176	4.85	12.35	0.39	chr7	N/A	2	22	2.89	91.78
Hs.655421	21.09	53.74	0.39	chr2	N/A	1	304	0.00	66.14
Hs.666230	5.11	13.03	0.39	chr9	N/A	11	443	21.20	63.50
RAB37	16.91	43.08	0.39	chr17	17q25.1	51	530	76.73	186.28
GATAD1	32.89	83.79	0.39	chr7	7q21-q22	74	2002	89.05	77.38
Hs.658795	10.29	26.21	0.39	chr15	N/A	15	448	79.50	54.63
Hs.732537	9.59	24.44	0.39	chr7	N/A	7	73	80.80	80.00
WDR47	35.91	91.53	0.39	chr1	1p13.3	33	572	95.43	86.43
LOC646736	7.23	18.43	0.39	chr2	2q36.3	1	304	0.00	132.78
TTC40	7.04	17.96	0.39	chr10	10q26.3	44	1085	81.30	123.80
Hs.664598	11.69	29.79	0.39	chr4	N/A	7	73	72.05	547.56
Hs.721297	4.57	11.64	0.39	chr5	N/A	2	22	48.74	66.34
PAK1	24.28	61.91	0.39	chr11	11q13-q14	40	1579	104.07	116.26
BZW1	93.31	237.92	0.39	chr2	2q33	71	640	240.45	70.14
Hs.130392	8.72	22.23	0.39	chr5	N/A	5	51	51.88	75.37

AGXT2	18.21	46.44	0.39	chr5	5p13	52	687	258.09	193.23
RECQL4	15.97	40.72	0.39	chr8	8q24.3	31	876	108.98	92.66
TBC1D25	31.11	79.34	0.39	chrX	Xp11.23	37	803	94.58	71.25
Hs.633609	22.38	57.08	0.39	chr11	N/A	7	73	38.92	65.77
SHC4	17.68	45.09	0.39	chr15	15q21.1-q21.2	35	489	92.38	214.68
NRBP1	50.04	127.63	0.39	chr2	2p23	48	757	59.64	175.28
Hs.553920	8.28	21.12	0.39	chr19	N/A	1	304	0.00	127.08
NLGN3	12.09	30.83	0.39	chrX	Xq13.1	26	837	116.77	103.82
GTF2A1	27.93	71.26	0.39	chr14	14q31.1	64	1054	177.90	103.12
Hs.708610	39.86	101.69	0.39	chr7	N/A	5	420	51.26	60.09
Hs.668234	7.83	19.97	0.39	chr1	N/A	7	73	91.49	73.41
Hs.706997	160.82	410.28	0.39	chr12	N/A	7	73	56.57	173.89
Hs.530753	17.94	45.78	0.39	chr11	N/A	14	146	77.29	80.63
Hs.729106	5.45	13.90	0.39	chr14	N/A	7	73	54.85	78.01
Hs.676195	5.35	13.64	0.39	chr16	N/A	1	304	0.00	47.96
ZBTB7B	32.06	81.81	0.39	chr1	1q21.3	41	898	122.50	154.74
Hs.644466	28.06	71.63	0.39	chr7	N/A	12	510	61.13	60.10
Hs.657767	31.49	80.38	0.39	chr5	N/A	1	304	0.00	55.59
SLC39A9	22.29	56.89	0.39	chr14	14q24.1	39	1679	112.45	138.86
MROH6	45.34	115.76	0.39	chr8	8q24.3	28	445	59.83	79.14
APBA2	20.18	51.52	0.39	chr15	15q11-q12	52	1098	92.20	127.71
Hs.134962	7.18	18.35	0.39	chr11	N/A	7	370	65.18	51.72
ZCCHC8	28.73	73.37	0.39	chr12	12q24.31	41	961	81.31	103.63
CYP1A2	50.42	128.76	0.39	chr15	15q24.1	38	944	136.48	387.31
Hs.701439	53.07	135.55	0.39	chr12	N/A	1	304	0.00	57.85
Hs.604687	13.97	35.67	0.39	chr5	N/A	7	73	138.00	78.38
SORCS2	12.58	32.12	0.39	chr4	4p16.1	26	468	52.87	66.30
Hs.640173	12.89	32.94	0.39	chr9	N/A	10	28	31.60	44.81
SEMA4C	80.21	204.93	0.39	chr2	2q11.2	43	976	112.18	124.86
ARHGEF26-AS1	8.97	22.92	0.39	chr3	3q25	18	412	192.94	114.22
ZNF638-IT1	22.29	56.95	0.39	chr2	2p13.1	7	73	41.17	47.54
Hs.191462	6.61	16.89	0.39	chr10	N/A	3	66	39.82	81.53
DUSP10	21.06	53.81	0.39	chr1	1q41	59	1076	92.42	79.28
CECR3	10.54	26.94	0.39	chr22	N/A	4	304	74.59	40.64
Hs.554346	9.27	23.69	0.39	chr9	N/A	13	399	52.32	49.17
KIAA1143	39.61	101.25	0.39	chr3	3p21.31	57	902	74.94	72.22
PRX	28.19	72.05	0.39	chr19	19q13.2	42	908	100.63	385.94
RPL23A	1,755.15	4,486.14	0.39	chr17	17q11.2	101	2236	133.09	59.86
Hs.471461	65.79	168.19	0.39	chr2	N/A	7	459	115.64	73.85
Hs.674772	15.04	38.44	0.39	chr19	N/A	1	304	0.00	42.29
PARP12	39.10	99.98	0.39	chr7	7q34	35	603	87.18	69.32
Hs.669803	57.60	147.31	0.39	chr16	N/A	2	608	128.77	212.17
GIPC3	12.20	31.19	0.39	chr19	19p13.3	32	768	78.46	105.20
C2orf72	20.47	52.35	0.39	chr2	2q37.1	39	1321	77.98	99.09
CHMP4C	30.37	77.67	0.39	chr8	8q21.13	33	538	121.11	143.03
Hs.718849	26.15	66.88	0.39	chr12	N/A	1	304	0.00	76.59
RHOBTB1	24.22	61.94	0.39	chr10	10q21.2	39	564	161.53	147.33
HIST1H2BG	18.08	46.25	0.39	chr6	6p21.3	26	879	79.43	133.65
SPTSSB	5.81	14.88	0.39	chr3	3q26.1	20	337	45.19	96.51
Hs.127380	14.28	36.55	0.39	chr10	N/A	6	326	80.32	42.45
Hs.592734	18.85	48.23	0.39	chr18	N/A	18	405	73.46	999.14
TET1	10.09	25.81	0.39	chr10	10q21	35	415	55.28	70.64
Hs.502145	7.15	18.31	0.39	chr11	N/A	1	304	0.00	80.93
C1QTNF7	12.31	31.50	0.39	chr4	4p15.3	51	939	69.30	103.45
PAGE1	7.50	19.18	0.39	chrX	Xp11.23	30	565	72.23	77.28
Hs.149759	4.39	11.24	0.39	chr12	N/A	2	22	36.81	75.29
SCP2D1	10.27	26.29	0.39	chr20	20p11.23	26	457	122.26	195.15
Hs.658545	13.26	33.95	0.39	chr7	N/A	7	73	102.14	80.91
Hs.661845	7.65	19.58	0.39	chr3	N/A	7	73	68.27	79.46
Hs.46551	8.72	22.33	0.39	chr4	N/A	7	73	47.85	62.35
DDX58	24.44	62.57	0.39	chr9	9p12	46	1344	90.76	87.68
CASC1	6.73	17.23	0.39	chr12	12p12.1	23	471	75.62	182.21
Hs.670445	7.66	19.62	0.39	chr18	N/A	3	320	14.84	46.77
Hs.675495	3.06	7.83	0.39	chr3	N/A	1	304	0.00	76.44
MYF6	20.43	52.30	0.39	chr12	12q21	33	568	60.31	293.82
KLHL42	24.81	63.53	0.39	chr12	12p11.22	71	991	105.88	79.26
WDFY1	44.31	113.45	0.39	chr2	2q36.1	46	1031	117.29	97.48
Hs.658345	12.09	30.95	0.39	chr14	N/A	5	674	51.84	77.78
XKR4	14.95	38.29	0.39	chr8	8q12.1	23	410	87.18	121.64
TXNL4B	29.47	75.49	0.39	chr16	16q22.2	49	893	98.16	60.19
Hs.90695	3.94	10.08	0.39	chr20	N/A	1	304	0.00	50.16
OSR1	47.23	120.99	0.39	chr2	2p24.1	19	388	141.23	661.98
TMTC3	24.71	63.29	0.39	chr12	12q21.32	60	1252	132.90	94.85
ABHD17B	25.11	64.33	0.39	chr9	9q21.13	60	1357	88.93	107.45
OR1L6	7.55	19.34	0.39	chr9	9q33.2	8	52	39.61	65.75
DMRT3	7.62	19.53	0.39	chr9	9p24.3	60	659	94.26	115.91
Hs.129235	13.65	34.97	0.39	chr6	N/A	10	73	107.71	498.10
Hs.146839	3.65	9.35	0.39	chr1	N/A	3	66	22.53	88.59
Hs.609493	13.70	35.10	0.39	chr12	N/A	4	304	68.09	34.57
Hs.391327	34.06	87.29	0.39	chr1	N/A	10	73	80.15	93.26
Hs.659849	6.38	16.35	0.39	chr5	N/A	2	22	40.92	56.40
SLC9B1	6.50	16.66	0.39	chr4	4q24	61	1121	91.95	261.70
DCLK3	7.82	20.04	0.39	chr3	3p22.2	18	448	64.56	175.71
OR5AU1	31.99	82.03	0.39	chr14	14q11.2	10	104	54.22	88.31
Hs.147557	6.84	17.54	0.39	chr11	N/A	2	22	51.63	117.89
TRIM44	79.47	203.77	0.39	chr11	11p13	54	737	139.16	76.63
TSC22D3	98.54	252.68	0.39	chrX	Xq22.3	55	1386	141.46	149.60
Hs.131643	8.26	21.17	0.39	chr14	N/A	5	22	43.76	89.74
ANO9	21.34	54.73	0.39	chr11	11p15.5	26	344	151.15	103.01
Hs.659608	180.18	462.10	0.39	chr5	N/A	7	73	101.50	89.71
Hs.656727	5.64	14.47	0.39	chr10	N/A	7	73	20.42	70.48
Hs.664554	12.41	31.82	0.39	chr3	N/A	7	73	57.86	65.40
Hs.656946	97.92	251.14	0.39	chr2	N/A	1	304	0.00	125.73

Hs.131098	6.87	17.63	0.39	chr7	N/A	8	377	27.25	167.27
KIAA1147	50.25	128.90	0.39	chr7	7q34	35	782	105.09	54.23
MED26	28.02	71.87	0.39	chr19	19p13.11	53	1143	95.26	156.76
PM20D1	19.83	50.86	0.39	chr1	1q32.1	30	405	125.24	284.80
E2F2	13.79	35.39	0.39	chr1	1p36	38	1194	88.46	167.99
Hs.634228	6.21	15.94	0.39	chr2	N/A	7	73	34.89	72.99
Hs.656398	10.23	26.25	0.39	chr2	N/A	7	73	46.72	94.41
Hs.339290	5.26	13.49	0.39	chr22	N/A	4	304	78.90	51.21
Hs.731885	45.36	116.44	0.39	chr12	N/A	10	471	49.53	63.55
FGA	63.46	162.91	0.39	chr4	4q28	80	1404	277.48	444.40
C8G	11.36	29.16	0.39	chr9	9q34.3	23	496	67.15	364.73
UNC13A	11.01	28.28	0.39	chr19	19p13.11	47	896	110.13	127.71
LOC283701	10.27	26.36	0.39	chr15	15q13.1	10	28	25.77	51.82
Hs.662618	11.06	28.39	0.39	chr4	N/A	17	101	56.65	104.63
Hs.660031	11.21	28.78	0.39	chr12	N/A	7	73	39.01	119.98
Hs.655362	15.60	40.07	0.39	chr9	N/A	17	101	71.58	84.75
SPTBN5	18.47	47.43	0.39	chr15	15q21	28	526	117.10	76.07
PLAGL1	40.76	104.68	0.39	chr6	6q24-q25	40	991	92.38	107.37
DUOX2	19.14	49.15	0.39	chr15	15q15.3	35	586	67.12	183.43
RBM11	10.47	26.90	0.39	chr21	21q11	26	490	91.78	116.11
WDR54	48.03	123.37	0.39	chr2	2p13.1	26	469	143.91	109.59
ZBED6	21.41	54.99	0.39	chr1	1q32.1	10	985	67.23	98.10
PMFBP1	9.01	23.14	0.39	chr16	16q22.2	22	474	38.36	93.99
Hs.657748	12.90	33.13	0.39	chr1	N/A	8	377	65.94	44.63
USP11	130.66	335.69	0.39	chrX	Xp11.23	38	583	110.36	94.95
Hs.268887	5.55	14.25	0.39	chr7	N/A	9	112	60.10	101.32
Hs.648873	20.63	53.00	0.39	chr7	N/A	8	377	77.77	74.55
SLITRK3	8.61	22.14	0.39	chr3	3q26.1	30	565	91.20	95.35
GOLGA2	59.10	151.92	0.39	chr9	9q34.11	68	1951	94.62	104.74
KCNC1	10.98	28.24	0.39	chr11	11p15	57	928	98.51	188.12
MAS1	11.41	29.34	0.39	chr6	6q25.3-q26	23	492	135.10	80.43
NIM1	13.47	34.63	0.39	chr5	5p12	19	392	94.48	71.33
SPERT	8.55	21.99	0.39	chr13	13q14.13	18	636	121.22	189.31
MCOLN3	14.43	37.11	0.39	chr1	1p22.3	51	1534	118.90	171.88
Hs.600941	10.15	26.11	0.39	chr15	N/A	7	73	47.90	73.93
Hs.658078	6.80	17.49	0.39	chr5	N/A	7	73	33.17	295.27
PLEKHG6	21.53	55.36	0.39	chr12	12p13.31	28	533	88.48	98.88
JAKMIP1	12.93	33.26	0.39	chr4	4p16.1	39	557	130.89	147.18
RAB5C	46.03	118.37	0.39	chr17	17q21.2	48	1025	76.12	84.72
FAM84B	23.68	60.89	0.39	chr8	8q24.21	62	1279	143.29	168.21
Hs.487883	18.54	47.70	0.39	chr12	N/A	8	377	102.96	46.97
Hs.596423	4.62	11.90	0.39	chr19	N/A	10	28	77.19	47.04
CDCA8	17.60	45.28	0.39	chr1	1p34.3	28	523	73.95	187.13
OR10A7	40.10	103.17	0.39	chr12	12q13.2	5	52	118.75	50.39
HHIPL2	13.61	35.03	0.39	chr1	1q41	31	477	96.99	67.00
Hs.599887	59.15	152.23	0.39	chr9	N/A	7	73	83.44	182.48
MED11	41.91	107.88	0.39	chr17	17p13.2	31	490	82.42	72.32
Hs.648558	8.11	20.87	0.39	chr4	N/A	7	73	44.05	84.03
Hs.648756	15.08	38.82	0.39	chr17	N/A	16	752	51.21	82.84
NPAT	16.44	42.33	0.39	chr11	11q22-q23	50	1440	105.13	83.42
OS9	153.43	395.11	0.39	chr12	12q13	45	1037	90.69	72.16
KRTAP13-2	8.66	22.30	0.39	chr21	21q22.1	27	205	69.75	91.27
DNAH8	13.58	34.99	0.39	chr6	6p21.2	51	478	283.20	231.13
Hs.659082	8.18	21.06	0.39	chr16	N/A	7	73	47.05	104.91
CPZ	24.66	63.51	0.39	chr4	4p16.1	36	562	174.92	162.17
LOC100507637	11.26	29.02	0.39	chr22	N/A	12	636	38.60	50.26
SLC5A7	6.12	15.77	0.39	chr2	2q12	22	758	75.16	94.04
SMYD4	25.33	65.26	0.39	chr17	17p13.3	56	541	136.33	60.88
Hs.601113	7.62	19.64	0.39	chr16	N/A	7	73	61.47	175.56
SOX4	37.32	96.17	0.39	chr6	6p22.3	71	2617	167.34	154.43
ALG6	35.14	90.55	0.39	chr1	1p31.3	28	541	67.19	47.44
ZNF331	52.72	135.85	0.39	chr19	19q13.42	59	1016	126.51	148.77
ADAMTSS5	30.48	78.54	0.39	chr21	21q21.3	45	1596	74.55	167.83
ATP6V0D2	23.89	61.58	0.39	chr8	N/A	52	1241	191.26	322.15
CAPN13	12.02	30.99	0.39	chr2	2p22-p21	51	1130	147.92	134.66
YEATS2	31.01	79.95	0.39	chr3	3q27.1	56	966	95.36	62.30
IL23A	32.51	83.83	0.39	chr12	12q13.3	116	2485	219.96	467.60
Hs.606288	3.57	9.22	0.39	chr14	N/A	1	304	0.00	56.93
LINC00598	7.03	18.13	0.39	chr13	13q14.11	23	970	88.54	66.35
Hs.642965	16.59	42.80	0.39	chr1	N/A	17	101	76.16	49.28
Hs.603074	8.79	22.66	0.39	chr12	N/A	2	22	10.20	106.04
IKBKB	25.95	66.91	0.39	chr8	8p11.2	70	1529	104.42	113.52
Hs.597558	6.37	16.43	0.39	chr7	N/A	7	73	69.24	258.53
SH2B2	77.02	198.65	0.39	chr7	7q22	30	566	135.78	78.89
NAPB	29.66	76.50	0.39	chr20	20p12.3-p11.2	30	827	107.75	159.56
RAC2	68.98	177.93	0.39	chr22	22q13.1	62	1143	162.58	218.47
LRRCSA	75.62	195.07	0.39	chr9	9q34.11	37	801	120.71	108.51
TNFSF18	9.84	25.37	0.39	chr1	1q23	21	453	101.00	68.54
Hs.119901	7.51	19.36	0.39	chr18	N/A	7	73	52.92	75.89
Hs.604372	5.45	14.06	0.39	chr15	N/A	7	73	55.48	71.26
CPA3	36.17	93.31	0.39	chr3	3q24	30	573	82.40	101.30
LOC100129603	5.63	14.53	0.39	chr7	7p22.2	1	304	0.00	52.77
HJURP	12.07	31.14	0.39	chr2	2q37.1	35	594	103.80	106.20
Hs.656378	7.03	18.15	0.39	chr5	N/A	7	73	74.09	87.65
CENPK	6.91	17.84	0.39	chr5	5q12.3	19	392	58.20	139.31
PAPPA2	15.48	39.95	0.39	chr1	1q23-q25	81	2019	152.73	99.21
FAM13C	18.43	47.58	0.39	chr10	10q21.1	63	1110	233.48	165.19
Hs.743739	13.49	34.83	0.39	chr16	N/A	5	420	82.55	48.73
Hs.666274	4.90	12.66	0.39	chr10	N/A	2	22	13.63	70.49
APCDD1L-AS1	15.35	39.64	0.39	chr20	20q13.32	6	923	117.83	198.57
LOC115110	15.89	41.02	0.39	chr1	1p36.32	16	964	132.70	81.74
Hs.603634	6.47	16.70	0.39	chr1	N/A	2	22	56.64	80.45
KCNIP1	11.34	29.29	0.39	chr5	5q35.1	27	457	159.56	66.75

PTCHD3	11.24	29.04	0.39	chr10	10p12.1	11	52	47.17	89.47
Hs.680066	2.78	7.19	0.39	chr15	N/A	1	304	0.00	84.75
LIMA1	67.09	173.32	0.39	chr12	12q13	30	1158	68.49	108.07
Hs.710384	30.43	78.62	0.39	chr14	N/A	7	73	52.98	63.60
Hs.602170	5.69	14.70	0.39	chr12	N/A	7	73	36.26	74.67
NTRK3	27.64	71.42	0.39	chr15	15q25	70	3314	84.38	109.41
SSPO	6.30	16.27	0.39	chr7	7q36.1	18	411	43.95	77.03
Hs.604122	7.16	18.50	0.39	chr7	N/A	2	22	15.27	81.04
ANP32A	63.89	165.08	0.39	chr15	15q23	59	1522	186.80	113.93
Hs.576446	6.42	16.58	0.39	chr1	N/A	7	370	41.82	101.17
ARHGAP9	51.95	134.25	0.39	chr12	12q13.3	31	1074	108.12	280.68
LLGL2	19.82	51.23	0.39	chr17	17q25.1	49	832	113.57	85.25
LOC100288860	11.49	29.69	0.39	chr19	19q13.11	11	332	120.85	62.73
Hs.478355	4.78	12.35	0.39	chr1	N/A	1	304	0.00	67.23
SULT1A1	107.26	277.24	0.39	chr16	16p12.1	46	1024	108.20	97.23
Hs.123362	12.31	31.82	0.39	chr9	N/A	4	304	102.51	51.58
Hs.604494	7.03	18.17	0.39	chr7	N/A	7	73	62.21	58.36
NEIL3	8.72	22.55	0.39	chr4	4q34.3	27	515	83.68	103.81
Hs.667678	9.70	25.08	0.39	chr2	N/A	2	22	84.78	66.32
C1orf146	7.52	19.45	0.39	chr1	1p22.1	11	22	58.10	72.91
LINC00032	7.56	19.55	0.39	chr9	9p21	17	1244	89.74	89.70
CLCNKB	14.47	37.40	0.39	chr1	1p36	25	1100	59.67	121.59
Hs.602560	8.80	22.76	0.39	chr6	N/A	32	551	86.11	64.72
Hs.667389	20.80	53.79	0.39	chr12	N/A	7	73	56.00	44.99
TMEM214	75.50	195.22	0.39	chr2	2p23.3	28	533	72.88	54.46
DUSP15	23.73	61.38	0.39	chr20	20q11.21	23	339	66.91	94.82
CLCN5	14.79	38.24	0.39	chrX	Xp11.23-p11.2	41	1862	85.01	153.03
NPFFR1	15.00	38.80	0.39	chr10	10q21-q22	19	453	95.66	62.16
Hs.278078	7.73	20.01	0.39	chrX	N/A	1	304	0.00	122.06
LOC728805	7.23	18.70	0.39	chr20	20q13.2	1	304	0.00	44.73
Hs.121116	6.29	16.27	0.39	chr11	N/A	5	51	34.70	145.02
TEX35	10.50	27.17	0.39	chr1	1q25.2	31	434	98.89	140.44
HIATL1	63.85	165.24	0.39	chr9	9q22.32	57	610	87.67	96.97
Hs.602672	7.42	19.20	0.39	chr13	N/A	7	95	41.10	130.65
Hs.130260	15.21	39.35	0.39	chrY	N/A	11	377	63.89	104.00
SLC7A14	9.87	25.54	0.39	chr3	3q26.2	50	822	79.75	124.04
SND1-IT1	19.94	51.60	0.39	chr7	7q31	47	661	112.64	85.56
USP33	51.39	133.03	0.39	chr1	1p31.1	63	1468	128.03	91.66
Hs.661491	32.30	83.60	0.39	chr3	N/A	1	304	0.00	70.60
Hs.118722	14.73	38.14	0.39	chr14	N/A	7	73	73.68	117.80
UBE2C	31.81	82.37	0.39	chr20	20q13.12	46	649	136.86	91.99
Hs.596720	9.98	25.84	0.39	chr10	N/A	3	66	92.34	59.75
Hs.444181	12.26	31.74	0.39	chr19	N/A	29	856	78.53	136.46
Hs.666958	47.32	122.53	0.39	chr2	N/A	7	73	24.00	44.24
Hs.736242	10.34	26.77	0.39	chr3	N/A	1	304	0.00	62.79
GJA8	10.69	27.69	0.39	chr1	1q21.1	23	495	77.29	99.42
IQCC	12.28	31.79	0.39	chr1	1p36.11-p34.2	21	453	110.40	81.01
LOC730098	17.34	44.92	0.39	chr9	9p13.3	8	377	92.96	92.10
ANKRD33B	16.30	42.23	0.39	chr5	5p15.2	26	487	80.89	84.87
TRIM65	14.95	38.72	0.39	chr17	17q25.1	37	819	96.21	108.35
Hs.597112	10.03	25.99	0.39	chr1	N/A	7	73	45.91	92.27
Hs.657815	4.97	12.88	0.39	chr2	N/A	1	304	0.00	60.93
Hs.668306	4.60	11.92	0.39	chr11	N/A	7	73	34.79	113.29
Hs.292754	12.63	32.73	0.39	chr2	N/A	7	73	100.35	75.12
KIAA1257	8.56	22.18	0.39	chr3	3q21.3	21	1005	99.04	100.07
RPL32	1,061.43	2,751.73	0.39	chr3	3p25-p24	55	690	101.81	62.71
FCRL5	13.60	35.25	0.39	chr1	1q21	43	1706	120.54	213.41
OR9A4	22.66	58.74	0.39	chr7	7q34	5	52	106.83	63.87
Hs.61481	11.68	30.29	0.39	chr8	N/A	17	101	60.04	70.70
ADAMTS14	10.71	27.77	0.39	chr10	10q21	52	513	80.92	73.12
Hs.713746	16.74	43.41	0.39	chr19	N/A	7	73	73.18	62.44
PCDHB10	8.31	21.54	0.39	chr5	5q31	20	341	52.11	89.47
FAM72D	7.44	19.29	0.39	chr1	1q21.1	13	28	58.92	70.54
Hs.667172	3.40	8.81	0.39	chr4	N/A	2	22	19.97	132.21
NKX6-3	18.27	47.37	0.39	chr8	8p11.21	21	640	65.49	79.08
SNED1	17.42	45.17	0.39	chr2	2q37.3	49	1313	100.93	94.58
SERPINB7	12.23	31.72	0.39	chr18	18q21.33	33	565	91.89	281.00
RSG1	13.56	35.16	0.39	chr1	1p36.13	28	524	86.63	46.10
Hs.149979	8.92	23.14	0.39	chr14	N/A	8	377	50.44	63.97
PTGER1	12.58	32.63	0.39	chr19	19p13.1	29	1223	43.67	147.88
CCDC87	10.97	28.45	0.39	chr11	11q13.2	21	454	117.64	98.68
GPR110	7.33	19.02	0.39	chr6	6p12.3	56	867	93.69	120.03
Hs.683934	10.34	26.83	0.39	chr8	N/A	4	304	51.12	42.86
Hs.597446	6.60	17.12	0.39	chr14	N/A	2	608	20.39	87.10
BCL2A1	27.93	72.49	0.39	chr15	15q24.3	45	656	85.04	257.79
Hs.660274	7.03	18.24	0.39	chr1	N/A	7	73	49.71	59.76
ZNF587	27.64	71.75	0.39	chr19	19q13.43	56	1538	75.86	103.64
LOC100506051	15.18	39.42	0.39	chr1	N/A	20	1025	82.90	54.33
Hs.665969	4.93	12.79	0.39	chr21	N/A	14	146	35.08	96.36
Hs.569523	10.62	27.56	0.39	chr15	N/A	3	66	33.13	70.77
GREM1	28.50	74.01	0.39	chr15	15q13.3	61	1252	165.57	223.88
ARHGAP30	25.09	65.14	0.39	chr1	1q23.3	53	1227	105.72	157.23
Hs.598937	28.70	74.53	0.39	chr17	N/A	7	73	64.87	59.71
Hs.667995	7.46	19.38	0.39	chrX	N/A	3	66	103.16	85.39
TAT	9.72	25.24	0.39	chr16	16q22.1	48	1268	94.15	259.07
ZC3H10	24.44	63.48	0.39	chr12	12q13.2	27	372	92.92	33.89
Hs.595314	39.19	101.77	0.39	chr15	N/A	21	360	110.62	83.16
TBX15	24.98	64.88	0.39	chr1	1p11.1	28	480	82.14	104.27
LOC100130987	35.61	92.48	0.39	chr11	11q13.2	2	609	8.15	64.99
Hs.468239	35.90	93.23	0.39	chr2	N/A	8	377	102.08	65.96
NUF2	11.06	28.73	0.39	chr1	1q23.3	39	538	121.34	268.72
Hs.657943	31.64	82.17	0.39	chr16	N/A	9	89	81.49	98.63
EIF3L	278.80	724.22	0.38	chr22	22q	69	949	145.19	119.13

ZGLP1	19.46	50.55	0.38	chr19	19p13.2	6	392	87.17	85.59
C1orf189	15.06	39.12	0.38	chr1	1q21.3	10	73	51.63	93.59
Hs.323783	21.50	55.88	0.38	chr1	N/A	2	22	19.12	103.08
CEP152	7.09	18.44	0.38	chr15	15q21.1	78	2047	58.49	97.89
Hs.191956	5.37	13.96	0.38	chr7	N/A	7	73	56.25	123.58
Hs.602795	31.85	82.77	0.38	chr14	N/A	7	73	78.48	190.75
Hs.595341	17.99	46.76	0.38	chr5	N/A	7	73	35.36	62.88
MEI1	19.46	50.57	0.38	chr22	22q13.2	39	1062	146.97	99.61
Hs.666874	12.67	32.95	0.38	chr1	N/A	2	22	40.08	72.63
Hs.46932	8.44	21.93	0.38	chr16	N/A	8	377	83.04	56.20
WNT8A	8.14	21.15	0.38	chr5	5q31	20	332	46.86	42.12
CCDC157	14.30	37.16	0.38	chr22	22q12.2	7	664	75.74	72.57
Hs.170044	6.49	16.87	0.38	chr3	N/A	10	73	49.55	166.00
Hs.502418	28.79	74.84	0.38	chr11	N/A	17	101	116.38	72.93
LOC284009	7.75	20.16	0.38	chr17	17p13.3	4	304	57.95	51.05
C10orf131	4.10	10.67	0.38	chr10	10q24.1	2	22	14.61	89.71
USP1	53.79	139.88	0.38	chr1	1p31.3	48	1070	218.39	100.39
Hs.663325	3.48	9.04	0.38	chr16	N/A	1	304	0.00	81.48
Hs.650602	6.83	17.77	0.38	chr8	N/A	2	16	2.58	34.14
ATP12A	17.24	44.83	0.38	chr13	13q12.1-q12.3	26	562	49.47	146.62
Hs.672081	10.13	26.37	0.38	chr5	N/A	1	304	0.00	42.52
NUDT10	16.55	43.06	0.38	chrX	Xp11.23	35	749	191.65	126.04
PDZD9	6.19	16.11	0.38	chr16	16p12.2	26	458	91.58	174.29
IDH1	76.42	198.90	0.38	chr10	10p15.3	47	1430	181.13	102.69
Hs.708510	338.25	880.36	0.38	chr4	N/A	4	304	148.88	66.12
Hs.291235	10.61	27.61	0.38	chr1	N/A	7	73	27.85	55.02
Hs.700734	69.84	181.79	0.38	chr22	N/A	10	28	34.20	43.03
TLE3	22.50	58.56	0.38	chr15	15q22	79	2047	86.86	76.95
UXS1	38.15	99.31	0.38	chr2	2q12.2	43	983	73.50	60.11
LINC00673	16.19	42.16	0.38	chr17	N/A	23	1088	95.57	97.28
Hs.662589	4.49	11.68	0.38	chr1	N/A	1	304	0.00	58.69
ICOS	6.30	16.39	0.38	chr2	2q33	30	565	55.09	222.76
C12orf50	10.92	28.43	0.38	chr12	12q21.32	27	405	106.73	730.86
Hs.634756	11.83	30.80	0.38	chr11	N/A	7	73	61.45	50.47
Hs.596152	12.64	32.91	0.38	chr6	N/A	7	73	43.01	55.77
Hs.587521	13.99	36.44	0.38	chrX	N/A	7	73	66.37	68.92
ZNF701	9.80	25.53	0.38	chr19	19q13.41	29	832	73.42	65.71
RPS3A	877.00	2,283.99	0.38	chr4	4q31.2-q31.3	97	1574	108.62	96.57
SLC25A18	17.76	46.25	0.38	chr22	22q11.2	24	416	95.23	163.39
ORTA5	7.94	20.68	0.38	chr19	19p13.1	23	492	40.77	91.16
WDR11	41.56	108.24	0.38	chr10	10q26	40	633	72.76	68.24
FBXO36	6.78	17.65	0.38	chr2	2q36.3	40	750	67.88	132.11
KLHL29	17.55	45.71	0.38	chr2	2p24.1	43	1513	82.43	128.15
Hs.668043	11.01	28.67	0.38	chr19	N/A	1	304	0.00	43.65
LOC441155	41.27	107.52	0.38	chr6	6q12	20	420	86.54	45.03
Hs.146958	11.57	30.14	0.38	chr15	N/A	7	73	42.31	57.62
MYT1	10.99	28.63	0.38	chr20	20q13.33	42	1408	77.71	100.91
COIL	30.57	79.65	0.38	chr17	17q22	35	1026	115.94	184.09
Hs.538216	5.83	15.20	0.38	chr1	N/A	6	66	31.11	97.49
CORO2A	19.10	49.78	0.38	chr9	9q22.3	39	896	107.32	85.06
Hs.306690	5.17	13.46	0.38	chr3	N/A	3	326	34.45	75.13
Hs.661336	13.08	34.08	0.38	chr17	N/A	7	73	97.55	99.87
Hs.687378	10.28	26.79	0.38	chr14	N/A	7	73	75.07	76.09
OTUD4	26.29	68.53	0.38	chr4	4q31.21	109	2165	126.42	131.85
TRAF4	16.56	43.17	0.38	chr17	17q11-q12	47	1678	77.74	91.32
LOC100507166	8.78	22.90	0.38	chr15	N/A	10	73	52.29	103.56
CREB3L4	43.91	114.50	0.38	chr1	1q21.3	26	469	88.60	141.76
Hs.657613	7.26	18.94	0.38	chr1	N/A	8	377	33.54	60.90
Hs.662056	28.24	73.63	0.38	chr20	N/A	1	304	0.00	64.66
Hs.126452	5.18	13.50	0.38	chr2	N/A	7	73	25.22	71.90
FAM183B	6.53	17.04	0.38	chr7	7p14.1	12	52	82.70	122.74
Hs.669514	8.26	21.55	0.38	chrX	N/A	1	304	0.00	80.29
Hs.135789	45.67	119.12	0.38	chr20	N/A	2	22	19.92	127.64
KHDRBS2	10.95	28.55	0.38	chr6	6q11.1	25	546	76.22	112.89
Hs.560510	5.89	15.37	0.38	chr17	N/A	7	73	18.90	82.68
Hs.659110	7.98	20.80	0.38	chr8	N/A	11	332	178.10	75.70
RAB8A	81.82	213.42	0.38	chr19	19p13.1	46	717	131.70	68.01
Hs.666341	11.09	28.92	0.38	chr1	N/A	1	304	0.00	59.93
CDH10	15.89	41.45	0.38	chr5	5p14.2	21	458	61.88	133.05
Hs.683429	11.48	29.96	0.38	chr2	N/A	1	304	0.00	40.83
REEP1	76.35	199.18	0.38	chr2	2p11.2	39	1065	83.54	197.23
Hs.595356	13.08	34.12	0.38	chr13	N/A	1	304	0.00	69.56
SHISA7	11.58	30.21	0.38	chr19	19q13.42	8	336	44.22	79.06
Hs.670210	8.62	22.49	0.38	chr11	N/A	10	28	41.69	23.82
PTGES3	210.05	548.08	0.38	chr12	12	62	737	124.61	71.20
Hs.660778	18.42	48.08	0.38	chr9	N/A	8	377	88.66	47.95
LEFTY2	15.12	39.45	0.38	chr1	1q42.1	37	646	78.32	147.62
Hs.660237	9.45	24.67	0.38	chr2	N/A	8	377	36.93	61.89
BDKRB2	20.19	52.70	0.38	chr14	14q32.1-q32.2	32	614	62.81	119.27
Hs.737365	18.63	48.62	0.38	chr11	N/A	1	304	0.00	51.69
Hs.564550	5.98	15.62	0.38	chr13	N/A	17	101	65.28	86.54
Hs.601575	8.77	22.89	0.38	chr6	N/A	7	73	61.45	106.10
SLC25A32	22.74	59.37	0.38	chr8	8q22.3	35	600	65.97	58.27
TEX11	5.99	15.64	0.38	chrX	Xq13.1	36	1134	63.03	172.32
RSPO4	11.40	29.76	0.38	chr20	20p13	12	422	58.72	84.20
Hs.48584	5.85	15.27	0.38	chrY	N/A	7	73	65.88	106.20
Hs.707463	20.91	54.61	0.38	chr12	N/A	1	304	0.00	64.64
RHOXF1	14.96	39.07	0.38	chrX	Xq24	19	384	179.57	73.83
Hs.708569	7.97	20.80	0.38	chr7	N/A	10	28	19.32	68.63
Hs.86636	9.85	25.71	0.38	chr12	N/A	11	377	90.71	82.25
LINC00265	23.20	60.61	0.38	chr7	7p14.1	22	170	78.81	87.40
MDM4	43.17	112.76	0.38	chr1	1q32	73	1701	268.96	183.71
Hs.17661	9.67	25.28	0.38	chr1	N/A	11	377	94.18	54.31

Hs.604194	18.44	48.18	0.38	chr17	N/A	3	326	103.06	89.04
Hs.18768	6.02	15.75	0.38	chr1	N/A	8	377	61.06	78.41
Hs.677098	6.15	16.07	0.38	chr1	N/A	1	304	0.00	56.22
CCDC159	13.71	35.85	0.38	chr19	19p13.2	13	393	139.88	68.61
Hs.733709	4.20	10.97	0.38	chr19	N/A	1	304	0.00	54.86
PROK1	20.94	54.74	0.38	chr1	1p21	26	461	66.18	189.62
Hs.665523	32.42	84.77	0.38	chr1	N/A	14	146	59.95	123.14
Hs.734093	7.76	20.29	0.38	chr3	N/A	1	304	0.00	51.60
GIPC2	9.73	25.43	0.38	chr1	1p31.1	41	556	63.75	141.73
MRFAP1	581.46	1,520.42	0.38	chr4	4p16.1	36	509	84.22	63.29
PANX2	17.12	44.77	0.38	chr22	22q13.33	37	1093	57.64	187.95
KIAA0753	28.91	75.61	0.38	chr17	17p13.1	30	572	72.94	54.34
Hs.132844	8.64	22.60	0.38	chr10	N/A	2	22	48.74	113.53
SAMD7	13.27	34.70	0.38	chr3	3q26.2	16	28	57.82	124.97
Hs.662512	7.45	19.49	0.38	chr19	N/A	7	73	123.40	296.04
MICALL1	25.02	65.44	0.38	chr22	22q13.1	40	1014	87.58	93.60
CD164L2	15.53	40.62	0.38	chr1	1p36.11	8	52	166.98	80.51
Hs.659649	13.97	36.54	0.38	chr12	N/A	2	22	88.60	42.91
PAPSS2	40.93	107.06	0.38	chr10	10q24	67	1663	93.70	156.14
ANKRD27	43.44	113.64	0.38	chr19	19q13.11	28	533	37.88	54.53
Hs.664145	4.99	13.05	0.38	chr18	N/A	7	73	35.64	120.34
Hs.713119	30.62	80.10	0.38	chr15	N/A	5	51	68.83	58.57
APH1B	38.35	100.33	0.38	chr15	15q22.2	32	837	101.31	275.52
Hs.656556	3.92	10.25	0.38	chr2	N/A	3	66	27.48	70.83
SFXN1	17.11	44.78	0.38	chr5	N/A	46	937	103.81	90.38
Hs.736409	29.83	78.07	0.38	chr3	N/A	1	304	0.00	40.15
SULT2B1	28.79	75.34	0.38	chr19	19q13.3	36	571	92.55	156.29
Hs.669408	8.63	22.58	0.38	chr1	N/A	2	16	37.78	44.79
MS4A6E	11.95	31.28	0.38	chr11	11q12.2	26	435	62.13	229.43
C22orf34	12.16	31.82	0.38	chr22	22q13.33	7	304	71.65	62.43
ATF3	73.86	193.35	0.38	chr1	1q32.3	58	1241	109.39	207.04
HERPUD2	40.73	106.64	0.38	chr7	7p14.2	38	1150	98.34	76.14
CSNK1G1	16.42	42.97	0.38	chr15	15q22.1-q22.3	71	1761	101.03	75.34
Hs.737968	27.17	71.14	0.38	chr2	N/A	1	304	0.00	47.78
CCDC173	16.89	44.23	0.38	chr2	2q31.1	18	377	178.65	259.10
Hs.735963	6.24	16.35	0.38	chr1	N/A	4	304	28.84	52.96
Hs.745342	7.25	18.98	0.38	chr18	N/A	4	304	34.66	73.17
GPR64	16.10	42.18	0.38	chrX	Xp22.13	50	674	103.46	149.13
Hs.666609	9.50	24.89	0.38	chr2	N/A	7	73	44.04	62.58
Hs.668664	4.93	12.92	0.38	chr1	N/A	1	304	0.00	57.04
SEPT14	9.20	24.10	0.38	chr7	7p11.2	19	28	56.52	59.83
CASC4	66.74	174.83	0.38	chr15	15q15.3	51	1166	213.45	150.72
Hs.633639	7.58	19.86	0.38	chr1	N/A	17	101	47.89	405.06
RAPGEF6	26.36	69.05	0.38	chr5	5q31.1	53	1574	112.26	94.41
GALNT14	16.06	42.09	0.38	chr2	2p23.1	21	459	52.32	120.96
Hs.599895	6.68	17.50	0.38	chr12	N/A	2	22	28.67	58.73
LOC283887	16.96	44.43	0.38	chr16	16p12.1	13	620	27.20	68.30
MPP5	28.12	73.71	0.38	chr14	14q23.3	39	870	99.81	100.05
PXT1	6.84	17.94	0.38	chr6	6p21.31	19	342	55.95	50.72
TAC3	27.75	72.74	0.38	chr12	12q13-q21	34	531	156.40	83.33
PDZD4	22.50	58.98	0.38	chrX	Xq28	19	384	111.23	147.48
KCNN1	18.77	49.22	0.38	chr19	19p13.1	31	547	104.48	86.83
Hs.604419	7.85	20.59	0.38	chr1	N/A	7	73	76.12	71.66
Hs.656235	5.49	14.40	0.38	chr14	N/A	1	304	0.00	65.50
Hs.540148	4.07	10.68	0.38	chr15	N/A	2	22	90.91	72.53
MAP7D2	16.91	44.35	0.38	chrX	Xp22.12	62	716	157.75	218.10
Hs.665315	8.06	21.16	0.38	chr19	N/A	7	73	89.20	85.88
PLXNB3	13.03	34.20	0.38	chrX	Xq28	42	689	88.75	112.72
Hs.660870	19.17	50.29	0.38	chr2	N/A	22	538	103.70	112.96
CXorf51B	15.50	40.66	0.38	chrX	Xq27.3	4	304	36.01	217.60
Hs.663175	9.95	26.12	0.38	chr6	N/A	7	73	62.34	106.22
WDR76	7.66	20.10	0.38	chr15	15q15.3	25	821	78.51	86.95
Hs.434578	4.23	11.11	0.38	chr14	N/A	1	304	0.00	60.60
Hs.668183	42.76	112.23	0.38	chr16	N/A	2	22	23.06	76.22
Hs.661385	43.46	114.06	0.38	chr3	N/A	15	450	294.42	442.72
Hs.673900	11.00	28.88	0.38	chr17	N/A	11	332	35.70	84.03
PLEKHG4	22.90	60.09	0.38	chr16	16q22.1	26	457	95.61	79.03
SMAP2	70.01	183.79	0.38	chr1	1p35.3-p34.1	31	424	154.32	164.82
SNX33	59.07	155.10	0.38	chr15	15q24.2	28	491	188.76	152.68
Hs.665503	6.73	17.67	0.38	chr14	N/A	1	304	0.00	86.20
RIPPLY2	7.04	18.49	0.38	chr6	6q14.2	17	332	86.07	77.88
PSIP1	33.03	86.75	0.38	chr9	9p22.3	109	2100	162.01	122.47
Hs.668153	4.01	10.54	0.38	chr1	N/A	2	22	47.07	113.58
GREB1	12.32	32.37	0.38	chr2	2p25.1	62	1441	77.72	270.21
CXorf65	10.56	27.73	0.38	chrX	Xq13.1	17	398	104.96	180.32
Hs.545303	10.12	26.59	0.38	chr8	N/A	10	73	54.30	153.28
MEX3A	14.98	39.35	0.38	chr1	1q22	22	1031	69.55	90.28
ZDHC12	17.61	46.26	0.38	chr9	9q34.11	23	495	109.67	109.35
Hs.715039	61.60	161.85	0.38	chrX	N/A	10	102	80.24	184.67
CNTN4	9.81	25.77	0.38	chr3	3p26.3	59	1022	94.36	120.89
Hs.734674	4.97	13.05	0.38	chr9	N/A	1	304	0.00	52.79
ZNF587B	21.91	57.57	0.38	chr19	N/A	22	521	95.70	57.10
ZNF669	21.13	55.51	0.38	chr1	1q44	24	448	93.49	46.38
Hs.675465	9.21	24.21	0.38	chr2	N/A	1	304	0.00	236.60
C5	24.89	65.41	0.38	chr9	9q33-q34	44	721	126.87	253.33
JMY	31.64	83.16	0.38	chr5	5q14.1	28	783	89.94	87.88
Hs.661479	4.11	10.81	0.38	chr3	N/A	7	73	56.26	99.06
Hs.507916	29.99	78.83	0.38	chr13	N/A	14	146	106.84	65.08
TBL1X	31.38	82.49	0.38	chrX	Xp22.3	69	2400	115.98	119.26
Hs.125829	6.80	17.87	0.38	chr19	N/A	11	332	35.06	53.95
ZNF707	16.13	42.40	0.38	chr8	8q24.3	26	462	73.41	71.78
Hs.634599	8.23	21.63	0.38	chr9	N/A	10	28	56.78	61.33
Hs.732516	150.79	396.48	0.38	chr3	N/A	21	405	121.50	71.27

OR51B6	11.57	30.43	0.38	chr11	11p15.4	4	304	83.64	40.15
Hs.661762	5.56	14.63	0.38	chr1	N/A	2	608	33.54	80.56
Hs.656532	7.80	20.50	0.38	chr11	N/A	18	406	79.46	49.63
AA06	11.21	29.48	0.38	chr17	17q12	4	304	89.23	39.61
PROZ	13.01	34.23	0.38	chr13	13q34	30	570	101.44	130.90
TTC29	9.34	24.57	0.38	chr4	4q31.22	19	388	167.16	360.57
RBM26-AS1	11.06	29.08	0.38	chr13	N/A	19	709	54.69	73.88
Hs.596844	7.46	19.63	0.38	chr2	N/A	3	66	125.94	84.53
PIM2	31.70	83.38	0.38	chrX	Xp11.23	30	593	73.57	207.36
Hs.720681	85.15	224.01	0.38	chr17	N/A	7	73	108.11	108.82
Hs.675567	14.60	38.41	0.38	chr14	N/A	1	304	0.00	41.20
CNGA1	12.22	32.14	0.38	chr4	4p12	40	597	101.14	75.99
Hs.662015	12.42	32.69	0.38	chr17	N/A	11	443	87.26	59.56
Hs.659063	10.88	28.62	0.38	chr3	N/A	8	377	31.75	48.77
ASTL	26.03	68.51	0.38	chr2	2q11.1	18	80	66.96	66.24
GLCC11	30.39	79.98	0.38	chr7	7p21.3	56	1908	152.08	149.65
RANBP9	52.69	138.71	0.38	chr6	6p23	55	1743	103.31	159.30
LG14	30.77	81.01	0.38	chr19	19q13.11	27	767	132.27	127.18
Hs.658127	6.48	17.05	0.38	chr8	N/A	11	332	50.73	57.58
GREM2	9.89	26.04	0.38	chr1	1q43	50	1201	112.68	214.03
Hs.526822	6.94	18.27	0.38	chr4	N/A	7	73	35.92	82.86
Hs.651434	9.20	24.23	0.38	chr6	N/A	1	304	0.00	41.88
ZNF443	16.22	42.70	0.38	chr19	19p13.2	23	508	87.30	63.92
MBNL1-AS1	26.17	68.89	0.38	chr3	3q25.1	26	827	161.57	221.67
Hs.707066	37.23	98.04	0.38	chr2	N/A	5	51	64.42	360.86
MAP3K12	17.46	45.99	0.38	chr12	12q13	25	907	89.39	65.24
HIST2H2AA3	125.28	329.98	0.38	chr1	1q21.2	54	1440	98.05	178.79
Hs.127274	7.30	19.24	0.38	chr1	N/A	1	304	0.00	55.49
Hs.720720	22.25	58.62	0.38	chr6	N/A	19	952	107.92	166.35
FLJ16423	17.78	46.84	0.38	chrX	Xq28	7	73	56.12	125.69
RIOK3	73.65	194.02	0.38	chr18	18q11.2	74	1857	112.70	139.14
CDH11	40.51	106.73	0.38	chr16	16q21	44	1109	116.57	144.19
ZP1	6.56	17.28	0.38	chr11	11q12.2	21	405	89.26	82.29
Hs.548777	11.15	29.37	0.38	chr20	N/A	4	304	122.42	37.83
ESRG	5.37	14.16	0.38	chr3	3p14.3	1	304	0.00	63.54
Hs.666454	7.21	19.00	0.38	chr5	N/A	15	450	84.61	64.43
Hs.687687	17.82	46.96	0.38	chr8	N/A	8	377	79.69	67.82
ZNF322	26.70	70.37	0.38	chr6	6p22.1	32	825	67.01	90.44
Hs.677496	3.79	9.98	0.38	chr14	N/A	2	608	2.06	68.44
CLMN	17.61	46.42	0.38	chr14	14q32.13	61	1774	87.29	140.59
UNC79	11.49	30.29	0.38	chr14	14q32.12	41	668	125.81	118.32
LOC729324	5.22	13.75	0.38	chr2	2p14	1	305	0.00	85.62
TMEM169	13.03	34.36	0.38	chr2	2q35	46	513	132.87	104.27
Hs.670641	5.74	15.15	0.38	chr9	N/A	1	304	0.00	58.30
SPCS2	112.54	296.73	0.38	chr11	11q13.4	64	1403	128.10	92.49
PHC1	35.58	93.83	0.38	chr12	12p13	35	815	100.50	61.58
Hs.149004	7.31	19.29	0.38	chr16	N/A	11	703	68.04	77.04
CLASRP	44.31	116.88	0.38	chr19	19q13.3	52	633	96.77	69.70
SUV420H1	49.35	130.18	0.38	chr11	11q13.2	63	1018	144.33	73.81
RFPWD3	15.27	40.28	0.38	chr16	16q23.1	28	528	131.15	94.72
CMTM4	36.59	96.53	0.38	chr16	16q21-q22.1	65	1265	103.03	130.83
LOC100506380	6.34	16.72	0.38	chr7	N/A	8	377	45.46	62.54
Hs.667766	26.62	70.25	0.38	chr7	N/A	1	304	0.00	79.44
PRH2	12.22	32.24	0.38	chr12	12p13.2	16	29	45.54	90.50
Hs.408101	3.96	10.46	0.38	chr1	N/A	5	51	32.82	94.68
FAM135B	13.83	36.49	0.38	chr8	8q24.23	32	771	155.80	68.07
Hs.660688	11.46	30.24	0.38	chr20	N/A	1	304	0.00	127.13
FAM85A	78.90	208.25	0.38	chr8	8p23.1	1	304	0.00	57.97
Hs.179299	11.69	30.85	0.38	chr15	N/A	8	377	132.38	54.31
Hs.666826	3.97	10.47	0.38	chr17	N/A	7	73	63.66	93.00
ABHD12	33.93	89.56	0.38	chr20	20p11.21	44	1117	89.71	85.98
Hs.564060	15.16	40.01	0.38	chr10	N/A	17	448	73.61	57.97
Hs.633830	18.16	47.93	0.38	chr8	N/A	8	377	55.67	48.01
Hs.635541	10.64	28.10	0.38	chr3	N/A	10	842	55.60	91.24
Hs.104943	7.41	19.58	0.38	chr14	N/A	10	73	40.17	99.06
Hs.720559	10.34	27.29	0.38	chr9	N/A	11	377	45.32	131.32
Hs.600708	14.03	37.04	0.38	chr17	N/A	7	73	105.25	94.19
Hs.713116	6.18	16.32	0.38	chr13	N/A	1	304	0.00	64.67
Hs.664015	5.30	13.99	0.38	chr6	N/A	7	73	67.07	142.56
PDIAS	51.20	135.22	0.38	chr3	3q21.1	37	650	79.25	71.42
TRIP13	20.35	53.74	0.38	chr5	5p15.33	30	574	99.12	91.81
TICRR	10.22	26.99	0.38	chr15	15q26.1	44	765	89.80	125.02
Hs.656364	9.25	24.45	0.38	chr8	N/A	8	377	84.93	232.50
LOC100506974	6.90	18.24	0.38	chr17	N/A	15	450	59.28	74.38
ERO1L	47.24	124.79	0.38	chr14	14q22.1	47	1244	89.68	176.39
FAM47A	8.98	23.71	0.38	chrX	Xp21.1	19	384	41.00	480.98
Hs.573606	15.56	41.11	0.38	chrX	N/A	7	73	57.10	183.53
AGO3	26.29	69.46	0.38	chr1	1p34	38	606	67.78	70.94
Hs.656129	80.35	212.32	0.38	chr5	N/A	1	304	0.00	82.63
XKR7	16.20	42.81	0.38	chr20	20q11.21	8	52	80.01	79.21
TP53TG5	14.15	37.39	0.38	chr20	20q13.12	23	493	89.93	114.80
MPLKIP	55.05	145.47	0.38	chr7	7p14.1	37	445	52.68	45.28
Hs.558872	7.94	20.98	0.38	chr21	N/A	17	405	63.77	62.86
EPB41L4A-AS1	121.68	321.60	0.38	chr5	5q22.2	26	469	56.72	88.27
FAM171A2	8.18	21.61	0.38	chr17	17q21.31	7	374	90.83	108.60
INCENP	10.25	27.09	0.38	chr11	11q12.3	31	528	67.53	66.67
LINC00841	8.99	23.76	0.38	chr10	10q11.21	4	304	69.32	43.80
Hs.679237	6.55	17.33	0.38	chr15	N/A	5	420	87.02	60.75
Hs.445931	4.46	11.79	0.38	chr8	N/A	4	304	26.19	57.09
Hs.597000	12.57	33.24	0.38	chr19	N/A	7	73	53.90	55.41
Hs.131244	15.61	41.29	0.38	chr5	N/A	8	348	77.18	56.44
Hs.678079	29.75	78.69	0.38	chr2	N/A	8	377	46.72	43.47
C9orf85	18.26	48.29	0.38	chr9	9q21.13	39	885	66.20	53.74

CARD6	33.78	89.36	0.38	chr5	5p13.1	19	396	69.09	67.70
Hs.571717	10.16	26.89	0.38	chrX	N/A	7	73	50.68	106.69
Hs.435510	9.32	24.65	0.38	chr11	N/A	7	73	73.97	64.34
WFIKKN1	11.12	29.42	0.38	chr16	16p13.3	19	388	37.61	93.87
Hs.658979	6.88	18.20	0.38	chr1	N/A	8	377	60.93	60.26
Hs.545241	13.60	35.97	0.38	chr8	N/A	5	22	76.57	81.37
KLHL38	8.25	21.82	0.38	chr8	8q24.13	8	52	60.10	41.66
Hs.570383	9.72	25.72	0.38	chr20	N/A	4	304	54.06	44.89
Hs.603563	12.03	31.83	0.38	chr15	N/A	7	73	58.65	88.00
LOC100131608	3.13	8.28	0.38	chr8	8p23.1	1	304	0.00	64.50
SULF1	29.03	76.82	0.38	chr8	8q13.1	61	1624	110.77	155.15
Hs.600908	8.82	23.33	0.38	chr18	N/A	7	73	34.79	68.25
DGAT2L6	20.97	55.50	0.38	chrX	Xq13.1	12	156	83.24	83.75
Hs.127655	3.07	8.13	0.38	chr13	N/A	7	73	21.31	85.08
Hs.633143	18.95	50.17	0.38	chr20	N/A	45	920	76.50	86.00
Hs.602499	6.38	16.90	0.38	chr5	N/A	3	66	28.03	55.22
EDIL3	39.23	103.83	0.38	chr5	5q14	66	2007	186.00	336.88
KCTD17	18.47	48.89	0.38	chr22	22q12.3	44	909	87.30	131.73
Hs.660987	4.14	10.95	0.38	chr4	N/A	7	73	61.36	81.07
Hs.731819	63.47	168.01	0.38	chr19	N/A	1	304	0.00	74.17
ZNF217	45.16	119.53	0.38	chr20	20q13.2	42	700	86.35	89.17
LINC00319	7.33	19.41	0.38	chr21	21q22.3	12	316	45.23	60.90
DEFB124	18.98	50.25	0.38	chr20	20q11.1	5	608	81.28	176.94
Hs.559587	15.33	40.58	0.38	chr3	N/A	8	377	69.10	36.82
Hs.156946	5.47	14.49	0.38	chr3	N/A	7	73	38.15	84.95
NUAK2	30.97	82.01	0.38	chr1	1q32.1	20	520	98.48	101.61
OR4F15	11.31	29.97	0.38	chr15	15q26.3	8	52	91.45	87.63
Hs.604097	24.05	63.71	0.38	chr15	N/A	7	73	76.55	52.31
SMAGP	31.29	82.90	0.38	chr12	12q13.13	63	734	100.99	110.22
SMKR1	19.63	52.01	0.38	chr7	7q32.1	31	440	90.96	363.71
LOXL1-AS1	6.37	16.89	0.38	chr15	15q24.1	11	336	47.41	97.17
SGK2	15.31	40.56	0.38	chr20	20q13.2	45	854	158.69	110.45
Hs.669702	4.30	11.40	0.38	chr1	N/A	1	304	0.00	63.37
Hs.659586	15.08	39.96	0.38	chr3	N/A	2	608	75.93	72.19
Hs.614284	9.79	25.95	0.38	chr10	N/A	2	608	7.44	69.96
Hs.36300	6.18	16.36	0.38	chr1	N/A	8	377	47.79	69.68
LOC339535	10.94	28.98	0.38	chr1	1q43	9	126	53.83	84.02
LSG1	32.93	87.28	0.38	chr3	3q29	47	1216	61.49	44.47
Hs.664538	22.62	59.94	0.38	chr2	N/A	1	304	0.00	76.07
Hs.693174	21.91	58.06	0.38	chr1	N/A	5	420	96.45	92.06
Hs.55246	3.65	9.67	0.38	chr6	N/A	7	73	52.89	74.48
Hs.587470	4.74	12.56	0.38	chr8	N/A	1	304	0.00	52.94
PARP8	18.77	49.77	0.38	chr5	5q11.1	58	1151	100.83	94.42
ADCK1	19.72	52.28	0.38	chr14	14q24.3	40	607	112.29	76.25
Hs.150800	8.68	23.02	0.38	chr14	N/A	11	377	98.54	117.40
SMR3A	56.69	150.28	0.38	chr4	4q13.3	27	926	191.30	580.76
Hs.382313	4.89	12.97	0.38	chr13	N/A	1	304	0.00	60.83
Hs.615971	6.16	16.33	0.38	chr11	N/A	10	28	73.35	39.40
MTF1	27.11	71.89	0.38	chr1	1p33	70	1588	107.32	58.90
ZNF44	20.25	53.68	0.38	chr19	19p13.2	65	2043	150.70	129.98
Hs.664769	5.32	14.11	0.38	chr8	N/A	7	73	33.33	67.47
LOC284865	7.24	19.19	0.38	chr22	22q11.21	1	304	0.00	73.99
SRGAP2C	41.28	109.48	0.38	chr1	1p11.2	29	510	53.70	97.01
LOC728095	9.98	26.45	0.38	chr5	5q34	11	348	49.88	603.10
CRTC3	62.58	165.97	0.38	chr15	15q26.1	43	944	160.62	96.66
REC8	25.52	67.69	0.38	chr14	14q11.2-q12	32	831	105.58	132.59
IER2	264.14	700.57	0.38	chr19	19p13.2	40	605	66.29	88.41
PLA2G10	8.90	23.60	0.38	chr16	16p13.1-p12	25	548	72.29	118.25
ARHGAP6	12.97	34.39	0.38	chrX	Xp22.3	57	1042	128.81	179.61
Hs.674035	11.88	31.53	0.38	chr19	N/A	1	304	0.00	50.54
Hs.735647	5.02	13.31	0.38	chr3	N/A	1	304	0.00	62.58
CHAD	12.70	33.71	0.38	chr17	17q21.33	30	570	98.72	224.28
Hs.633030	39.41	104.57	0.38	chr6	N/A	7	73	73.27	40.81
LPP	94.80	251.60	0.38	chr3	3q28	144	2819	194.90	167.92
S100A16	273.28	725.37	0.38	chr1	1q21	19	396	136.38	135.77
CD200R1	12.47	33.11	0.38	chr3	3q13.2	34	665	193.52	103.76
FAM110A	26.59	70.57	0.38	chr20	20p13	40	438	55.58	65.36
IP6K2	50.80	134.87	0.38	chr3	3p21.31	53	888	71.75	61.98
Hs.649138	9.30	24.69	0.38	chr16	N/A	7	73	66.85	75.76
TBC1D8B	12.97	34.43	0.38	chrX	Xq22.3	61	1396	71.01	107.00
C14orf183	10.39	27.59	0.38	chr14	14q21.3	14	332	79.11	39.13
Hs.687887	4.88	12.96	0.38	chr6	N/A	1	304	0.00	92.65
GNG2	29.41	78.11	0.38	chr14	14q21	81	1829	160.77	253.89
Hs.703291	17.14	45.53	0.38	chr17	N/A	7	73	82.48	60.79
Hs.663391	21.32	56.63	0.38	chr20	N/A	8	377	74.98	53.92
Hs.636203	17.83	47.36	0.38	chr11	N/A	6	355	64.58	964.71
LOC145757	7.07	18.79	0.38	chr15	15q26.3	11	337	69.22	41.53
LOC100288846	7.60	20.19	0.38	chr14	14q21.1	18	405	33.04	82.99
Hs.180761	13.25	35.22	0.38	chr4	N/A	1	304	0.00	40.44
LZTS1-AS1	5.32	14.13	0.38	chr8	N/A	1	304	0.00	50.59
SLC11A2	39.74	105.60	0.38	chr12	12q13	88	2110	113.61	112.88
CAPG	49.42	131.33	0.38	chr2	2p11.2	33	589	71.90	85.75
Hs.666123	5.62	14.92	0.38	chr12	N/A	7	73	74.65	70.30
Hs.745306	59.82	159.00	0.38	chr17	N/A	10	28	51.61	76.07
SERPINA10	13.02	34.61	0.38	chr14	14q32.13	21	457	170.33	268.28
DCP1B	34.96	92.92	0.38	chr12	12p13.33	26	469	72.84	93.02
Hs.259927	5.38	14.30	0.38	chr17	N/A	14	146	50.71	68.12
Hs.735138	7.77	20.67	0.38	chr1	N/A	7	73	56.52	79.98
TCF7L2	45.18	120.11	0.38	chr10	10q25.3	111	3453	137.54	112.18
TRPV3	12.84	34.13	0.38	chr17	17p13.2	39	849	117.74	682.52
LOC643648	18.50	49.19	0.38	chr9	9p11.2	11	12	52.89	36.72
DDX26B	35.45	94.27	0.38	chrX	Xq26.3	27	410	109.35	131.48
LINC00851	10.89	28.94	0.38	chr20	20p11.23	14	392	91.10	69.92

LOC100127888	15.53	41.30	0.38	chr20	20q13.33	1	315	0.00	77.16
Hs.552117	6.97	18.53	0.38	chr6	N/A	7	73	19.17	71.23
ZFP36	417.30	1,109.73	0.38	chr19	19q13.1	30	577	108.77	98.95
RNF170	26.05	69.28	0.38	chr8	8p11.21	47	1241	108.49	84.05
Hs.586184	21.61	57.46	0.38	chr5	N/A	8	377	97.91	50.20
RECK	26.34	70.06	0.38	chr9	9p13.3	109	2575	148.59	226.16
Hs.708404	37.37	99.41	0.38	chr4	N/A	7	73	57.75	111.56
Hs.666096	6.61	17.59	0.38	chr11	N/A	7	73	49.03	73.35
CCL22	15.54	41.34	0.38	chr16	16q13	28	543	158.78	118.88
DOCK10	13.53	35.98	0.38	chr2	2q36.2	69	1401	101.28	215.21
SLC12A6	33.54	89.23	0.38	chr15	15q13	33	1147	241.06	118.01
Hs.741885	11.69	31.10	0.38	chr18	N/A	7	73	65.44	91.93
Hs.635238	6.83	18.16	0.38	chr7	N/A	2	22	59.97	127.40
LOC100996579	9.80	26.07	0.38	chr2	N/A	21	413	70.57	62.40
Hs.131192	5.64	15.01	0.38	chr3	N/A	7	73	43.36	69.15
GRID1	12.46	33.17	0.38	chr10	10q22	38	1093	97.78	94.69
MFSD6	44.22	117.71	0.38	chr2	2q32.2	29	836	95.70	118.07
Hs.667779	5.30	14.10	0.38	chr17	N/A	2	22	43.21	177.44
C1orf132	29.11	77.49	0.38	chr1	1q32.2	24	405	57.96	106.51
C1orf68	8.12	21.63	0.38	chr1	1q21.3	15	880	50.90	149.36
Hs.596883	4.84	12.90	0.38	chr21	N/A	8	51	42.32	75.19
Hs.668022	24.55	65.37	0.38	chr3	N/A	2	22	76.80	117.20
Hs.131057	7.66	20.40	0.38	chr2	N/A	12	493	44.48	76.41
Hs.596875	11.05	29.44	0.38	chr2	N/A	13	94	91.18	166.39
Hs.567985	10.56	28.14	0.38	chr9	N/A	7	73	36.37	104.79
MARK4	27.48	73.22	0.38	chr19	19q13.3	60	1203	103.96	103.27
MARCH4	8.74	23.29	0.38	chr2	2q35	26	457	76.25	111.97
GGH	31.28	83.34	0.38	chr8	8q12.3	33	577	110.73	132.30
Hs.733987	7.17	19.10	0.38	chr11	N/A	8	377	40.29	55.84
Hs.659543	27.58	73.49	0.38	chr3	N/A	1	304	0.00	44.63
PSTPIP2	13.49	35.94	0.38	chr18	18q12	40	582	97.32	131.93
TMEM74	8.13	21.67	0.38	chr8	8q23.1	33	1046	112.24	136.19
ANKRD54	37.76	100.63	0.38	chr22	22q13.1	27	361	79.21	42.39
ARSF	15.39	41.01	0.38	chrX	Xp22.3	30	567	71.69	100.98
Hs.661801	3.93	10.47	0.38	chrX	N/A	1	304	0.00	60.90
Hs.655599	6.43	17.14	0.38	chr16	N/A	7	73	64.05	59.12
Hs.603871	7.34	19.56	0.38	chr3	N/A	1	304	0.00	77.85
Hs.206112	6.69	17.83	0.38	chr4	N/A	9	355	56.28	70.11
Hs.669696	6.68	17.81	0.38	chr4	N/A	14	1244	63.48	89.45
Hs.657777	34.17	91.10	0.38	chr7	N/A	8	377	79.51	53.45
PLD5	6.83	18.22	0.38	chr1	1q43	23	490	83.25	93.95
CCDC54	10.95	29.21	0.37	chr3	3q13.12	24	408	38.13	379.97
Hs.128937	16.89	45.05	0.37	chr10	N/A	6	66	60.14	192.10
IFT88	45.04	120.10	0.37	chr13	13q12.1	45	672	117.82	140.28
Hs.50607	6.49	17.30	0.37	chr2	N/A	15	450	39.86	64.29
Hs.720520	10.10	26.95	0.37	chr15	N/A	7	73	37.76	93.58
ADCY7	17.90	47.75	0.37	chr16	16q12.1	38	909	79.72	105.87
Hs.131360	7.92	21.12	0.37	chr12	N/A	4	304	58.48	44.57
Hs.667649	4.97	13.26	0.37	chr6	N/A	2	22	13.08	78.62
Hs.601050	5.40	14.39	0.37	chrX	N/A	7	73	44.50	119.05
FAM154A	8.99	23.98	0.37	chr9	9p22.1	24	406	89.86	246.61
SLC35D1	23.01	61.39	0.37	chr1	1p32-p31	50	1437	108.02	111.11
Hs.661114	16.10	42.97	0.37	chr3	N/A	9	681	84.17	84.32
CACNG1	15.24	40.67	0.37	chr17	17q24	37	639	146.72	384.24
Hs.660379	28.11	75.04	0.37	chr2	N/A	1	304	0.00	70.93
Hs.20864	4.85	12.95	0.37	chr2	N/A	7	73	36.53	66.32
AEBP1	87.08	232.52	0.37	chr7	7p13	47	677	80.91	145.60
MYO5B	22.45	59.94	0.37	chr18	18q21	54	1532	108.60	124.33
LOC150622	7.54	20.14	0.37	chr2	2p25.2	40	1114	50.70	203.01
Hs.592692	70.12	187.25	0.37	chr6	N/A	39	1008	90.64	77.43
LOC100507391	8.81	23.52	0.37	chr3	3q29	1	307	0.00	57.64
BSN-AS2	8.33	22.25	0.37	chr3	3p21.31	18	408	93.22	66.27
VIPR2	31.74	84.79	0.37	chr7	7q36.3	50	1435	106.47	635.49
Hs.473918	6.06	16.18	0.37	chr21	N/A	8	377	45.74	272.86
Hs.593740	57.43	153.45	0.37	chr12	N/A	18	405	42.31	128.21
Hs.668335	29.05	77.62	0.37	chr22	N/A	7	73	51.45	136.20
HOXD10	11.11	29.68	0.37	chr2	2q31.1	25	1100	108.02	196.60
Hs.601535	12.82	34.25	0.37	chr3	N/A	7	73	103.12	114.74
PADI2	24.56	65.64	0.37	chr1	1p36.13	52	1232	113.38	197.99
Hs.596906	14.56	38.91	0.37	chr4	N/A	10	28	45.04	46.50
Hs.667944	15.87	42.43	0.37	chr5	N/A	9	684	64.52	58.30
PDE11A	7.89	21.10	0.37	chr2	2q31.2	76	1619	77.89	369.12
DMRT1	6.13	16.38	0.37	chr9	9p24.3	28	530	55.18	298.05
TTY12	18.59	49.70	0.37	chrY	Yp11.2	18	436	170.29	163.03
Hs.633218	4.63	12.39	0.37	chr3	N/A	7	73	50.96	86.09
TBC1D10C	28.20	75.42	0.37	chr11	11q13.2	19	384	150.36	158.74
TMEM107	19.57	52.36	0.37	chr17	17p13.1	45	1760	83.49	98.41
FMNL1	14.61	39.08	0.37	chr17	17q21	31	876	98.99	113.25
Hs.599557	16.45	44.01	0.37	chr12	N/A	7	73	52.94	64.19
Hs.655591	30.59	81.83	0.37	chr3	N/A	22	664	74.12	43.89
RAB14	57.97	155.11	0.37	chr9	9q32-q34.11	74	1619	118.93	104.37
PRSS50	9.29	24.86	0.37	chr3	3p21.31	27	530	95.73	77.15
Hs.666676	5.61	15.00	0.37	chr18	N/A	2	22	29.51	82.41
Hs.644701	11.73	31.39	0.37	chr19	N/A	17	101	131.34	87.79
Hs.601015	8.92	23.87	0.37	chr6	N/A	7	73	80.20	134.25
ZBTB2	23.75	63.58	0.37	chr6	6q25.1	36	501	118.01	85.87
RPL9	1,003.85	2,687.54	0.37	chr4	4p13	101	907	101.78	92.84
Hs.668224	12.84	34.39	0.37	chr16	N/A	2	22	81.38	44.52
Hs.733299	36.42	97.53	0.37	chrY	N/A	7	73	26.55	73.40
Hs.729145	10.30	27.58	0.37	chr17	N/A	7	73	52.28	209.13
SYNPO2	103.46	277.07	0.37	chr4	4q26	127	3003	222.77	247.47
Hs.659364	3.72	9.98	0.37	chr10	N/A	3	66	0.57	102.88
Hs.667215	6.15	16.48	0.37	chr17	N/A	3	66	62.61	74.49

LOC100127972	8.59	23.00	0.37	chr19	19q13.12	15	448	95.49	80.63
TBC1D21	12.65	33.89	0.37	chr15	15q24.1	24	436	182.81	109.07
SNORA74A	3.34	8.94	0.37	chr5	5q31.2	3	912	77.98	63.47
Hs.664615	5.24	14.03	0.37	chr10	N/A	7	73	32.59	146.65
LOC100505964	9.53	25.54	0.37	chr2	2p25	38	506	76.19	177.27
CTAGE9	29.56	79.20	0.37	chr6	6q23.2	8	420	66.41	61.30
DLEC1	15.04	40.31	0.37	chr3	3p21.3	46	1409	130.24	100.58
TCL1B	11.27	30.21	0.37	chr14	14q32.1	31	554	56.51	89.41
LTB4R	20.95	56.15	0.37	chr14	14q11.2-q12	31	1278	58.94	190.67
Hs.380638	4.34	11.64	0.37	chrX	N/A	3	66	10.56	110.75
Hs.112596	20.42	54.72	0.37	chr9	N/A	3	326	97.22	59.62
GPR115	6.60	17.69	0.37	chr6	6p12.3	37	790	82.55	120.74
CPED1	33.33	89.34	0.37	chr7	7q31.31	43	960	135.59	134.86
Hs.662518	6.13	16.42	0.37	chr5	N/A	7	73	52.23	65.15
PYCARD	41.19	110.40	0.37	chr16	16p11.2	24	465	74.43	107.33
Hs.742066	5.29	14.18	0.37	chr12	N/A	1	304	0.00	60.57
SLC17A4	12.57	33.69	0.37	chr6	6p22.2	30	569	141.55	99.66
Hs.382016	6.93	18.58	0.37	chr12	N/A	4	304	64.16	44.41
Hs.583041	4.46	11.97	0.37	chr6	N/A	10	73	34.65	109.54
UBE2J2	25.38	68.06	0.37	chr1	1p36.33	41	1336	82.10	106.43
SPATA3	11.98	32.12	0.37	chr2	2q37.1	23	388	58.35	191.09
Hs.664125	12.77	34.24	0.37	chr9	N/A	8	377	86.64	53.89
Hs.598044	19.27	51.68	0.37	chr17	N/A	7	73	57.16	59.34
Hs.646293	6.64	17.82	0.37	chr10	N/A	11	332	90.45	122.26
PIDD	20.79	55.76	0.37	chr11	11p15.5	39	951	67.85	109.42
MCF2L-AS1	9.72	26.08	0.37	chr13	13q34	23	122	64.50	83.05
PRSS33	12.19	32.69	0.37	chr16	16p13.3	30	724	115.46	239.54
Hs.655751	10.28	27.58	0.37	chr12	N/A	7	459	43.64	78.04
Hs.658827	29.00	77.81	0.37	chr8	N/A	1	304	0.00	56.38
SGK3	34.33	92.09	0.37	chr8	8q12	35	842	71.76	106.96
SPP2	13.69	36.73	0.37	chr2	2q37.1	28	547	109.96	262.95
Hs.668399	5.39	14.47	0.37	chr2	N/A	7	73	47.30	335.06
Hs.139649	7.77	20.86	0.37	chr2	N/A	10	73	52.55	88.62
Hs.604319	37.62	100.96	0.37	chr14	N/A	7	73	60.02	45.76
TMPRSS4	17.03	45.71	0.37	chr11	11q23.3	36	578	88.51	142.59
NAALADL1	13.42	36.02	0.37	chr11	11q12	31	869	132.13	103.83
NR1I2	11.68	31.36	0.37	chr3	3q12-q13.3	44	1063	89.76	201.40
Hs.733864	22.31	59.88	0.37	chr10	N/A	1	304	0.00	53.16
PCNXL2	14.62	39.25	0.37	chr1	1q42.2	83	1874	83.13	310.25
TNNT1	124.17	333.29	0.37	chr19	19q13.4	30	588	107.13	382.79
Hs.569654	9.25	24.84	0.37	chr16	N/A	1	304	0.00	46.18
Hs.633712	8.25	22.15	0.37	chr22	N/A	8	386	47.77	79.09
Hs.632591	8.08	21.69	0.37	chr4	N/A	3	326	32.81	102.92
SLC25A47	15.61	41.89	0.37	chr14	14q32.2	28	517	59.64	322.91
MFAP2	24.04	64.53	0.37	chr1	1p36.1-p35	36	569	82.26	94.08
IQCF1	12.91	34.65	0.37	chr3	3p21.2	30	716	93.32	207.58
LRRFIP1	101.13	271.50	0.37	chr2	2q37.3	87	3884	137.55	184.17
Hs.98684	19.56	52.52	0.37	chr17	N/A	10	73	60.33	143.45
Hs.461867	6.25	16.79	0.37	chr10	N/A	10	73	59.41	263.27
TTY2	12.06	32.37	0.37	chrY	Yp11.2	26	488	86.04	70.47
TLR2	17.86	47.95	0.37	chr4	4q32	41	648	66.74	79.60
Hs.550015	37.57	100.89	0.37	chr4	N/A	10	73	111.88	89.52
TMOD4	56.25	151.06	0.37	chr1	1q12	19	386	214.46	257.69
Hs.655690	12.48	33.53	0.37	chr7	N/A	8	377	68.78	53.20
Hs.666665	7.44	19.98	0.37	chr3	N/A	3	66	63.59	91.62
Hs.519005	5.91	15.88	0.37	chr4	N/A	6	392	80.58	257.53
Hs.672239	12.08	32.45	0.37	chr10	N/A	1	304	0.00	65.13
Hs.63311	12.30	33.05	0.37	chr14	N/A	4	304	56.98	39.01
Hs.661311	8.01	21.53	0.37	chr1	N/A	10	28	35.02	48.92
Hs.744344	11.78	31.66	0.37	chr3	N/A	10	28	31.62	39.30
FBXL2	18.21	48.92	0.37	chr3	3p22.3	35	620	74.52	82.37
Hs.670023	9.06	24.35	0.37	chr4	N/A	5	420	89.14	94.31
CNNM2	18.18	48.85	0.37	chr10	10q24.32	79	1840	123.04	76.67
Hs.664770	9.54	25.65	0.37	chr3	N/A	7	73	44.17	52.15
SLC7A8	33.62	90.37	0.37	chr14	14q11.2	63	2325	140.90	120.79
RNF39	27.31	73.39	0.37	chr6	6p21.3	31	545	90.70	86.11
Hs.432345	7.98	21.45	0.37	chr1	N/A	1	304	0.00	66.88
Hs.533659	18.38	49.41	0.37	chr10	N/A	12	112	145.69	130.08
PRCD	15.05	40.45	0.37	chr17	17q25.1	4	631	99.39	63.87
LOC646329	8.75	23.53	0.37	chr7	7q32.3	1	304	0.00	38.69
LINC00475	8.71	23.41	0.37	chr9	9q22.31	13	952	37.10	79.29
CELF6	20.09	54.04	0.37	chr15	15q24	24	442	88.93	85.44
Hs.551898	17.54	47.18	0.37	chr11	N/A	4	304	74.71	106.77
Hs.667456	6.71	18.05	0.37	chr7	N/A	2	22	12.54	58.45
Hs.537845	7.46	20.08	0.37	chr1	N/A	7	73	62.43	80.71
Hs.599494	12.97	34.91	0.37	chr22	N/A	7	73	93.23	102.91
DMGDH	15.16	40.78	0.37	chr5	5q14.1	36	534	143.91	434.44
Hs.705841	27.11	72.94	0.37	chr6	N/A	7	73	39.84	52.65
PCDH18	31.80	85.57	0.37	chr4	4q31	44	917	112.12	124.77
RNF113B	36.31	97.73	0.37	chr13	13q32.2	18	81	144.73	122.05
Hs.659732	8.09	21.77	0.37	chr8	N/A	7	73	67.50	79.92
DNAJB13	26.42	71.10	0.37	chr11	11q13.4	10	661	92.37	71.13
HAS3	12.76	34.35	0.37	chr16	16q22.1	41	740	108.09	130.35
BUB1B	16.74	45.06	0.37	chr15	15q15	30	565	54.37	159.41
Hs.570730	4.19	11.28	0.37	chr4	N/A	2	22	60.84	58.80
WDR89	21.69	58.41	0.37	chr14	14q23.2	44	1105	107.97	92.50
Hs.660837	12.10	32.57	0.37	chr14	N/A	6	409	95.08	58.96
Hs.664685	5.73	15.44	0.37	chr11	N/A	7	73	28.37	63.15
Hs.602110	27.13	73.08	0.37	chr6	N/A	7	73	45.50	114.79
BLOC1S2	75.06	202.17	0.37	chr10	10q24.31	37	445	69.93	62.23
RFPL3S	9.23	24.87	0.37	chr22	22q12.3	30	560	73.89	262.45
Hs.375081	6.45	17.36	0.37	chr17	N/A	11	332	39.25	108.21
KPTN	12.97	34.93	0.37	chr19	19q13.32	31	536	61.94	60.77

Hs.599383	7.46	20.09	0.37	chr4	N/A	1	305	0.00	50.75
Hs.98232	4.07	10.97	0.37	chr8	N/A	5	22	58.40	100.98
Hs.708181	59.25	159.66	0.37	chr6	N/A	7	73	58.24	57.48
Hs.656009	6.95	18.73	0.37	chr16	N/A	1	304	0.00	75.75
Hs.662815	17.62	47.48	0.37	chr18	N/A	1	304	0.00	43.30
LOC151174	13.95	37.60	0.37	chr2	2q37.3	23	464	53.97	62.91
Hs.664994	11.33	30.53	0.37	chr12	N/A	1	304	0.00	141.58
DUSP2	26.24	70.73	0.37	chr2	2q11	38	577	69.85	133.23
ARHGEF28	20.49	55.22	0.37	chr5	5q13.2	70	2234	135.32	74.28
Hs.663120	6.18	16.66	0.37	chr19	N/A	2	16	10.94	34.70
Hs.545196	5.65	15.23	0.37	chr8	N/A	2	22	23.99	128.50
Hs.667861	42.74	115.20	0.37	chr1	N/A	7	73	43.49	84.31
Hs.700766	23.71	63.90	0.37	chr3	N/A	7	73	50.43	66.40
FYB	22.43	60.46	0.37	chr5	5p13.1	69	2199	119.90	226.34
ARHGAP32	19.37	52.22	0.37	chr11	11q24.3	78	1876	89.47	90.15
OTC	9.04	24.37	0.37	chrX	Xp21.1	32	608	95.69	336.54
PRKX	23.61	63.66	0.37	chrX	Xp22.3	50	1104	59.43	87.10
IGLV3-19	12.45	33.58	0.37	chr22	22q11.2	5	420	66.02	122.08
CTNND1	87.43	235.77	0.37	chr11	11q11	95	1899	260.24	143.14
KANSL1	48.12	129.77	0.37	chr17	17q21.31	52	1114	157.37	128.25
Hs.726857	29.21	78.76	0.37	chr14	N/A	1	304	0.00	71.37
Hs.657050	9.07	24.45	0.37	chr15	N/A	6	355	57.87	101.04
HOXB4	18.22	49.15	0.37	chr17	17q21.32	34	416	47.88	56.43
CDH18	15.71	42.38	0.37	chr5	5p14.3	37	642	85.92	127.70
Hs.606256	3.79	10.23	0.37	chr10	N/A	1	304	0.00	237.61
KRTAP9-2	9.91	26.73	0.37	chr17	17q12-q21	14	334	75.30	105.52
NBL1	151.72	409.27	0.37	chr1	1p36.13	38	999	105.63	105.23
Hs.663929	12.06	32.53	0.37	chr17	N/A	1	304	0.00	54.04
Hs.735548	21.61	58.30	0.37	chr7	N/A	1	304	0.00	30.89
CEP85L	27.32	73.70	0.37	chr6	6q22	60	857	152.28	130.67
Hs.544517	6.92	18.67	0.37	chr6	N/A	7	73	51.37	80.66
ADAMTS12	15.38	41.50	0.37	chr5	5q35	39	858	133.29	74.35
METTL23	77.23	208.37	0.37	chr17	17q25.1	29	433	94.13	59.82
SPACA4	14.60	39.40	0.37	chr19	19q13.33	26	457	109.92	115.79
Hs.657130	10.63	28.68	0.37	chr17	N/A	8	377	83.27	68.47
HGSNAT	24.12	65.07	0.37	chr8	8p11.1	91	2198	96.66	164.20
MDS2	11.19	30.20	0.37	chr1	1p36	12	637	115.50	72.32
Hs.659585	15.73	42.45	0.37	chr5	N/A	7	73	97.02	53.72
Hs.569887	4.33	11.67	0.37	chr18	N/A	2	22	36.19	61.45
Hs.148567	9.14	24.68	0.37	chr14	N/A	5	22	78.91	102.37
BICD1	17.11	46.18	0.37	chr12	12p11.2-p11.1	116	2633	120.51	117.40
GPR34	22.39	60.44	0.37	chrX	Xp11.4	32	469	96.56	89.78
Hs.601628	16.21	43.77	0.37	chr9	N/A	8	377	87.07	73.28
Hs.731861	24.10	65.09	0.37	chr18	N/A	1	304	0.00	46.11
Hs.634986	7.17	19.35	0.37	chr6	N/A	7	73	56.33	76.64
LOC100506585	11.16	30.14	0.37	chr7	N/A	1	304	0.00	47.18
XPOT	49.51	133.73	0.37	chr12	12q14.2	40	604	141.62	69.23
FRMD8	28.02	75.69	0.37	chr11	11q13	51	1489	106.22	100.71
Hs.596700	7.31	19.76	0.37	chr1	N/A	8	377	86.72	53.34
Hs.385528	19.09	51.58	0.37	chr21	N/A	1	304	0.00	96.69
PER2	33.61	90.80	0.37	chr2	2q37.3	55	1093	155.51	118.32
CYFIP1	98.02	264.86	0.37	chr15	15q11	39	572	80.89	56.39
Hs.715716	7.37	19.92	0.37	chr10	N/A	1	304	0.00	88.98
Hs.586725	6.43	17.37	0.37	chr11	N/A	1	304	0.00	69.89
Hs.591168	6.36	17.20	0.37	chr17	N/A	1	304	0.00	56.49
Hs.374255	6.21	16.79	0.37	chr11	N/A	10	73	58.37	93.80
DGKZ	46.59	125.91	0.37	chr11	11p11.2	46	601	105.73	104.44
FAM105A	10.90	29.46	0.37	chr5	5p15.2	63	1435	83.42	88.70
Hs.729668	14.06	38.01	0.37	chr17	N/A	1	304	0.00	49.67
Hs.622425	11.88	32.10	0.37	chr3	N/A	2	608	25.71	75.99
SLFN1	16.17	43.70	0.37	chr1	1p34.2	53	890	188.33	168.94
IL20RB	41.81	113.05	0.37	chr3	3q22.3	19	384	206.82	144.13
MLF1IP	25.72	69.54	0.37	chr4	4q35.1	44	1284	118.95	392.13
DNAJB14	37.17	100.54	0.37	chr4	4q23	58	950	90.64	67.86
Hs.593693	7.09	19.17	0.37	chr10	N/A	7	73	74.81	133.73
LOC100505650	13.93	37.68	0.37	chr1	N/A	12	856	67.87	85.78
Hs.656152	12.19	32.99	0.37	chr6	N/A	9	681	75.94	218.53
DPF1	13.63	36.87	0.37	chr19	19q13.2	29	850	78.32	85.78
OR13G1	31.13	84.23	0.37	chr1	1q44	8	52	74.60	61.36
Hs.569669	9.75	26.38	0.37	chr16	N/A	1	304	0.00	37.74
PNLIPRP3	9.16	24.79	0.37	chr10	10q25.3	9	356	102.90	232.23
EGFLAM-AS2	4.89	13.24	0.37	chr5	5p13.2	8	377	66.12	128.60
Hs.561207	6.68	18.09	0.37	chr3	N/A	8	377	91.76	217.99
Hs.737452	18.93	51.23	0.37	chr3	N/A	8	377	60.88	62.95
CP	37.58	101.74	0.37	chr3	3q23-q25	52	2055	146.02	425.27
ANO10	29.81	80.70	0.37	chr3	3p22.1	20	512	65.81	64.55
SEPT10	59.49	161.06	0.37	chr2	2q13	44	935	118.01	103.77
Hs.733630	7.69	20.83	0.37	chr18	N/A	1	304	0.00	101.24
ATP4B	11.66	31.57	0.37	chr13	13q34	34	1100	83.90	580.30
Hs.656376	8.98	24.30	0.37	chr3	N/A	1	304	0.00	35.01
SLC30A7	25.93	70.19	0.37	chr1	1p21.2	60	1257	114.59	95.63
AOX1	52.18	141.28	0.37	chr2	2q33	35	988	96.62	266.19
FSD1	13.23	35.82	0.37	chr19	19p13.3	41	501	108.75	109.27
Hs.571023	9.49	25.70	0.37	chr5	N/A	1	304	0.00	47.59
KRTAP4-3	4.94	13.38	0.37	chr17	17q12-q21	14	332	56.37	88.41
BARHL1	14.95	40.49	0.37	chr9	9q34	29	416	119.60	96.20
Hs.610260	12.40	33.58	0.37	chr1	N/A	10	28	28.72	59.56
Hs.656486	5.72	15.48	0.37	chr10	N/A	7	73	30.49	100.05
SLC22A12	18.38	49.77	0.37	chr11	11q13.1	39	542	179.14	239.67
Hs.369782	7.24	19.61	0.37	chr2	N/A	8	377	54.56	52.33
RSPO3	29.70	80.50	0.37	chr6	6q22.33	45	582	237.34	134.99
TNRC6A	37.80	102.45	0.37	chr16	16p11.2	104	2479	144.67	86.73
Hs.660906	13.78	37.35	0.37	chrX	N/A	7	73	64.98	57.46

DAW1	9.96	26.99	0.37	chr2	2q36.3	30	568	157.69	178.61
MTUS2-AS1	8.15	22.09	0.37	chr13	13q12.3	4	308	69.28	49.93
Hs.662315	12.88	34.93	0.37	chr8	N/A	7	73	68.80	113.76
TMBIM4	194.65	527.79	0.37	chr12	12q14.1-q15	50	1271	160.18	78.93
SLC25A33	50.75	137.60	0.37	chr1	1p36.22	26	457	68.74	147.57
Hs.553287	7.14	19.37	0.37	chr9	N/A	7	73	54.57	88.71
Hs.721036	5.72	15.51	0.37	chr11	N/A	3	66	120.07	81.29
Hs.644297	18.75	50.85	0.37	chr2	N/A	5	420	82.23	49.75
CELF3	12.39	33.61	0.37	chr1	1q21	35	994	94.45	127.04
VGLL4	67.31	182.58	0.37	chr3	3p25.3	56	1173	115.30	82.80
Hs.607412	5.18	14.05	0.37	chr11	N/A	1	304	0.00	57.25
Hs.543284	16.52	44.81	0.37	chr3	N/A	7	73	71.84	64.26
Hs.595196	3.99	10.82	0.37	chr3	N/A	1	304	0.00	78.42
Hs.734033	9.80	26.60	0.37	chr13	N/A	5	934	99.74	113.96
Hs.714410	159.43	432.62	0.37	chr7	N/A	7	73	66.41	63.08
Hs.535223	4.62	12.53	0.37	chr1	N/A	7	73	26.56	71.89
GAK	54.91	149.02	0.37	chr4	4p16	69	1535	151.73	108.50
PNPLA8	54.38	147.58	0.37	chr7	7q31	61	1272	115.43	54.69
PPP6R2	31.14	84.53	0.37	chr22	22q13.33	68	1398	196.54	95.15
PLGLB1	23.49	63.76	0.37	chr2	2p11.2	50	776	97.75	237.37
TSNAXIP1	18.05	48.99	0.37	chr16	16q22.1	21	451	125.33	85.40
Hs.714870	8.39	22.78	0.37	chr5	N/A	8	377	61.77	70.72
KRTAP17-1	9.43	25.59	0.37	chr17	17q12-q21	19	384	48.51	77.93
Hs.634819	7.18	19.51	0.37	chr7	N/A	1	304	0.00	80.20
Hs.597910	21.89	59.43	0.37	chr4	N/A	15	85	38.58	74.91
LRRC66	6.09	16.53	0.37	chr4	4q12	4	304	55.59	77.86
CYP3A7	16.47	44.73	0.37	chr7	7q21-q22.1	59	1624	161.60	342.84
BRD4	42.50	115.45	0.37	chr19	19p13.1	82	2246	120.84	139.42
Hs.529553	7.52	20.43	0.37	chr3	N/A	15	450	50.68	151.07
Hs.666005	9.86	26.78	0.37	chr5	N/A	2	22	63.10	83.89
LOC100287497	43.26	117.53	0.37	chr1	1q42.11	2	52	8.94	82.59
NR2F2	70.95	192.75	0.37	chr15	15q26	122	3451	104.39	155.51
SGPP1	25.51	69.30	0.37	chr14	14q23.2	29	830	104.87	92.47
OR1M1	4.22	11.47	0.37	chr19	19p13.2	8	52	26.17	57.18
Hs.144314	8.62	23.43	0.37	chr11	N/A	6	326	32.07	71.90
Hs.743656	6.07	16.49	0.37	chr1	N/A	9	95	47.76	95.21
WNT10B	14.36	39.03	0.37	chr12	12q13	32	613	82.12	89.88
Hs.602639	4.22	11.46	0.37	chr10	N/A	5	51	24.71	73.34
WDR96	5.63	15.31	0.37	chr10	10q25.1	77	1622	94.52	422.80
Hs.514980	9.86	26.81	0.37	chr18	N/A	8	377	85.08	79.35
Hs.571168	9.90	26.91	0.37	chr6	N/A	3	326	73.27	105.25
DDN	19.38	52.68	0.37	chr12	12q13.12	27	563	80.67	194.27
GPR89A	35.73	97.13	0.37	chr1	1q21.1	19	802	71.41	55.69
Hs.222221	64.17	174.43	0.37	chr7	N/A	7	73	70.10	205.10
Hs.667840	8.48	23.05	0.37	chr2	N/A	7	73	63.34	215.65
Hs.673636	10.50	28.54	0.37	chr14	N/A	1	304	0.00	76.16
Hs.666840	5.64	15.32	0.37	chr6	N/A	7	73	44.47	94.44
Hs.710057	5.03	13.67	0.37	chr14	N/A	5	51	61.11	79.65
LY6G6F	11.50	31.27	0.37	chr6	6p21	14	332	38.04	67.89
Hs.596194	21.87	59.46	0.37	chr7	N/A	7	73	81.84	149.76
DUOXA2	14.43	39.23	0.37	chr15	15q15.1	28	478	67.20	119.55
Hs.660696	36.51	99.28	0.37	chr12	N/A	1	304	0.00	54.21
CXCR1	12.19	33.16	0.37	chr2	2q35	18	471	52.35	132.28
LOC100506563	8.28	22.51	0.37	chr2	N/A	1	304	0.00	95.46
CYB561	45.47	123.69	0.37	chr17	17q23.3	90	2471	80.84	88.76
Hs.551296	4.98	13.54	0.37	chr9	N/A	1	304	0.00	68.98
CXorf38	20.28	55.17	0.37	chrX	Xp11.4	40	754	84.33	54.35
CBR1	47.24	128.55	0.37	chr21	21q22.13	30	577	58.50	101.91
Hs.661605	10.76	29.29	0.37	chr19	N/A	21	582	59.06	85.01
Hs.660178	12.04	32.78	0.37	chr9	N/A	11	332	28.95	60.59
Hs.656239	5.73	15.59	0.37	chr1	N/A	7	73	65.60	77.15
Hs.112720	8.24	22.42	0.37	chr18	N/A	20	101	108.62	189.82
Hs.654969	39.62	107.84	0.37	chr2	N/A	1	304	0.00	35.23
Hs.592859	143.20	389.85	0.37	chr1	N/A	7	73	71.22	87.29
SH2D3A	7.67	20.88	0.37	chr19	19p13.3	21	462	43.51	80.12
Hs.603327	3.06	8.33	0.37	chr12	N/A	1	304	0.00	65.58
OR5A2	18.21	49.59	0.37	chr11	11q12.1	8	52	128.30	62.48
Hs.660228	12.11	32.97	0.37	chr6	N/A	7	73	39.97	53.77
CACNG7	10.26	27.94	0.37	chr19	19q13.4	22	351	51.87	236.20
Hs.600714	10.35	28.20	0.37	chr6	N/A	7	73	79.17	165.85
CCDC170	9.75	26.55	0.37	chr6	6q25.1	35	601	88.40	119.83
Hs.126598	4.03	10.97	0.37	chr3	N/A	5	51	8.40	228.64
SETBP1	30.10	81.99	0.37	chr18	18q21.1	50	1009	133.91	76.83
Hs.600733	11.77	32.07	0.37	chr11	N/A	7	73	57.14	76.81
LOC400099	48.53	132.20	0.37	chr13	13q12.11	5	16	75.59	89.61
Hs.655823	8.25	22.47	0.37	chr14	N/A	1	304	0.00	59.59
Hs.656972	4.03	10.97	0.37	chr1	N/A	1	304	0.00	70.10
DOK3	15.68	42.73	0.37	chr5	5q35.3	43	875	93.25	193.47
SAMD3	6.43	17.51	0.37	chr6	6q23.1	44	740	46.20	104.08
PTPN7	19.76	53.84	0.37	chr1	1q32.1	46	940	102.39	102.96
OR5M11	34.60	94.34	0.37	chr11	11q12.1	5	52	136.11	60.25
TPSB2	50.53	137.76	0.37	chr16	16p13.3	16	436	106.93	113.82
C6orf62	101.66	277.16	0.37	chr6	6p22.3	50	628	86.68	76.84
RYBP	65.00	177.22	0.37	chr3	3p13	81	1692	155.40	60.49
Hs.118947	19.57	53.35	0.37	chr1	N/A	17	101	41.76	54.80
NUDT5	46.48	126.73	0.37	chr10	10p14	28	491	96.58	67.13
CIQL4	17.29	47.16	0.37	chr12	12q13.12	8	53	158.10	69.71
Hs.732763	8.57	23.37	0.37	chr16	N/A	7	73	46.95	118.71
SNHG7	30.06	81.98	0.37	chr9	9q34.3	49	1228	129.18	104.30
LOC100130502	15.64	42.68	0.37	chr2	2p21	1	304	0.00	58.12
Hs.293184	11.95	32.60	0.37	chr5	N/A	4	304	79.83	115.18
Hs.733115	8.82	24.07	0.37	chr5	N/A	1	304	0.00	63.51
ITK	18.40	50.21	0.37	chr5	5q31-q32	40	616	100.14	173.74

MAST3	27.05	73.82	0.37	chr19	19p13.11	27	572	77.02	81.10
Hs.517052	5.56	15.18	0.37	chr20	N/A	7	73	52.40	81.35
PLACL1L	15.30	41.77	0.37	chr11	11q12.1	21	436	214.87	214.07
A2ML1	46.78	127.68	0.37	chr12	12p13.31	22	741	111.41	247.00
FLNB	57.86	157.93	0.37	chr3	3p14.3	54	1150	118.31	99.00
NELFA	28.97	79.08	0.37	chr4	4p16.3	50	1088	68.29	211.29
FAM205B	10.00	27.30	0.37	chr9	9p13.2	11	377	57.61	62.07
Hs.166270	6.93	18.92	0.37	chr1	N/A	7	73	75.80	122.70
AFF1	49.73	135.81	0.37	chr4	4q21	79	1675	177.95	154.25
FOXP1	77.75	212.35	0.37	chr3	3p14.1	136	2916	205.47	136.31
Hs.730004	4.77	13.04	0.37	chr14	N/A	1	304	0.00	48.33
Hs.658774	14.66	40.06	0.37	chr15	N/A	7	73	62.30	54.19
FCGR3B	29.00	79.23	0.37	chr1	1q23	30	951	78.82	294.11
C9orf57	7.04	19.23	0.37	chr9	9q21.13	21	409	128.82	302.71
DGCR5	8.88	24.28	0.37	chr22	22q11	24	748	87.56	77.69
CRYGD	11.13	30.41	0.37	chr2	2q33.3	33	525	92.10	67.68
Hs.666721	3.94	10.76	0.37	chr18	N/A	3	320	14.89	59.42
Hs.147375	13.10	35.82	0.37	chr11	N/A	4	304	58.33	102.23
Hs.609438	8.86	24.22	0.37	chr12	N/A	9	28	42.09	69.99
PRSS22	28.12	76.86	0.37	chr16	16p13.3	23	496	108.58	99.96
Hs.684139	16.29	44.54	0.37	chr17	N/A	1	304	0.00	76.43
Hs.660555	4.51	12.33	0.37	chr6	N/A	15	450	65.59	108.11
RSRC1	21.06	57.58	0.37	chr3	3q25.32	34	856	76.29	81.70
EEF1B2	437.99	1,197.58	0.37	chr2	2q33.3	51	538	96.21	54.58
C9orf135	8.52	23.30	0.37	chr9	9q21.12	41	862	61.16	215.87
Hs.145141	5.24	14.32	0.37	chr4	N/A	2	22	13.24	99.70
SLC29A4	27.61	75.49	0.37	chr7	7p22.1	27	417	117.52	189.43
FAM134C	104.48	285.82	0.37	chr17	17q21.2	42	641	173.18	68.89
Hs.660226	15.30	41.85	0.37	chrX	N/A	8	377	111.66	1,103.62
Hs.649369	4.70	12.85	0.37	chr9	N/A	2	22	16.46	52.14
Hs.602137	10.00	27.36	0.37	chr11	N/A	1	304	0.00	91.28
Hs.17892	5.48	15.01	0.37	chr15	N/A	11	377	50.69	69.42
SHROOM1	24.75	67.73	0.37	chr5	5q31.1	45	1168	78.98	132.89
ADCY2	16.98	46.48	0.37	chr5	5p15.3	56	1911	109.62	217.59
PIAS1	48.38	132.43	0.37	chr15	15q	68	892	93.41	79.93
Hs.669865	5.30	14.50	0.37	chr17	N/A	1	304	0.00	43.99
FGF6	12.24	33.49	0.37	chr12	12p13	26	495	58.42	100.98
PPAPDC1B	41.63	113.95	0.37	chr8	8p11.23	49	1482	184.64	111.35
Hs.562110	6.10	16.69	0.37	chr1	N/A	7	73	31.02	100.59
Hs.661803	14.44	39.53	0.37	chr22	N/A	18	405	143.51	66.48
Hs.566567	5.68	15.55	0.37	chr6	N/A	2	22	23.28	79.99
Hs.597555	100.77	275.98	0.37	chr11	N/A	7	73	72.05	79.77
S1PR5	7.71	21.13	0.37	chr19	19p13.2	36	1161	79.50	140.55
Hs.638426	7.65	20.95	0.37	chr3	N/A	1	304	0.00	55.35
FOXC1	95.50	261.56	0.37	chr6	6p25	56	994	122.85	230.25
MEN1	30.56	83.72	0.37	chr11	11q13	49	601	82.31	45.23
ERIC1-AS1	11.17	30.59	0.37	chr8	8p23.3	19	709	86.45	77.22
KRTAP4-6	10.00	27.41	0.36	chr17	17q12-q21	11	344	119.30	64.17
Hs.668278	5.45	14.94	0.36	chr14	N/A	2	22	18.15	55.54
YTHDC2	16.67	45.68	0.36	chr5	5q22.2	55	1859	107.01	94.36
LOC100506312	9.62	26.37	0.36	chr7	N/A	1	304	0.00	61.10
Hs.666475	5.76	15.78	0.36	chr10	N/A	7	73	48.95	79.12
IGH	171.53	470.29	0.36	chr14	14q32.33	108	2556	248.58	347.20
DSCR8	11.22	30.75	0.36	chr21	21q22.2	32	459	84.81	290.80
Hs.644803	38.78	106.34	0.36	chr4	N/A	8	12	11.56	11.05
ABL2	17.72	48.58	0.36	chr1	1q25.2	59	1317	99.66	62.82
RPSA	760.21	2,084.79	0.36	chr3	3p22.2	55	684	156.04	78.43
Hs.595233	13.35	36.61	0.36	chr20	N/A	10	985	60.83	77.72
GALNT10	19.23	52.77	0.36	chr5	5q33.2	91	1632	96.35	119.54
MYEF2	16.72	45.87	0.36	chr15	15q21.1	35	2089	113.32	132.77
MAPK6	69.30	190.17	0.36	chr15	15q21	47	678	117.59	76.11
LOC100506317	6.10	16.74	0.36	chr2	N/A	15	50	41.65	177.43
Hs.733557	6.79	18.63	0.36	chr5	N/A	7	73	50.01	134.48
CYSLTR2	9.54	26.18	0.36	chr13	13q14.2	21	453	67.94	66.27
AADAT	16.55	45.42	0.36	chr4	4q33	49	615	70.23	96.46
Hs.667785	18.42	50.56	0.36	chr16	N/A	11	697	46.77	90.15
KIAA0556	38.42	105.50	0.36	chr16	16p12.1	47	672	134.35	73.97
Hs.659616	29.88	82.03	0.36	chr3	N/A	7	73	63.31	79.91
KEL	16.78	46.06	0.36	chr7	7q33	32	599	97.50	137.44
JAG1	57.81	158.74	0.36	chr20	20p12.1-p11.2	55	2253	118.19	151.23
HHEX	24.91	68.42	0.36	chr10	10q23.33	35	996	74.87	185.16
RAB26	21.41	58.81	0.36	chr16	16p13.3	33	957	76.71	99.26
Hs.603238	6.19	16.99	0.36	chr15	N/A	2	22	65.00	75.73
Hs.733914	3.56	9.77	0.36	chr7	N/A	2	39	18.48	225.13
ELMOD3	34.77	95.54	0.36	chr2	2p11.2	35	497	99.30	98.04
TSPAN33	29.41	80.81	0.36	chr7	7q32.1	43	473	125.53	82.71
NKX2-2	9.82	26.99	0.36	chr20	20p11.22	30	586	156.34	281.29
Hs.554818	6.32	17.36	0.36	chr21	N/A	7	73	71.80	82.52
STARD3	20.66	56.78	0.36	chr17	17q11-q12	40	605	58.81	60.35
OR6C4	14.47	39.77	0.36	chr12	12q13.2	5	52	77.52	60.02
STAG3L1	31.30	86.03	0.36	chr7	7q11.23	46	890	117.84	90.06
KAZN	37.12	102.00	0.36	chr1	1p36.21	78	1964	161.99	174.34
ZC3H12A	25.39	69.77	0.36	chr1	1p34.3	28	533	59.18	97.00
CRISPLD1	20.23	55.60	0.36	chr8	8q21.11	36	538	117.93	172.69
Hs.147598	5.23	14.37	0.36	chr12	N/A	2	22	32.95	65.43
ACTG1	1,269.51	3,489.29	0.36	chr17	17q25	82	3804	87.96	36.95
ZNF654	14.21	39.05	0.36	chr3	3p11.1	35	1068	83.85	67.07
Hs.687027	4.26	11.70	0.36	chr2	N/A	1	304	0.00	58.36
PROL1	15.97	43.92	0.36	chr4	4q13.3	23	495	112.90	278.06
NIPSNAP1	54.83	150.75	0.36	chr22	22q12.2	45	1037	75.72	88.50
DAZAP1	65.58	180.33	0.36	chr19	19p13.3	44	1251	103.68	67.08
Hs.719973	68.08	187.24	0.36	chr14	N/A	5	425	144.96	103.79
Hs.534473	7.17	19.72	0.36	chr22	N/A	10	28	76.69	52.61

Hs.591091	6.05	16.64	0.36	chr9	N/A	1	304	0.00	41.94
TRIM62	15.94	43.84	0.36	chr1	1p35.1	63	1036	64.91	51.58
Hs.520677	5.93	16.30	0.36	chr7	N/A	3	66	28.77	94.88
ANKRD28	26.87	73.93	0.36	chr3	3p25.1	57	1646	85.40	84.16
CYB5R2	40.13	110.40	0.36	chr11	11p15.4	31	539	90.91	215.62
IZUMO4	29.58	81.39	0.36	chr19	19p13.3	53	1047	120.04	433.25
Hs.660495	4.66	12.81	0.36	chr17	N/A	2	22	29.77	66.18
Hs.604134	4.58	12.60	0.36	chr4	N/A	7	73	36.55	181.58
UTP23	30.84	84.86	0.36	chr8	8q24.11	38	1347	81.18	340.91
SAMD5	11.79	32.43	0.36	chr6	6q24.3	23	1013	50.25	104.93
RPL39	1,238.62	3,408.74	0.36	chrX	Xq24	36	532	78.44	57.82
LOC401021	4.45	12.26	0.36	chr2	2q31.1	10	28	47.95	92.35
PRKAR2A	71.45	196.67	0.36	chr3	3p21.3-p21.2	75	1839	178.56	90.17
Hs.656379	37.15	102.27	0.36	chr3	N/A	1	304	0.00	64.91
Hs.511367	4.78	13.16	0.36	chr15	N/A	5	51	35.54	214.26
OR2AE1	34.98	96.29	0.36	chr7	7q22.1	5	52	94.41	43.13
Hs.154299	40.05	110.28	0.36	chr5	N/A	7	73	60.44	256.49
C1orf229	76.76	211.34	0.36	chr1	1q44	13	28	36.65	64.89
KIAA1731	14.99	41.29	0.36	chr11	11q21	28	1418	88.35	87.03
Hs.661050	22.19	61.09	0.36	chr8	N/A	7	73	58.04	158.61
Hs.350698	22.56	62.13	0.36	chr2	N/A	18	405	76.78	429.13
TCF19	17.93	49.37	0.36	chr6	6p21.3	42	492	136.21	63.91
ZNF264	27.60	76.02	0.36	chr19	19q13.4	32	1185	83.38	69.55
Hs.569417	7.10	19.57	0.36	chr15	N/A	1	304	0.00	62.81
Hs.596703	8.01	22.08	0.36	chr1	N/A	10	28	28.62	34.13
STON1	32.07	88.36	0.36	chr2	2p16.3	31	678	68.35	101.75
RSPH3	33.68	92.79	0.36	chr6	6q25.3	27	773	94.87	143.99
Hs.618590	11.14	30.69	0.36	chr2	N/A	10	28	25.77	58.29
CDH3	25.79	71.05	0.36	chr16	16q22.1	25	534	74.29	119.63
OR1G1	7.41	20.42	0.36	chr17	17p13.3	21	453	55.30	77.42
Hs.667011	24.36	67.14	0.36	chr12	N/A	7	73	83.56	100.57
RNF13	97.70	269.30	0.36	chr3	3q25.1	61	1171	158.77	153.80
TBPL2	11.22	30.92	0.36	chr14	14q22.3	8	52	39.17	65.96
APOL6	22.55	62.17	0.36	chr22	22q12.3	54	1456	91.90	95.39
Hs.598106	30.21	83.28	0.36	chr10	N/A	1	304	0.00	68.96
Hs.635271	4.08	11.25	0.36	chr4	N/A	1	304	0.00	109.02
Hs.544667	12.79	35.26	0.36	chr6	N/A	7	73	52.48	109.75
LOC100862671	13.18	36.35	0.36	chr16	16p	14	146	54.11	79.08
DLG5	48.93	134.96	0.36	chr10	10q23	54	1142	153.95	143.11
Hs.715871	16.15	44.55	0.36	chr1	N/A	1	304	0.00	46.05
KNSTRN	32.06	88.44	0.36	chr15	15q15.1	24	417	62.50	243.60
Hs.665135	30.10	83.03	0.36	chr1	N/A	1	304	0.00	80.13
Hs.673002	14.70	40.56	0.36	chr3	N/A	11	332	74.66	117.71
Hs.668408	11.36	31.33	0.36	chr12	N/A	5	608	78.69	126.02
TNFSF13B	25.10	69.24	0.36	chr13	13q32-q34	30	741	87.65	98.38
LOC644617	21.13	58.32	0.36	chr2	2q12.1	21	405	64.86	58.39
Hs.677057	4.13	11.40	0.36	chr7	N/A	1	304	0.00	68.08
LOC100130428	8.41	23.22	0.36	chr11	11q24.2	18	405	24.08	147.55
Hs.667310	6.60	18.22	0.36	chr4	N/A	7	73	63.56	79.31
TFAP2D	6.08	16.79	0.36	chr6	6p12.1	14	333	79.20	51.83
Hs.666967	12.26	33.83	0.36	chr12	N/A	14	146	71.99	123.50
Hs.368894	7.49	20.66	0.36	chr16	N/A	10	73	69.96	146.82
THSD7A	16.03	44.24	0.36	chr7	7p21.3	73	1851	195.23	132.73
RNF185	26.54	73.26	0.36	chr22	22q12.2	47	852	104.51	111.27
Hs.597719	20.60	56.87	0.36	chr4	N/A	10	28	15.94	74.00
LOC100133091	9.83	27.14	0.36	chr7	7q11.23	10	28	21.20	47.00
Hs.261314	14.98	41.39	0.36	chr8	N/A	10	73	72.62	161.84
FKBP1B	27.74	76.62	0.36	chr2	2p23.3	28	923	65.41	210.12
LGI1	10.67	29.46	0.36	chr10	10q24	33	570	118.62	188.76
PRTN3	20.00	55.25	0.36	chr19	19p13.3	30	576	95.14	519.42
Hs.706025	51.80	143.10	0.36	chr13	N/A	7	459	121.79	91.97
Hs.128828	9.52	26.30	0.36	chr21	N/A	4	304	71.31	49.87
ALDH18A1	52.94	146.28	0.36	chr10	10q24.3	46	943	123.27	189.85
CYP11B2	13.89	38.37	0.36	chr8	8q21-q22	23	502	102.85	149.48
SLC6A16	18.45	50.97	0.36	chr19	19q13.33	29	832	70.26	203.44
ENPP5	20.25	55.97	0.36	chr6	6p21.1-p11.2	27	737	71.59	152.45
MAML3	11.03	30.49	0.36	chr4	4q28	36	1241	90.80	100.09
LOC400684	11.81	32.64	0.36	chr19	19q13.11	18	405	89.56	159.84
FLJ31713	6.68	18.48	0.36	chr9	9q32	11	332	46.59	49.74
Hs.731957	10.27	28.38	0.36	chr6	N/A	7	73	47.72	69.37
SERPINB9	28.61	79.10	0.36	chr6	6p25	66	1409	97.48	129.26
Hs.208717	5.79	16.02	0.36	chr5	N/A	4	308	80.27	61.15
FANCD2OS	23.37	64.61	0.36	chr3	3p25.3	36	530	236.50	118.94
Hs.733934	5.23	14.45	0.36	chr1	N/A	7	73	30.23	77.09
Hs.666891	16.48	45.57	0.36	chr8	N/A	16	754	102.41	74.00
CYP2C18	16.85	46.58	0.36	chr10	10q24	28	917	104.63	186.78
Hs.662682	9.44	26.10	0.36	chr17	N/A	8	377	68.18	55.82
Hs.657834	6.58	18.18	0.36	chr4	N/A	3	326	28.27	71.73
SIM2	9.90	27.38	0.36	chr21	21q22.13	50	1065	100.29	105.25
Hs.539354	14.90	41.19	0.36	chr12	N/A	10	73	77.16	155.60
Hs.97406	12.15	33.58	0.36	chr7	N/A	6	326	53.59	75.25
Hs.664018	7.22	19.96	0.36	chr18	N/A	7	73	47.49	143.50
GDAP1	15.56	43.03	0.36	chr8	8q21.11	36	1138	302.88	144.55
Hs.608666	22.89	63.29	0.36	chr3	N/A	5	420	121.59	68.88
AGMO	14.80	40.93	0.36	chr7	7p21.2	16	28	44.62	112.02
OR5C1	16.60	45.92	0.36	chr9	9q33.2	8	52	95.11	57.93
MYOT	70.45	194.88	0.36	chr5	5q31	28	532	158.73	385.10
Hs.733756	22.11	61.17	0.36	chr6	N/A	1	304	0.00	69.17
Hs.602764	8.02	22.19	0.36	chr1	N/A	7	73	47.45	62.58
TAF5L	21.79	60.30	0.36	chr1	1q42.13	47	898	78.62	71.27
Hs.502355	6.13	16.98	0.36	chr19	N/A	7	73	27.07	79.66
Hs.649287	14.66	40.56	0.36	chr14	N/A	10	73	74.47	129.22
NAPSA	22.65	62.69	0.36	chr19	19q13.33	48	590	105.44	207.96

Hs.666813	3.53	9.76	0.36	chr1	N/A	7	73	59.17	89.50
Hs.601247	7.09	19.62	0.36	chr10	N/A	7	73	68.77	56.33
NPY5R	12.84	35.52	0.36	chr4	4q31-q32	35	510	124.89	83.49
Hs.126964	9.04	25.02	0.36	chr15	N/A	10	73	52.87	114.56
LOC100505716	4.75	13.15	0.36	chr2	2p23	1	304	0.00	57.25
Hs.719698	68.12	188.56	0.36	chr4	N/A	17	101	106.17	68.69
NEK1	21.08	58.34	0.36	chr4	4q33	98	2516	110.95	202.69
Hs.635096	9.93	27.50	0.36	chr4	N/A	7	73	73.14	75.79
SCGB1D2	12.69	35.14	0.36	chr11	11q13	23	497	73.03	377.08
Hs.562142	5.65	15.64	0.36	chr1	N/A	2	22	45.31	75.26
Hs.665960	8.70	24.09	0.36	chr20	N/A	22	523	155.44	85.29
Hs.674822	11.43	31.65	0.36	chr9	N/A	5	420	17.47	71.80
Hs.144714	4.19	11.62	0.36	chr10	N/A	2	22	13.49	49.50
NSAP11	3.76	10.40	0.36	chr8	8p22	1	304	0.00	52.00
Hs.713211	3.47	9.62	0.36	chr7	N/A	10	28	33.00	110.28
PLSCR4	74.13	205.34	0.36	chr3	3q24	21	465	73.12	77.51
KIF3B	45.13	125.01	0.36	chr20	20q11.21	61	1010	188.66	69.72
Hs.707273	62.21	172.35	0.36	chr12	N/A	12	498	86.28	88.58
Hs.661764	24.49	67.86	0.36	chr3	N/A	8	377	98.10	67.45
Hs.179724	8.49	23.53	0.36	chr1	N/A	11	377	60.03	77.80
Hs.665093	5.31	14.72	0.36	chr5	N/A	7	73	74.35	88.14
ZNF236	22.96	63.61	0.36	chr18	18q22-q23	50	1058	96.59	99.99
Hs.648920	11.81	32.74	0.36	chr16	N/A	4	630	139.08	93.60
KIF1A	38.65	107.11	0.36	chr2	2q37.3	49	1322	152.03	247.38
Hs.657611	5.36	14.86	0.36	chr2	N/A	8	377	67.92	67.49
CYP2A6	41.75	115.71	0.36	chr19	19q13.2	49	1553	127.14	328.21
DBX1	10.56	29.25	0.36	chr11	11p15.1	5	52	90.40	81.91
PIK3CD	28.51	79.03	0.36	chr1	1p36.2	78	1347	118.63	197.15
Hs.599851	34.26	94.95	0.36	chr7	N/A	10	28	59.30	39.04
ATP13A4	9.34	25.89	0.36	chr3	3q29	41	1166	132.07	100.95
MSL1	72.27	200.37	0.36	chr17	17q21.1	49	1354	99.83	77.16
OR5AR1	54.65	151.52	0.36	chr11	11q12.1	11	52	174.87	54.09
Hs.443239	11.16	30.94	0.36	chr3	N/A	11	377	49.84	79.87
FGFR2	14.43	40.01	0.36	chr10	10q26	132	5370	131.49	186.19
ZFP28	12.50	34.65	0.36	chr19	N/A	63	1572	100.39	92.56
GDA	18.00	49.92	0.36	chr9	9q21.13	56	988	173.06	339.81
Hs.670691	22.04	61.10	0.36	chr4	N/A	4	304	49.92	64.30
Hs.648505	7.12	19.73	0.36	chr16	N/A	24	174	65.00	81.01
Hs.149229	7.03	19.49	0.36	chr14	N/A	1	304	0.00	69.57
Hs.667200	7.04	19.52	0.36	chr4	N/A	2	22	42.90	106.28
GSG2	14.03	38.92	0.36	chr17	17p13	27	361	70.63	49.04
ZBTB41	21.28	59.04	0.36	chr1	1q31.3	46	513	144.41	86.11
XRCC2	33.77	93.70	0.36	chr7	7q36.1	39	523	157.11	63.92
GOLGA8B	89.14	247.38	0.36	chr15	15q14	69	839	163.39	161.09
PLIN1	77.89	216.15	0.36	chr15	15q26	30	573	68.27	371.17
MOV10	22.48	62.39	0.36	chr1	1p13.2	27	773	90.10	62.02
SPATA18	13.35	37.05	0.36	chr4	4q12	42	807	61.68	216.18
HCG27	8.01	22.24	0.36	chr6	6p21.33	14	332	34.06	71.54
Hs.733472	38.48	106.82	0.36	chr7	N/A	7	73	35.26	53.63
Hs.668300	7.83	21.75	0.36	chr5	N/A	1	304	0.00	69.55
MB21D2	23.47	65.14	0.36	chr3	3q29	29	413	112.84	65.00
C17orf103	20.32	56.42	0.36	chr17	17p11.2	24	703	105.11	78.05
C16orf82	14.64	40.65	0.36	chr16	16p12.1	32	382	149.33	281.25
TRIM59	12.91	35.86	0.36	chr3	3q25.33	37	789	104.36	107.01
FMO3	17.21	47.78	0.36	chr1	1q24.3	41	949	102.25	370.36
Hs.702903	7.15	19.86	0.36	chr3	N/A	8	12	19.16	59.12
Hs.368523	5.81	16.13	0.36	chr4	N/A	6	66	49.98	90.48
Hs.470117	3.38	9.40	0.36	chr2	N/A	2	22	52.98	62.58
SAMD11	26.39	73.30	0.36	chr1	1p36.33	27	405	99.14	67.79
GPATCH2L	19.63	54.52	0.36	chr14	14q24.3	53	1281	106.52	84.48
Hs.636486	21.94	60.94	0.36	chr15	N/A	11	332	36.85	59.20
Hs.596282	15.77	43.83	0.36	chr2	N/A	20	487	66.74	69.57
FLJ90680	9.86	27.39	0.36	chr22	22q12.3	17	398	64.08	82.41
Hs.669227	4.88	13.56	0.36	chr16	N/A	1	304	0.00	66.39
Hs.272317	2.82	7.84	0.36	chr22	N/A	1	304	0.00	131.43
Hs.96886	9.52	26.46	0.36	chrX	N/A	1	304	0.00	127.32
Hs.489646	13.05	36.29	0.36	chr7	N/A	1	304	0.00	91.80
C19orf40	15.46	42.97	0.36	chr19	19q13.11	21	436	123.00	42.49
Hs.664630	10.81	30.05	0.36	chr2	N/A	8	377	64.07	59.32
Hs.668006	7.90	21.96	0.36	chr19	N/A	2	22	36.24	63.74
Hs.97779	6.22	17.29	0.36	chr4	N/A	10	73	54.16	103.03
LOC339822	5.33	14.83	0.36	chr2	2p25.3	1	304	0.00	55.18
Hs.656220	20.87	58.03	0.36	chr2	N/A	1	304	0.00	111.44
Hs.102728	6.39	17.78	0.36	chr11	N/A	7	73	71.30	102.65
Hs.545505	5.67	15.78	0.36	chr8	N/A	10	28	66.69	56.65
FAM217A	7.05	19.60	0.36	chr6	6p25.2	27	761	68.41	233.67
Hs.659564	17.60	48.96	0.36	chr4	N/A	15	450	73.33	55.68
CNP	88.29	245.62	0.36	chr17	17q21	59	1108	123.60	257.72
Hs.679414	4.71	13.10	0.36	chr6	N/A	2	608	58.78	95.47
NCCRP1	259.27	721.35	0.36	chr19	19q13.2	8	52	176.70	38.10
IQCF2	10.74	29.87	0.36	chr3	3p21.2	26	469	54.34	360.54
PAGE4	12.73	35.42	0.36	chrX	Xp11.23	37	633	90.00	219.22
ZNF275	40.12	111.64	0.36	chrX	Xq28	49	913	127.06	115.88
Hs.656066	7.84	21.81	0.36	chr20	N/A	2	620	82.64	423.59
PRR21	5.23	14.55	0.36	chr2	2q37.3	2	16	2.36	33.46
ANKRD34A	13.37	37.20	0.36	chr1	1q21.1	16	393	136.75	112.15
Hs.708303	249.95	695.66	0.36	chr5	N/A	17	146	159.99	178.66
Hs.667535	4.65	12.93	0.36	chr17	N/A	3	66	19.98	88.96
Hs.673455	13.74	38.27	0.36	chr8	N/A	1	304	0.00	50.04
SEMA6A	22.64	63.06	0.36	chr5	5q23.1	93	2301	149.53	130.72
Hs.601660	2.19	6.10	0.36	chr10	N/A	1	304	0.00	86.50
LOC285758	4.23	11.79	0.36	chr6	6q21	1	304	0.00	98.55
Hs.526752	6.99	19.46	0.36	chr3	N/A	18	40	26.49	75.93

SERINC2	13.84	38.54	0.36	chr1	1p35.1	63	1448	103.41	203.59
Hs.321359	4.24	11.82	0.36	chr15	N/A	1	304	0.00	54.28
Hs.655070	25.22	70.26	0.36	chr14	N/A	2	608	76.46	185.02
HMGCRC	33.99	94.68	0.36	chr5	5q13.3-q14	38	952	91.93	99.94
Hs.443245	6.98	19.45	0.36	chr8	N/A	6	66	10.68	114.61
Hs.657409	28.68	79.93	0.36	chr9	N/A	30	129	168.31	91.61
Hs.667248	3.24	9.02	0.36	chr3	N/A	2	22	82.42	87.37
LINC00623	40.75	113.57	0.36	chr1	1q21.1	17	1056	63.65	85.66
LOC100505997	6.15	17.15	0.36	chr12	N/A	1	304	0.00	48.15
FAM21A	67.25	187.46	0.36	chr10	10q11.23	39	897	85.52	41.53
Hs.127861	5.15	14.35	0.36	chr6	N/A	7	73	37.87	136.44
Hs.618649	13.10	36.52	0.36	chr6	N/A	14	320	61.09	57.83
Hs.663210	7.73	21.55	0.36	chr6	N/A	2	39	70.84	103.61
Hs.130286	21.57	60.14	0.36	chr19	N/A	1	304	0.00	66.14
NBEAL1	13.82	38.54	0.36	chr2	2q33.2	42	765	78.52	102.86
SMIM5	24.54	68.42	0.36	chr17	17q25.1	15	461	92.39	85.98
PPAP2C	23.14	64.52	0.36	chr19	19p13	34	555	80.28	118.77
Hs.679154	9.62	26.83	0.36	chr1	N/A	10	28	18.74	25.25
TRPV6	13.26	36.99	0.36	chr7	7q34	37	872	96.27	205.95
Hs.733205	18.20	50.76	0.36	chr9	N/A	7	73	29.26	54.76
TAS2R20	10.89	30.38	0.36	chr12	12p13.2	21	79	130.75	83.15
Hs.656025	4.92	13.72	0.36	chr15	N/A	1	304	0.00	48.21
SLC35E2B	41.13	114.74	0.36	chr1	1p36.33	52	1586	150.49	147.37
Hs.655418	16.29	45.46	0.36	chr4	N/A	7	73	111.09	49.22
TTC23L	9.39	26.21	0.36	chr5	5p13.2	40	789	92.79	106.84
DEFB104A	7.78	21.71	0.36	chr8	8p23.1	20	355	60.75	58.08
MROH5	8.30	23.16	0.36	chr8	8q24.3	27	80	41.02	81.92
EEF1A1	1,658.31	4,629.12	0.36	chr6	6q14.1	109	2717	124.77	76.80
Hs.664883	12.30	34.35	0.36	chr2	N/A	11	333	24.46	47.29
Hs.658972	8.83	24.65	0.36	chr12	N/A	15	450	65.27	64.06
ABP1	27.52	76.83	0.36	chr7	7q36.1	30	577	76.58	359.54
RXFP1	4.69	13.09	0.36	chr4	4q32.1	35	742	92.21	103.39
DFNB31	16.04	44.78	0.36	chr9	9q32	46	1039	135.44	95.25
Hs.583494	17.28	48.24	0.36	chr7	N/A	7	73	87.13	36.78
LOC100129781	10.14	28.31	0.36	chr16	16p13.12	9	89	72.12	134.21
Hs.432947	7.87	22.00	0.36	chr1	N/A	10	73	53.39	130.68
Hs.733822	11.39	31.82	0.36	chr10	N/A	1	304	0.00	46.81
Hs.547378	5.13	14.32	0.36	chr12	N/A	7	73	100.04	76.16
TPPP2	22.02	61.53	0.36	chr14	14q11.2	27	761	166.90	634.47
XIST	102.83	287.29	0.36	chrX	Xq13.2	67	3413	302.28	230.34
C18orf15	5.96	16.64	0.36	chr18	18p11.21	11	332	54.43	56.38
SCML4	7.35	20.53	0.36	chr6	6q21	29	1560	85.89	138.24
LOC100506075	12.07	33.74	0.36	chr22	N/A	8	377	52.14	49.73
ZFYVE9	25.72	71.90	0.36	chr1	1p32.3	67	1052	115.56	84.49
EDA2R	10.40	29.07	0.36	chrX	Xq12	21	454	121.93	75.62
NWD1	14.52	40.58	0.36	chr19	19p13.11	7	104	86.16	90.17
TRAF3IP3	12.99	36.31	0.36	chr1	1q32	58	1773	140.08	185.73
Hs.634728	10.54	29.47	0.36	chr11	N/A	7	73	59.71	79.71
Hs.667072	12.62	35.28	0.36	chr3	N/A	8	377	83.77	44.42
Hs.649280	6.39	17.87	0.36	chr9	N/A	5	22	61.41	79.91
FAM101B	44.12	123.38	0.36	chr17	17p13	36	727	87.77	124.21
Hs.659467	14.53	40.65	0.36	chr3	N/A	8	377	47.78	755.10
LOC646588	11.56	32.33	0.36	chr7	7p15.2	10	370	93.11	95.41
Hs.26580	6.39	17.89	0.36	chr5	N/A	10	73	76.72	108.03
MACROD2	11.51	32.21	0.36	chr20	20p12.1	54	1338	74.73	85.36
SEMA4D	34.76	97.26	0.36	chr9	9q22.2	69	1057	112.62	177.22
SATL1	17.65	49.39	0.36	chrX	Xq21.1	5	52	110.61	64.12
Hs.596067	8.46	23.68	0.36	chr20	N/A	1	304	0.00	48.30
Hs.121476	6.80	19.04	0.36	chr2	N/A	1	304	0.00	54.96
IFI44L	33.24	93.03	0.36	chr1	1p31.1	40	643	65.92	151.93
OR10AD1	82.87	231.97	0.36	chr12	12q13.11	8	52	165.96	58.92
TM4SF20	5.27	14.74	0.36	chr2	2q36.3	21	448	67.96	206.54
NAV2-AS4	16.47	46.10	0.36	chr11	11p15.1	4	380	128.23	73.02
TFW1	22.00	61.59	0.36	chr12	12q12	67	2114	89.10	135.71
Hs.657033	19.54	54.72	0.36	chr2	N/A	1	304	0.00	47.01
DUOXA1	23.32	65.29	0.36	chr15	15q21.1	25	730	144.57	140.92
PFKFB3	66.14	185.19	0.36	chr10	10p15.1	74	824	127.55	142.11
SEC24B	46.40	129.92	0.36	chr4	4q25	57	701	108.22	75.27
OCLN	21.14	59.21	0.36	chr5	5q13.1	68	1667	147.03	211.03
LINC00574	11.99	33.59	0.36	chr6	6q27	21	452	39.82	74.24
Hs.664792	9.28	26.00	0.36	chr5	N/A	8	377	77.29	158.73
OR2D3	97.12	272.01	0.36	chr11	11p15.4	8	52	183.13	51.10
Hs.316997	6.29	17.63	0.36	chr12	N/A	8	377	42.90	155.22
Hs.668514	30.35	85.00	0.36	chr3	N/A	7	73	102.27	84.49
FAM193A	35.44	99.27	0.36	chr4	4p16.3	62	757	108.03	63.69
Hs.657095	7.82	21.91	0.36	chr14	N/A	8	377	74.59	62.57
Hs.545651	5.17	14.47	0.36	chr9	N/A	5	22	19.31	126.88
LDHAL6B	8.19	22.94	0.36	chr15	15q22.2	24	449	79.65	326.42
GNMT	14.56	40.79	0.36	chr6	6p12	23	509	107.60	241.90
HAPLN3	25.10	70.33	0.36	chr15	15q26.1	26	459	104.19	59.90
LY9	11.41	31.97	0.36	chr1	1q23.3	49	1359	113.50	162.59
Hs.736034	11.21	31.41	0.36	chr7	N/A	5	420	75.27	60.33
ZAR1	6.74	18.90	0.36	chr4	4p11	18	638	59.63	58.71
SERPINA3	166.34	466.39	0.36	chr14	14q32.1	72	785	226.10	251.62
Hs.655881	6.80	19.07	0.36	chr7	N/A	9	681	29.02	89.33
Hs.570084	11.23	31.48	0.36	chr2	N/A	7	73	62.99	68.04
COL1A1	160.08	448.99	0.36	chr17	17q21.33	73	2419	124.96	208.79
CLEC18A	6.71	18.82	0.36	chr16	16q22.1	7	304	37.85	130.76
KRTAP13-1	14.90	41.80	0.36	chr21	21q22.1	20	332	86.71	52.08
Hs.732406	11.85	33.25	0.36	chr7	N/A	14	146	65.85	67.77
SPEN	33.79	94.80	0.36	chr1	1p36	125	2350	162.08	95.74
Hs.130176	6.32	17.74	0.36	chr3	N/A	7	73	37.48	100.04
Hs.671658	4.60	12.90	0.36	chr20	N/A	11	332	61.60	51.83

AVIL	21.38	60.02	0.36	chr12	12q14.1	67	1684	83.73	173.77
ENTPD3	15.15	42.52	0.36	chr3	3p21.3	44	905	95.21	119.64
SCIMP	17.62	49.46	0.36	chr17	17p13.2	35	184	153.13	130.01
Hs.513529	17.97	50.45	0.36	chr16	N/A	8	382	94.49	47.53
KRTAP19-3	7.70	21.62	0.36	chr21	21q22.1	11	377	59.61	53.37
CCNB2	18.89	53.04	0.36	chr15	15q22.2	49	1309	97.70	324.92
ASB12	20.87	58.59	0.36	chrX	Xq11.2	26	459	109.31	134.49
Hs.655960	5.47	15.36	0.36	chr6	N/A	1	304	0.00	83.64
Hs.733848	9.06	25.45	0.36	chr21	N/A	7	73	58.65	79.36
STX1A	23.47	65.90	0.36	chr7	7q11.23	50	633	81.21	126.54
SYT14L	8.20	23.02	0.36	chr4	4q13.2	22	389	82.92	86.11
Hs.655846	14.61	41.03	0.36	chr12	N/A	10	28	99.78	68.45
Hs.663878	6.56	18.42	0.36	chr11	N/A	15	448	54.69	60.20
TTC39B	10.33	29.04	0.36	chr9	9p22.3	46	1169	74.50	92.62
FKSG29	8.65	24.32	0.36	chr13	13q32.3	21	360	122.25	48.07
CYP2C9	31.41	88.27	0.36	chr10	10q24	60	3089	97.28	360.63
CDC42SE2	55.64	156.39	0.36	chr5	5q31.1	69	1527	102.65	156.17
Hs.654986	7.17	20.16	0.36	chr1	N/A	3	320	63.70	47.77
GHRHR	12.60	35.42	0.36	chr7	7p14	53	1441	84.10	363.51
MXRA5	66.46	186.86	0.36	chrX	Xp22.33	30	570	92.45	141.95
RASSF6	11.30	31.76	0.36	chr4	4q13.3	44	1139	141.82	137.57
VIPR1	32.08	90.21	0.36	chr3	3p22	30	577	105.42	189.73
Hs.592495	17.07	48.01	0.36	chr11	N/A	10	28	39.80	79.74
ATP8A2	16.53	46.50	0.36	chr13	13q12	74	1435	192.95	238.03
Hs.658280	13.65	38.38	0.36	chr4	N/A	7	73	67.95	66.15
GTF2H3	45.04	126.69	0.36	chr12	12q24.31	38	953	114.37	91.30
Hs.593614	119.68	336.64	0.36	chr2	N/A	7	73	158.02	80.46
Hs.567271	8.29	23.31	0.36	chr1	N/A	12	50	22.81	79.24
Hs.658368	40.17	113.03	0.36	chr11	N/A	1	304	0.00	53.66
Hs.145202	7.87	22.14	0.36	chr3	N/A	10	73	51.93	214.99
Hs.666370	5.40	15.20	0.36	chr5	N/A	7	73	72.21	354.87
TMIGD2	26.38	74.24	0.36	chr19	19p13.3	19	396	62.38	77.84
KCNGB4	8.64	24.31	0.36	chr16	16q24.1	35	426	84.62	58.38
XPO1	77.76	218.88	0.36	chr2	2p15	52	1291	134.59	112.90
Hs.662725	4.38	12.32	0.36	chr22	N/A	12	636	67.41	69.18
SFT2D2	19.27	54.23	0.36	chr1	1q24.2	27	571	131.99	70.45
ERLIN2	39.83	112.13	0.36	chr8	8p11.2	63	699	99.82	104.48
Hs.651492	11.35	31.95	0.36	chr7	N/A	10	73	67.06	129.96
ASMTL-AS1	13.73	38.65	0.36	chrX	Xp22.33; Yp11	38	1692	130.88	85.90
SPG20OS	6.62	18.63	0.36	chr13	13q13.3	9	386	80.25	70.74
Hs.660430	20.82	58.63	0.36	chr8	N/A	8	377	79.87	66.94
ATAD3B	20.56	57.90	0.36	chr1	1p36.33	56	1439	93.22	66.73
CELSR2	32.24	90.80	0.36	chr1	1p21	45	1029	84.03	78.48
TEKT3	5.97	16.82	0.36	chr17	17p12	26	460	54.08	277.09
NXT2	13.89	39.13	0.36	chrX	Xq23	35	981	85.11	102.91
STEAP2	40.77	114.83	0.36	chr7	7q21.13	36	541	98.06	240.01
AMOTL1	28.94	81.52	0.36	chr11	11q14.3	69	1529	197.86	150.58
PLA2G7	12.88	36.28	0.35	chr6	6p21.2-p12	30	576	67.58	118.57
FAM213B	22.37	63.03	0.35	chr1	1p36.32	16	388	30.85	54.15
Hs.668151	22.22	62.60	0.35	chr3	N/A	1	304	0.00	46.22
KCP	8.91	25.12	0.35	chr7	7q32.1	29	934	86.51	102.61
Hs.562022	9.30	26.20	0.35	chrX	N/A	7	73	86.54	76.54
VPS13B	22.21	62.60	0.35	chr8	8q22.2	105	1927	242.58	124.37
ZNF286A	16.09	45.36	0.35	chr17	17p11.2	48	1539	72.70	71.32
Hs.155959	4.56	12.86	0.35	chr7	N/A	7	459	32.24	64.89
Hs.405849	8.41	23.70	0.35	chr20	N/A	11	377	99.00	57.85
RPS3	721.57	2,033.74	0.35	chr11	11q13.3-q13.5	51	763	97.73	88.66
Hs.647444	11.69	32.94	0.35	chr20	N/A	11	377	73.36	57.79
EPB41	18.60	52.44	0.35	chr1	1p33-p32	87	2261	173.85	224.64
NOTUM	22.70	64.00	0.35	chr17	17q25.3	20	341	54.26	73.29
TLR7	6.92	19.50	0.35	chrX	Xp22.3	39	858	61.93	90.56
Hs.720252	19.00	53.56	0.35	chr14	N/A	22	709	56.94	58.09
Hs.661680	10.95	30.87	0.35	chr1	N/A	6	386	94.63	100.96
Hs.427107	8.78	24.76	0.35	chr9	N/A	8	377	39.43	51.08
PMEL	16.59	46.79	0.35	chr12	12q13-q14	47	666	70.39	127.20
FBXO15	11.43	32.24	0.35	chr18	18q22.3	26	467	189.76	116.42
Hs.713895	26.16	73.80	0.35	chr16	N/A	21	1177	99.18	76.51
FMO5	14.29	40.31	0.35	chr1	1q21.1	53	1398	112.59	311.73
PMS2	17.84	50.33	0.35	chr7	7p22.2	104	1177	82.19	53.39
Hs.433072	25.32	71.45	0.35	chr10	N/A	10	73	112.27	61.23
Hs.635099	4.59	12.96	0.35	chr19	N/A	2	22	21.78	64.06
Hs.636703	3.28	9.27	0.35	chr15	N/A	1	305	0.00	62.50
Hs.127865	125.57	354.45	0.35	chr5	N/A	7	73	47.71	92.33
Hs.668815	6.98	19.70	0.35	chr16	N/A	1	304	0.00	68.76
PIP4K2C	35.20	99.36	0.35	chr12	12q13.3	30	540	119.49	58.76
Hs.664120	9.99	28.19	0.35	chr5	N/A	7	73	38.05	63.02
Hs.744879	89.26	252.00	0.35	chr3	N/A	22	521	127.81	98.98
TOP1	60.75	171.52	0.35	chr20	20q12-q13.1	46	1109	173.11	89.46
LYPD8	5.27	14.89	0.35	chr1	1q44	15	640	55.50	135.74
RNF32	7.97	22.50	0.35	chr7	7q36	66	1148	83.07	191.83
TRIM56	38.60	109.02	0.35	chr7	7q22.1	26	467	56.52	68.07
GCSAML	5.88	16.60	0.35	chr1	1q44	32	749	74.17	257.27
ACBD7	11.94	33.75	0.35	chr10	10p13	8	16	80.86	31.58
TMEM200A	16.68	47.12	0.35	chr6	6q23.1	31	443	87.16	109.41
HSD11B2	25.76	72.79	0.35	chr16	16q22	30	570	167.46	344.02
COL26A1	11.17	31.55	0.35	chr7	7q22.1	31	822	70.90	130.22
LINC00293	7.96	22.50	0.35	chr8	8q11.1	15	450	88.07	65.26
Hs.661853	17.30	48.90	0.35	chrX	N/A	1	304	0.00	43.61
C1orf172	10.09	28.51	0.35	chr1	1p36.11	26	460	61.22	75.66
Hs.544171	5.27	14.88	0.35	chr5	N/A	5	22	45.29	106.42
Hs.732553	5.49	15.53	0.35	chr4	N/A	7	73	47.30	80.10
Hs.661976	16.18	45.73	0.35	chr10	N/A	1	304	0.00	61.05
LOC100507033	6.44	18.21	0.35	chr3	N/A	11	332	51.47	58.98

LOC100506599	7.56	21.39	0.35	chr9	N/A	2	611	48.88	68.66
ORSAP2	67.97	192.22	0.35	chr11	11q12.1	18	80	256.81	87.98
POGZ	50.65	143.26	0.35	chr1	1q21.3	64	1060	80.09	91.73
LOC143188	10.56	29.86	0.35	chr10	10q25.2	4	304	83.24	78.51
TAF2	32.76	92.66	0.35	chr8	8q24.12	58	1009	96.60	58.89
Hs.659009	2.76	7.81	0.35	chr5	N/A	1	304	0.00	73.95
MAFB	96.33	272.52	0.35	chr20	20q11.2-q13.1	36	915	101.86	144.54
SMAD1	32.42	91.73	0.35	chr4	4q31	59	1362	96.42	86.93
TBL1XR1	85.01	240.50	0.35	chr3	3q26.32	114	2087	216.30	127.26
Hs.672180	5.75	16.26	0.35	chr13	N/A	2	608	16.77	67.36
MKS1	18.12	51.26	0.35	chr17	17q22	49	936	87.77	53.40
Hs.151208	9.64	27.27	0.35	chrX	N/A	2	22	74.91	53.20
ZNRF1	26.13	73.95	0.35	chr16	16q23.1	74	1903	104.86	109.74
Hs.713899	9.42	26.65	0.35	chr10	N/A	7	73	61.81	96.27
SGPL1	28.00	79.25	0.35	chr10	10q21	73	1692	99.71	92.83
Hs.671307	2.79	7.89	0.35	chr13	N/A	1	304	0.00	53.92
LOC400655	6.35	17.97	0.35	chr18	18q22.3	12	638	164.61	79.80
LINC00567	4.50	12.74	0.35	chr13	13q34	3	326	81.13	47.59
Hs.659574	9.15	25.92	0.35	chr6	N/A	6	66	86.55	87.29
OVOL2	12.34	34.95	0.35	chr20	20pter-q11.23	42	1066	95.05	94.84
EDN3	14.79	41.89	0.35	chr20	20q13.2-q13.3	38	986	110.85	248.81
Hs.573560	48.03	136.03	0.35	chr9	N/A	7	73	95.14	221.81
Hs.660318	16.66	47.19	0.35	chr16	N/A	18	405	105.24	55.88
Hs.715129	59.60	168.85	0.35	chr1	N/A	7	73	67.45	65.31
Hs.268685	5.87	16.63	0.35	chr6	N/A	7	73	46.74	77.83
LOC389641	20.68	58.60	0.35	chr8	8p21.3	28	478	107.19	975.40
SNORD89	25.32	71.77	0.35	chr2	2q11.2	8	377	57.29	62.64
Hs.731721	7.20	20.41	0.35	chr17	N/A	11	332	42.32	43.34
FAM72C	14.77	41.87	0.35	chr1	1q21.2	1	304	0.00	156.88
Hs.560749	20.71	58.69	0.35	chr2	N/A	10	73	50.88	172.83
MFS2B	9.00	25.53	0.35	chr2	2p23.3	12	109	45.24	97.08
ZNF432	18.59	52.70	0.35	chr19	19q13.41	35	549	98.93	82.65
CCL18	22.70	64.36	0.35	chr17	17q11.2	35	993	76.30	207.13
Hs.677122	8.81	24.99	0.35	chr15	N/A	15	448	140.06	52.30
ESRP2	32.46	92.05	0.35	chr16	16q22.1	27	529	109.69	95.79
STARD9	24.14	68.46	0.35	chr15	15q15.2	18	420	109.20	58.53
Hs.660275	9.26	26.25	0.35	chr10	N/A	1	304	0.00	56.16
SMIM15	54.90	155.70	0.35	chr5	5q12.1	26	424	65.63	61.97
Hs.666246	9.16	25.97	0.35	chr11	N/A	1	304	0.00	63.84
Hs.606124	3.71	10.53	0.35	chr21	N/A	2	608	0.80	95.86
Hs.601019	13.36	37.91	0.35	chr2	N/A	7	73	70.73	52.05
Hs.357242	4.83	13.72	0.35	chr8	N/A	4	370	28.75	116.42
LINC00226	4.48	12.71	0.35	chr14	14q32.33	2	608	13.25	137.15
TTC17	42.00	119.17	0.35	chr11	11p11.2	97	2507	89.12	78.51
ATP10A	13.63	38.69	0.35	chr15	15q11.2	56	1352	79.76	79.34
GSTA1	21.51	61.03	0.35	chr6	6p12.1	26	487	223.42	81.46
CDRT4	20.95	59.44	0.35	chr17	17p12	25	108	105.64	92.46
Hs.605520	11.62	32.97	0.35	chr15	N/A	10	28	15.30	69.78
TMEM95	19.02	53.99	0.35	chr17	17p13.1	17	333	100.48	91.46
C8orf74	10.76	30.56	0.35	chr8	8p23.1	24	807	94.05	131.40
TMEM41A	45.84	130.14	0.35	chr3	3q27.2	39	853	126.87	79.61
Hs.594655	5.50	15.61	0.35	chr6	N/A	7	73	69.36	78.12
CNOT1	61.67	175.13	0.35	chr16	16q21	91	1493	162.72	158.90
Hs.665272	15.89	45.13	0.35	chr2	N/A	8	377	92.41	66.66
RSBN1	40.33	114.53	0.35	chr1	1p13.2	50	1983	144.14	61.51
LOC100288144	36.00	102.28	0.35	chr14	14q32.33	10	28	162.19	111.32
Hs.666358	7.13	20.26	0.35	chr5	N/A	2	22	17.69	72.69
ELOVL4	13.72	38.98	0.35	chr6	6q14	35	608	135.35	235.89
THOC3	76.18	216.43	0.35	chr5	5q35.2	25	396	65.50	64.00
Hs.129330	6.51	18.50	0.35	chr4	N/A	6	66	42.52	147.66
GNA13	46.52	132.19	0.35	chr17	17q24.3	63	1402	184.59	136.62
Hs.664776	17.83	50.68	0.35	chr6	N/A	7	73	83.88	77.26
Hs.669924	5.35	15.19	0.35	chr8	N/A	1	304	0.00	62.97
Hs.733823	17.13	48.69	0.35	chr1	N/A	7	73	94.65	112.69
TUSC5	19.00	53.99	0.35	chr17	17p13.3	29	388	108.55	176.94
C8A	23.06	65.57	0.35	chr1	1p32	32	591	105.00	313.77
OR52B4	46.63	132.59	0.35	chr11	11p15.4	5	52	125.66	52.61
Hs.519855	12.87	36.59	0.35	chr6	N/A	1	304	0.00	72.82
Hs.684149	2.91	8.28	0.35	chr21	N/A	1	304	0.00	106.55
Hs.675447	4.39	12.47	0.35	chr3	N/A	1	304	0.00	90.10
Hs.150093	11.35	32.29	0.35	chr21	N/A	10	73	84.47	117.18
TAGLN	454.76	1,293.66	0.35	chr11	11q23.2	57	982	141.76	140.21
OLFM1	41.71	118.65	0.35	chr9	9q34.3	78	1592	123.65	206.35
SWAP70	43.24	123.02	0.35	chr11	11p15	66	1617	102.26	353.60
Hs.658049	2.87	8.16	0.35	chr17	N/A	1	304	0.00	51.39
Hs.674422	34.07	96.94	0.35	chr3	N/A	5	420	139.65	66.00
CTTNBP2NL	16.09	45.79	0.35	chr1	1p13.2	67	1296	76.15	91.87
LOC100293704	36.55	103.99	0.35	chr12	N/A	5	22	10.80	116.31
Hs.567506	42.86	121.95	0.35	chr6	N/A	7	73	49.04	218.29
C6orf132	21.56	61.38	0.35	chr6	6p21.1	24	767	171.97	168.31
NRIP3	26.51	75.46	0.35	chr11	11p15.3	39	865	83.50	123.14
Hs.661402	6.16	17.54	0.35	chr3	N/A	15	450	95.30	170.65
FOXA1	14.50	41.28	0.35	chr14	14q12-q13	142	1227	173.02	258.53
PHC3	20.89	59.46	0.35	chr3	3q26.2	85	2135	147.85	138.79
EME1	13.72	39.07	0.35	chr17	17q21.33	26	1054	92.14	89.26
Hs.604690	5.21	14.83	0.35	chr12	N/A	7	73	65.94	96.52
DLEU7-AS1	7.77	22.14	0.35	chr13	N/A	1	304	0.00	49.18
Hs.707170	80.39	228.91	0.35	chr17	N/A	5	420	64.26	122.75
CDCA4	23.57	67.11	0.35	chr14	14q32.33	49	612	105.42	69.88
PREX1	29.81	84.90	0.35	chr20	20q13.13	34	846	88.85	114.78
Hs.603678	5.00	14.24	0.35	chr21	N/A	8	377	57.32	55.53
Hs.662169	4.35	12.40	0.35	chr14	N/A	1	304	0.00	52.73
ARNTL2	10.57	30.10	0.35	chr12	12p12.2-p11.2	51	1497	102.48	140.17

PQLC2	15.30	43.59	0.35	chr1	1p36.13	34	1184	71.90	53.95
Hs.633613	6.98	19.88	0.35	chr5	N/A	11	332	28.17	64.79
KIAA1244	16.92	48.20	0.35	chr6	6q23.3	64	1462	105.62	178.68
Hs.652420	9.81	27.97	0.35	chr5	N/A	6	326	78.92	44.47
HIST1H4I	8.78	25.02	0.35	chr6	6p21.33	24	461	55.10	65.05
LOC100128946	7.89	22.50	0.35	chr22	22q13.32	1	305	0.00	55.80
MGC32805	4.41	12.56	0.35	chr5	5q23.2	11	347	80.34	80.29
LIN52	29.38	83.76	0.35	chr14	14q24.3	14	344	111.46	40.17
CKLF	33.78	96.31	0.35	chr16	16q21	60	1318	98.98	80.78
Hs.660954	18.90	53.91	0.35	chr12	N/A	1	304	0.00	69.49
PRODH2	18.81	53.64	0.35	chr19	19q13.1	31	869	88.37	162.99
C11orf82	10.19	29.07	0.35	chr11	11q14.1	35	497	161.43	97.65
Hs.603157	11.03	31.45	0.35	chr3	N/A	7	73	38.34	79.24
Hs.97579	27.70	79.00	0.35	chr17	N/A	18	405	61.13	58.94
Hs.654937	4.43	12.64	0.35	chr12	N/A	1	304	0.00	74.44
Hs.656832	6.59	18.79	0.35	chr4	N/A	8	377	60.53	70.85
GGCT	79.86	227.87	0.35	chr7	7p15-p14	32	572	64.45	95.56
TLL11	12.42	35.45	0.35	chr9	9q33.2	32	782	70.78	66.76
MT1E	326.48	931.99	0.35	chr16	16q13	40	614	109.42	115.34
PACRG-AS1	5.04	14.39	0.35	chr6	6q26	4	306	33.65	45.50
Hs.669003	4.50	12.85	0.35	chr7	N/A	1	304	0.00	51.23
KCNA6	8.23	23.51	0.35	chr12	12p13	22	374	48.11	57.08
Hs.734863	4.61	13.17	0.35	chr1	N/A	1	304	0.00	130.39
VGLL2	15.62	44.59	0.35	chr6	6q22.1	39	488	165.31	228.54
Hs.687878	14.40	41.13	0.35	chr10	N/A	2	16	62.13	51.19
Hs.190548	12.67	36.20	0.35	chr21	N/A	10	28	28.14	166.51
Hs.676589	86.76	247.79	0.35	chr16	N/A	8	12	14.93	47.60
YPEL4	13.14	37.54	0.35	chr11	11q12.1	34	440	38.38	153.14
Hs.733962	7.45	21.29	0.35	chr1	N/A	4	304	37.82	71.65
Hs.634603	8.68	24.79	0.35	chr17	N/A	17	101	114.06	101.81
Hs.323707	8.11	23.18	0.35	chr5	N/A	7	73	57.35	145.93
ZFP36L2	112.21	320.59	0.35	chr2	2p22.3-p21	43	1772	90.88	150.79
TAF1D	52.35	149.56	0.35	chr11	11q21	41	1330	81.89	79.09
TNFAIP3	92.76	265.04	0.35	chr6	6q23	72	1236	308.93	180.25
Hs.658409	9.52	27.21	0.35	chr19	N/A	1	304	0.00	193.08
LOC100129675	7.50	21.43	0.35	chr2	2q37.3	7	93	35.35	91.58
DPP8	87.30	249.50	0.35	chr15	15q22	47	561	136.29	69.19
Hs.731746	14.00	40.01	0.35	chr2	N/A	8	377	87.82	66.45
Hs.163936	24.63	70.42	0.35	chr1	N/A	8	377	66.29	36.62
SPOCK3	8.54	24.42	0.35	chr4	4q32.3	30	1524	51.01	244.85
Hs.514946	6.71	19.17	0.35	chr18	N/A	2	22	57.87	60.31
GATS	33.72	96.40	0.35	chr7	7q22.1	50	775	173.53	137.88
TGFB111	62.83	179.66	0.35	chr16	16p11.2	33	569	126.41	113.96
Hs.577198	9.33	26.69	0.35	chr11	N/A	7	73	37.29	89.85
Hs.645721	6.02	17.22	0.35	chr3	N/A	7	51	49.97	76.38
Hs.540464	10.27	29.38	0.35	chr16	N/A	5	22	44.05	51.19
CYB561A3	78.94	225.77	0.35	chr11	11q12.2	26	469	163.94	127.73
MFAP3L	9.66	27.63	0.35	chr4	4q32.3	75	1997	145.06	170.15
LONRF3	20.56	58.81	0.35	chrX	Xq24	35	792	77.16	83.87
Hs.368071	4.32	12.35	0.35	chr7	N/A	1	304	0.00	63.60
Hs.604522	11.94	34.16	0.35	chr2	N/A	10	28	32.10	31.12
USH1G	35.18	100.64	0.35	chr17	17q25.1	19	386	199.40	118.79
Hs.659086	6.08	17.39	0.35	chr2	N/A	7	73	55.86	84.24
LOC100130476	6.24	17.86	0.35	chr6	6q23.3	20	421	65.70	151.87
ARSK	22.98	65.76	0.35	chr5	5q15	28	1071	85.11	110.05
Hs.596813	13.88	39.73	0.35	chr1	N/A	3	66	69.39	61.66
PPT1	133.36	381.64	0.35	chr1	1p32	33	520	101.66	53.53
SERPINB12	9.08	25.98	0.35	chr18	N/A	23	488	98.32	157.21
EBLN2	25.42	72.75	0.35	chr3	3p13	21	458	94.36	70.55
BDP1	19.73	56.49	0.35	chr5	5q13	67	1268	117.44	94.63
Hs.735341	21.79	62.37	0.35	chr2	N/A	1	304	0.00	131.77
Hs.734097	24.38	69.80	0.35	chr11	N/A	7	73	122.77	53.75
MKMK1-AS1	9.36	26.80	0.35	chr1	1p33	8	377	76.44	57.11
Hs.468769	16.03	45.91	0.35	chr2	N/A	7	73	39.53	117.20
Hs.602000	23.63	67.65	0.35	chr11	N/A	10	28	42.92	96.13
PLEKHH2	13.11	37.55	0.35	chr2	2p21	46	1147	103.41	120.70
USF1	10.41	29.80	0.35	chr1	1q22-q23	20	334	124.68	101.09
Hs.600611	16.16	46.29	0.35	chr20	N/A	1	304	0.00	48.76
OR4C13	30.48	87.29	0.35	chr11	11p11.12	11	52	176.21	50.82
KIAA0922	24.11	69.07	0.35	chr4	4q31.3	60	750	125.17	106.17
Hs.134473	5.34	15.31	0.35	chr22	N/A	7	73	19.66	66.97
Hs.128668	11.32	32.43	0.35	chr8	N/A	14	333	72.54	43.06
Hs.645106	6.43	18.41	0.35	chr2	N/A	11	332	48.29	52.49
Hs.603187	10.70	30.65	0.35	chr16	N/A	8	377	117.37	60.26
Hs.693955	6.67	19.10	0.35	chr9	N/A	7	73	34.17	124.94
HENMT1	38.40	110.03	0.35	chr1	1p13.3	22	470	107.96	239.25
PSG11	9.49	27.20	0.35	chr19	19q13.2	52	660	88.46	102.35
Hs.648647	4.74	13.59	0.35	chr1	N/A	10	28	28.11	76.15
CCT6B	24.78	71.03	0.35	chr17	17q12	27	555	60.04	301.62
UBXN11	19.83	56.85	0.35	chr1	1p36.11	51	568	126.20	91.63
RUFY3	39.12	112.12	0.35	chr4	4q13.3	111	3194	340.17	145.72
Hs.675931	9.49	27.19	0.35	chr19	N/A	2	620	23.99	59.61
AMICA1	24.56	70.41	0.35	chr11	11q23.3	36	489	63.01	228.65
Hs.662810	6.60	18.91	0.35	chr6	N/A	7	73	54.66	94.15
Hs.706693	22.98	65.89	0.35	chr4	N/A	7	73	113.08	124.13
DOCK11	27.31	78.31	0.35	chrX	Xq24	46	928	109.37	136.20
Hs.542901	10.23	29.35	0.35	chr3	N/A	8	377	57.78	74.74
C9orf129	6.54	18.76	0.35	chr9	9q22.31	2	16	5.00	116.53
Hs.734293	15.74	45.15	0.35	chrX	N/A	7	73	100.20	68.49
Hs.702200	16.61	47.65	0.35	chr1	N/A	8	377	97.48	148.10
HHLA1	11.78	33.78	0.35	chr8	8q24	26	836	67.25	124.07
NS3BP	16.31	46.79	0.35	chr11	11p15.5	11	334	165.39	52.88
CSorf46	33.77	96.90	0.35	chr5	5q32	26	457	82.71	289.40

RPGRIPI	15.29	43.89	0.35	chr14	14q11	26	494	166.47	161.05
ISM1-AS1	3.07	8.80	0.35	chr20	N/A	1	304	0.00	59.68
ETV6	34.97	100.35	0.35	chr12	12p13	81	2216	145.53	403.26
CRTAC1	21.20	60.86	0.35	chr10	10q22	36	906	89.04	291.26
C4orf48	39.01	111.99	0.35	chr4	4p16.3	10	344	45.45	120.54
LOC100128185	5.51	15.82	0.35	chr2	2p25.3	11	332	108.65	50.81
SLC39A2	22.96	65.93	0.35	chr14	14q11.2	28	528	121.98	153.56
C1orf101	5.12	14.70	0.35	chr1	1q44	24	645	84.33	159.91
ANKRD30BL	6.63	19.05	0.35	chr2	2q21.2	29	1270	90.65	111.45
OFD1	43.42	124.69	0.35	chrX	Xp22	41	921	75.54	108.64
SLC35F6	27.44	78.79	0.35	chr2	2p23.3	59	1354	91.56	94.34
Hs.127375	6.83	19.61	0.35	chr10	N/A	2	22	36.13	91.77
CT64	6.68	19.18	0.35	chr3	3q26.1	19	709	115.35	61.58
PIPOX	27.69	79.57	0.35	chr17	17q11.2	28	544	87.88	298.35
Hs.570365	9.09	26.13	0.35	chr20	N/A	14	332	127.16	46.90
EMR3	6.76	19.42	0.35	chr19	19p13.1	24	451	100.01	112.48
DPEP2	11.80	33.90	0.35	chr16	16q22.1	28	534	83.29	206.78
Hs.143843	6.52	18.73	0.35	chr12	N/A	7	73	73.11	89.78
PASK	14.94	42.94	0.35	chr2	2q37.3	54	1486	67.95	87.79
C14orf105	6.71	19.30	0.35	chr14	14q22.3	39	902	83.48	141.16
Hs.539234	7.64	21.97	0.35	chr12	N/A	10	73	66.42	206.86
Hs.129360	7.80	22.42	0.35	chr7	N/A	7	73	56.84	133.72
Hs.732705	8.15	23.42	0.35	chr3	N/A	8	377	81.25	104.45
NUDT19	38.07	109.45	0.35	chr19	19q13.11	25	473	237.05	83.29
PRR18	10.93	31.42	0.35	chr6	6q27	18	100	91.44	151.46
DSCAM-AS1	10.83	31.14	0.35	chr21	N/A	11	344	66.15	100.86
Hs.664382	34.70	99.82	0.35	chr6	N/A	14	146	113.19	230.14
WDR82	159.17	457.87	0.35	chr3	3p21.2	56	701	121.20	163.90
Hs.664760	4.70	13.53	0.35	chr2	N/A	7	73	66.94	80.66
TPX2	15.44	44.43	0.35	chr20	20q11.2	44	721	75.42	127.98
SEMA5B	31.28	90.03	0.35	chr3	3q21.1	23	398	64.66	106.00
SCUBE2	17.33	49.87	0.35	chr11	11p15.3	56	824	70.60	114.47
Hs.732907	14.61	42.04	0.35	chr7	N/A	7	73	70.18	151.47
Hs.665318	2.74	7.89	0.35	chr7	N/A	1	304	0.00	60.69
Hs.658187	127.73	367.64	0.35	chr1	N/A	9	681	171.69	72.75
USP3	34.71	99.90	0.35	chr15	15q22.3	46	917	132.36	70.47
Hs.656179	11.42	32.88	0.35	chr6	N/A	7	73	37.23	63.67
VPS54	36.37	104.69	0.35	chr2	2p13-p14	43	1172	92.21	64.75
HOXB2	31.78	91.51	0.35	chr17	17q21.32	40	601	76.18	81.36
EXOC4	22.30	64.20	0.35	chr7	7q31	63	1399	131.46	117.07
LOC399744	54.22	156.17	0.35	chr10	10p11.1	19	24	37.30	128.60
ZNF827	34.93	100.62	0.35	chr4	4q31.22	55	1573	130.44	178.23
LHB	52.65	151.66	0.35	chr19	19q13.32	32	616	109.73	437.61
Hs.644693	285.64	822.76	0.35	chr6	N/A	7	73	41.91	102.83
TPD52L3	9.12	26.27	0.35	chr9	9p24.1	48	816	123.07	292.51
TSSK3	31.06	89.48	0.35	chr1	1p35-p34	21	407	132.68	177.38
LOC389023	8.59	24.74	0.35	chr2	2q14.1	18	406	76.87	148.43
Hs.524283	9.97	28.72	0.35	chr10	N/A	1	304	0.00	41.84
CD207	12.96	37.33	0.35	chr2	2p13	21	455	93.52	85.16
KIAA0930	39.54	113.94	0.35	chr22	22q13.31	98	1747	173.48	353.42
Hs.668092	6.01	17.32	0.35	chr8	N/A	7	73	67.11	114.49
Hs.601825	5.34	15.39	0.35	chr4	N/A	1	304	0.00	68.01
Hs.621904	33.22	95.73	0.35	chr15	N/A	10	28	23.35	78.47
Hs.713947	14.84	42.78	0.35	chr5	N/A	1	304	0.00	36.81
Hs.603421	4.65	13.41	0.35	chr12	N/A	7	73	53.24	78.66
FAM32A	63.95	184.30	0.35	chr19	19pter-p13.3	25	550	50.17	41.42
Hs.734399	10.59	30.52	0.35	chr3	N/A	1	304	0.00	36.00
PDLIM2	43.24	124.63	0.35	chr8	8p21.3	45	825	134.76	147.51
Hs.537073	9.78	28.20	0.35	chr1	N/A	7	73	47.51	76.16
Hs.661964	5.48	15.78	0.35	chr10	N/A	1	316	0.00	100.26
TRHDE	4.94	14.23	0.35	chr12	12q15-q21	28	534	84.10	153.35
Hs.672351	4.51	13.01	0.35	chr20	N/A	1	304	0.00	65.82
Hs.125407	6.85	19.76	0.35	chr4	N/A	14	146	70.32	121.92
Hs.491101	5.97	17.23	0.35	chr1	N/A	7	95	65.89	71.78
MSM01	68.26	196.89	0.35	chr4	4q32-q34	43	667	244.59	127.03
Hs.655962	5.11	14.74	0.35	chr13	N/A	7	73	62.93	58.71
P2RX1	14.87	42.91	0.35	chr17	17p13.3	35	616	59.83	107.66
Hs.666164	5.44	15.70	0.35	chr21	N/A	7	95	53.34	122.06
PPP1R16B	15.64	45.15	0.35	chr20	20q11.23	67	1535	110.30	140.80
MF12-AS1	12.89	37.21	0.35	chr3	N/A	13	940	72.13	80.19
DDC	14.87	42.94	0.35	chr7	7p12.2	42	1066	85.85	368.49
C22orf26	12.54	36.21	0.35	chr22	22q13.31	21	460	89.69	115.57
CYB561D1	53.84	155.48	0.35	chr1	1p13.3	23	462	90.45	354.86
CRB3	23.02	66.46	0.35	chr19	19p13.3	35	467	71.35	91.83
Hs.659480	7.84	22.64	0.35	chr16	N/A	7	73	26.15	50.10
Hs.148512	6.02	17.39	0.35	chr5	N/A	2	22	10.62	93.95
Hs.540241	7.05	20.35	0.35	chr15	N/A	4	314	41.69	76.51
Hs.715147	46.28	133.67	0.35	chr5	N/A	7	73	81.48	152.90
Hs.434219	6.07	17.53	0.35	chr5	N/A	5	420	38.53	69.55
Hs.664325	11.31	32.66	0.35	chr1	N/A	7	73	86.45	208.59
C10orf113	5.57	16.10	0.35	chr10	10p12.31	4	304	53.44	67.06
LYST	25.73	74.32	0.35	chr1	1q42.1-q42.2	49	1760	149.63	119.57
STON2	21.06	60.85	0.35	chr14	14q31.1	66	1581	173.73	473.06
Hs.661000	9.54	27.57	0.35	chr16	N/A	12	636	72.74	89.33
PRLR	8.82	25.48	0.35	chr5	5p13.2	135	3441	92.70	777.66
Hs.664541	7.79	22.52	0.35	chr15	N/A	8	377	119.89	65.71
Hs.382230	4.57	13.20	0.35	chr5	N/A	11	332	51.74	54.59
LOC100130557	13.41	38.77	0.35	chr1	1p34.2	28	433	125.14	99.12
NGFR	23.18	67.02	0.35	chr17	17q21-q22	30	572	84.32	210.25
RPL34	623.84	1,803.61	0.35	chr4	4q25	93	868	87.65	81.41
ENTPDS	14.09	40.75	0.35	chr14	14q24	52	1290	81.05	122.31
Hs.128091	10.63	30.74	0.35	chr4	N/A	10	73	80.40	472.74
Hs.532955	4.69	13.56	0.35	chr2	N/A	9	89	38.07	109.62

REEP4	35.96	104.00	0.35	chr8	8p21.3	21	452	106.95	55.05
Hs.634213	9.57	27.68	0.35	chr1	N/A	1	304	0.00	39.82
ITIH4	36.31	105.03	0.35	chr3	3p21.1	36	1293	81.86	505.37
RAP1GDS1	30.27	87.55	0.35	chr4	4q23-q25	74	1834	94.67	139.42
Hs.557762	4.67	13.52	0.35	chr6	N/A	2	22	44.45	64.01
Hs.581573	8.63	24.97	0.35	chr3	N/A	5	22	36.01	170.93
Hs.597557	33.46	96.80	0.35	chr1	N/A	18	405	123.08	72.55
Hs.744967	60.55	175.20	0.35	chr1	N/A	5	51	60.38	69.37
TMEM100	34.89	100.96	0.35	chr17	17q22	24	525	77.12	253.22
Hs.534061	15.41	44.58	0.35	chr20	N/A	8	12	16.14	12.89
Hs.732020	7.03	20.34	0.35	chr7	N/A	12	493	72.36	57.67
Hs.49127	4.33	12.54	0.35	chr8	N/A	13	28	48.39	113.18
FAAH	22.85	66.15	0.35	chr1	1p35-p34	36	678	99.45	82.78
Hs.673989	15.84	45.86	0.35	chr6	N/A	1	304	0.00	39.23
Hs.656851	8.37	24.23	0.35	chr11	N/A	9	316	41.42	118.43
Hs.558980	3.95	11.44	0.35	chr16	N/A	7	73	20.64	109.56
FAM228B	30.61	88.64	0.35	chr2	2p23.3	12	335	61.11	50.46
Hs.150738	5.55	16.08	0.35	chr12	N/A	2	22	56.76	84.74
Hs.596959	4.44	12.85	0.35	chr12	N/A	7	73	61.10	143.40
Hs.660285	17.99	52.09	0.35	chr7	N/A	21	405	141.36	66.62
TP63	17.21	49.85	0.35	chr3	3q28	81	3077	116.11	234.77
GNAS-AS1	3.33	9.64	0.35	chr20	20q13.32	1	305	0.00	68.90
GPSM2	16.05	46.48	0.35	chr1	1p13.3	77	1585	141.99	110.76
HOXC10	14.73	42.68	0.35	chr12	12q13.3	38	561	76.10	138.83
FUT3	19.50	56.51	0.35	chr19	19p13.3	33	971	94.20	125.81
PDIA4	52.50	152.12	0.35	chr7	7q35	52	1098	81.29	81.90
AGAP11	11.22	32.50	0.35	chr10	10q23.2	13	620	40.79	66.94
HDGFRP2	42.22	122.38	0.34	chr19	19p13.3	20	343	74.01	50.03
Hs.683385	16.28	47.20	0.34	chr5	N/A	1	304	0.00	38.82
TBC1D17	26.77	77.62	0.34	chr19	19q13.33	28	531	82.71	72.59
Hs.298434	7.36	21.34	0.34	chr16	N/A	3	66	41.50	150.91
Hs.538783	4.70	13.63	0.34	chr11	N/A	5	51	91.55	55.73
LOC100130654	3.34	9.69	0.34	chr17	17q21.2	11	332	39.16	63.59
Hs.663556	3.06	8.87	0.34	chr4	N/A	1	304	0.00	76.48
Hs.662384	3.23	9.38	0.34	chr9	N/A	1	304	0.00	54.21
Hs.147694	3.99	11.58	0.34	chr4	N/A	2	22	23.98	80.71
ARPC1B	109.20	316.87	0.34	chr7	7q22.1	37	650	82.50	98.28
Hs.602178	8.78	25.46	0.34	chr2	N/A	8	377	55.70	81.29
FAM160A1	13.60	39.48	0.34	chr4	4q31.3	12	636	153.47	73.52
Hs.142737	5.69	16.52	0.34	chr12	N/A	1	44	0.00	134.99
Hs.597614	7.14	20.71	0.34	chr3	N/A	3	66	65.09	66.02
Hs.603521	4.05	11.74	0.34	chr6	N/A	7	73	35.69	92.93
MOB1A	31.99	92.83	0.34	chr2	2p13.1	83	2152	108.55	102.05
HSP90AA1	591.39	1,716.51	0.34	chr14	14q32.33	92	1992	77.29	80.12
Hs.602829	4.47	12.98	0.34	chr11	N/A	2	22	4.35	59.63
ARHGAP28	8.64	25.08	0.34	chr18	18p11.31	64	1459	77.82	150.54
CTSG	37.28	108.22	0.34	chr14	14q11.2	39	685	82.62	428.45
Hs.659325	6.42	18.63	0.34	chr13	N/A	7	73	69.06	70.72
Hs.663985	42.95	124.69	0.34	chr17	N/A	1	304	0.00	50.42
Hs.665624	9.54	27.71	0.34	chr11	N/A	1	304	0.00	73.77
Hs.292388	4.00	11.62	0.34	chr1	N/A	7	73	60.99	100.47
RNF145	58.13	168.83	0.34	chr5	5q33.3	45	1178	103.98	115.36
DKFZP434A062	9.96	28.93	0.34	chr9	9q34.3	22	919	125.78	114.94
Hs.653191	9.29	26.98	0.34	chr15	N/A	7	73	51.42	66.96
Hs.654846	5.93	17.23	0.34	chr16	N/A	7	73	68.86	76.93
Hs.740745	9.69	28.16	0.34	chr4	N/A	7	73	62.42	55.72
Hs.732899	30.66	89.08	0.34	chr1	N/A	1	304	0.00	70.53
Hs.658646	8.67	25.20	0.34	chr9	N/A	5	51	65.47	67.83
TRIM52	24.42	70.97	0.34	chr5	5q35.3	16	371	66.16	60.04
TRIM14	18.86	54.82	0.34	chr9	9q22.33	90	1984	140.92	104.35
Hs.604171	5.73	16.67	0.34	chr2	N/A	2	22	28.22	71.83
LOC100130348	7.63	22.18	0.34	chr11	11q13.1	7	73	47.85	104.57
CCER1	7.40	21.53	0.34	chr12	12q21.33	19	451	83.32	213.89
Hs.595512	8.47	24.62	0.34	chr3	N/A	7	73	18.94	61.27
Hs.734355	16.57	48.18	0.34	chr11	N/A	2	22	47.75	30.93
Hs.700945	9.18	26.69	0.34	chr8	N/A	7	73	68.51	94.47
SNAP91	20.76	60.37	0.34	chr6	6q14.2	23	491	118.56	179.15
PTPN6	52.09	151.49	0.34	chr12	12p13	54	721	146.61	248.72
WIPF2	45.63	132.69	0.34	chr17	17q21.2	75	1915	106.29	64.12
Hs.666380	6.06	17.63	0.34	chr3	N/A	2	22	35.33	61.91
LGALS1	41.69	121.26	0.34	chr2	2p14	31	852	107.70	128.20
Hs.232417	23.58	68.60	0.34	chrX	N/A	11	377	84.65	485.05
SCGB2A1	14.80	43.06	0.34	chr11	11q13	40	597	120.66	371.83
NAA40	26.41	76.85	0.34	chr11	11q13.1	36	908	64.12	68.35
FKBP6	15.85	46.14	0.34	chr7	7q11.23	35	620	79.76	171.51
Hs.575377	8.41	24.48	0.34	chr6	N/A	1	304	0.00	69.27
CDCA7	21.34	62.12	0.34	chr2	2q31	46	862	202.17	173.65
KCNE2	9.10	26.49	0.34	chr21	21q22.12	21	453	59.94	271.81
Hs.132305	7.44	21.66	0.34	chr2	N/A	4	630	83.79	59.14
Hs.555985	33.31	96.98	0.34	chr4	N/A	15	50	91.18	62.84
RNF182	11.58	33.71	0.34	chr6	6p23	16	392	55.20	105.81
MALL	50.97	148.44	0.34	chr2	2q13	42	634	128.79	187.71
Hs.732694	16.69	48.60	0.34	chr4	N/A	7	73	81.76	60.78
SLC12A2	48.65	141.70	0.34	chr5	5q23.3	58	1049	97.09	130.89
Hs.657621	35.11	102.26	0.34	chr8	N/A	1	304	0.00	130.68
Hs.659785	6.51	18.95	0.34	chr3	N/A	7	73	74.60	121.33
Hs.589927	11.43	33.28	0.34	chr22	N/A	4	306	47.40	50.28
Hs.158853	2.71	7.89	0.34	chr5	N/A	1	304	0.00	81.85
TNFRSF18	10.94	31.87	0.34	chr1	1p36.3	21	639	68.34	59.07
Hs.534870	9.02	26.27	0.34	chr11	N/A	8	377	55.69	69.54
BEX5	45.45	132.41	0.34	chrX	Xq22.1	23	469	228.34	135.82
AMMECR1	11.90	34.68	0.34	chrX	Xq22.3	72	1375	91.09	135.31
Hs.721259	13.22	38.54	0.34	chr4	N/A	22	664	52.97	143.98

Hs.372739	7.34	21.40	0.34	chr1	N/A	17	101	97.75	109.33
Hs.657282	7.70	22.43	0.34	chr16	N/A	7	73	45.95	80.05
Hs.601898	4.14	12.06	0.34	chr1	N/A	8	12	17.18	54.46
GCHI	25.18	73.40	0.34	chr14	14q22.1-q22.2	46	604	160.83	139.90
BASP1	98.83	288.16	0.34	chr5	5p15.1	54	1147	416.87	196.30
SF3B1	168.39	491.01	0.34	chr2	2q33.1	78	1954	166.92	85.67
TMEM132C	19.54	56.98	0.34	chr12	12q24.32	31	518	158.98	100.68
Hs.109154	21.10	61.52	0.34	chr2	N/A	8	377	68.04	33.91
Hs.601132	7.44	21.69	0.34	chr22	N/A	7	73	68.28	75.48
Hs.657087	3.00	8.75	0.34	chr4	N/A	1	304	0.00	72.96
LRRK2	26.47	77.20	0.34	chr12	12q12	37	650	122.47	268.53
Hs.644867	121.73	355.08	0.34	chr1	N/A	10	73	102.35	79.92
LOC100506175	12.89	37.61	0.34	chr20	N/A	1	304	0.00	34.76
ABRACL	43.73	127.57	0.34	chr6	6q24.1	23	469	65.18	125.96
LOC100506124	10.28	29.98	0.34	chr2	N/A	17	101	100.56	64.38
Hs.659547	19.06	55.61	0.34	chr8	N/A	7	73	57.95	68.02
ZNF365	12.60	36.75	0.34	chr10	10q21.2	40	826	164.20	178.71
Hs.597317	26.06	76.04	0.34	chr5	N/A	7	73	75.02	76.48
PDCL2	6.20	18.10	0.34	chr4	4q12	19	385	59.76	414.23
UBE2E2-AS1	6.37	18.59	0.34	chr3	N/A	8	377	52.03	71.09
IGSF8	40.48	118.14	0.34	chr1	1q23.1	26	466	120.23	91.25
SDR42E1	10.99	32.07	0.34	chr16	16q23.3	34	437	182.26	76.38
Hs.609816	4.78	13.95	0.34	chr6	N/A	1	304	0.00	55.45
LOC100506343	12.02	35.08	0.34	chr1	N/A	8	380	42.66	52.61
ORIS1	28.07	81.95	0.34	chr11	11q12.1	11	52	134.33	85.25
Hs.655809	20.57	60.05	0.34	chr7	N/A	1	304	0.00	35.76
Hs.597223	126.94	370.65	0.34	chr18	N/A	7	73	130.08	324.60
Hs.209508	10.10	29.50	0.34	chr18	N/A	7	73	103.94	89.79
Hs.559293	5.26	15.35	0.34	chr19	N/A	1	304	0.00	48.24
SLC26A8	12.58	36.74	0.34	chr6	6p21	35	459	152.73	282.49
Hs.662717	5.83	17.03	0.34	chr19	N/A	7	73	55.30	65.26
Hs.727124	9.53	27.85	0.34	chr1	N/A	5	420	105.98	94.26
OR4C11	23.77	69.44	0.34	chr11	11q11	8	52	130.54	64.94
CH25H	28.01	81.85	0.34	chr10	10q23	29	576	81.68	143.08
Hs.385801	9.88	28.88	0.34	chr13	N/A	4	304	51.47	39.25
Hs.367445	7.70	22.50	0.34	chr1	N/A	5	51	76.25	372.07
Hs.662859	6.24	18.25	0.34	chr9	N/A	7	73	63.97	466.55
Hs.744416	19.92	58.25	0.34	chr9	N/A	1	304	0.00	39.99
Hs.657965	9.40	27.50	0.34	chr9	N/A	8	377	55.86	62.97
Hs.660627	11.08	32.40	0.34	chr9	N/A	7	73	56.53	75.53
MESP2	20.45	59.81	0.34	chr15	15q26.1	7	660	166.99	77.29
Hs.663111	6.73	19.67	0.34	chr4	N/A	8	377	79.55	70.49
ALOX5AP	62.29	182.19	0.34	chr13	13q12	47	678	110.93	174.48
STK4-AS1	10.58	30.95	0.34	chr20	N/A	11	332	25.65	54.99
Hs.673998	10.23	29.93	0.34	chr7	N/A	1	304	0.00	61.91
Hs.668044	9.21	26.96	0.34	chr4	N/A	7	73	72.57	54.41
Hs.658287	6.20	18.14	0.34	chr10	N/A	10	332	80.62	117.05
Hs.715973	3.41	9.98	0.34	chr7	N/A	10	28	39.26	97.24
FAM111A	30.45	89.07	0.34	chr11	11q12.1	45	820	64.95	111.34
PAN3-AS1	6.50	19.03	0.34	chr13	13q12.2	1	304	0.00	56.84
BET1	27.49	80.43	0.34	chr7	7q21.1-q22	35	571	87.62	65.56
Hs.713997	67.02	196.12	0.34	chr20	N/A	7	73	60.26	74.72
LOC100130417	7.90	23.12	0.34	chr1	1p36.33	15	636	61.07	109.84
LINC00639	4.77	13.97	0.34	chr14	14q21.1	1	307	0.00	66.67
Hs.598067	6.13	17.95	0.34	chr16	N/A	10	28	23.74	80.29
Hs.655665	11.65	34.09	0.34	chr1	N/A	7	73	59.74	54.88
WDFY4	16.86	49.35	0.34	chr10	10q11.23	37	783	147.34	94.32
PRKACB	54.98	160.96	0.34	chr1	1p31.1	65	1406	173.57	167.44
SLC36A1	18.94	55.44	0.34	chr5	5q33.1	57	1156	125.90	110.35
Hs.144387	4.95	14.48	0.34	chr11	N/A	7	73	25.55	64.93
SPTBN4	12.29	36.00	0.34	chr19	19q13.13	41	1701	104.05	107.96
LMO3	16.65	48.76	0.34	chr12	12p12.3	39	1485	91.47	233.48
Hs.661554	24.87	72.83	0.34	chr4	N/A	1	304	0.00	79.47
Hs.522850	8.17	23.92	0.34	chr10	N/A	7	73	59.09	60.16
HIST1H1T	10.04	29.40	0.34	chr6	6p21.3	24	796	129.51	70.81
Hs.560741	16.18	47.39	0.34	chr2	N/A	4	304	47.79	56.96
Hs.658657	16.22	47.52	0.34	chr2	N/A	1	304	0.00	109.17
LINC00858	3.18	9.33	0.34	chr10	10q23.1	1	304	0.00	55.83
UBQLN3	16.68	48.88	0.34	chr11	11p15	28	530	89.39	379.67
Hs.597702	9.04	26.49	0.34	chr2	N/A	1	304	0.00	66.62
SRD5A2	11.89	34.85	0.34	chr2	2p23	37	638	151.33	112.42
TEKT1	8.73	25.59	0.34	chr17	17p13.1	21	410	98.36	142.80
DPP6	20.37	59.69	0.34	chr7	7q36.2	65	1325	176.36	115.54
Hs.690437	17.10	50.11	0.34	chr6	N/A	5	420	56.41	51.97
Hs.687145	5.26	15.41	0.34	chr6	N/A	5	420	47.42	88.52
LOC401442	8.24	24.14	0.34	chr8	8p23.3	4	304	86.52	37.11
SP140L	10.42	30.53	0.34	chr2	2q37.1	49	1126	80.57	97.75
CD53	98.36	288.38	0.34	chr1	1p13	43	964	282.92	242.47
TMBIM1	111.16	325.94	0.34	chr2	2q35	31	493	55.29	68.77
Hs.610002	10.56	30.95	0.34	chr10	N/A	10	28	35.19	156.73
STXBP1	75.15	220.40	0.34	chr9	9q34.1	53	678	95.88	156.49
Hs.517125	13.59	39.85	0.34	chr20	N/A	5	22	60.22	146.23
PAPLN	28.70	84.18	0.34	chr14	14q24.2	57	857	105.08	173.74
OR7D4	53.92	158.17	0.34	chr19	19p13.2	20	132	179.84	102.41
NPHP3-AS1	6.68	19.60	0.34	chr3	3q22.1	2	608	43.63	74.83
MMP12	8.45	24.80	0.34	chr11	11q22.3	38	559	68.47	135.87
Hs.157606	5.18	15.19	0.34	chr5	N/A	3	66	70.72	52.92
LOC100129502	24.27	71.24	0.34	chr15	15q26.1	25	482	100.30	67.93
NTSC1B	8.48	24.90	0.34	chr2	2p24.2	33	704	170.95	246.12
Hs.511399	10.32	30.31	0.34	chr15	N/A	8	377	36.87	38.14
TUFT1	40.18	117.99	0.34	chr1	1q21	38	554	77.02	107.79
Hs.655798	12.44	36.53	0.34	chr3	N/A	8	377	80.01	67.60
Hs.673558	5.12	15.03	0.34	chr15	N/A	2	608	46.19	78.82

Hs.665468	6.66	19.55	0.34	chr2	N/A	7	73	57.69	89.90
Hs.603095	7.73	22.70	0.34	chr6	N/A	7	73	73.11	60.96
Hs.124405	21.83	64.13	0.34	chr16	N/A	1	304	0.00	37.30
PTPRT	13.48	39.59	0.34	chr20	20q12-q13	44	601	96.09	132.22
ATP4A	10.58	31.08	0.34	chr19	19q13.1	23	493	123.33	509.30
C1orf100	9.00	26.44	0.34	chr1	1q44	21	405	84.05	227.11
TSGA10	6.80	19.99	0.34	chr2	2q11.2	35	835	40.62	194.62
ARSD	21.25	62.45	0.34	chrX	Xp22.3	66	2299	129.52	94.61
Hs.669794	3.89	11.43	0.34	chr3	N/A	1	304	0.00	85.67
Hs.365071	11.75	34.54	0.34	chr12	N/A	11	377	75.82	45.79
CYTL1	18.91	55.61	0.34	chr4	4p16-p15	28	532	66.15	427.35
Hs.143374	3.57	10.50	0.34	chr15	N/A	1	304	0.00	66.86
ERIC2	32.95	96.91	0.34	chr2	2q31.1	2	16	40.56	145.66
LOC100653005	6.15	18.08	0.34	chr6	N/A	2	609	6.23	90.96
SMURF2	28.87	84.90	0.34	chr17	17q22-q23	57	1656	146.90	95.36
HOXB7	17.10	50.29	0.34	chr17	17q21.3	55	1484	87.71	96.18
Hs.733682	12.04	35.42	0.34	chr10	N/A	10	28	48.75	55.24
Hs.667799	9.02	26.53	0.34	chr13	N/A	8	377	65.19	57.55
SUMO4	86.07	253.22	0.34	chr6	6q25	8	420	123.94	39.94
Hs.675448	6.99	20.58	0.34	chr1	N/A	11	332	54.37	73.22
Hs.667488	5.82	17.12	0.34	chr22	N/A	7	73	30.27	56.53
HNRNPK	232.83	685.13	0.34	chr9	9q21.32-q21.3	51	1070	106.15	60.77
Hs.638913	8.19	24.09	0.34	chr4	N/A	4	304	72.26	34.52
Hs.667813	3.60	10.58	0.34	chr5	N/A	1	304	0.00	65.21
ITGAD	14.30	42.09	0.34	chr16	16p11.2	28	451	228.15	93.34
Hs.595930	6.79	19.98	0.34	chr7	N/A	7	73	55.26	49.92
ZNF618	19.74	58.10	0.34	chr9	9q32	65	1234	76.99	62.03
HSP2BP	12.22	35.96	0.34	chr21	21q22.3	30	566	94.36	93.52
LOC100128343	32.07	94.42	0.34	chr14	14q32.33	11	332	33.52	115.43
NBPF8	157.86	464.71	0.34	chr1	1q21.1	7	73	63.32	129.22
Hs.672684	7.79	22.92	0.34	chr4	N/A	7	73	26.88	63.27
C1orf94	11.59	34.12	0.34	chr1	1p34.3	19	387	42.10	152.06
Hs.655726	5.55	16.33	0.34	chr12	N/A	7	73	65.04	77.94
Hs.622344	21.52	63.37	0.34	chr17	N/A	10	28	33.58	46.94
C1QTNF3	16.59	48.85	0.34	chr5	5p13	45	820	115.30	107.52
Hs.660417	6.36	18.75	0.34	chr8	N/A	7	73	33.76	63.22
ACAP2	22.38	65.93	0.34	chr3	3q29	70	1539	104.89	129.91
SCARB1	32.48	95.69	0.34	chr12	12q24.31	75	1923	103.88	307.59
MST1	28.58	84.21	0.34	chr3	3p21	66	2070	96.76	243.48
DNAJB3	7.91	23.31	0.34	chr2	2q37	39	285	69.43	185.84
CROT	25.74	75.85	0.34	chr7	7q21.1	38	954	76.48	108.93
Hs.666509	10.44	30.76	0.34	chr10	N/A	7	73	108.39	68.47
Hs.389441	5.31	15.64	0.34	chr17	N/A	1	304	0.00	99.51
Hs.993333	6.48	19.10	0.34	chr3	N/A	7	73	38.13	415.62
TRIM25	32.04	94.43	0.34	chr17	17q23.2	53	1025	109.94	102.76
Hs.480068	42.67	125.74	0.34	chr4	N/A	4	370	44.98	102.68
Hs.662808	6.68	19.68	0.34	chr5	N/A	3	320	67.54	66.43
RNF19B	33.39	98.39	0.34	chr1	1p35.1	31	978	105.87	87.97
Hs.541752	7.02	20.69	0.34	chr2	N/A	10	73	75.82	93.80
Hs.131181	10.17	29.98	0.34	chr6	N/A	4	304	68.31	30.58
Hs.721950	233.87	689.41	0.34	chr8	N/A	7	73	65.93	164.24
IL2RG	47.25	139.29	0.34	chrX	Xq13.1	40	642	91.40	156.13
Hs.568616	4.51	13.30	0.34	chr1	N/A	1	304	0.00	53.82
Hs.672399	5.60	16.52	0.34	chr6	N/A	10	31	57.62	58.63
MLC1	13.46	39.69	0.34	chr22	22q13.33	39	572	91.69	204.39
CENL2	49.91	147.20	0.34	chr1	1p36.33	69	1407	88.69	109.41
Hs.159750	4.36	12.86	0.34	chr11	N/A	1	304	0.00	87.43
NDRG1	214.44	632.62	0.34	chr8	8q24.3	68	909	132.95	129.29
TRIM72	16.94	49.99	0.34	chr16	16p11.2	26	413	78.26	166.33
Hs.624309	6.61	19.51	0.34	chr1	N/A	1	304	0.00	59.98
Hs.145149	7.48	22.06	0.34	chr1	N/A	5	22	43.56	72.27
Hs.597497	6.87	20.27	0.34	chr19	N/A	7	73	104.88	90.46
BOD1L1	22.89	67.55	0.34	chr4	4p16.1	66	949	85.85	123.06
THRSP	48.59	143.41	0.34	chr11	11q14.1	31	1024	102.24	323.10
OTOA	6.53	19.27	0.34	chr16	16p12.2	26	334	52.67	66.22
Hs.593601	13.12	38.72	0.34	chr2	N/A	8	377	93.86	258.76
Hs.264236	5.40	15.93	0.34	chr5	N/A	16	354	61.91	79.92
Hs.635300	3.54	10.45	0.34	chr16	N/A	7	73	66.14	84.13
OGDHL	25.21	74.42	0.34	chr10	10q11.23	28	530	76.27	166.79
Hs.440088	17.30	51.07	0.34	chr5	N/A	13	28	111.10	19.81
Hs.602242	7.76	22.91	0.34	chr13	N/A	7	73	37.68	61.18
Hs.682881	6.70	19.78	0.34	chr6	N/A	1	304	0.00	43.88
Hs.656223	6.39	18.88	0.34	chr12	N/A	11	332	39.21	69.61
Hs.666619	16.62	49.08	0.34	chr1	N/A	7	73	94.72	501.92
Hs.604181	4.51	13.31	0.34	chr7	N/A	2	22	31.56	72.31
NTRK2	34.16	100.93	0.34	chr9	9q22.1	132	2793	160.31	220.95
Hs.736582	15.44	45.61	0.34	chr13	N/A	1	304	0.00	69.88
Hs.713240	7.66	22.64	0.34	chr14	N/A	14	332	57.01	96.52
Hs.604117	7.09	20.95	0.34	chr2	N/A	2	22	73.37	55.87
SPAG5	17.16	50.72	0.34	chr17	17q11.2	37	646	85.84	229.62
NOP58	83.27	246.09	0.34	chr2	2q33.1	17	344	70.05	45.35
Hs.667702	11.25	33.26	0.34	chr8	N/A	1	304	0.00	46.73
Hs.48447	3.67	10.84	0.34	chr14	N/A	5	22	19.88	91.07
Hs.687700	11.29	33.37	0.34	chr5	N/A	2	16	33.01	23.98
Hs.437360	10.21	30.20	0.34	chr21	N/A	4	304	59.94	63.56
CST8	10.19	30.14	0.34	chr20	20p11.21	21	453	79.51	90.64
CPNE7	21.83	64.55	0.34	chr16	16q24.3	33	456	118.59	72.01
MCTP1	11.87	35.11	0.34	chr5	5q15	40	840	94.06	89.79
Hs.604382	5.71	16.90	0.34	chr3	N/A	7	73	59.97	63.15
LOC100240735	7.84	23.19	0.34	chr12	12q13.13	20	328	54.26	48.20
DNMBP	20.09	59.44	0.34	chr10	10q24.2	32	979	78.50	106.96
Hs.731870	20.50	60.64	0.34	chr17	N/A	8	377	80.69	41.70
Hs.667527	6.72	19.87	0.34	chr9	N/A	3	326	64.69	41.06

Hs.732603	6.62	19.58	0.34	chr2	N/A	7	73	71.67	73.28
Hs.685031	2.67	7.89	0.34	chr2	N/A	1	304	0.00	86.08
Hs.731678	24.14	71.43	0.34	chr9	N/A	7	73	52.03	59.13
Hs.438858	14.32	42.37	0.34	chr9	N/A	1	304	0.00	75.85
Hs.656171	9.86	29.17	0.34	chr13	N/A	5	420	135.43	86.32
Hs.603638	7.12	21.06	0.34	chr3	N/A	2	22	73.61	136.40
ANKRD55	10.74	31.81	0.34	chr5	5q11.2	31	525	86.03	93.79
VIM-AS1	12.69	37.55	0.34	chr10	N/A	17	101	81.84	98.64
Hs.335553	9.05	26.79	0.34	chr19	N/A	1	304	0.00	61.23
Hs.659259	16.52	48.92	0.34	chr11	N/A	15	702	48.64	77.93
TMEM45B	25.16	74.49	0.34	chr11	11q24.3	27	770	182.49	137.71
PACS2	58.70	173.84	0.34	chr14	14q32.33	47	1621	83.10	115.21
Hs.666054	6.65	19.70	0.34	chr18	N/A	7	73	54.77	74.69
OSBPL8	50.59	149.84	0.34	chr12	12q14	73	1899	201.73	123.09
Hs.418279	12.51	37.04	0.34	chr21	N/A	17	398	55.98	68.85
LOC100507584	17.32	51.30	0.34	chr6	N/A	20	1013	258.81	190.50
Hs.651218	6.08	18.00	0.34	chr7	N/A	7	73	61.12	97.47
ABC8	10.41	30.83	0.34	chr7	7q36	46	994	69.90	84.11
FLRT1	17.73	52.50	0.34	chr11	11q12-q13	27	570	83.46	74.12
Hs.667146	5.16	15.29	0.34	chr11	N/A	2	22	52.43	58.58
Hs.660127	34.04	100.85	0.34	chr15	N/A	1	304	0.00	52.42
Hs.636964	6.27	18.57	0.34	chr4	N/A	7	73	97.27	192.37
Hs.658232	16.19	47.99	0.34	chr5	N/A	4	370	36.38	70.48
Hs.730992	49.17	145.72	0.34	chr9	N/A	1	304	0.00	65.88
LOC100507534	3.06	9.06	0.34	chr16	N/A	1	304	0.00	66.21
Hs.655612	8.52	25.27	0.34	chr9	N/A	7	73	52.30	63.67
Hs.117259	6.41	19.01	0.34	chr17	N/A	7	73	53.28	68.00
SNAI2	37.62	111.56	0.34	chr8	8q11	50	671	104.98	189.31
Hs.715945	6.26	18.56	0.34	chr2	N/A	2	22	41.02	75.81
ZNF865	4.86	14.41	0.34	chr19	19q13.42	2	608	57.05	80.97
FAM153C	10.24	30.38	0.34	chr5	5q35.3	8	16	51.96	75.36
Hs.666747	7.76	23.01	0.34	chr7	N/A	2	22	48.16	178.89
Hs.709835	14.12	41.89	0.34	chr19	N/A	1	304	0.00	30.20
CCR5	20.88	61.94	0.34	chr3	3p21.31	51	718	73.81	101.20
Hs.594687	14.61	43.33	0.34	chr12	N/A	7	73	48.72	99.00
FTCD	19.83	58.83	0.34	chr21	21q22.3	36	2055	150.45	270.71
Hs.146520	9.04	26.83	0.34	chr15	N/A	15	450	59.60	50.45
HSPA2	90.99	270.01	0.34	chr14	14q24.1	35	616	83.49	172.71
WNT7B	14.45	42.90	0.34	chr22	22q13	38	781	140.05	120.45
SACMIL	62.66	185.96	0.34	chr3	3p21.3	37	645	135.65	78.18
HOOK1	19.28	57.21	0.34	chr1	1p32.1	46	943	103.64	147.13
ANGPTL6	9.80	29.09	0.34	chr19	19p13.2	19	390	37.08	120.23
Hs.657504	12.73	37.77	0.34	chr16	N/A	15	450	69.50	50.28
PRRC2B	41.86	124.25	0.34	chr9	9q34.13	63	1510	109.12	81.87
RAP1B	132.13	392.28	0.34	chr12	12q14	81	932	139.27	93.95
Hs.146663	4.97	14.76	0.34	chr10	N/A	7	73	30.49	74.36
FBXO39	6.58	19.55	0.34	chr17	17p13.1	24	406	71.59	75.21
Hs.671908	2.80	8.33	0.34	chr15	N/A	1	304	0.00	56.16
PAQR4	21.80	64.76	0.34	chr16	16p13.3	30	520	138.80	91.32
Hs.619028	56.58	168.09	0.34	chr7	N/A	10	28	19.75	34.33
Hs.592571	36.20	107.57	0.34	chr16	N/A	8	377	44.94	52.99
Hs.656661	11.85	35.20	0.34	chr22	N/A	29	594	153.64	84.39
CT45A1	5.96	17.71	0.34	chrX	Xq26.3	19	28	85.44	123.50
SOX10	29.37	87.27	0.34	chr22	22q13.1	44	1017	68.02	175.25
APOM	32.83	97.57	0.34	chr6	6p21.33	56	1168	121.50	206.23
BOLL	21.12	62.75	0.34	chr2	2q33	50	603	292.78	291.14
C14orf1	27.36	81.32	0.34	chr14	14q24.3	57	1528	93.15	119.59
Hs.600844	71.17	211.54	0.34	chr1	N/A	18	405	116.16	48.90
Hs.597628	7.03	20.90	0.34	chr5	N/A	7	73	49.48	98.71
ITGAL	24.84	73.86	0.34	chr16	16p11.2	61	1043	95.75	171.08
HP1BP3	93.99	279.50	0.34	chr1	1p36.12	66	1956	109.46	111.76
CBR3	24.68	73.38	0.34	chr21	21q22.2	40	601	94.61	136.20
SDCBP	174.36	518.67	0.34	chr8	8q12	67	720	123.13	88.87
TMED6	16.63	49.48	0.34	chr16	16q22.1	26	465	119.53	465.57
NPIP	244.85	728.54	0.34	chr16	16p13.11	64	1075	144.57	79.95
Hs.732998	4.78	14.21	0.34	chr9	N/A	1	304	0.00	59.94
LRRC27	11.08	32.96	0.34	chr10	10q26.3	37	1345	48.85	114.04
OR1J1	99.09	294.95	0.34	chr9	9q33.2	8	52	150.30	55.24
Hs.709832	22.21	66.11	0.34	chr11	N/A	15	87	85.36	201.51
Hs.129796	11.93	35.50	0.34	chr2	N/A	7	73	45.12	126.53
FOXJ1	11.36	33.80	0.34	chr17	17q25.1	40	605	62.45	104.16
Hs.599338	11.63	34.64	0.34	chr9	N/A	5	420	43.51	123.48
KIAA1045	11.94	35.55	0.34	chr9	9p13.3	29	984	135.95	105.44
TTYH1	23.56	70.18	0.34	chr19	19q13.4	41	560	92.80	289.12
Hs.732777	17.62	52.49	0.34	chr1	N/A	2	608	37.20	92.62
ANKRD49	32.65	97.26	0.34	chr11	11q21	28	533	68.06	69.36
Hs.652501	17.46	52.01	0.34	chr1	N/A	8	377	66.48	56.76
FCHO2	24.34	72.51	0.34	chr5	5q13.2	50	937	137.35	120.14
Hs.653172	7.10	21.14	0.34	chr7	N/A	4	370	64.38	84.41
BTK	16.91	50.38	0.34	chrX	Xq21.33-q22	30	570	97.03	149.39
FAM122B	31.81	94.80	0.34	chrX	Xq26.3	28	1075	111.45	74.55
TMEM52	17.88	53.30	0.34	chr1	1p36.33	18	393	48.35	216.65
Hs.128357	30.79	91.78	0.34	chr16	N/A	7	73	96.81	146.88
Hs.664825	13.26	39.52	0.34	chr6	N/A	7	73	69.23	58.79
OR9K2	56.38	168.05	0.34	chr12	12q13.2	5	52	131.99	53.29
Hs.210585	7.23	21.56	0.34	chr1	N/A	7	73	89.76	97.44
Hs.602921	5.35	15.94	0.34	chr2	N/A	7	73	90.39	195.96
GABRR2	17.78	53.00	0.34	chr6	6q15	22	493	134.89	77.75
AP1M2	21.59	64.37	0.34	chr19	19p13.2	33	958	84.35	93.54
FAM184A	11.09	33.08	0.34	chr6	6q22.31	43	1340	92.04	101.53
Hs.662939	12.77	38.08	0.34	chr13	N/A	7	73	78.87	93.04
DHX33	32.79	97.77	0.34	chr17	17p13.2	37	790	88.68	37.19
HOXA7	14.42	43.02	0.34	chr7	7p15.2	46	1577	107.13	105.74

Hs.745229	6.25	18.64	0.34	chr18	N/A	7	73	49.39	92.85
LOC100505666	7.03	20.96	0.34	chr1	N/A	8	377	56.06	49.26
Hs.9123	7.81	23.29	0.34	chr2	N/A	17	146	73.33	508.29
Hs.671504	5.04	15.05	0.34	chr6	N/A	1	304	0.00	63.46
Hs.658171	12.16	36.28	0.34	chr8	N/A	8	377	92.85	60.85
PPP1R32	10.15	30.29	0.34	chr11	11q12.2	26	472	86.02	152.62
Hs.660128	8.17	24.39	0.34	chr6	N/A	8	377	43.92	48.19
CCR8	7.48	22.32	0.34	chr3	3p22	33	520	75.36	85.58
Hs.662240	4.06	12.11	0.33	chr4	N/A	1	304	0.00	127.47
Hs.659115	9.92	29.62	0.33	chr19	N/A	18	406	121.85	46.98
CPO	6.47	19.32	0.33	chr2	2q33.3	17	334	33.06	44.14
LGR5	10.02	29.92	0.33	chr12	12q22-q23	44	1097	94.47	141.40
RAB13	126.81	378.77	0.33	chr1	1q21.2	23	492	94.26	61.19
MAP3K4	41.71	124.59	0.33	chr6	6q26	47	1109	101.08	72.64
ARHGEF4	15.03	44.89	0.33	chr2	2q22	53	1441	92.72	180.69
LOC729995	5.22	15.61	0.33	chr6	6q27	2	22	15.93	182.75
Hs.633385	26.63	79.57	0.33	chr10	N/A	5	425	149.68	62.79
Hs.208447	9.23	27.58	0.33	chr1	N/A	13	28	30.78	35.08
BIN3	31.70	94.75	0.33	chr8	8p21.3	49	896	68.38	53.94
Hs.635217	6.36	19.00	0.33	chr2	N/A	1	304	0.00	57.78
Hs.657496	4.89	14.62	0.33	chr18	N/A	7	73	25.68	85.62
TCHP	19.51	58.33	0.33	chr12	12q24.11	41	916	92.48	97.71
Hs.707327	7.55	22.56	0.33	chr2	N/A	1	304	0.00	60.10
Hs.530398	4.60	13.76	0.33	chr10	N/A	1	304	0.00	80.14
Hs.407613	10.93	32.68	0.33	chr17	N/A	4	304	61.46	49.65
Hs.714878	16.62	49.70	0.33	chr6	N/A	8	377	62.46	76.63
Hs.741809	2.79	8.33	0.33	chr16	N/A	2	22	8.42	60.55
PRELID2	19.06	56.98	0.33	chr5	5q32	31	409	92.87	53.64
ZBPB	25.68	76.80	0.33	chr7	7p14.3	30	565	160.02	463.71
Hs.741672	4.08	12.20	0.33	chr14	N/A	1	304	0.00	71.08
TRIAP1	42.44	126.92	0.33	chr12	12q24.31	27	572	96.03	58.83
Hs.740635	6.23	18.63	0.33	chr5	N/A	1	304	0.00	40.89
DDIT4	139.81	418.19	0.33	chr10	10q22.1	47	690	104.52	113.79
Hs.595754	11.62	34.75	0.33	chr19	N/A	15	448	80.92	142.70
KCNE3	13.34	39.92	0.33	chr11	11q13.4	33	1122	97.75	149.78
SDC2	58.52	175.10	0.33	chr8	8q22-q23	35	992	83.34	121.83
LRRC70	7.27	21.75	0.33	chr5	5q12.1	11	332	44.36	81.85
AHCYL1	105.11	314.56	0.33	chr1	1p13.2	74	2076	120.81	162.96
Hs.368755	12.54	37.54	0.33	chr12	N/A	1	304	0.00	64.53
Hs.23331	11.82	35.40	0.33	chr9	N/A	7	73	88.52	74.49
IL37	10.57	31.67	0.33	chr2	2q12-q14.1	28	758	68.16	138.33
ZBTB12	8.06	24.15	0.33	chr6	6p21.33	22	385	96.99	98.68
Hs.675502	4.83	14.48	0.33	chr11	N/A	1	304	0.00	63.89
Hs.147030	8.46	25.36	0.33	chr3	N/A	11	377	50.25	67.19
HSBP1L1	19.72	59.08	0.33	chr18	18q23	21	360	62.71	51.04
SPAG5-AS1	11.29	33.85	0.33	chr17	N/A	12	62	40.07	95.07
SLC8A3	9.98	29.91	0.33	chr14	14q24.1	45	841	87.01	103.06
C20orf85	20.76	62.23	0.33	chr20	20q13.32	36	489	99.55	300.66
BARX2	12.87	38.58	0.33	chr11	11q25	23	488	76.38	101.52
Hs.659910	27.97	83.84	0.33	chr10	N/A	1	304	0.00	62.38
Hs.729492	8.38	25.12	0.33	chr1	N/A	8	377	86.14	51.96
GBGT1	14.40	43.16	0.33	chr9	9q34.13-q34.3	33	530	97.99	98.25
CD1E	15.32	45.94	0.33	chr1	1q22-q23	45	1044	93.40	593.03
LBP	27.70	83.05	0.33	chr20	20q11.23	40	1045	117.28	517.65
PGAM1	249.86	749.27	0.33	chr10	10q25.3	38	571	108.41	63.32
Hs.680442	3.76	11.27	0.33	chr8	N/A	1	304	0.00	57.18
LOC728716	5.63	16.88	0.33	chr1	1p36.32	12	648	44.08	51.21
GSTM5	38.87	116.58	0.33	chr1	1p13.3	49	726	95.57	151.42
Hs.613629	5.95	17.84	0.33	chr9	N/A	1	304	0.00	53.53
TSPAN13	116.81	350.44	0.33	chr7	7p21.1	31	538	55.73	114.19
Hs.143077	6.32	18.96	0.33	chr10	N/A	10	399	53.77	59.17
Hs.657859	10.17	30.52	0.33	chr7	N/A	5	51	58.30	108.65
DCAF12L2	5.10	15.29	0.33	chrX	Xq25	7	304	31.72	89.25
ZNF276	18.16	54.50	0.33	chr16	16q24.3	32	784	60.49	44.26
Hs.307979	5.99	17.97	0.33	chr11	N/A	7	73	74.99	99.54
C7orf72	4.00	11.99	0.33	chr7	7p12.2	3	66	3.30	62.36
Hs.610023	7.42	22.27	0.33	chr16	N/A	8	377	61.06	56.26
Hs.662081	9.96	29.88	0.33	chr1	N/A	2	22	55.24	123.79
Hs.667761	7.93	23.79	0.33	chr9	N/A	7	73	88.14	178.55
Hs.730666	16.06	48.21	0.33	chr12	N/A	7	73	88.28	82.07
Hs.660051	8.03	24.11	0.33	chr13	N/A	7	73	62.63	104.70
Hs.666421	5.81	17.43	0.33	chr20	N/A	3	66	54.06	75.43
UCHL1	118.43	355.52	0.33	chr4	4p14	31	880	104.56	261.70
Hs.710399	26.65	80.00	0.33	chr17	N/A	1	304	0.00	93.81
LAD1	33.26	99.87	0.33	chr1	1q25.1-q32.3	47	990	122.63	146.96
LOC401320	17.24	51.76	0.33	chr7	7p15.1	76	2870	144.85	87.27
Hs.60456	18.77	56.37	0.33	chr5	N/A	6	66	84.07	193.05
RASA1	41.30	124.05	0.33	chr5	5q13.3	64	1255	103.30	75.62
CDH16	15.88	47.71	0.33	chr16	16q22.1	58	859	117.53	353.41
Hs.667765	16.42	49.31	0.33	chr15	N/A	8	377	83.44	53.11
LOC100134317	5.31	15.97	0.33	chr19	19q13.12	2	16	62.06	43.60
RBP5	20.86	62.67	0.33	chr12	12p13.31	35	586	139.75	261.77
Hs.667977	44.44	133.52	0.33	chr3	N/A	2	16	100.13	127.12
Hs.20798	14.16	42.55	0.33	chrX	N/A	11	377	79.30	60.07
Hs.673353	18.03	54.19	0.33	chr3	N/A	1	304	0.00	38.47
DDR1	110.13	330.92	0.33	chr6	6p21.3	80	2000	96.16	86.67
Hs.602632	4.04	12.15	0.33	chr7	N/A	2	22	53.66	68.40
SLCO1C1	7.57	22.74	0.33	chr12	12p12.2	24	458	73.71	102.37
Hs.564504	10.61	31.90	0.33	chr12	N/A	28	478	76.42	85.35
Hs.732957	45.35	136.35	0.33	chr11	N/A	1	304	0.00	68.64
SUV420H2	17.23	51.79	0.33	chr19	19q13.42	26	764	119.12	125.97
Hs.17519	12.71	38.23	0.33	chr4	N/A	18	405	111.76	104.35
Hs.597689	17.21	51.75	0.33	chr1	N/A	10	28	13.50	66.65

LOC284578	5.91	17.77	0.33	chr1	1q32.1	1	304	0.00	78.96
RRM2	19.96	60.05	0.33	chr2	2p25-p24	52	1086	95.42	169.44
Hs.444975	63.45	190.88	0.33	chr6	N/A	17	509	82.08	102.22
Hs.638709	6.97	20.97	0.33	chr1	N/A	11	332	93.77	44.10
CYP8B1	26.17	78.74	0.33	chr3	3p22.1	24	417	97.36	295.00
FLJ45513	12.00	36.12	0.33	chr17	17q21.33	1	304	0.00	34.07
Hs.660526	5.82	17.51	0.33	chr1	N/A	7	73	43.28	73.75
OGFRL1	41.48	124.86	0.33	chr6	6q13	36	1207	127.63	235.97
Hs.525339	45.31	136.38	0.33	chr14	N/A	17	101	105.23	152.22
MOGAT2	10.91	32.83	0.33	chr11	11q13.5	29	786	57.90	120.91
PROC	12.30	37.02	0.33	chr2	2q13-q14	30	569	117.36	243.28
PCDH8	7.68	23.14	0.33	chr13	13q21.1	33	569	81.07	174.47
Hs.732799	14.54	43.79	0.33	chr4	N/A	7	73	87.28	60.11
ZNF843	42.17	126.98	0.33	chr16	16p11.2	15	643	54.49	305.52
Hs.542743	3.76	11.31	0.33	chr22	N/A	2	22	68.38	81.58
Hs.323878	12.74	38.37	0.33	chr2	N/A	1	304	0.00	46.12
LAT2	19.04	57.36	0.33	chr7	7q11.23	59	1018	94.63	103.32
Hs.293907	9.40	28.33	0.33	chr18	N/A	7	73	79.75	57.48
Hs.601033	6.35	19.14	0.33	chr1	N/A	5	51	37.62	74.08
Hs.655676	14.47	43.60	0.33	chr9	N/A	11	332	82.29	136.06
Hs.664161	5.84	17.60	0.33	chr17	N/A	1	304	0.00	157.09
CFL1	761.25	2,294.01	0.33	chr11	11q13	34	836	146.64	79.01
LOC100271832	9.13	27.51	0.33	chr2	2p22.3	1	304	0.00	42.57
Hs.720522	19.41	58.50	0.33	chr2	N/A	7	73	97.50	50.52
Hs.676482	3.01	9.08	0.33	chr10	N/A	1	316	0.00	75.64
Hs.603726	12.93	38.97	0.33	chr6	N/A	2	22	24.69	102.99
Hs.552181	14.74	44.47	0.33	chrX	N/A	5	63	59.89	65.75
Hs.434392	17.34	52.31	0.33	chr12	N/A	4	370	63.28	69.51
DNAJC5G	12.32	37.16	0.33	chr2	2p23.3	20	407	63.50	73.46
Hs.148294	5.70	17.19	0.33	chr5	N/A	3	66	38.23	79.09
SNCA	32.12	96.91	0.33	chr4	4q21	100	2591	103.43	181.75
LOC100131826	7.21	21.77	0.33	chr4	4q21.1	10	28	40.76	90.05
SNHG11	24.03	72.51	0.33	chr20	20q11.23	23	466	98.18	45.11
ACTR13	17.88	53.96	0.33	chr3	3q26.2	26	466	183.96	247.97
Hs.582098	4.96	14.98	0.33	chr4	N/A	10	73	79.51	79.59
Hs.670421	80.00	241.47	0.33	chr5	N/A	1	304	0.00	47.84
NPY1R	18.27	55.16	0.33	chr4	4q31.3-q32	30	565	207.29	202.21
HSD17B7	59.91	180.86	0.33	chr1	1q23	48	639	220.26	83.31
CD1C	18.30	55.24	0.33	chr1	1q22-q23	33	569	129.03	253.09
CX3CR1	24.15	72.90	0.33	chr3	3p21.3	34	874	91.08	201.98
RGS4	21.26	64.18	0.33	chr1	1q23.3	64	1601	99.64	246.81
Hs.559523	3.06	9.24	0.33	chr9	N/A	4	304	17.13	66.10
GCK	9.27	27.99	0.33	chr7	7p15.3-p15.1	29	492	48.01	112.13
Hs.666491	7.19	21.70	0.33	chr9	N/A	1	304	0.00	51.28
BEX2	95.59	288.69	0.33	chrX	Xq22	24	417	109.56	153.60
STK32C	12.28	37.10	0.33	chr10	10q26.3	21	459	73.49	98.08
CDO1	48.33	145.96	0.33	chr5	5q23.2	33	577	67.55	167.50
Hs.386421	7.20	21.75	0.33	chr20	N/A	7	73	57.32	57.49
LINC00661	10.06	30.41	0.33	chr19	19p13.12	6	646	104.45	162.01
Hs.632960	47.99	145.08	0.33	chr8	N/A	12	498	135.95	69.86
LY75	26.23	79.31	0.33	chr2	2q24	45	697	136.46	136.33
Hs.656797	26.87	81.24	0.33	chr4	N/A	8	377	115.02	62.25
Hs.664549	6.55	19.81	0.33	chr18	N/A	7	73	65.55	63.03
Hs.493159	8.44	25.53	0.33	chr8	N/A	8	377	55.77	76.52
FAM13A	37.26	112.68	0.33	chr4	4q22.1	90	2222	160.58	113.92
Hs.644033	42.28	127.89	0.33	chr17	N/A	4	304	46.43	42.54
DAO	18.47	55.86	0.33	chr12	12q24	44	715	154.89	144.66
C7orf41	71.17	215.29	0.33	chr7	7p14.3	61	972	132.58	243.23
Hs.664088	6.98	21.12	0.33	chr12	N/A	7	73	37.63	107.74
Hs.720596	14.76	44.65	0.33	chr12	N/A	12	28	39.39	41.24
Hs.93739	9.55	28.90	0.33	chr20	N/A	17	398	57.46	68.08
SLC18B1	31.96	96.70	0.33	chr6	6q22.3-q23.3	26	469	72.40	81.30
Hs.723997	46.69	141.30	0.33	chr10	N/A	8	377	90.23	57.48
Hs.539900	5.41	16.37	0.33	chr14	N/A	6	66	21.30	82.07
NPM1	248.45	751.93	0.33	chr5	5q35.1	102	1637	114.27	101.29
Hs.665810	3.26	9.87	0.33	chr17	N/A	10	28	55.22	72.80
Hs.33756	9.41	28.48	0.33	chr3	N/A	21	360	88.93	470.39
DLL3	8.61	26.08	0.33	chr19	19q13	44	1472	96.47	70.41
ACBD4	24.81	75.10	0.33	chr17	17q21.31	43	612	78.80	74.27
C2orf69	96.26	291.42	0.33	chr2	2q33.1	54	900	252.25	332.21
PTPRN2	19.55	59.20	0.33	chr7	7q36	64	1590	130.93	149.06
KREMEN2	15.42	46.67	0.33	chr16	16p13.3	27	451	61.59	108.92
Hs.149663	7.93	24.01	0.33	chr5	N/A	5	22	37.60	45.57
Hs.695103	13.41	40.61	0.33	chr5	N/A	10	28	23.86	53.10
SPATS2	20.05	60.70	0.33	chr12	12q13.12	48	1591	75.32	104.09
IFITM10	12.68	38.39	0.33	chr11	11p15.5	12	1001	89.61	107.57
ECEL1	10.09	30.54	0.33	chr2	2q37.1	28	527	52.17	141.21
WFD11	6.03	18.25	0.33	chr20	20q13.12	17	332	44.43	77.67
SESN3	11.85	35.88	0.33	chr11	11q21	40	2369	65.01	190.84
Hs.531564	12.94	39.22	0.33	chr16	N/A	9	95	119.52	152.20
GMD5	21.30	64.56	0.33	chr6	6p25	52	1209	172.99	159.98
FAM226A	7.79	23.59	0.33	chrX	Xq13.2	13	28	43.44	53.46
C15orf60	11.45	34.69	0.33	chr15	15q22	21	405	92.86	240.87
RAET1E	11.45	34.72	0.33	chr6	6q25.1	19	335	66.62	156.61
LOC646626	11.61	35.19	0.33	chr1	1p22.3	9	28	102.24	83.25
Hs.709921	12.54	38.03	0.33	chr5	N/A	8	377	66.07	73.15
KIAA1598	41.27	125.18	0.33	chr10	10q25.3	38	612	273.41	133.51
Hs.568509	3.05	9.24	0.33	chr1	N/A	5	51	54.66	73.63
Hs.544127	13.14	39.85	0.33	chr5	N/A	10	73	65.81	88.50
Hs.664841	4.79	14.54	0.33	chr5	N/A	7	73	49.89	79.85
OVGP1	23.76	72.12	0.33	chr1	1p13	28	554	74.53	335.76
MST4	20.42	61.97	0.33	chrX	Xq26.2	43	986	79.75	177.56
Hs.670032	5.05	15.34	0.33	chr2	N/A	1	304	0.00	75.90

Hs.416013	5.99	18.18	0.33	chr6	N/A	7	73	33.44	134.31
Hs.662526	5.15	15.64	0.33	chr8	N/A	1	304	0.00	81.12
Hs.612327	19.92	60.50	0.33	chr6	N/A	1	304	0.00	48.34
ETNK2	17.96	54.54	0.33	chr1	1q32.1	38	553	152.93	114.07
Hs.731011	6.32	19.20	0.33	chr8	N/A	1	304	0.00	81.43
ANGPTL3	7.51	22.80	0.33	chr1	1p31.3	33	1138	86.22	467.55
LOC729305	4.45	13.53	0.33	chr11	11q25	2	22	91.52	64.27
CDCP2	17.70	53.78	0.33	chr1	1p32.3	15	80	157.78	74.56
LOC728323	59.79	181.67	0.33	chr2	2q37.3	10	28	24.57	38.55
Hs.436567	4.51	13.70	0.33	chr1	N/A	1	304	0.00	112.32
EML4	24.24	73.66	0.33	chr2	2p21	62	2607	91.17	118.47
UHRF1	20.34	61.82	0.33	chr19	19p13.3	48	585	117.03	263.12
Hs.132611	11.84	35.98	0.33	chr8	N/A	5	22	118.72	63.76
Hs.151157	4.49	13.64	0.33	chr5	N/A	2	22	5.90	96.99
SYNPR-AS1	6.15	18.69	0.33	chr3	N/A	15	450	81.27	69.01
Hs.656373	11.62	35.32	0.33	chr3	N/A	8	377	106.59	62.71
Hs.596822	33.21	100.97	0.33	chr5	N/A	5	420	68.64	80.38
Hs.374216	9.11	27.69	0.33	chr4	N/A	7	73	40.97	129.85
TMCC2	18.33	55.74	0.33	chr1	1q32.1	41	904	75.82	182.21
Hs.322946	4.20	12.76	0.33	chr2	N/A	7	73	21.38	93.75
Hs.573792	18.33	55.76	0.33	chr1	N/A	4	304	136.05	45.13
Hs.659262	5.92	18.02	0.33	chr6	N/A	3	66	20.27	80.16
Hs.121735	4.81	14.64	0.33	chr18	N/A	1	304	0.00	55.93
SYNGR3	23.93	72.80	0.33	chr16	16p13	30	565	182.65	207.27
Hs.145761	12.80	38.96	0.33	chr21	N/A	4	370	83.77	89.66
Hs.662828	7.53	22.92	0.33	chr4	N/A	7	73	27.85	66.16
Hs.594059	11.41	34.72	0.33	chr17	N/A	8	377	61.51	40.36
ACSM5	18.25	55.55	0.33	chr16	16p12.3	73	1379	198.44	226.50
GDPD3	23.62	71.91	0.33	chr16	16p11.2	31	543	87.89	79.83
TGM5	14.76	44.93	0.33	chr15	15q15.2	32	495	88.89	87.26
Hs.666674	7.93	24.15	0.33	chr8	N/A	1	304	0.00	71.99
Hs.662266	20.67	62.93	0.33	chr3	N/A	1	304	0.00	48.73
ZCCHC12	20.75	63.18	0.33	chrX	Xq24	28	520	158.58	186.54
INTS4L1	4.37	13.30	0.33	chr7	7q11.21	3	320	14.72	53.24
ANXA9	11.75	35.78	0.33	chr1	1q21	39	1065	83.22	124.68
Hs.666707	12.26	37.35	0.33	chr22	N/A	8	377	96.01	51.21
Hs.734339	4.64	14.14	0.33	chr2	N/A	2	22	35.48	71.50
C3	259.56	790.76	0.33	chr19	19p13.3-p13.2	24	465	56.71	155.90
Hs.666373	9.64	29.36	0.33	chr5	N/A	7	73	27.65	171.46
Hs.126160	4.80	14.63	0.33	chr10	N/A	5	22	24.25	73.92
Hs.734306	24.92	75.95	0.33	chr4	N/A	7	73	59.51	65.10
Hs.687396	9.18	27.97	0.33	chr8	N/A	24	174	41.51	117.01
CAMK1D	27.21	82.94	0.33	chr10	10p13	69	1089	75.27	132.42
LMAN1	50.71	154.59	0.33	chr18	18q21.3-q22	53	1406	222.49	184.23
GNRHR2	37.96	115.72	0.33	chr1	1q12	40	989	112.05	84.51
Hs.634483	16.42	50.06	0.33	chr21	N/A	10	73	98.67	80.11
CTCF	38.79	118.25	0.33	chr16	16q21-q22.3	42	644	111.99	62.54
C7orf31	10.03	30.57	0.33	chr7	7p15.3	35	591	64.86	182.37
Hs.720466	11.82	36.03	0.33	chrX	N/A	1	304	0.00	62.48
SNHG1	92.62	282.45	0.33	chr11	11q12.3	20	457	195.03	73.10
Hs.518635	18.58	56.65	0.33	chr4	N/A	1	304	0.00	61.94
PARD3	26.70	81.42	0.33	chr10	10p11.21	92	2269	114.72	114.39
Hs.561426	8.52	25.99	0.33	chr5	N/A	5	22	63.10	123.49
Hs.659850	7.11	21.69	0.33	chr5	N/A	1	316	0.00	52.23
Hs.560742	11.83	36.09	0.33	chr2	N/A	10	73	79.95	140.17
DOLP1	34.89	106.41	0.33	chr9	9q34.1	40	599	109.87	58.63
ELAVL2	15.33	46.77	0.33	chr9	9p21	35	925	117.76	229.85
HSF5	10.95	33.41	0.33	chr17	17q22	34	421	95.11	425.44
SLC12A1	10.59	32.30	0.33	chr15	15q15-q21.1	62	1117	81.47	811.05
GATA1	11.61	35.42	0.33	chrX	Xp11.23	31	869	101.92	109.99
Hs.444174	9.92	30.29	0.33	chr19	N/A	14	146	71.92	155.70
Hs.662378	7.14	21.81	0.33	chr2	N/A	7	73	67.06	115.51
Hs.598973	17.38	53.08	0.33	chr11	N/A	1	304	0.00	67.09
STAMBPL1	16.46	50.27	0.33	chr10	10q23.31	46	1609	106.21	410.09
LOC100505875	13.25	40.48	0.33	chr4	N/A	10	400	81.84	163.32
LOC100506219	9.81	29.96	0.33	chr5	N/A	18	450	65.56	88.27
CTHRC1	35.98	109.93	0.33	chr8	8q22.3	27	415	130.23	164.15
SKI	34.18	104.44	0.33	chr1	1p36.33	52	1422	117.99	134.29
LRG1	34.06	104.05	0.33	chr19	19p13.3	19	390	59.71	286.82
CXCL9	23.61	72.14	0.33	chr4	4q21	30	569	78.50	208.75
Hs.437941	8.88	27.15	0.33	chr14	N/A	18	405	76.32	81.17
RHBG	12.02	36.73	0.33	chr1	1q21.3	28	531	187.09	126.70
Hs.599863	25.34	77.46	0.33	chr4	N/A	7	73	48.39	66.49
LRP2	16.53	50.53	0.33	chr2	2q31.1	71	1293	104.52	295.25
SH2D4A	16.47	50.37	0.33	chr8	8p21.2	35	600	93.24	62.43
LOC100996457	5.98	18.28	0.33	chr8	N/A	24	686	54.35	84.06
Hs.556090	16.38	50.09	0.33	chr13	N/A	8	377	114.88	53.81
FKBP11	50.77	155.27	0.33	chr12	12q13.12	34	1262	106.30	126.62
SLC24A5	39.15	119.75	0.33	chr15	15q21.1	13	73	114.12	68.76
Hs.656954	10.71	32.75	0.33	chr17	N/A	8	377	83.31	68.11
Hs.666142	6.43	19.66	0.33	chr19	N/A	1	304	0.00	49.77
Hs.125638	6.04	18.50	0.33	chr4	N/A	7	73	68.13	127.38
OR2T1	62.69	191.86	0.33	chr1	1q44	8	52	168.90	44.52
Hs.481395	6.44	19.72	0.33	chr4	N/A	3	66	17.59	96.99
GNPNAT1	28.58	87.48	0.33	chr14	14q22.1	46	565	108.83	75.69
LOC100132707	11.50	35.22	0.33	chr7	7q36.2	9	683	71.99	55.32
Hs.130744	6.68	20.45	0.33	chr12	N/A	1	304	0.00	45.54
Hs.744661	20.78	63.63	0.33	chr7	N/A	10	28	41.90	75.52
Hs.202510	15.20	46.54	0.33	chr6	N/A	7	73	94.11	66.28
Hs.603490	4.66	14.27	0.33	chr4	N/A	3	66	13.68	70.74
Hs.684013	4.50	13.78	0.33	chr16	N/A	1	304	0.00	59.43
ANGPT1	17.36	53.17	0.33	chr8	8q23.1	81	1616	102.69	119.69
EPHB3	22.40	68.63	0.33	chr3	3q21-qter	35	986	135.51	87.91

GNG3	36.68	112.40	0.33	chr11	11p11	28	532	205.55	215.16
CDRT15L2	4.31	13.22	0.33	chr17	17p11.2	8	377	26.54	86.02
Hs.655444	9.81	30.06	0.33	chr3	N/A	1	304	0.00	95.21
Hs.733358	3.53	10.81	0.33	chr8	N/A	1	304	0.00	97.71
CABS1	7.18	22.01	0.33	chr4	4q13.3	26	457	69.52	471.38
SLC17A5	41.83	128.24	0.33	chr6	6q13	22	768	79.94	61.14
Hs.660241	10.99	33.71	0.33	chr1	N/A	1	304	0.00	52.12
Hs.677105	6.22	19.08	0.33	chr3	N/A	11	332	36.10	81.98
Hs.666831	4.00	12.26	0.33	chr11	N/A	2	22	93.42	51.89
Hs.733885	45.05	138.15	0.33	chr17	N/A	1	304	0.00	67.88
Hs.675103	13.61	41.75	0.33	chr11	N/A	1	304	0.00	51.42
Hs.740485	72.26	221.63	0.33	chr11	N/A	15	87	95.73	121.23
Hs.665460	14.22	43.61	0.33	chr2	N/A	1	304	0.00	57.40
Hs.732506	13.70	42.04	0.33	chr12	N/A	7	73	59.54	119.23
Hs.732154	12.36	37.91	0.33	chr1	N/A	8	377	90.13	79.43
Hs.287523	2.83	8.68	0.33	chr2	N/A	1	304	0.00	66.62
DRP2	12.32	37.79	0.33	chrX	Xq22	32	1173	66.86	240.67
Hs.150471	13.81	42.39	0.33	chr5	N/A	7	73	111.61	275.00
ID4	55.29	169.71	0.33	chr6	6p22.3	49	2089	149.59	215.39
Hs.143252	18.14	55.67	0.33	chr11	N/A	2	22	11.59	63.08
Hs.667338	5.67	17.42	0.33	chr3	N/A	2	22	2.89	114.31
ST8SIA6	36.44	111.86	0.33	chr10	10p12.33	7	104	147.89	141.92
CFH	91.72	281.57	0.33	chr1	1q32	66	1102	179.73	193.71
Hs.668168	15.00	46.07	0.33	chr9	N/A	2	22	54.14	88.42
MON2	26.49	81.35	0.33	chr12	12q14.1	82	1287	159.18	119.31
Hs.663993	6.73	20.66	0.33	chr9	N/A	7	73	48.50	90.95
LINC00424	10.13	31.10	0.33	chr13	N/A	4	630	66.74	97.45
PNMA6A	24.50	75.25	0.33	chrX	Xq28	15	90	85.06	196.31
Hs.705764	39.98	122.84	0.33	chr18	N/A	5	425	79.58	45.70
GTF3C4	18.13	55.71	0.33	chr9	9q34.13	38	560	80.50	66.93
Hs.658555	5.76	17.69	0.33	chr9	N/A	8	377	23.26	80.64
Hs.14691	25.63	78.76	0.33	chr17	N/A	8	377	42.08	64.62
LOC100287098	8.78	26.97	0.33	chr8	8q24.3	15	450	59.36	81.58
Hs.636818	6.67	20.49	0.33	chr1	N/A	5	420	57.01	54.29
SEZ6L2	23.25	71.47	0.33	chr16	16p11.2	72	1990	112.99	135.32
Hs.601035	7.05	21.68	0.33	chr1	N/A	1	304	0.00	42.44
Hs.604697	9.26	28.47	0.33	chr1	N/A	11	332	128.58	80.62
LOC100996345	11.06	34.01	0.33	chr16	N/A	21	406	58.54	105.43
BIN1	68.11	209.41	0.33	chr2	2q14	78	2364	75.87	190.55
CXXC5	110.70	340.37	0.33	chr5	5q31.2	54	1129	55.45	74.40
DNAJC22	19.16	58.91	0.33	chr12	12q13.12	32	787	92.22	95.75
Hs.132956	6.03	18.55	0.33	chr9	N/A	8	377	46.15	61.67
Hs.503854	13.12	40.36	0.33	chr11	N/A	1	304	0.00	48.24
Hs.735832	7.46	22.96	0.33	chr19	N/A	2	620	19.98	86.38
Hs.635037	6.75	20.75	0.33	chr9	N/A	1	304	0.00	56.51
LINC00202-2	10.54	32.41	0.33	chr10	10p12.1	28	737	66.36	185.95
RHCE	11.75	36.15	0.33	chr1	1p36.11	44	1121	74.79	194.45
Hs.529566	10.37	31.91	0.33	chr7	N/A	18	407	53.38	46.11
Hs.667773	6.63	20.41	0.33	chrX	N/A	5	674	34.49	111.33
Hs.600949	4.77	14.69	0.33	chr22	N/A	1	304	0.00	77.75
RAPGEFL1	17.57	54.05	0.33	chr17	17q21.1	28	538	138.42	177.56
ZNF420	17.76	54.63	0.33	chr19	19q13.12	34	842	104.08	67.48
Hs.446484	21.73	66.88	0.32	chr20	N/A	5	420	70.11	50.01
LMOD1	36.57	112.54	0.32	chr1	1q32	35	1009	66.75	187.79
Hs.544407	7.27	22.37	0.32	chr6	N/A	7	73	111.40	97.10
ANKEF1	6.60	20.30	0.32	chr20	20p12.2	38	785	44.20	132.65
LACRT	8.46	26.05	0.32	chr12	12q13	19	384	144.97	396.53
Hs.659834	17.32	53.32	0.32	chr20	N/A	7	73	54.83	66.26
Hs.571699	9.76	30.04	0.32	chrX	N/A	15	450	134.94	79.60
Hs.618417	1.72	5.31	0.32	chr3	N/A	1	304	0.00	59.43
NIPAL2	26.32	81.07	0.32	chr8	8q22.2	60	1266	152.22	114.66
FLJ40194	9.12	28.10	0.32	chr17	17q21.32	31	113	73.10	204.44
CHD5	8.34	25.70	0.32	chr1	1p36.31	42	1055	94.53	161.73
Hs.677107	7.14	21.99	0.32	chr14	N/A	5	420	47.30	51.68
Hs.710763	9.37	28.87	0.32	chr14	N/A	4	304	67.20	89.64
PCA3	5.29	16.29	0.32	chr9	9q21.2	9	681	65.64	83.83
Hs.655790	3.62	11.14	0.32	chr17	N/A	1	304	0.00	56.04
C11orf72	20.50	63.16	0.32	chr11	11q13.2	29	404	51.70	89.59
CD38	18.76	57.80	0.32	chr4	4p15	30	570	111.53	102.49
Hs.98129	4.92	15.15	0.32	chr6	N/A	2	22	110.67	87.98
OLFM2	17.22	53.04	0.32	chr19	19p13.2	19	385	79.12	88.51
HNRNPA3	190.86	588.07	0.32	chr2	2q31.2	145	2597	422.30	204.35
Hs.728418	24.74	76.23	0.32	chr6	N/A	10	28	36.03	50.61
CCDC3	85.84	264.51	0.32	chr10	10p13	31	490	61.49	101.01
ASPA	24.95	76.89	0.32	chr17	17p13.3	40	600	151.14	162.16
Hs.661606	9.95	30.67	0.32	chr4	N/A	6	724	43.67	101.98
Hs.729685	7.07	21.81	0.32	chr22	N/A	3	66	31.04	64.04
Hs.440729	9.68	29.85	0.32	chr3	N/A	4	304	39.72	51.15
Hs.687430	14.10	43.49	0.32	chr4	N/A	8	377	46.41	59.70
SEL1L3	24.48	75.51	0.32	chr4	4p15.2	58	1819	118.96	152.57
Hs.696543	44.00	135.71	0.32	chr4	N/A	7	73	68.11	57.37
Hs.709018	89.19	275.11	0.32	chr6	N/A	7	73	69.39	78.88
Hs.661673	14.80	45.66	0.32	chr8	N/A	1	304	0.00	71.13
Hs.145162	4.46	13.76	0.32	chr21	N/A	2	22	28.01	79.30
NLRC5	38.89	119.99	0.32	chr16	16q13	45	604	127.75	159.67
Hs.666737	9.27	28.59	0.32	chr11	N/A	3	326	84.09	50.36
PLB1	13.53	41.74	0.32	chr2	2p23.2	50	890	183.34	168.58
Hs.143316	5.56	17.15	0.32	chr3	N/A	1	304	0.00	62.46
NDC80	8.36	25.80	0.32	chr18	18p11.32	38	571	112.54	445.26
Hs.721349	18.23	56.25	0.32	chr6	N/A	3	912	71.44	124.41
Hs.604538	4.40	13.57	0.32	chr12	N/A	7	73	27.14	141.04
RBM27	43.29	133.61	0.32	chr5	5q32	38	862	100.49	53.53
PLCZ1	7.32	22.59	0.32	chr12	12p12.3	26	457	60.03	384.73

LOC100128840	3.67	11.34	0.32	chr12	12q24.33	11	334	46.25	54.46
AGMAT	10.37	32.00	0.32	chr1	1p36.21	46	937	85.17	113.69
Hs.733315	7.68	23.72	0.32	chr2	N/A	7	73	46.46	114.54
Hs.688948	4.72	14.59	0.32	chr12	N/A	11	337	25.30	79.97
Hs.553996	4.72	14.58	0.32	chr1	N/A	4	304	59.24	54.44
Hs.660287	14.48	44.72	0.32	chr9	N/A	1	304	0.00	54.94
Hs.721777	4.01	12.40	0.32	chr2	N/A	1	304	0.00	61.80
C19orf33	53.29	164.59	0.32	chr19	19q13.2	29	412	69.40	166.76
TMEM14A	59.54	183.90	0.32	chr6	6p12.2	21	460	68.77	64.07
Hs.656871	4.78	14.78	0.32	chr20	N/A	5	82	69.23	160.50
Hs.652225	7.26	22.43	0.32	chr7	N/A	7	73	58.62	78.98
Hs.667510	6.96	21.50	0.32	chr5	N/A	7	73	84.76	115.19
GSN-AS1	5.95	18.37	0.32	chr9	9q33.2	10	439	62.62	79.89
FOXP4	14.42	44.56	0.32	chr6	6p21.1	52	872	117.94	87.98
Hs.713195	26.54	82.01	0.32	chr11	N/A	10	28	30.54	18.87
Hs.733839	2.50	7.73	0.32	chr4	N/A	1	304	0.00	85.04
Hs.511790	7.69	23.76	0.32	chr15	N/A	11	443	86.02	56.98
CKAP2L	9.43	29.14	0.32	chr2	2q13	43	608	82.69	109.76
Hs.656290	19.32	59.72	0.32	chr6	N/A	8	377	72.94	156.44
Hs.719519	20.55	63.56	0.32	chr1	N/A	10	28	46.16	47.97
KNDC1	9.77	30.20	0.32	chr10	10q26.3	78	1086	111.77	121.75
KRBOX1	22.23	68.75	0.32	chr3	3p22.1	11	332	45.90	232.29
Hs.666252	21.23	65.67	0.32	chr16	N/A	7	73	76.35	99.76
Hs.535995	14.33	44.33	0.32	chrX	N/A	12	124	71.55	86.29
Hs.569156	6.49	20.06	0.32	chr12	N/A	10	73	60.54	113.82
ASXL3	10.80	33.41	0.32	chr18	18q11	38	1048	176.52	64.24
IL1R2	19.98	61.80	0.32	chr2	2q12	59	1039	106.00	178.11
Hs.597687	9.34	28.88	0.32	chr17	N/A	7	73	57.62	107.08
Hs.38218	17.30	53.52	0.32	chrX	N/A	10	393	92.25	337.25
ZNF32-AS3	3.27	10.13	0.32	chr10	10q11.21	2	608	13.47	65.17
B3GNT5	25.03	77.45	0.32	chr3	3q28	24	769	111.40	108.24
CYP2C19	12.26	37.94	0.32	chr10	10q24	38	570	125.03	185.28
ARMC3	10.06	31.12	0.32	chr10	10p12.31	20	464	112.56	156.90
Hs.658631	5.59	17.30	0.32	chr14	N/A	5	420	64.84	86.20
PRIMA1	53.15	164.48	0.32	chr14	14q32.12	37	447	115.56	184.15
HELB	9.61	29.72	0.32	chr12	12q	34	1086	70.69	156.76
ENPP6	8.62	26.67	0.32	chr4	4q35.1	27	362	30.95	159.69
SLC22A16	8.22	25.43	0.32	chr6	6q21-q22.1	42	810	91.45	211.16
Hs.595825	8.50	26.30	0.32	chr6	N/A	7	73	81.94	95.95
Hs.706085	32.30	99.96	0.32	chr8	N/A	8	12	16.87	33.59
Hs.635310	6.05	18.72	0.32	chr19	N/A	10	28	46.43	81.57
C15orf27	7.85	24.30	0.32	chr15	15q24.2	26	461	95.75	72.95
PLK5	13.07	40.48	0.32	chr19	19p13.3	3	325	65.87	59.81
Hs.734608	15.18	47.00	0.32	chr11	N/A	1	304	0.00	35.77
Hs.597817	9.85	30.50	0.32	chr11	N/A	1	304	0.00	92.03
LOC100505679	13.61	42.17	0.32	chr15	N/A	9	316	60.28	76.89
Hs.658853	13.99	43.33	0.32	chr22	N/A	8	377	85.43	50.78
Hs.677872	8.03	24.88	0.32	chr10	N/A	1	304	0.00	84.35
ESX1	7.76	24.06	0.32	chrX	Xq22.1	22	384	48.42	96.46
EPB42	12.10	37.51	0.32	chr15	15q15-q21	37	641	82.49	409.21
Hs.729639	6.74	20.89	0.32	chr1	N/A	1	304	0.00	76.25
FAM229A	11.33	35.13	0.32	chr1	1p35.1	16	766	72.41	153.73
GPATCH8	40.88	126.77	0.32	chr17	17q21.31	54	1189	78.48	261.31
Hs.667577	4.81	14.90	0.32	chr5	N/A	2	22	25.38	73.96
FPGS	36.93	114.55	0.32	chr9	9q34.1	53	676	114.06	372.89
NAIP	13.89	43.08	0.32	chr5	5q13.2	62	1001	74.61	84.47
FAM166B	15.21	47.19	0.32	chr9	9p13.3	10	393	53.11	393.62
Hs.567870	8.98	27.86	0.32	chr2	N/A	2	22	16.11	61.68
SERPINC1	41.05	127.38	0.32	chr1	1q25.1	31	873	203.19	468.30
LOC100129406	8.52	26.44	0.32	chr1	1p13.2	1	304	0.00	91.47
ARRDC3	63.81	198.04	0.32	chr5	5q14.3	49	636	240.49	181.46
Hs.120377	7.45	23.12	0.32	chr2	N/A	18	405	62.12	150.72
Hs.126919	9.11	28.27	0.32	chr3	N/A	1	304	0.00	85.78
Hs.564291	4.62	14.34	0.32	chr11	N/A	5	51	18.43	52.70
Hs.668372	7.58	23.52	0.32	chr6	N/A	7	73	54.76	62.53
ADMS5	9.36	29.05	0.32	chr19	19q13.33	18	412	46.49	78.09
Hs.371681	7.70	23.90	0.32	chr3	N/A	5	51	27.73	59.87
SLC26A5	10.98	34.08	0.32	chr7	7q22.1	22	74	94.17	126.90
Hs.658586	15.02	46.62	0.32	chr2	N/A	11	320	53.95	163.20
Hs.602510	18.56	57.65	0.32	chr2	N/A	8	377	92.81	54.71
Hs.149363	6.62	20.57	0.32	chr18	N/A	7	73	39.87	146.63
Hs.667528	6.34	19.70	0.32	chr2	N/A	2	22	36.04	79.99
Hs.127938	4.14	12.85	0.32	chr11	N/A	7	73	55.02	69.82
Hs.605323	11.32	35.18	0.32	chr7	N/A	4	304	72.26	103.09
Hs.667547	9.49	29.49	0.32	chr2	N/A	7	73	71.41	163.89
LINC00545	5.11	15.87	0.32	chr13	13q12.3	3	320	32.57	59.63
STMN4	23.63	73.41	0.32	chr8	8p21.2	28	530	96.58	248.59
LCK	24.49	76.09	0.32	chr1	1p34.3	73	1287	153.54	226.20
Hs.666907	14.42	44.83	0.32	chr11	N/A	9	681	114.54	86.90
TKT	80.40	249.92	0.32	chr3	3p14.3	44	1315	97.55	112.14
Hs.594131	9.26	28.78	0.32	chr10	N/A	7	73	66.59	85.27
Hs.669132	24.42	75.93	0.32	chr22	N/A	1	304	0.00	60.92
Hs.662660	9.98	31.05	0.32	chr2	N/A	1	304	0.00	63.13
Hs.129410	6.23	19.38	0.32	chr4	N/A	10	73	50.80	167.53
Hs.664154	24.03	74.77	0.32	chr15	N/A	7	73	30.47	443.54
Hs.119816	4.27	13.30	0.32	chr12	N/A	5	51	44.23	67.94
SNHG12	24.60	76.53	0.32	chr1	1p35.3	34	1546	64.01	73.95
LOC100134361	15.55	48.39	0.32	chr22	N/A	19	401	60.55	69.16
Hs.674562	1.92	5.97	0.32	chr15	N/A	1	304	0.00	75.94
IGSF6	10.29	32.02	0.32	chr16	16p12.2	27	553	68.03	128.56
OR2C1	15.34	47.75	0.32	chr16	16p13.3	21	456	101.81	54.30
Hs.705663	16.88	52.56	0.32	chr17	N/A	7	73	66.71	70.35
ADCY8	7.59	23.62	0.32	chr8	8q24	23	496	70.47	126.10

PBK	11.77	36.64	0.32	chr8	8p21.2	35	599	118.66	259.11
FZD10	15.28	47.58	0.32	chr12	12q24.33	18	453	43.04	134.56
LOC100507024	9.60	29.88	0.32	chr6	N/A	6	355	118.36	92.44
TMEM181	70.54	219.71	0.32	chr6	6q25.3	23	460	76.15	64.18
TAL2	8.35	26.01	0.32	chr9	9q32	18	636	65.12	117.01
GNAI1	33.50	104.35	0.32	chr7	7q21	46	1005	74.92	93.70
Hs.10431	4.74	14.77	0.32	chr15	N/A	7	73	94.24	99.61
Hs.689479	9.81	30.55	0.32	chr5	N/A	10	28	49.58	72.21
ANAPC7	33.32	103.80	0.32	chr12	12q24.11	48	978	99.70	84.91
ABCA2	19.34	60.25	0.32	chr9	9q34	50	1550	107.33	194.94
H3F3B	461.96	1,439.51	0.32	chr17	17q25.1	56	1781	69.56	87.14
Hs.535040	10.33	32.18	0.32	chr7	N/A	8	377	107.13	60.71
TSSK4	11.51	35.88	0.32	chr14	14q12	28	479	106.13	126.81
Hs.737351	5.55	17.29	0.32	chr20	N/A	1	304	0.00	65.29
RSBN1L-AS1	13.37	41.69	0.32	chr7	N/A	18	417	48.66	60.11
OR6C70	10.04	31.32	0.32	chr12	12q13.2	5	52	56.48	69.19
Hs.127963	7.88	24.58	0.32	chr5	N/A	7	73	29.28	230.91
Hs.445410	5.05	15.74	0.32	chr4	N/A	1	304	0.00	74.88
Hs.571468	6.19	19.29	0.32	chr8	N/A	11	338	156.94	49.27
LOC728586	6.59	20.54	0.32	chr5	5q23.2	10	28	25.71	136.16
LOC100128668	4.17	13.00	0.32	chr20	20p12.3	7	73	23.23	114.14
SKAP2	19.19	59.87	0.32	chr7	7p15.2	93	3569	171.09	145.89
Hs.603066	10.83	33.77	0.32	chr4	N/A	7	73	62.35	77.55
Hs.662307	5.97	18.62	0.32	chr6	N/A	7	73	53.31	128.39
Hs.720094	19.52	60.88	0.32	chr8	N/A	18	405	203.88	121.01
GLT8D1	40.60	126.67	0.32	chr3	3p21.1	44	997	88.97	81.39
Hs.633900	21.79	67.99	0.32	chr2	N/A	14	332	40.27	73.59
Hs.660250	7.77	24.23	0.32	chr13	N/A	7	73	45.39	251.43
CCDC70	6.94	21.66	0.32	chr13	13q14.3	28	521	93.41	267.86
Hs.633960	14.48	45.18	0.32	chr7	N/A	11	344	77.06	79.44
Hs.472723	7.83	24.43	0.32	chr20	N/A	11	332	68.72	43.77
USP54	46.92	146.41	0.32	chr10	10q22.2	49	572	99.95	98.58
TMEM260	28.44	88.76	0.32	chr14	14q22.3	53	1056	88.45	70.54
Hs.603371	5.36	16.71	0.32	chr9	N/A	2	22	58.83	70.13
Hs.732452	5.13	16.01	0.32	chr1	N/A	2	608	59.37	78.48
MSL2	26.13	81.56	0.32	chr3	3q22.3	38	606	71.38	64.94
GRTP1	11.34	35.40	0.32	chr13	13q34	39	906	90.59	124.65
LOC728431	11.53	36.00	0.32	chr1	1p34.3	16	391	91.24	50.20
Hs.544988	6.67	20.82	0.32	chr7	N/A	5	22	93.60	129.31
Hs.734403	17.85	55.72	0.32	chr12	N/A	7	73	55.59	78.92
TBCK	42.18	131.70	0.32	chr4	4q24	31	520	137.09	91.02
ZNF619	13.00	40.58	0.32	chr3	3p22.1	19	384	66.87	51.00
Hs.673797	14.37	44.87	0.32	chr7	N/A	1	304	0.00	48.15
Hs.571764	4.33	13.54	0.32	chrY	N/A	1	304	0.00	168.15
Hs.606935	17.84	55.71	0.32	chr2	N/A	10	28	37.26	95.88
Hs.116154	9.88	30.85	0.32	chr1	N/A	7	73	59.46	303.85
GGT2	26.95	84.20	0.32	chr22	22q11.21	41	154	73.41	175.83
NR3C1	44.51	139.06	0.32	chr5	5q31.3	115	2269	113.14	91.07
Hs.667010	15.41	48.15	0.32	chr5	N/A	3	66	62.03	326.42
RFPL4B	9.51	29.71	0.32	chr6	6q21	18	80	175.37	110.88
IQUB	5.09	15.92	0.32	chr7	7q31.32	29	412	65.71	239.48
Hs.720121	18.11	56.61	0.32	chr2	N/A	7	73	54.50	64.43
Hs.631395	10.00	31.27	0.32	chr20	N/A	8	12	12.06	34.11
Hs.126932	61.13	191.12	0.32	chr17	N/A	8	377	121.04	83.47
LRRC46	15.44	48.29	0.32	chr17	17q21.32	22	710	44.82	155.51
Hs.655900	15.42	48.22	0.32	chr16	N/A	8	377	127.19	56.98
SON	101.36	316.98	0.32	chr21	21q22.11	109	2427	127.61	90.71
Hs.606341	16.25	50.81	0.32	chr6	N/A	10	28	20.31	37.73
Hs.158851	9.16	28.64	0.32	chr17	N/A	1	304	0.00	44.97
Hs.603545	6.29	19.67	0.32	chr6	N/A	4	304	33.44	53.03
Hs.599650	4.03	12.62	0.32	chrX	N/A	4	370	76.69	86.47
C12orf42	5.39	16.87	0.32	chr12	12q23.2	35	737	86.83	143.09
Hs.715058	9.68	30.30	0.32	chr14	N/A	3	66	93.54	51.31
Hs.660990	10.94	34.24	0.32	chr10	N/A	2	16	28.72	19.97
C10orf53	8.05	25.20	0.32	chr10	10q11.23	26	697	70.00	167.23
Hs.661820	13.59	42.54	0.32	chr7	N/A	1	304	0.00	41.36
SLC22A24	9.74	30.49	0.32	chr11	11q12.3	21	387	98.94	99.66
Hs.596621	4.93	15.43	0.32	chr6	N/A	7	73	38.12	100.91
MST1L	41.79	130.88	0.32	chr1	1p36.13	45	657	187.07	218.40
LOC100505549	13.32	41.72	0.32	chr18	N/A	19	717	109.73	120.08
CES1	74.53	233.47	0.32	chr16	16q22.2	32	521	91.26	253.68
PDGFC	27.66	86.65	0.32	chr4	4q32	42	944	108.81	137.16
Hs.538411	9.84	30.82	0.32	chr10	N/A	7	73	78.03	139.59
KIFC2	29.97	93.93	0.32	chr8	8q24.3	20	700	47.10	69.97
Hs.121426	3.35	10.50	0.32	chr2	N/A	2	22	6.56	95.97
Hs.703759	14.50	45.47	0.32	chr11	N/A	4	304	82.33	79.64
Hs.480975	5.00	15.67	0.32	chr4	N/A	9	681	40.48	97.88
GAS6-AS1	5.68	17.81	0.32	chr13	13q34	2	609	33.69	86.08
CALY	16.12	50.55	0.32	chr10	10q26.3	21	465	89.19	268.48
S100B	80.92	253.79	0.32	chr21	21q22.3	31	878	140.88	327.97
Hs.701051	107.69	337.89	0.32	chr20	N/A	7	73	92.44	99.47
Hs.13438	10.06	31.56	0.32	chr4	N/A	27	560	54.83	100.75
SLC16A14	19.43	60.97	0.32	chr2	2q36.3	35	478	107.51	95.04
Hs.658571	5.74	18.02	0.32	chr8	N/A	7	73	26.33	150.01
Hs.46506	41.80	131.18	0.32	chr13	N/A	11	377	52.63	36.01
Hs.720931	16.36	51.34	0.32	chr7	N/A	7	73	57.84	57.31
Hs.710049	10.69	33.55	0.32	chr19	N/A	1	304	0.00	29.01
LOC442028	3.62	11.36	0.32	chr2	2q11.1	4	304	27.54	56.33
Hs.645734	4.47	14.03	0.32	chr5	N/A	10	28	53.81	51.81
Hs.297628	10.69	33.57	0.32	chr1	N/A	4	304	82.97	35.52
Hs.630983	6.07	19.05	0.32	chr20	N/A	1	304	0.00	42.90
RBM43	15.49	48.63	0.32	chr2	2q23.3	33	716	104.64	74.95
DYX1C1	6.90	21.66	0.32	chr15	15q21.3	21	644	51.30	101.44

Hs.659709	11.85	37.22	0.32	chr7	N/A	11	332	58.93	48.01
Hs.615233	12.14	38.13	0.32	chr12	N/A	10	28	39.55	48.57
Hs.573368	5.87	18.44	0.32	chr7	N/A	10	73	71.97	116.38
Hs.734324	10.16	31.93	0.32	chr8	N/A	2	22	16.37	85.88
LINC00162	6.61	20.79	0.32	chr21	21q22.3	11	332	16.15	62.18
UGDH	43.24	135.95	0.32	chr4	4p15.1	47	676	143.56	153.78
PDZRN4	12.18	38.30	0.32	chr12	12q12	39	534	186.63	142.10
FAM223A	7.04	22.12	0.32	chrX	Xq28	18	413	76.29	52.18
KRTCAP3	14.36	45.15	0.32	chr2	2p23.3	34	445	115.24	72.76
BZRAP1-AS1	8.33	26.18	0.32	chr17	N/A	16	761	70.97	97.62
Hs.444089	8.19	25.74	0.32	chr5	N/A	11	377	63.23	92.98
Hs.657520	14.71	46.27	0.32	chr6	N/A	10	28	44.25	130.81
Hs.603733	7.85	24.69	0.32	chr4	N/A	2	22	10.01	102.09
Hs.440501	3.99	12.55	0.32	chr5	N/A	1	304	0.00	56.71
SLC13A4	17.34	54.54	0.32	chr7	7q33	21	457	97.89	104.94
ZHX1	37.55	118.14	0.32	chr8	8q24.13	37	858	143.48	79.03
Hs.604014	6.28	19.75	0.32	chr19	N/A	2	22	1.65	59.56
PCSK9	10.82	34.06	0.32	chr1	1p32.3	30	415	88.64	109.92
OR10AG1	17.54	55.20	0.32	chr11	11q11	5	52	82.57	56.15
Hs.660706	10.41	32.76	0.32	chr11	N/A	2	16	26.60	51.83
Hs.571183	10.66	33.55	0.32	chr6	N/A	5	22	85.07	89.89
RNPEP	65.43	205.99	0.32	chr1	1q32	38	952	87.34	49.64
Hs.386254	12.74	40.10	0.32	chr8	N/A	2	22	68.62	61.19
SCFD2	20.05	63.13	0.32	chr4	4q12	37	902	102.57	89.38
Hs.632975	19.99	62.95	0.32	chr8	N/A	7	73	44.61	181.33
Hs.671448	4.87	15.32	0.32	chr7	N/A	1	304	0.00	62.10
MICALCL	8.61	27.12	0.32	chr11	11p15.3	18	413	142.49	149.56
MRC1	40.78	128.43	0.32	chr10	10p12.33	33	577	75.11	151.17
Hs.303498	12.55	39.53	0.32	chr14	N/A	7	73	87.13	130.42
LRRC58	23.54	74.16	0.32	chr3	3q13.33	38	798	98.80	108.15
Hs.607057	4.20	13.23	0.32	chr5	N/A	1	304	0.00	85.20
Hs.659510	7.88	24.84	0.32	chr15	N/A	2	22	77.26	58.63
Hs.655102	4.90	15.43	0.32	chr18	N/A	7	73	44.46	78.81
Hs.658369	14.49	45.64	0.32	chr3	N/A	17	101	44.90	62.86
BTAF1	30.69	96.71	0.32	chr10	10q22-q23	30	564	78.91	75.90
OR5AN1	22.12	69.71	0.32	chr11	11q12.1	5	52	62.13	36.63
GIT1	31.72	99.97	0.32	chr17	17p11.2	45	627	137.82	92.91
KIAA0226L	13.29	41.89	0.32	chr13	13q14.13	67	1190	113.21	127.07
Hs.550817	14.27	44.98	0.32	chr1	N/A	1	304	0.00	44.84
Hs.595696	10.41	32.82	0.32	chr7	N/A	2	22	36.77	71.27
LOC100506305	11.04	34.81	0.32	chr11	N/A	10	399	111.59	57.36
Hs.663002	6.48	20.42	0.32	chr3	N/A	1	304	0.00	60.41
Hs.680355	2.67	8.43	0.32	chr2	N/A	1	304	0.00	80.06
ACVR1C	13.10	41.31	0.32	chr2	2q24.1	28	704	66.52	151.50
C10orf67	10.35	32.65	0.32	chr10	10p12.2	19	941	105.70	68.01
YIPF5	39.05	123.18	0.32	chr5	5q31.3	51	1546	59.41	69.54
ADPGK	46.60	146.99	0.32	chr15	15q24.1	27	827	69.52	100.04
Hs.656351	12.90	40.68	0.32	chr18	N/A	18	405	70.58	68.45
PMAIP1	12.74	40.20	0.32	chr18	18q21.32	128	1133	185.79	183.11
RNASEK	279.77	882.67	0.32	chr17	17p13.1	14	332	77.94	41.16
LOC100507389	7.59	23.95	0.32	chr3	3q23	9	683	90.28	250.06
NAP1L5	31.91	100.67	0.32	chr4	4q21-q22	35	749	82.06	128.51
TMEM221	9.06	28.59	0.32	chr19	19p13.11	7	659	71.82	62.59
ZDHHHC20	43.40	136.95	0.32	chr13	13q12.11	50	894	108.32	102.60
Hs.666185	4.98	15.72	0.32	chr16	N/A	5	51	38.16	68.86
Hs.696546	15.21	48.02	0.32	chr6	N/A	7	73	39.45	54.19
Hs.182514	11.64	36.76	0.32	chr2	N/A	1	304	0.00	51.39
Hs.664635	5.24	16.54	0.32	chr3	N/A	7	73	14.55	102.89
S100A7	130.88	413.28	0.32	chr1	1q21	30	567	215.25	350.67
Hs.633779	12.81	40.47	0.32	chr17	N/A	5	420	65.58	82.24
CA7	17.71	55.91	0.32	chr16	16q22.1	32	567	130.49	79.99
GDAP2	16.62	52.50	0.32	chr1	1p12	70	1168	99.00	94.31
Hs.132111	4.14	13.06	0.32	chr8	N/A	6	326	48.77	77.40
Hs.540875	6.17	19.49	0.32	chr17	N/A	7	73	41.66	73.76
Hs.512463	4.76	15.05	0.32	chr9	N/A	7	73	22.62	124.99
ZNF665	44.94	142.00	0.32	chr19	19q13.42	31	499	117.18	70.12
Hs.147470	16.19	51.16	0.32	chr12	N/A	1	304	0.00	68.92
TRBV24-1	6.40	20.23	0.32	chr7	7q34	1	304	0.00	54.79
SHROOM2	20.44	64.60	0.32	chrX	Xp22.3	37	650	104.87	132.92
SCN11A	7.60	24.03	0.32	chr3	3p22.2	37	1206	98.13	235.61
SLC12A5	11.95	37.80	0.32	chr20	20q13.12	26	493	108.30	209.35
ZNF408	16.21	51.28	0.32	chr11	11p11.2	28	532	104.25	91.18
OR2G2	8.43	26.66	0.32	chr1	1q44	5	52	69.99	73.65
SUMO2	304.30	962.70	0.32	chr17	17q25.1	96	1630	100.31	68.21
Hs.659958	7.84	24.79	0.32	chr7	N/A	14	146	68.30	71.67
PLG	33.07	104.66	0.32	chr6	6q26	82	1551	151.33	416.03
SPATA13	28.46	90.08	0.32	chr13	13q12.12	37	819	91.93	135.25
SCNN1B	17.13	54.23	0.32	chr16	16p12.2-p12.1	40	598	106.98	101.78
Hs.601543	10.06	31.83	0.32	chr11	N/A	7	73	131.26	171.79
Hs.667368	3.65	11.56	0.32	chr1	N/A	1	305	0.00	51.50
Hs.659816	5.55	17.56	0.32	chr10	N/A	8	377	68.95	98.49
MROH1	12.26	38.81	0.32	chr8	8q24.3	62	1578	79.86	117.90
Hs.721872	36.00	113.98	0.32	chr10	N/A	10	28	23.10	84.96
FBP2	11.77	37.25	0.32	chr9	9q22.3	30	568	109.28	426.66
GLIPR1L1	12.40	39.28	0.32	chr12	12q21.2	26	457	84.75	176.34
Hs.633667	13.01	41.21	0.32	chr17	N/A	8	377	53.68	63.38
Hs.104789	10.08	31.94	0.32	chr9	N/A	4	304	31.24	81.53
Hs.661405	636.21	2,015.27	0.32	chr15	N/A	7	73	146.57	104.10
Hs.657628	11.85	37.53	0.32	chr1	N/A	14	413	64.21	50.78
GJB5	10.31	32.67	0.32	chr1	1p35.1	30	565	89.16	137.22
C20orf173	9.79	31.02	0.32	chr20	20q11.22	15	316	48.17	123.66
IRS2	60.68	192.29	0.32	chr13	13q34	79	1351	120.26	101.67
LNP1	20.17	63.93	0.32	chr3	3q12.2	16	437	135.21	109.76

VCX	30.02	95.12	0.32	chrX	Xp22	20	101	125.81	474.77
B3GNT4	12.31	39.02	0.32	chr12	12q24	38	554	108.52	61.58
CXorf51A	22.64	71.77	0.32	chrX	Xq27.3	2	16	122.93	245.53
Hs.185918	5.41	17.16	0.32	chr11	N/A	11	377	62.21	68.84
Hs.665755	7.47	23.68	0.32	chr8	N/A	8	377	65.43	47.29
VPS4B	53.30	169.01	0.32	chr18	18q21.33	47	690	85.91	72.08
Hs.665333	25.65	81.32	0.32	chr9	N/A	1	304	0.00	43.75
LOC100130899	10.17	32.26	0.32	chr22	22q13.1	7	73	65.15	86.54
MIR143HG	38.37	121.71	0.32	chr5	5q32	33	885	86.37	201.64
Hs.668031	3.85	12.21	0.32	chr17	N/A	1	304	0.00	47.88
CCDC172	6.48	20.54	0.32	chr10	10q25.3	14	332	55.04	89.42
DEF6	21.35	67.74	0.32	chr6	6p21.33-p21.1	29	835	132.86	104.74
C10orf114	19.44	61.66	0.32	chr10	10p12.31	18	636	45.65	124.15
LBR	63.31	200.94	0.32	chr1	1q42.1	48	701	75.55	106.00
UBXN4	55.44	175.97	0.32	chr2	2q21.3	61	1784	121.05	114.61
HS3ST2	16.87	53.55	0.32	chr16	16p12	35	611	113.94	98.90
Hs.439682	16.68	52.95	0.31	chr12	N/A	18	405	41.27	90.01
Hs.655896	12.67	40.22	0.31	chr5	N/A	7	73	85.28	50.91
MYO15A	12.65	40.16	0.31	chr17	17p11.2	40	577	112.34	174.46
Hs.596151	4.91	15.60	0.31	chr3	N/A	7	73	83.94	93.48
Hs.603313	6.37	20.23	0.31	chr1	N/A	2	22	11.38	63.57
Hs.690052	15.22	48.35	0.31	chr1	N/A	11	332	57.02	52.29
MORC2-AS1	18.29	58.10	0.31	chr22	22q12.2	40	798	82.17	141.12
Hs.603973	11.61	36.89	0.31	chr21	N/A	7	73	47.85	59.56
NRSN1	10.28	32.66	0.31	chr6	6p22.3	43	562	163.64	136.50
LOC100288646	43.79	139.18	0.31	chr1	1p36.33	8	12	19.59	41.59
Hs.708932	23.10	73.43	0.31	chr17	N/A	7	73	103.65	62.16
TMPRSS6	15.07	47.90	0.31	chr22	22q12.3	47	1204	157.36	130.53
Hs.148889	4.65	14.77	0.31	chr4	N/A	6	66	44.54	157.67
Hs.709978	13.30	42.26	0.31	chr2	N/A	5	22	53.70	60.11
Hs.271903	10.99	34.96	0.31	chr2	N/A	1	304	0.00	45.04
Hs.694335	23.02	73.22	0.31	chr5	N/A	17	101	137.98	60.73
DYDC1	5.11	16.27	0.31	chr10	10q23.1	27	435	58.45	404.98
MUC17	11.62	36.95	0.31	chr7	7q22.1	55	824	140.96	103.79
Hs.736439	16.31	51.89	0.31	chr6	N/A	10	28	53.13	72.72
Hs.745069	13.62	43.34	0.31	chr6	N/A	8	12	11.65	35.06
Hs.632984	27.57	87.76	0.31	chr16	N/A	7	73	62.53	336.53
Hs.602782	4.58	14.59	0.31	chr11	N/A	7	73	73.75	98.48
TRIM66	15.06	47.95	0.31	chr11	11p15.4	38	1304	52.20	63.65
Hs.660964	6.89	21.94	0.31	chr6	N/A	7	73	35.33	81.63
Hs.668232	7.35	23.40	0.31	chr20	N/A	1	304	0.00	44.44
SLC27A5	24.68	78.63	0.31	chr19	19q13.43	29	835	65.31	327.53
LOC100506548	17.79	56.68	0.31	chr5	N/A	18	405	145.08	57.40
CHGB	63.36	201.89	0.31	chr20	20pter-p12	40	605	74.93	396.89
Hs.602194	10.08	32.12	0.31	chr5	N/A	7	73	33.27	99.58
GRAMD2	5.09	16.21	0.31	chr15	15q23	27	168	43.68	92.95
PLA2G3	7.19	22.90	0.31	chr22	22q12.2	31	481	30.39	80.26
Hs.710121	18.58	59.20	0.31	chr12	N/A	7	73	56.66	59.39
USP50	8.12	25.87	0.31	chr15	15q21.1	5	52	62.76	65.40
HAUS5	23.33	74.36	0.31	chr19	19q13.12	34	1412	178.06	122.48
LOC283403	11.05	35.22	0.31	chr12	12q13.13	4	630	13.33	102.46
Hs.522540	4.00	12.76	0.31	chr9	N/A	2	22	101.34	65.51
Hs.602775	5.22	16.64	0.31	chr10	N/A	2	22	8.71	84.23
Hs.740705	17.90	57.08	0.31	chr19	N/A	7	73	57.93	78.56
Hs.672681	5.64	17.99	0.31	chr2	N/A	1	304	0.00	88.53
Hs.662767	6.08	19.41	0.31	chr12	N/A	7	73	47.40	74.01
LOC100506882	12.71	40.55	0.31	chr17	N/A	8	377	165.60	61.84
Hs.444809	6.21	19.82	0.31	chr11	N/A	8	377	57.86	53.19
ZBTB21	23.29	74.33	0.31	chr21	21q22.3	28	666	104.15	60.80
Hs.601256	22.97	73.30	0.31	chr9	N/A	1	304	0.00	76.87
CDH17	9.80	31.29	0.31	chr8	8q22.1	44	711	82.64	363.31
Hs.276884	4.91	15.67	0.31	chr7	N/A	1	304	0.00	76.10
Hs.658929	7.24	23.11	0.31	chr3	N/A	8	377	66.83	67.66
Hs.312228	9.18	29.30	0.31	chr7	N/A	1	304	0.00	31.34
LOC339524	12.77	40.78	0.31	chr1	1p22.3	14	332	78.48	44.21
SPPL3	45.37	144.86	0.31	chr12	12q24.31	63	1182	83.88	73.39
SLC9A9	19.98	63.83	0.31	chr3	3q24	46	910	109.81	79.23
AKR1C1	143.98	459.96	0.31	chr10	10p15-p14	89	1312	128.15	165.98
MME	25.11	80.21	0.31	chr3	3q25.2	69	1108	104.78	153.63
BEX1	94.18	300.91	0.31	chrX	Xq22	41	561	182.06	193.00
PRRC1	37.33	119.27	0.31	chr5	5q23.2	47	1004	96.43	77.78
Hs.546324	17.56	56.10	0.31	chr3	N/A	8	377	42.30	41.92
Hs.721962	12.19	38.96	0.31	chr12	N/A	7	73	66.89	52.33
UGT2B15	15.34	49.01	0.31	chr4	4q13	38	1375	131.38	449.33
BNC2	22.38	71.54	0.31	chr9	9p22.2	77	2054	89.66	146.10
Hs.513102	19.67	62.86	0.31	chr15	N/A	7	73	64.83	75.72
HSD3B1	12.68	40.54	0.31	chr1	1p13.1	53	1032	103.54	1,143.03
Hs.703488	26.31	84.11	0.31	chr9	N/A	7	73	39.85	95.48
Hs.659634	4.92	15.72	0.31	chr1	N/A	7	73	56.31	101.31
CLIP3	27.98	89.48	0.31	chr19	19q13.12	48	977	160.88	184.67
IQGAP1	71.05	227.27	0.31	chr15	15q26.1	66	1613	229.53	119.29
PP13	13.45	43.04	0.31	chr17	17q25.3	15	448	91.97	70.06
OR52K1	48.06	153.74	0.31	chr11	11p15.4	10	104	99.61	89.39
Hs.585087	12.86	41.14	0.31	chr12	N/A	8	377	71.34	89.39
Hs.664488	5.85	18.72	0.31	chr10	N/A	7	73	46.28	71.89
Hs.563548	4.78	15.30	0.31	chr8	N/A	3	66	33.95	96.54
Hs.668049	10.07	32.23	0.31	chr16	N/A	2	22	12.69	241.95
GOLGA7	73.64	235.69	0.31	chr8	8p11.21	50	934	147.30	68.45
TES	38.06	121.84	0.31	chr7	7q31.2	76	1508	87.70	135.03
PARD6G-AS1	12.02	38.47	0.31	chr18	18q23	9	681	96.02	66.48
Hs.635042	6.26	20.03	0.31	chr17	N/A	7	73	52.11	73.27
GPR149	19.59	62.72	0.31	chr3	3q25.2	18	80	151.30	91.89
HLA-DMB	95.02	304.29	0.31	chr6	6p21.3	50	633	107.88	205.50

ASAP1-IT1	13.57	43.46	0.31	chr8	8q24.21	25	476	111.31	80.15
CSAG3	9.81	31.44	0.31	chrX	Xq28	14	12	53.42	28.42
RNF24	24.12	77.26	0.31	chr20	20p13	47	1500	96.60	106.62
Hs.733199	10.05	32.18	0.31	chr19	N/A	1	304	0.00	78.24
MAP3K14-AS1	6.62	21.21	0.31	chr17	17q21.31	11	333	58.27	52.36
PADI3	12.20	39.08	0.31	chr1	1p36.13	21	453	57.91	108.23
GLDN	27.92	89.44	0.31	chr15	15q21.2	42	945	108.71	228.12
SOCS2-AS1	9.24	29.61	0.31	chr12	12q22	1	304	0.00	71.23
Hs.404330	6.08	19.47	0.31	chr7	N/A	10	73	28.42	282.62
Hs.710686	19.54	62.62	0.31	chr9	N/A	10	28	59.61	34.27
SLC35A3	28.79	92.25	0.31	chr1	1p21	59	1506	87.28	301.56
Hs.726982	6.83	21.89	0.31	chr6	N/A	15	448	59.26	77.80
UNKL	20.53	65.81	0.31	chr16	16p13.3	58	1269	96.90	85.79
Hs.655719	10.80	34.61	0.31	chr10	N/A	7	73	70.90	56.84
Hs.99691	7.87	25.24	0.31	chr4	N/A	6	355	48.71	59.07
Hs.663895	29.13	93.41	0.31	chr13	N/A	7	73	50.95	90.46
GZMK	17.93	57.48	0.31	chr5	5q11.2	30	573	92.43	130.10
SPA17	24.22	77.68	0.31	chr11	11q24.2	35	622	75.54	349.30
ALLC	9.30	29.83	0.31	chr2	2q35	34	514	75.36	118.85
Hs.668682	7.00	22.46	0.31	chr18	N/A	1	304	0.00	63.43
C3orf58	16.48	52.86	0.31	chr3	3q24	35	1125	112.43	127.59
Hs.306823	3.24	10.41	0.31	chr8	N/A	1	304	0.00	59.60
Hs.107801	10.79	34.60	0.31	chr13	N/A	21	405	55.27	116.73
LOC728158	3.01	9.66	0.31	chr10	10q26.2	3	66	56.63	84.75
MTL5	6.06	19.43	0.31	chr11	11q13.2-q13.3	49	931	53.29	206.97
SNORD114-3	5.86	18.81	0.31	chr14	14q32	28	433	73.31	118.99
ZNF862	19.88	63.81	0.31	chr7	7q36.1	27	931	95.98	76.16
Hs.433047	5.88	18.86	0.31	chr12	N/A	7	73	68.31	452.58
Hs.606890	7.47	23.97	0.31	chr8	N/A	5	420	36.50	71.11
BACE2	46.34	148.75	0.31	chr21	21q22.3	49	941	57.58	84.25
IL6R	21.10	67.75	0.31	chr1	1q21	44	1333	84.56	150.93
FAM99B	8.67	27.86	0.31	chr11	11p15.5	8	377	55.11	79.99
Hs.682201	24.46	78.57	0.31	chr20	N/A	1	304	0.00	39.75
RNF135	40.87	131.33	0.31	chr17	17q11.2	50	904	169.58	85.48
TMEM30A	55.82	179.46	0.31	chr6	6q14.1	33	1108	99.96	89.84
Hs.668939	4.34	13.95	0.31	chr11	N/A	1	304	0.00	61.48
SPATA6	14.76	47.46	0.31	chr1	1p33	50	1672	80.85	354.19
SPINK4	9.46	30.40	0.31	chr9	9p13.3	37	639	164.05	277.80
LUZP4	9.34	30.03	0.31	chrX	Xq23	21	453	78.61	77.01
Hs.271498	18.52	59.56	0.31	chr12	N/A	21	393	195.03	84.19
Hs.657888	7.02	22.57	0.31	chr7	N/A	7	73	29.28	55.76
CERCAM	16.80	54.04	0.31	chr9	9q34.11	30	770	117.62	166.36
SMIM6	13.20	42.47	0.31	chr17	N/A	18	405	133.14	99.47
TMPRSS11A	10.55	33.94	0.31	chr4	4q13.2	19	186	145.00	99.67
Hs.712803	5.98	19.23	0.31	chr19	N/A	5	420	56.31	102.69
DAPK1	25.26	81.28	0.31	chr9	9q21.33	66	1244	94.65	118.42
Hs.154607	4.83	15.54	0.31	chr9	N/A	2	22	30.51	78.70
Hs.602530	6.45	20.76	0.31	chr13	N/A	7	73	53.19	93.18
CDC25B	44.83	144.34	0.31	chr20	20p13	45	701	125.42	85.07
Hs.435757	5.40	17.40	0.31	chr17	N/A	8	377	37.70	49.35
Hs.656393	12.66	40.78	0.31	chr17	N/A	18	405	28.09	49.18
WWTR1-AS1	3.25	10.46	0.31	chr3	3q25.1	1	304	0.00	69.54
METTL16	20.38	65.64	0.31	chr17	17p13.3	46	1294	152.28	99.58
Hs.655291	7.14	22.99	0.31	chr2	N/A	8	377	89.86	72.73
Hs.666014	11.33	36.48	0.31	chr7	N/A	7	73	50.38	72.76
LURAP1L	17.86	57.53	0.31	chr9	9p23	33	542	67.73	78.73
MAGEA9	9.83	31.67	0.31	chrX	Xq28	18	67	86.78	72.36
KIAA1407	14.29	46.05	0.31	chr3	3q13.31	51	591	115.46	85.67
GUCA2A	12.79	41.21	0.31	chr1	1p35-p34	23	120	66.91	803.40
AARD	16.28	52.47	0.31	chr8	8q24.11	13	28	39.48	184.69
Hs.162595	10.67	34.39	0.31	chr1	N/A	1	304	0.00	72.16
Hs.661812	11.69	37.69	0.31	chr1	N/A	1	304	0.00	87.53
Hs.537653	3.43	11.07	0.31	chr1	N/A	2	22	67.97	111.30
Hs.667648	5.63	18.16	0.31	chr2	N/A	2	22	18.60	67.98
WDR27	10.85	34.98	0.31	chr6	6q27	87	2274	89.08	71.37
Hs.35090	2.81	9.06	0.31	chr13	N/A	1	304	0.00	65.12
Hs.658935	8.06	26.01	0.31	chr10	N/A	18	405	101.34	75.18
Hs.201220	6.44	20.79	0.31	chr11	N/A	4	304	22.22	73.81
Hs.613790	13.25	42.75	0.31	chr15	N/A	9	316	133.01	36.67
FBXO27	12.43	40.09	0.31	chr19	19q13.2	26	461	99.54	64.68
MTMR1	25.74	83.07	0.31	chrX	Xq28	58	1860	85.30	107.65
CCDC178	10.79	34.82	0.31	chr18	18q12.1	34	546	73.88	91.66
C16orf89	33.13	106.93	0.31	chr16	16p13.3	29	420	152.46	246.58
ANHX	14.84	47.90	0.31	chr12	12q24.33	14	659	164.59	149.77
Hs.658803	5.44	17.57	0.31	chr8	N/A	8	377	35.55	84.44
Hs.659425	3.45	11.15	0.31	chr3	N/A	1	313	0.00	120.93
Hs.655466	7.01	22.62	0.31	chr9	N/A	2	608	19.71	97.85
Hs.602862	6.08	19.62	0.31	chrX	N/A	2	39	0.77	37.63
Hs.636910	3.03	9.78	0.31	chr12	N/A	10	28	37.15	284.10
MAP7	17.51	56.54	0.31	chr6	6q23.3	62	1166	95.95	122.66
HMGNI	159.04	513.59	0.31	chr21	21q22.2	87	1164	102.05	77.96
HIST1H2AC	42.55	137.43	0.31	chr6	6p22.1	46	739	120.19	124.39
HSD17B13	15.90	51.35	0.31	chr4	4q22.1	28	157	91.87	123.78
FAM91A1	28.40	91.74	0.31	chr8	8q24.13	57	905	136.41	71.62
FLJ38668	9.11	29.42	0.31	chr2	2q12.3	13	348	71.30	48.20
SLC35E1	80.68	260.75	0.31	chr19	19p13.11	75	2531	148.24	189.26
Hs.720255	10.84	35.04	0.31	chr7	N/A	13	28	47.47	96.92
Hs.657692	9.14	29.54	0.31	chr5	N/A	14	146	55.43	169.25
CCDC151	14.04	45.40	0.31	chr19	19p13.2	21	417	140.85	69.13
PLS1	18.26	59.03	0.31	chr3	3q23	35	626	119.01	140.17
C4orf45	6.63	21.43	0.31	chr4	4q32.1	17	333	65.05	155.71
LPCAT1	22.78	73.65	0.31	chr5	5p15.33	62	683	124.96	120.27
CCL21	73.53	237.74	0.31	chr9	9p13	28	563	107.69	287.39

PLCB3	15.69	50.74	0.31	chr11	11q13	23	493	90.92	58.01
Hs.633175	25.59	82.76	0.31	chr1	N/A	17	146	92.49	110.00
Hs.344136	6.08	19.67	0.31	chr7	N/A	5	22	51.65	74.58
Hs.135562	6.30	20.39	0.31	chrX	N/A	14	332	32.69	76.41
CHDC2	9.09	29.39	0.31	chrX	Xp21.1	17	332	61.70	45.58
Hs.667465	4.27	13.80	0.31	chr3	N/A	2	22	23.37	87.36
Hs.662896	8.97	29.01	0.31	chr8	N/A	7	73	43.89	57.91
KRTAP7-1	8.56	27.70	0.31	chr21	21q22.1	16	384	76.69	53.63
PVALB	30.07	97.28	0.31	chr22	22q13.1	34	655	157.88	764.50
Hs.152432	21.41	69.28	0.31	chr8	N/A	11	332	26.65	76.80
PRSS58	11.83	38.29	0.31	chr7	7q34	24	405	114.18	98.01
GOLT1A	21.93	70.98	0.31	chr1	1q32.1	30	561	110.17	750.69
STMN3	45.44	147.04	0.31	chr20	20q13.3	52	910	82.63	352.52
Hs.131087	5.11	16.54	0.31	chr3	N/A	7	73	53.65	84.80
Hs.660872	22.42	72.57	0.31	chr9	N/A	5	51	71.10	57.18
CRYBG3	28.09	90.94	0.31	chr3	3q11.2	48	772	115.98	86.69
PRRT2	26.14	84.62	0.31	chr16	16p11.2	23	464	66.14	101.91
ATP10D	20.68	66.94	0.31	chr4	4p12	44	704	117.59	77.62
OR4S2	13.05	42.25	0.31	chr11	11q11	5	52	59.72	78.38
INSL3	29.89	96.79	0.31	chr19	19p13.2-p12	48	1368	106.04	376.48
Hs.668162	38.48	124.61	0.31	chr22	N/A	2	22	111.07	102.33
ARL6	8.33	26.98	0.31	chr3	3q11.2	43	836	57.89	83.42
PARP14	37.64	121.90	0.31	chr3	3q21.1	70	991	184.90	212.04
Hs.667770	10.00	32.38	0.31	chr9	N/A	3	326	47.83	61.81
Hs.566878	3.44	11.15	0.31	chr8	N/A	7	73	51.28	75.77
Hs.469690	5.93	19.22	0.31	chr2	N/A	8	377	37.53	48.99
Hs.660168	4.73	15.32	0.31	chr8	N/A	7	73	29.37	78.29
DDX4	9.57	31.01	0.31	chr5	5p15.2-p13.1	26	504	124.18	513.85
PGC	45.12	146.25	0.31	chr6	6p21.1	41	909	136.19	578.80
MTPP	16.94	54.90	0.31	chr4	4q24	34	643	74.44	387.83
LOC100507642	7.31	23.71	0.31	chr7	N/A	18	405	86.98	52.61
Hs.603353	5.20	16.86	0.31	chr1	N/A	3	66	74.09	70.58
C14orf79	12.50	40.52	0.31	chr14	14q32.33	49	623	88.07	99.86
Hs.671826	8.78	28.45	0.31	chr19	N/A	1	304	0.00	38.62
Hs.741808	25.64	83.13	0.31	chr1	N/A	1	304	0.00	115.66
ZNF266	37.43	121.37	0.31	chr19	19p13.2	48	639	100.63	76.37
DCLRE1C	23.90	77.54	0.31	chr10	10p13	81	1532	109.07	119.83
PIH1D2	12.54	40.67	0.31	chr11	11q23.1	23	460	106.06	331.69
KCTD1	22.53	73.11	0.31	chr18	18q11.2	52	1530	86.07	138.03
Hs.568789	8.87	28.77	0.31	chr10	N/A	5	22	76.79	84.16
AQP8	10.91	35.41	0.31	chr16	16p12	23	499	39.65	359.24
KLF10	68.57	222.54	0.31	chr8	8q22.2	41	623	68.37	98.14
Hs.704263	14.31	46.45	0.31	chr22	N/A	4	304	89.11	47.29
LOC100128787	5.23	16.98	0.31	chr1	1p21.2	14	146	72.31	97.79
Hs.666122	10.95	35.53	0.31	chr12	N/A	8	377	98.94	58.55
FAM153A	15.78	51.22	0.31	chr5	5q35.3	38	554	71.19	92.37
ZFP90	28.24	91.69	0.31	chr16	16q22.1	51	1303	105.03	73.30
Hs.710129	1.94	6.30	0.31	chr6	N/A	2	39	82.54	47.57
Hs.603046	21.65	70.28	0.31	chr4	N/A	7	73	103.16	208.85
SULT1C4	117.80	382.51	0.31	chr2	2q12.3	22	759	186.57	107.52
DHX15	77.26	250.85	0.31	chr4	4p15.3	69	1244	151.24	99.00
Hs.596737	23.98	77.87	0.31	chr13	N/A	3	66	41.59	54.74
TMSB15A	15.19	49.33	0.31	chrX	Xq21.33-q22.3	23	499	68.50	160.04
RCC2	56.88	184.79	0.31	chr1	1p36.13	65	673	119.22	82.01
Hs.632934	8.32	27.03	0.31	chr11	N/A	1	304	0.00	54.21
LPPR3	9.02	29.30	0.31	chr19	19p13.3	27	449	78.18	91.78
Hs.662439	3.65	11.86	0.31	chr2	N/A	11	332	30.05	130.08
Hs.658392	17.75	57.65	0.31	chrX	N/A	8	377	42.96	39.22
TMEM163	13.78	44.79	0.31	chr2	2q21.3	57	1117	89.59	124.74
CDX4	26.56	86.34	0.31	chrX	Xq13.2	21	465	88.90	720.47
FNDC7	5.51	17.92	0.31	chr1	1p13.3	17	332	57.81	62.79
TRPS1	26.84	87.25	0.31	chr8	8q24.12	65	1758	95.63	112.29
Hs.633638	14.37	46.72	0.31	chr2	N/A	2	22	22.12	39.40
Hs.660247	31.67	102.98	0.31	chr20	N/A	5	420	68.62	67.40
CREBL2	43.96	142.96	0.31	chr12	12p13	57	1518	95.48	84.40
CYP4F22	9.56	31.10	0.31	chr19	19p13.12	19	391	58.48	154.82
Hs.633625	10.02	32.58	0.31	chr15	N/A	10	73	46.79	94.08
C2orf80	4.74	15.42	0.31	chr2	2q34	11	336	48.95	173.49
Hs.713695	21.55	70.12	0.31	chr18	N/A	15	85	40.06	71.92
Hs.596577	21.49	69.94	0.31	chr21	N/A	10	28	161.91	32.48
Hs.272208	3.71	12.06	0.31	chr3	N/A	1	304	0.00	78.50
Hs.669851	5.54	18.04	0.31	chr7	N/A	1	304	0.00	67.81
RNF212	8.84	28.77	0.31	chr4	4p16.3	21	702	84.57	120.34
EGFR	23.31	75.88	0.31	chr7	7p12	112	3738	108.86	166.61
C9orf117	25.57	83.24	0.31	chr9	9q34.11	13	624	83.40	177.22
IL6ST	55.89	181.96	0.31	chr5	5q11.2	93	3161	172.24	157.25
Hs.656576	3.13	10.20	0.31	chr8	N/A	1	304	0.00	83.06
EIF2AK3	21.45	69.85	0.31	chr2	2p12	36	915	68.64	113.13
Hs.615028	8.62	28.08	0.31	chr8	N/A	11	333	81.60	44.66
Hs.700870	29.29	95.48	0.31	chr2	N/A	10	73	48.71	131.88
HIST2H4B	16.76	54.63	0.31	chr1	1q21	5	16	60.41	37.90
Hs.125166	7.20	23.48	0.31	chr11	N/A	4	304	28.60	189.71
LOC100506997	6.88	22.44	0.31	chr13	N/A	1	304	0.00	59.12
LOC100506102	8.55	27.88	0.31	chr5	N/A	8	378	59.69	143.43
Hs.128598	4.09	13.35	0.31	chr2	N/A	5	51	39.80	98.35
DKFZP58611420	38.82	126.62	0.31	chr7	7p14.3	33	572	87.38	58.91
LOC100130078	13.71	44.71	0.31	chr17	17q25.3	11	332	38.40	52.99
TMEM35	20.44	66.67	0.31	chrX	Xq22.1	30	484	38.37	120.11
Hs.741938	8.25	26.91	0.31	chr5	N/A	4	304	61.01	40.72
RALGPS2	12.44	40.59	0.31	chr1	1q25.2	67	1622	98.19	174.04
ACCS	20.66	67.42	0.31	chr11	11p11	26	457	66.36	76.05
NPIPL2	14.91	48.66	0.31	chr16	16q23.1	5	420	105.05	59.55
GBP6	29.80	97.26	0.31	chr1	1p22.2	15	678	211.83	276.38

FAM35A	42.74	139.49	0.31	chr10	10q23.2	45	863	131.89	99.41
SAMHD1	29.25	95.46	0.31	chr20	20pter-q12	33	1484	143.21	154.97
CCK	20.59	67.22	0.31	chr3	3p22.1	30	575	65.75	304.00
Hs.608901	90.77	296.30	0.31	chr7	N/A	1	304	0.00	53.91
Hs.713212	9.55	31.16	0.31	chr2	N/A	1	304	0.00	55.12
Hs.594427	19.66	64.18	0.31	chr5	N/A	17	101	68.60	64.85
ANKRD20A3	12.26	40.03	0.31	chr9	9p12	66	168	49.25	133.13
Hs.677811	15.66	51.13	0.31	chr3	N/A	1	304	0.00	77.62
CPE	117.46	383.65	0.31	chr4	4q32.3	35	997	84.38	127.14
SLC7A7	44.54	145.48	0.31	chr14	14q11.2	35	627	87.44	190.75
CTAGE4	36.39	118.86	0.31	chr7	7q35	29	145	72.85	133.93
Hs.133294	13.22	43.19	0.31	chr1	N/A	24	174	105.47	123.52
RASGRP1	16.21	52.98	0.31	chr15	15q14	71	849	161.76	170.96
Hs.715121	4.81	15.71	0.31	chrX	N/A	10	28	35.39	74.24
CLEC4E	10.32	33.74	0.31	chr12	12p13.31	22	768	59.22	125.32
LOC100506098	11.74	38.36	0.31	chr7	N/A	28	478	58.63	121.65
Hs.662796	12.69	41.48	0.31	chr1	N/A	8	377	56.09	44.52
CEP350	33.68	110.09	0.31	chr1	1q25.2	68	2121	96.18	82.13
MAPK13	21.85	71.43	0.31	chr6	6p21.31	69	1229	93.25	103.25
LOXL4	18.34	59.98	0.31	chr10	10q24	30	724	112.27	103.81
Hs.116424	12.96	42.40	0.31	chr16	N/A	1	304	0.00	65.20
FLJ45340	34.39	112.52	0.31	chr7	7q32.1	79	1294	68.42	200.49
Hs.238996	9.91	32.42	0.31	chr12	N/A	1	304	0.00	115.14
IFIT3	36.12	118.18	0.31	chr10	10q24	30	808	97.97	90.29
SOSTDC1	11.25	36.84	0.31	chr7	7p21.1	30	568	82.30	133.67
MICAL1	25.94	84.90	0.31	chr6	6q21	28	533	75.15	96.25
Hs.659503	8.63	28.25	0.31	chr16	N/A	1	304	0.00	68.18
INPP5F	23.22	76.02	0.31	chr10	10q26.11	62	1354	86.46	201.36
Hs.634966	2.93	9.60	0.31	chr17	N/A	1	304	0.00	75.53
Hs.333348	7.30	23.90	0.31	chr19	N/A	8	377	51.21	57.72
Hs.123784	8.17	26.74	0.31	chrX	N/A	15	85	66.83	207.72
Hs.593810	7.12	23.30	0.31	chr14	N/A	1	304	0.00	84.35
USP30-AS1	7.76	25.42	0.31	chr12	12q24.11	1	304	0.00	35.19
SEPT12	17.33	56.75	0.31	chr16	16p13.3	19	384	52.76	400.17
Hs.634852	119.57	391.60	0.31	chr2	N/A	7	73	52.70	117.10
CD3G	13.56	44.40	0.31	chr11	11q23	30	570	163.23	373.79
SIRPD	10.59	34.70	0.31	chr20	20p13	43	563	110.70	194.27
PLCD4	22.83	74.78	0.31	chr2	2q35	26	457	148.00	108.12
LTB	43.70	143.15	0.31	chr6	6p21.3	33	573	86.04	231.63
Hs.127406	5.36	17.58	0.31	chr1	N/A	2	22	26.44	55.64
OR51T1	39.00	127.79	0.31	chr11	11p15.4	8	52	58.47	48.13
MUC13	11.04	36.17	0.31	chr3	3q21.2	36	899	64.76	262.30
OK/SW-CL.36	6.58	21.58	0.31	chr4	4q21.23	11	332	41.75	45.82
Hs.632964	10.25	33.61	0.31	chr20	N/A	8	377	69.62	56.07
STX1B	9.17	30.07	0.31	chr16	16p11.2	31	521	149.41	112.44
PGRMC1	107.28	351.77	0.30	chrX	Xq22-q24	42	1070	135.45	85.66
TREM2	11.79	38.65	0.30	chr6	6p21.1	38	566	94.28	112.09
LINC00652	8.75	28.70	0.30	chr20	20p11.23	24	450	71.94	88.59
BIRC7	12.46	40.87	0.30	chr20	20q13.3	24	441	117.61	54.26
LOC151121	5.52	18.09	0.30	chr2	2q21.1	4	312	22.84	179.96
EVPLL	7.02	23.02	0.30	chr17	17p11.2	8	12	12.91	27.02
Hs.660949	15.24	49.99	0.30	chr3	N/A	15	450	66.67	64.02
Hs.99431	8.62	28.27	0.30	chr14	N/A	11	377	75.67	68.27
LEF1-AS1	5.93	19.45	0.30	chr4	4q25	18	714	87.52	168.56
Hs.28425	9.95	32.64	0.30	chr4	N/A	18	405	53.67	82.40
DGKI	9.84	32.30	0.30	chr7	7q32.3-q33	35	602	75.06	577.98
LOC100289061	6.61	21.70	0.30	chr1	1q21.3	1	304	0.00	78.86
Hs.673671	3.89	12.75	0.30	chr2	N/A	10	28	56.42	55.33
Hs.213065	14.05	46.12	0.30	chr9	N/A	18	405	81.43	63.08
GCNT3	15.74	51.68	0.30	chr15	15q21.3	35	535	157.12	422.88
ORSAS1	14.95	49.07	0.30	chr11	11q12.1	5	52	57.26	86.78
Hs.603263	4.26	13.98	0.30	chr4	N/A	3	66	31.96	79.30
WBP1L	62.79	206.17	0.30	chr10	10q24.32	44	655	153.80	64.32
Hs.600634	7.75	25.43	0.30	chr9	N/A	7	73	45.15	131.65
Hs.542831	5.43	17.83	0.30	chr3	N/A	7	73	47.38	84.68
FGF22	6.17	20.26	0.30	chr19	19p13.3	32	1089	72.05	74.72
PRKCI	34.76	114.20	0.30	chr3	3q26.3	62	1537	120.71	116.98
LOC100507419	6.24	20.51	0.30	chr16	N/A	12	642	104.54	55.01
HOXB3	15.90	52.26	0.30	chr17	17q21.3	53	959	110.19	106.96
OR103	33.05	108.62	0.30	chr1	1q23.2	18	80	105.84	85.82
LINC00317	5.64	18.52	0.30	chr21	21q21.1	11	343	36.43	43.83
PTK6	22.16	72.83	0.30	chr20	20q13.3	36	906	138.42	165.49
Hs.734130	14.59	47.97	0.30	chr15	N/A	7	73	71.51	59.31
GNAQ	49.93	164.13	0.30	chr9	9q21	68	1269	123.02	105.80
CABP4	21.12	69.45	0.30	chr11	11q13.2	24	1070	75.72	146.38
Hs.676448	5.64	18.53	0.30	chr19	N/A	7	73	54.45	116.04
Hs.666147	6.98	22.95	0.30	chr9	N/A	7	73	37.73	66.22
UBXN7	25.27	83.12	0.30	chr3	3q29	35	992	85.26	61.29
YWHAE	124.87	410.73	0.30	chr17	17p13.3	80	1120	161.44	115.82
Hs.602753	5.69	18.73	0.30	chr16	N/A	2	22	3.26	59.55
Hs.97725	6.90	22.69	0.30	chr4	N/A	7	73	71.99	107.35
GLIPR1L2	12.27	40.38	0.30	chr12	12q21.2	26	60	54.90	129.69
Hs.135691	3.95	12.98	0.30	chr2	N/A	3	66	100.92	92.01
LOC100130264	9.23	30.38	0.30	chr20	20p11.23	14	332	86.44	51.72
Hs.721551	9.18	30.20	0.30	chr1	N/A	8	12	12.32	28.43
LRMP	20.23	66.59	0.30	chr12	12p12.1	36	1301	71.95	324.31
GDAP1L1	9.07	29.84	0.30	chr20	20q12	21	453	48.84	82.21
Hs.722161	9.64	31.71	0.30	chr7	N/A	7	84	46.25	71.77
Hs.536748	43.11	141.88	0.30	chr10	N/A	14	332	92.52	37.88
Hs.635078	3.10	10.20	0.30	chr4	N/A	2	22	19.52	159.65
Hs.706874	12.36	40.69	0.30	chr11	N/A	10	28	24.49	124.95
Hs.128375	7.17	23.59	0.30	chr3	N/A	1	304	0.00	45.89
DDAH1	38.38	126.36	0.30	chr1	1p22	80	1632	124.11	154.52

Hs.594417	20.45	67.33	0.30	chr6	N/A	11	332	246.39	56.63
SOCS7	23.68	77.97	0.30	chr17	17q12	59	1342	176.51	115.28
Hs.664820	5.84	19.24	0.30	chr7	N/A	7	73	29.14	80.35
CLCA2	27.96	92.06	0.30	chr1	1p22.3	44	1828	190.90	262.71
Hs.745264	37.26	122.72	0.30	chr1	N/A	7	73	52.08	140.14
FBNP1	48.92	161.14	0.30	chr9	9q34	75	1920	160.42	89.07
Hs.144740	5.25	17.29	0.30	chr2	N/A	8	12	32.37	17.01
FLJ33630	13.57	44.70	0.30	chr5	5q23.3	33	857	50.46	59.79
SCAI	8.93	29.43	0.30	chr9	9q33.3	47	1361	50.25	101.01
Hs.660659	14.84	48.90	0.30	chr8	N/A	12	493	76.20	50.23
Hs.672509	7.00	23.06	0.30	chr1	N/A	1	304	0.00	62.61
Hs.202201	4.77	15.71	0.30	chr2	N/A	18	405	51.76	79.13
AUTS2	26.72	88.06	0.30	chr7	7q11.22	80	1603	114.53	153.67
PLCD1	44.65	147.15	0.30	chr3	3p22-p21.3	28	555	56.96	74.03
Hs.445048	19.46	64.15	0.30	chr17	N/A	7	73	116.65	83.26
LOC100506630	3.17	10.46	0.30	chrX	N/A	2	22	80.88	50.30
Hs.668876	4.28	14.13	0.30	chr1	N/A	1	304	0.00	49.26
LINC00656	5.27	17.37	0.30	chr20	20p11.21	3	320	28.03	51.31
Hs.559151	5.17	17.06	0.30	chr10	N/A	4	304	54.28	73.39
Hs.729177	8.78	28.97	0.30	chr12	N/A	7	73	38.46	132.97
Hs.656585	13.50	44.55	0.30	chr1	N/A	18	405	107.52	89.08
BLOC1S6	43.04	142.00	0.30	chr15	15q21.1	63	1225	118.93	91.47
Hs.592320	6.28	20.71	0.30	chr14	N/A	3	66	22.30	81.50
Hs.437225	4.29	14.17	0.30	chr14	N/A	1	304	0.00	52.71
CDK19	17.42	57.51	0.30	chr6	6q21	54	1407	127.14	170.95
UVSSA	24.75	81.70	0.30	chr4	4p16.3	28	941	126.10	120.01
GLB1L2	21.24	70.11	0.30	chr11	11q25	36	709	194.42	92.66
Hs.123493	4.76	15.70	0.30	chr2	N/A	1	304	0.00	114.17
SLC23A2	19.31	63.75	0.30	chr20	20p13	56	1733	102.04	113.04
LAX1	14.84	49.02	0.30	chr1	1q32.1	40	514	88.77	90.73
LCORL	11.24	37.13	0.30	chr4	4p15.31	41	1019	94.06	84.26
Hs.124554	5.90	19.48	0.30	chr3	N/A	7	73	65.05	180.05
DNM1	23.74	78.42	0.30	chr9	9q34	40	1040	55.09	234.56
Hs.105551	5.66	18.70	0.30	chr6	N/A	10	73	50.06	143.87
SNX18	34.42	113.69	0.30	chr5	5q11.2	47	864	156.04	114.22
Hs.659126	6.34	20.96	0.30	chr7	N/A	7	73	71.48	70.48
LOC100996425	6.22	20.56	0.30	chr16	N/A	18	405	65.76	84.68
Hs.561841	7.72	25.50	0.30	chr8	N/A	4	304	31.18	41.78
DERL3	16.22	53.60	0.30	chr22	22q11.23	44	1418	68.89	112.33
C2orf16	12.89	42.60	0.30	chr2	2p23.3	25	510	120.39	95.69
TMEFF2	39.96	132.07	0.30	chr2	2q32.3	66	1389	217.64	356.65
PTCHD2	12.94	42.78	0.30	chr1	1p36.22	24	761	90.61	70.94
Hs.632871	10.74	35.49	0.30	chr18	N/A	7	73	57.89	54.05
Hs.380239	3.55	11.73	0.30	chr8	N/A	3	66	20.13	88.17
MYLIP	53.02	175.30	0.30	chr6	6p23-p22.3	64	2305	122.23	108.39
SLC2A2	10.46	34.58	0.30	chr3	3q26.1-q26.2	55	684	121.62	439.17
PROCA1	12.53	41.44	0.30	chr17	17q11.2	18	637	41.67	201.86
PCDHGC3	31.95	105.67	0.30	chr5	5q31	445	9167	191.12	229.17
UBAP1L	8.76	28.99	0.30	chr15	15q22.31	9	689	45.01	61.49
Hs.676049	5.14	17.01	0.30	chr5	N/A	1	304	0.00	47.48
Hs.670155	6.09	20.14	0.30	chr19	N/A	2	608	20.93	127.68
SLC34A2	18.79	62.18	0.30	chr4	4p15.2	41	558	55.42	367.78
Hs.635285	3.16	10.45	0.30	chr19	N/A	1	304	0.00	66.94
CDKN3	26.71	88.39	0.30	chr14	14q22	31	881	46.77	339.76
Hs.601018	11.22	37.13	0.30	chr7	N/A	8	377	62.54	60.90
Hs.658704	12.80	42.36	0.30	chr11	N/A	7	73	70.95	151.35
ECM1	74.46	246.56	0.30	chr1	1q21	36	589	68.56	228.67
MACC1	6.08	20.15	0.30	chr7	7p21.1	61	1514	55.66	108.41
Hs.149190	5.08	16.82	0.30	chr15	N/A	8	377	88.89	669.54
LOC100132147	16.01	53.02	0.30	chr1	1p36.13	28	68	82.62	116.43
Hs.659909	4.67	15.46	0.30	chr3	N/A	7	73	66.63	98.96
Hs.735888	19.24	63.73	0.30	chr3	N/A	1	304	0.00	55.90
Hs.604072	4.84	16.04	0.30	chr20	N/A	2	22	22.05	107.12
Hs.656651	4.56	15.10	0.30	chr2	N/A	7	73	47.11	114.82
UMOD	56.11	185.89	0.30	chr16	16p12.3	40	650	296.36	574.01
Hs.534831	6.44	21.34	0.30	chr2	N/A	7	73	39.36	156.40
CBR3-AS1	12.00	39.78	0.30	chr21	N/A	12	636	66.06	98.06
OR4Q3	11.19	37.10	0.30	chr14	14q11.2	8	52	71.53	62.20
MATN2	76.37	253.28	0.30	chr8	8q22	43	605	128.59	140.91
Hs.666816	9.42	31.23	0.30	chr3	N/A	7	73	50.77	121.90
Hs.556898	2.52	8.34	0.30	chr1	N/A	1	304	0.00	63.34
ISM2	9.99	33.14	0.30	chr14	14q24.3	32	460	69.44	56.22
Hs.670908	38.04	126.19	0.30	chr11	N/A	1	304	0.00	68.13
LOC100506229	6.07	20.12	0.30	chr4	N/A	11	337	49.58	182.66
TTC8	35.98	119.36	0.30	chr14	14q31.3	27	417	41.25	118.71
Hs.634724	4.93	16.35	0.30	chr5	N/A	1	304	0.00	82.52
OR51G2	20.22	67.10	0.30	chr11	11p15.4	8	52	68.06	54.40
Hs.571656	3.49	11.57	0.30	chr9	N/A	1	304	0.00	63.04
KCNK16	10.75	35.67	0.30	chr6	6p21.2-p21.1	19	384	57.35	69.17
RBMXL3	51.46	170.76	0.30	chrX	Xq23	22	221	268.29	175.71
Hs.606376	37.67	125.02	0.30	chr22	N/A	3	66	29.36	73.23
Hs.597127	34.08	113.11	0.30	chr1	N/A	7	73	80.72	218.24
ZDHH23	11.01	36.53	0.30	chr3	3q13.31	29	523	52.77	80.91
Hs.504633	5.47	18.15	0.30	chr20	N/A	7	73	71.45	135.88
LOC642366	4.77	15.84	0.30	chr5	5q11.1	10	73	43.76	210.10
LOC283914	15.83	52.55	0.30	chr16	16p11.2-p11.1	4	305	78.17	26.51
TREM1	12.65	41.99	0.30	chr6	6p21.1	28	534	119.63	305.93
SEPT6	23.25	77.18	0.30	chrX	Xq24	78	2747	88.33	154.82
Hs.642224	16.81	55.83	0.30	chr1	1q21.3	26	467	110.95	130.30
Hs.464224	3.71	12.32	0.30	chr17	N/A	1	304	0.00	56.20
Hs.531042	12.06	40.05	0.30	chr17	N/A	1	304	0.00	47.16
LOC339166	5.63	18.70	0.30	chr17	17p13.3-p13.2	1	304	0.00	48.78
CST9L	11.02	36.60	0.30	chr20	20p11.21	26	459	143.65	265.29

Hs.656632	8.02	26.63	0.30	chr8	N/A	18	405	66.32	78.17
Hs.706886	5.85	19.44	0.30	chr11	N/A	7	73	42.55	97.07
Hs.709640	20.03	66.54	0.30	chr1	N/A	1	304	0.00	55.03
Hs.670986	29.74	98.82	0.30	chr20	N/A	1	304	0.00	40.33
Hs.124011	9.02	29.98	0.30	chr7	N/A	1	304	0.00	45.82
AMZ1	12.94	43.02	0.30	chr7	7p22.3	27	770	139.31	72.99
Hs.126958	5.81	19.31	0.30	chr11	N/A	8	377	50.15	112.82
ABCC3	14.52	48.26	0.30	chr17	17q22	50	2131	88.47	156.91
RHPN2	23.03	76.53	0.30	chr19	19q13.11	27	407	141.76	173.05
WNT5A	25.13	83.56	0.30	chr3	3p21-p14	66	1195	155.69	166.61
RGS18	8.01	26.65	0.30	chr1	1q31.2	26	465	82.58	370.74
CYP2A7	31.11	103.49	0.30	chr19	19q13.2	48	1038	132.01	316.89
Hs.443475	7.64	25.42	0.30	chr2	N/A	8	377	74.06	155.89
Hs.663297	3.30	10.99	0.30	chr15	N/A	2	22	15.24	71.17
KLK4	15.74	52.39	0.30	chr19	19q13.41	44	1819	197.25	260.26
FAM110C	29.52	98.23	0.30	chr2	2p25.3	23	421	167.27	133.45
Hs.662221	3.77	12.56	0.30	chr4	N/A	1	304	0.00	86.46
RARRES2	81.35	270.80	0.30	chr7	7q36.1	38	591	110.36	154.76
Hs.229128	8.37	27.87	0.30	chr1	N/A	7	73	54.18	174.72
TNFRSF11A	7.53	25.07	0.30	chr18	18q22.1	34	825	49.26	160.02
CEACAM5	39.38	131.11	0.30	chr19	19q13.1-q13.2	42	1080	127.74	299.75
Hs.592319	26.32	87.67	0.30	chr14	N/A	2	22	107.05	92.39
PIP4K2A	40.97	136.48	0.30	chr10	10p12.2	81	1672	187.65	188.86
DYNLT3	73.41	244.54	0.30	chrX	Xp21	52	694	100.19	94.20
ZNF451	21.63	72.06	0.30	chr6	6p12.1	68	1620	96.29	99.08
SESN2	25.66	85.48	0.30	chr1	1p35.3	27	773	67.87	82.89
LINC00163	12.55	41.83	0.30	chr21	21q22.3	4	305	59.25	36.94
Hs.660736	19.45	64.81	0.30	chr6	N/A	1	304	0.00	106.96
PAX9	27.18	90.58	0.30	chr14	14q13.3	40	605	120.60	556.08
Hs.562340	13.49	44.96	0.30	chr11	N/A	2	22	35.59	95.07
SAMD13	15.47	51.59	0.30	chr1	1p31.1	33	530	157.36	149.10
CTSS	45.29	151.00	0.30	chr1	1q21	60	1475	115.63	162.30
KLHL2	30.68	102.28	0.30	chr4	4q21.2	28	538	84.25	74.50
Hs.732410	7.80	26.02	0.30	chr5	N/A	7	73	68.15	455.93
RNF138	23.10	77.03	0.30	chr18	18q12.1	60	1081	101.59	102.98
Hs.552162	5.57	18.60	0.30	chr9	N/A	1	304	0.00	61.34
LOC100996402	8.13	27.13	0.30	chr7	N/A	18	405	66.66	60.49
PRIM1	16.87	56.28	0.30	chr12	12q13	123	733	65.39	86.82
ZNF469	17.68	59.02	0.30	chr16	16q24	24	408	63.47	60.54
Hs.655868	23.10	77.12	0.30	chr15	N/A	14	532	81.03	68.18
Hs.434652	1.75	5.85	0.30	chr19	N/A	1	304	0.00	52.96
EXOC3L1	10.54	35.19	0.30	chr16	16q22.1	30	761	89.72	60.11
PSAT1	34.32	114.58	0.30	chr9	9q21.2	33	820	92.65	129.07
HMBOX1	51.55	172.15	0.30	chr8	8p21.1	44	695	104.40	82.82
Hs.407557	4.25	14.18	0.30	chr8	N/A	1	304	0.00	78.85
LOC401324	2.95	9.84	0.30	chr7	7p14.2	1	305	0.00	49.78
NR2F1	17.58	58.72	0.30	chr5	5q14	2	39	13.55	61.54
TCTN2	22.91	76.53	0.30	chr12	12q24.31	61	1233	130.91	245.56
Hs.711594	28.22	94.27	0.30	chr17	N/A	5	420	75.69	41.10
Hs.720426	26.15	87.35	0.30	chr4	N/A	8	377	78.85	107.31
Hs.660864	15.67	52.36	0.30	chr6	N/A	1	304	0.00	64.45
Hs.586709	11.89	39.72	0.30	chr11	N/A	7	73	61.99	87.79
Hs.735743	5.32	17.77	0.30	chr12	N/A	2	608	10.99	64.74
Hs.733798	5.17	17.28	0.30	chr1	N/A	1	304	0.00	76.91
Hs.688481	8.23	27.51	0.30	chr10	N/A	21	360	73.56	104.29
Hs.568834	11.16	37.31	0.30	chr10	N/A	8	377	53.92	275.57
GPC6	17.91	59.86	0.30	chr13	13q32	65	1119	116.82	139.91
S100PBP	26.37	88.15	0.30	chr1	1p35.1	75	1105	64.82	376.20
GBA3	13.12	43.88	0.30	chr4	4p15.2	24	765	67.02	264.22
Hs.646953	12.82	42.88	0.30	chr5	N/A	19	709	41.82	169.88
Hs.60257	29.89	99.96	0.30	chr16	N/A	27	186	155.51	111.33
NEBL-AS1	2.95	9.85	0.30	chr10	10p12.31	1	304	0.00	66.24
Hs.595738	3.33	11.14	0.30	chr9	N/A	1	304	0.00	53.13
MMP9	40.44	135.27	0.30	chr20	20q11.2-q13.1	63	796	98.26	271.28
Hs.657486	12.21	40.84	0.30	chr12	N/A	7	73	66.46	52.87
APOBEC3G	14.02	46.91	0.30	chr22	22q13.1-q13.2	54	1152	90.25	110.79
TMC4	26.35	88.19	0.30	chr19	19q13.42	26	466	133.25	102.69
Hs.688414	11.11	37.17	0.30	chr6	N/A	2	16	24.00	39.08
Hs.645827	5.88	19.68	0.30	chr1	N/A	3	66	33.26	48.78
HEXDC	23.77	79.59	0.30	chr17	17q25.3	22	731	95.71	110.12
SOWAHC	32.19	107.78	0.30	chr2	2q13	39	864	161.04	92.34
Hs.595489	10.71	35.87	0.30	chr10	N/A	7	73	84.91	48.66
Hs.715156	14.13	47.32	0.30	chr17	N/A	1	304	0.00	47.93
NKD1	11.66	39.04	0.30	chr16	16q12.1	41	1100	109.90	85.98
ZYG11A	8.36	28.00	0.30	chr1	1p32.3	20	332	86.32	84.84
Hs.568913	34.34	115.03	0.30	chr11	N/A	7	73	95.59	187.59
Hs.675372	15.43	51.72	0.30	chr15	N/A	10	28	73.33	52.21
MAFF	39.71	133.19	0.30	chr22	22q13.1	44	997	67.74	134.80
Hs.668009	10.73	35.99	0.30	chr2	N/A	1	304	0.00	80.31
OR4X2	32.92	110.46	0.30	chr11	11p11.2	18	80	137.28	81.47
IL17RA	24.29	81.49	0.30	chr22	22q11.1	62	1714	85.89	84.86
HSPA6	27.83	93.40	0.30	chr1	1q23	33	960	63.42	194.20
Hs.666506	5.03	16.87	0.30	chr13	N/A	7	73	64.72	92.89
MRV11	36.67	123.08	0.30	chr11	11p15	31	1077	55.90	133.40
SMPDL3A	32.39	108.72	0.30	chr6	6q22.31	43	600	87.26	93.00
Hs.658785	4.47	15.00	0.30	chr6	N/A	7	73	44.80	84.27
Hs.446623	56.91	191.03	0.30	chr19	N/A	5	420	100.02	62.41
MZB1	18.25	61.25	0.30	chr5	5q31.2	32	836	89.31	168.24
LOC100130285	6.53	21.93	0.30	chr16	16p13.3	11	332	21.87	55.24
Hs.655487	20.43	68.60	0.30	chr6	N/A	1	304	0.00	62.55
Hs.602670	4.84	16.26	0.30	chr8	N/A	5	51	44.20	86.45
UBN2	23.30	78.24	0.30	chr7	7q34	28	1460	104.32	71.66
SV2C	18.28	61.41	0.30	chr5	5q13.3	23	847	157.76	281.40

TMEM240	14.68	49.30	0.30	chr1	1p36.33	7	68	67.49	69.84
Hs.634557	3.09	10.39	0.30	chr15	N/A	1	304	0.00	57.90
NOBOX	14.99	50.35	0.30	chr7	7q35	7	304	84.88	71.24
MS4A14	16.52	55.51	0.30	chr11	11q12.2	29	461	193.44	286.65
DLK1	103.34	347.21	0.30	chr14	14q32	48	644	145.34	369.01
C1orf233	18.79	63.14	0.30	chr1	1p36.33	16	399	95.05	57.18
GIF	11.59	38.95	0.30	chr11	11q13	23	493	84.23	808.10
DOK2	13.96	46.90	0.30	chr8	8p21.3	33	568	83.24	80.06
EBF1	29.29	98.46	0.30	chr5	5q34	77	1770	126.51	161.78
Hs.593971	4.82	16.23	0.30	chr3	N/A	7	73	47.63	111.42
ALDH1A1	118.71	399.37	0.30	chr9	9q21.13	33	577	168.74	230.46
Hs.664694	14.75	49.63	0.30	chr4	N/A	15	448	57.22	83.73
Hs.127669	14.92	50.18	0.30	chr5	N/A	14	146	126.78	196.82
USP40	23.74	79.90	0.30	chr2	2q37.1	43	926	71.83	53.24
MYLK-AS1	11.49	38.66	0.30	chr3	3q21	15	450	105.36	108.70
Hs.602724	9.59	32.27	0.30	chr1	N/A	2	22	50.65	64.37
KCNIP4	9.17	30.85	0.30	chr4	4p15.32	57	1188	82.79	141.61
Hs.663665	9.82	33.06	0.30	chr17	N/A	1	304	0.00	48.99
Hs.733883	7.38	24.86	0.30	chr14	N/A	7	73	31.10	83.03
Hs.661440	3.63	12.21	0.30	chr18	N/A	7	73	24.50	165.01
Hs.687769	7.03	23.66	0.30	chr13	N/A	10	28	22.84	54.98
KHK	14.19	47.78	0.30	chr2	2p23.3	45	1071	88.56	216.61
SLC17A9	17.56	59.15	0.30	chr20	20q13.33	22	1120	81.29	101.76
SLC1A4	25.75	86.75	0.30	chr2	2p15-p13	63	2249	82.17	88.85
Hs.603319	6.24	21.02	0.30	chr1	N/A	8	377	68.68	68.48
Hs.157791	4.37	14.72	0.30	chr10	N/A	1	304	0.00	67.61
Hs.597215	8.09	27.26	0.30	chr2	N/A	2	22	51.69	64.90
TAS2R38	9.73	32.80	0.30	chr7	7q34	17	332	99.77	73.71
GDPD2	12.75	42.98	0.30	chrX	Xq13.1	28	526	141.72	115.06
SIX1	16.95	57.15	0.30	chr14	14q23.1	35	1178	86.02	216.65
A1CF	20.90	70.46	0.30	chr10	10q11.23	63	986	197.87	270.72
LOC100505918	16.12	54.35	0.30	chr1	1q23-q24	8	377	85.50	56.98
Hs.703296	5.71	19.26	0.30	chr1	N/A	1	304	0.00	62.60
Hs.720502	8.78	29.61	0.30	chr9	N/A	17	89	39.82	59.02
Hs.666285	3.54	11.94	0.30	chr7	N/A	2	22	3.48	102.14
HSD17B11	46.28	156.07	0.30	chr4	4q22.1	44	566	84.48	92.84
Hs.659295	5.01	16.89	0.30	chr6	N/A	3	66	47.90	67.27
NTS	10.25	34.59	0.30	chr12	12q21	33	565	95.68	177.72
Hs.668598	5.58	18.84	0.30	chr6	N/A	1	304	0.00	81.90
CELA2B	24.48	82.62	0.30	chr1	1p36.21	23	498	59.10	728.05
Hs.668216	4.89	16.50	0.30	chr1	N/A	2	22	4.54	63.96
Hs.651323	6.43	21.71	0.30	chr5	N/A	7	73	57.90	74.56
Hs.132350	3.18	10.72	0.30	chr3	N/A	2	22	7.31	68.53
GPR42	15.02	50.71	0.30	chr19	19q13.1	11	12	29.07	42.02
BRD2	114.11	385.18	0.30	chr6	6p21.3	76	1661	113.70	108.52
DDIT4L	31.96	107.91	0.30	chr4	4q24	26	464	109.86	166.85
Hs.745299	18.51	62.49	0.30	chr5	N/A	10	28	28.04	70.48
CD1A	21.12	71.30	0.30	chr1	1q22-q23	40	589	122.62	232.38
Hs.664807	5.98	20.21	0.30	chr1	N/A	5	51	70.49	51.09
Hs.660508	8.40	28.38	0.30	chr4	N/A	8	377	59.48	97.43
NRBP2	50.46	170.46	0.30	chr8	8q24.3	36	497	97.35	119.23
STAC	22.09	74.64	0.30	chr3	3p22.3	46	677	110.88	132.37
Hs.600585	4.93	16.65	0.30	chrX	N/A	7	73	36.58	105.58
Hs.47308	3.44	11.64	0.30	chr8	N/A	2	22	47.60	84.24
CYP4F2	15.85	53.58	0.30	chr19	19p13.12	53	626	96.98	200.32
Hs.231295	9.89	33.45	0.30	chr17	N/A	18	405	46.03	86.09
Hs.370498	7.12	24.07	0.30	chr2	N/A	11	332	29.78	43.15
OR2G3	24.88	84.13	0.30	chr1	1q44	11	52	79.76	85.85
DGKK	40.06	135.48	0.30	chrX	Xp11.22	5	52	152.22	64.51
PNMA2	17.90	60.53	0.30	chr8	8p21.2	45	972	150.67	246.15
Hs.661640	5.64	19.06	0.30	chr13	N/A	1	304	0.00	39.79
LOC100288310	15.12	51.14	0.30	chr8	8q13.3	4	304	65.77	109.02
LEPR	19.99	67.61	0.30	chr1	1p31	75	2636	104.15	207.93
Hs.112795	5.51	18.62	0.30	chr5	N/A	7	73	43.16	114.47
C6orf52	7.87	26.63	0.30	chr6	6p24.1	29	1046	92.90	88.48
Hs.666664	15.28	51.70	0.30	chrX	N/A	8	377	72.47	54.41
C22orf29	13.07	44.20	0.30	chr22	22q11.21	7	73	84.89	74.03
Hs.523897	7.41	25.07	0.30	chr1	N/A	1	304	0.00	107.93
Hs.649066	39.71	134.39	0.30	chr8	N/A	15	448	155.88	63.71
CR2	23.06	78.04	0.30	chr1	1q32	37	874	106.92	503.56
Hs.612496	168.56	570.50	0.30	chr5	N/A	5	51	100.99	103.30
Hs.670651	7.88	26.66	0.30	chr19	N/A	1	304	0.00	109.86
Hs.209973	67.23	227.57	0.30	chr4	N/A	10	28	41.02	99.36
SLC35C2	23.82	80.64	0.30	chr20	20q13.12	42	830	82.55	48.01
TRG	2.65	8.96	0.30	chr7	7p14	2	52	90.69	71.85
Hs.587669	6.17	20.90	0.30	chr11	N/A	2	22	12.58	146.46
Hs.229275	8.78	29.75	0.30	chr1	N/A	15	450	79.12	94.28
Hs.638488	4.11	13.92	0.30	chr9	N/A	1	304	0.00	145.51
Hs.621731	7.82	26.50	0.30	chr17	N/A	10	28	31.94	76.94
Hs.659605	4.61	15.63	0.30	chr17	N/A	2	22	44.16	63.69
OR51G1	50.78	172.04	0.30	chr11	11p15.4	18	68	119.64	72.28
HOXA11-AS	7.14	24.19	0.30	chr7	7p15.2	10	28	24.67	88.52
Hs.476164	25.41	86.16	0.29	chr1	N/A	8	377	94.28	58.10
HIAT1	51.77	175.52	0.29	chr1	1p21.2	35	423	110.42	54.65
AQP9	20.15	68.33	0.29	chr15	15q	30	577	98.67	245.87
Hs.656801	4.10	13.92	0.29	chr7	N/A	7	73	44.81	110.22
Hs.634619	8.43	28.58	0.29	chr22	N/A	8	377	64.96	974.34
Hs.469608	13.28	45.07	0.29	chr2	N/A	17	146	92.69	90.76
Hs.639112	5.17	17.56	0.29	chr18	N/A	1	306	0.00	61.44
SEC11B	25.49	86.49	0.29	chr8	8q11.23	5	16	60.44	31.15
MCOLN2	10.20	34.60	0.29	chr1	1p22	19	692	103.67	104.92
Hs.665265	6.20	21.03	0.29	chr17	N/A	7	73	35.60	62.65
KRAS	33.21	112.71	0.29	chr12	12p12.1	76	2170	125.35	129.01

PRPS2	40.87	138.74	0.29	chrX	Xp22.2	44	909	198.22	188.53
CTBP2	74.61	253.30	0.29	chr10	10q26.13	95	2637	126.57	95.72
LOC285540	6.20	21.07	0.29	chr4	4p15.31	8	377	49.70	60.87
SETD1B	49.23	167.17	0.29	chr12	12q24.31	26	655	109.74	79.15
KRT7	17.97	61.03	0.29	chr12	12q13.13	39	1641	128.11	236.74
LOC100506571	8.28	28.11	0.29	chr1	N/A	5	420	38.56	105.97
TMEM37	20.58	69.89	0.29	chr2	2q14.2	33	1421	85.04	141.60
ZDHC2	22.00	74.73	0.29	chr8	8p22	52	1247	100.53	118.58
Hs.666618	3.41	11.58	0.29	chr16	N/A	7	73	35.88	106.86
SLC7A5	34.41	116.92	0.29	chr16	16q24.3	45	661	86.69	105.91
PGM5-AS1	20.68	70.30	0.29	chr9	9q13	18	405	58.44	221.26
SYT2	14.60	49.61	0.29	chr1	1q32.1	32	617	83.99	110.66
Hs.677268	48.67	165.41	0.29	chrX	N/A	14	448	53.01	59.23
Hs.600889	7.34	24.96	0.29	chr19	N/A	7	73	30.66	52.78
MOG	18.94	64.39	0.29	chr6	6p22.1	41	1735	73.62	365.49
ADAMTS9-AS2	12.67	43.09	0.29	chr3	N/A	13	941	36.69	142.85
Hs.665245	16.42	55.82	0.29	chr13	N/A	1	304	0.00	90.92
Hs.511686	12.77	43.44	0.29	chr15	N/A	18	405	42.27	111.82
Hs.672089	9.98	33.94	0.29	chr5	N/A	4	304	67.99	63.19
Hs.556850	2.10	7.15	0.29	chrX	N/A	1	308	0.00	87.68
HOXA11	8.08	27.48	0.29	chr7	7p15.2	35	1006	84.42	120.52
ZBTB8A	19.50	66.35	0.29	chr1	1p35.1	46	473	66.72	67.25
Hs.528312	10.59	36.03	0.29	chr1	N/A	7	80	90.51	392.72
SLC22A1	21.72	73.93	0.29	chr6	6q25.3	33	571	83.28	504.77
SCN1A	5.21	17.73	0.29	chr2	2q24.3	21	808	61.28	147.99
Hs.677505	4.51	15.36	0.29	chr10	N/A	1	304	0.00	58.32
SERPINA4	16.85	57.35	0.29	chr14	14q32.13	42	681	104.19	232.91
Hs.661474	8.14	27.71	0.29	chr3	N/A	1	304	0.00	44.80
Hs.48444	6.95	23.68	0.29	chr17	N/A	2	608	75.50	102.81
WFDC5	19.10	65.04	0.29	chr20	20q13.12	39	487	146.50	227.65
NCF1	12.39	42.20	0.29	chr7	7q11.23	33	531	73.43	233.15
Hs.112788	6.90	23.51	0.29	chr11	N/A	15	85	47.09	140.50
Hs.662343	5.03	17.13	0.29	chr16	N/A	7	73	42.08	108.51
Hs.663197	6.03	20.54	0.29	chr6	N/A	1	304	0.00	49.98
ATP2C2	10.66	36.32	0.29	chr16	16q24.1	29	1219	92.13	104.46
PI4K2B	21.43	73.02	0.29	chr4	4p15.2	22	395	83.84	53.82
FANCA	9.13	31.11	0.29	chr16	16q24.3	133	1857	140.97	88.58
RNF213	37.97	129.41	0.29	chr17	17q25.3	110	3020	148.49	214.59
GDF5OS	20.77	70.81	0.29	chr20	20q11.2	10	28	35.92	93.65
Hs.603557	22.70	77.40	0.29	chr19	N/A	5	420	91.70	51.32
Hs.664148	6.56	22.37	0.29	chr16	N/A	7	73	79.90	100.25
LINC00628	6.47	22.07	0.29	chr1	1q32.1	5	608	27.14	43.07
NEDD1	21.31	72.72	0.29	chr12	12q23.1	43	1155	123.36	98.70
SQLE	29.63	101.08	0.29	chr8	8q24.1	44	1721	86.91	130.77
Hs.147835	5.53	18.86	0.29	chr18	N/A	2	22	18.38	104.00
Hs.734246	5.25	17.92	0.29	chr1	N/A	2	22	35.11	60.43
Hs.193132	6.30	21.51	0.29	chr14	N/A	7	73	38.98	97.66
Hs.614274	6.52	22.24	0.29	chr6	N/A	2	16	2.08	31.27
Hs.572375	3.19	10.89	0.29	chr16	N/A	3	66	15.62	115.80
Hs.660356	7.78	26.55	0.29	chr4	N/A	8	377	62.81	66.28
Hs.444743	7.90	26.95	0.29	chr17	N/A	1	304	0.00	44.01
Hs.598412	12.52	42.76	0.29	chr18	N/A	14	146	52.10	127.91
SYT6	11.38	38.85	0.29	chr1	1p13.2	30	494	105.16	102.75
MISP	24.71	84.40	0.29	chr19	19p13.3	23	491	79.68	113.81
Hs.668521	9.17	31.32	0.29	chr2	N/A	1	304	0.00	95.04
KIAA1522	42.51	145.25	0.29	chr1	1p35.1	21	417	58.69	83.86
LOC100506907	7.44	25.42	0.29	chr3	N/A	23	1021	74.85	179.06
ARSG	115.68	395.32	0.29	chr17	17q24.2	31	476	311.92	283.84
HHLA3	12.23	41.78	0.29	chr1	1p31.1	49	1129	100.21	93.12
DLGAP1-AS3	4.15	14.19	0.29	chr18	18p11.31	1	306	0.00	48.08
Hs.159115	14.65	50.10	0.29	chr2	N/A	3	66	69.96	89.79
SLC47A1	29.22	99.91	0.29	chr17	17p11.2	38	561	98.18	199.17
CEP164	25.17	86.07	0.29	chr11	11q23.3	46	1322	67.80	408.72
Hs.60288	14.05	48.07	0.29	chr8	N/A	11	377	86.62	92.66
Hs.637665	6.32	21.64	0.29	chr20	N/A	4	304	35.09	45.17
Hs.190988	13.37	45.76	0.29	chr11	N/A	4	304	48.92	190.60
Hs.119807	5.74	19.65	0.29	chr7	N/A	7	73	35.27	76.64
LOC100507258	6.46	22.10	0.29	chr8	N/A	5	51	44.07	61.70
Hs.602198	4.87	16.68	0.29	chr11	N/A	7	73	31.15	349.05
WWC1	13.73	46.97	0.29	chr5	5q34	68	3056	127.36	169.67
ZNF295-AS1	8.38	28.69	0.29	chr21	21q22.3	19	354	56.05	156.23
KIF12	9.27	31.73	0.29	chr9	9q32	28	513	113.18	93.40
IGFBP3	92.62	317.04	0.29	chr7	7p13-p12	68	1163	80.73	136.41
Hs.657691	7.02	24.05	0.29	chr21	N/A	7	73	87.33	104.36
FUT8-AS1	10.98	37.59	0.29	chr14	14q23.3	30	760	98.88	90.67
FAM27D1	2.75	9.40	0.29	chr9	9p11.2	1	304	0.00	62.46
LOC100506655	4.66	15.97	0.29	chr16	N/A	1	305	0.00	63.64
SLC26A11	41.87	143.45	0.29	chr17	17q25.3	25	384	79.02	58.07
Hs.664013	4.69	16.06	0.29	chr12	N/A	7	73	55.84	98.44
PCK2	35.90	122.98	0.29	chr14	14q11.2	53	678	104.59	178.35
Hs.594203	5.69	19.50	0.29	chr15	N/A	7	73	62.95	65.47
GNAO1	23.08	79.10	0.29	chr16	16q13	94	1925	115.45	187.77
ZCCHC7	21.51	73.70	0.29	chr9	9p13.2	50	1221	109.50	107.01
Hs.657118	7.48	25.62	0.29	chr2	N/A	8	377	109.10	414.63
CDYL2	18.70	64.09	0.29	chr16	16q23.2	33	534	205.20	94.50
Hs.659789	6.73	23.06	0.29	chr10	N/A	7	73	51.00	81.30
Hs.653990	45.03	154.33	0.29	chrX	N/A	4	78	68.35	102.20
LOC100996506	20.57	70.53	0.29	chr2	N/A	3	912	84.10	158.67
Hs.604012	4.48	15.36	0.29	chr8	N/A	7	73	53.47	100.98
CYTIP	22.41	76.90	0.29	chr2	2q11.2	33	577	68.08	175.20
Hs.160673	10.05	34.49	0.29	chr4	N/A	7	73	114.70	81.90
Hs.106005	11.11	38.12	0.29	chr14	N/A	1	304	0.00	56.86
KCTD13	16.32	56.04	0.29	chr16	16p11.2	40	1017	98.73	90.27

QTRT1	21.79	74.82	0.29	chr19	19p13.3	28	537	73.64	80.30
Hs.660873	4.34	14.90	0.29	chr15	N/A	7	73	40.77	94.82
Hs.594829	6.95	23.85	0.29	chr5	N/A	7	73	51.29	106.49
SKAP1	20.82	71.52	0.29	chr17	17q21.32	40	646	87.90	103.08
Hs.554050	7.02	24.11	0.29	chr10	N/A	1	304	0.00	37.76
Hs.634309	8.93	30.69	0.29	chr4	N/A	7	73	43.30	293.26
Hs.603855	33.07	113.65	0.29	chr3	N/A	1	304	0.00	58.50
RFPL3	17.89	61.46	0.29	chr22	22q12.3	23	492	160.03	67.22
DGAT2	41.11	141.30	0.29	chr11	11q13.5	37	811	92.93	212.48
Hs.514690	6.42	22.06	0.29	chr1	N/A	8	377	64.78	45.79
ZSCAN25	14.22	48.89	0.29	chr7	7q22.1	56	1053	111.42	59.79
Hs.732654	20.81	71.56	0.29	chr17	N/A	8	377	44.08	86.93
Hs.132624	5.79	19.91	0.29	chr14	N/A	2	22	2.95	68.64
LOC100506373	13.35	45.94	0.29	chr17	N/A	4	304	77.80	71.48
Hs.664064	6.58	22.63	0.29	chr7	N/A	5	420	47.40	187.49
Hs.570397	5.76	19.81	0.29	chr20	N/A	1	304	0.00	93.68
KIF2B	11.62	39.98	0.29	chr17	17q22	22	384	122.22	420.29
Hs.729517	6.73	23.16	0.29	chr3	N/A	1	304	0.00	63.61
SLC39A11	17.37	59.77	0.29	chr17	17q21.31	50	643	87.16	76.08
KCNB1	17.92	61.69	0.29	chr20	20q13.2	30	569	93.90	99.89
LOC100996462	5.45	18.75	0.29	chr8	N/A	11	332	116.57	59.62
FAM60A	36.05	124.14	0.29	chr12	12p11	56	977	121.90	97.87
RAMP2-AS1	6.09	20.98	0.29	chr17	17q21.31	22	669	57.98	71.00
SULT2A1	15.29	52.67	0.29	chr19	19q13.3	43	996	229.48	402.16
RAPGEF5	21.65	74.58	0.29	chr7	7p15.3	34	1639	112.49	250.08
HGD	12.30	42.36	0.29	chr3	3q13.33	58	1864	101.69	334.90
OR4K17	35.42	122.01	0.29	chr14	14q11.2	23	132	92.36	105.00
LOC100288897	6.79	23.41	0.29	chr2	2q21.1	7	73	59.08	121.54
CGG	11.85	40.84	0.29	chr2	2q36-q37	28	543	118.53	725.56
Hs.657334	9.51	32.77	0.29	chr7	N/A	19	566	56.53	106.23
Hs.659844	9.11	31.39	0.29	chr16	N/A	7	73	58.54	65.46
Hs.670282	4.33	14.91	0.29	chr16	N/A	1	304	0.00	90.77
DHCR24	94.58	326.08	0.29	chr1	1p32.3	40	605	319.08	126.97
Hs.687554	8.81	30.39	0.29	chr3	N/A	2	22	46.25	115.54
GLYAT	11.01	37.99	0.29	chr11	11q12.1	57	1373	85.01	254.05
TACSTD2	67.08	231.42	0.29	chr1	1p32	57	1844	245.40	277.01
RAB42	17.25	59.56	0.29	chr1	1p35.3	17	344	71.95	45.92
KCNMA1	18.10	62.47	0.29	chr10	10q22.3	114	2086	134.98	197.86
MFSD4	9.89	34.14	0.29	chr1	1q32.1	50	1429	88.94	238.84
Hs.130690	6.72	23.19	0.29	chr13	N/A	9	95	49.62	128.67
SFRP5	13.23	45.69	0.29	chr10	10q24.1	21	456	50.69	179.47
Hs.710072	10.93	37.74	0.29	chr1	N/A	1	304	0.00	34.28
Hs.634675	14.96	51.69	0.29	chr15	N/A	8	377	47.42	1,033.85
Hs.667507	8.35	28.87	0.29	chr18	N/A	2	22	17.14	119.32
LCE2A	39.53	136.62	0.29	chr1	1q21.3	16	28	60.95	96.49
Hs.732972	14.59	50.42	0.29	chr1	N/A	8	377	81.50	84.56
Hs.351126	6.00	20.73	0.29	chr3	N/A	11	332	100.70	65.82
NHEJ1	21.18	73.24	0.29	chr2	2q35	23	494	87.74	50.53
SLC40A1	112.58	389.25	0.29	chr2	2q32	71	1047	170.93	167.71
OR51S1	14.79	51.13	0.29	chr11	11p15.4	5	52	74.74	118.11
MMEL1	17.52	60.59	0.29	chr1	1p36	22	384	77.20	53.44
KLHL15	16.43	56.84	0.29	chrX	Xp22.1-p21	38	492	67.64	86.14
LOC100505622	5.13	17.74	0.29	chr19	N/A	18	407	80.94	56.54
COL22A1	10.63	36.76	0.29	chr8	8q24.3	33	1087	117.37	161.22
WDR72	12.14	41.98	0.29	chr15	15q21.3	71	1698	116.68	206.68
CHRFAM7A	11.27	38.96	0.29	chr15	15q13.1	14	16	109.07	43.95
ELL3	13.56	46.91	0.29	chr15	15q15.3	36	1202	65.45	104.89
LOC100996490	3.74	12.93	0.29	chr3	N/A	11	336	30.51	187.49
TSEN54	29.81	103.13	0.29	chr17	17q25.1	40	1116	90.42	92.05
SPRED3	17.25	59.70	0.29	chr19	19q13	13	304	81.65	86.99
Hs.602869	6.14	21.24	0.29	chr9	N/A	3	66	36.18	89.98
Hs.448912	3.47	12.03	0.29	chr18	N/A	1	304	0.00	46.43
MAML1	40.74	141.05	0.29	chr5	5q35	50	678	91.49	61.65
CYP4A11	17.00	58.87	0.29	chr1	1p33	55	1674	89.48	297.95
MNDA	27.32	94.61	0.29	chr1	1q22	37	650	68.62	316.11
Hs.566451	2.60	9.01	0.29	chr6	N/A	1	304	0.00	58.06
Hs.670510	5.64	19.52	0.29	chr1	N/A	3	320	56.08	73.74
Hs.602166	6.49	22.48	0.29	chr2	N/A	1	304	0.00	37.69
Hs.655715	9.59	33.22	0.29	chr17	N/A	1	304	0.00	36.57
ZNF503-AS1	6.22	21.55	0.29	chr10	10q22.2	32	551	44.95	71.95
FMNL2	48.79	169.08	0.29	chr2	2q23.3	58	1379	268.62	262.05
FBF1	12.81	44.43	0.29	chr17	17q25.1	37	804	66.78	87.93
Hs.741478	19.37	67.17	0.29	chr6	N/A	8	377	103.20	112.11
Hs.655819	7.29	25.26	0.29	chr3	N/A	18	405	71.61	60.40
ZNF785	12.72	44.11	0.29	chr16	16p11.2	28	1086	79.35	80.52
KDM2A	45.69	158.47	0.29	chr11	11q13.2	68	1659	171.76	134.58
ZC3HAV1	25.81	89.54	0.29	chr7	7q34	69	1417	97.97	82.53
Hs.591641	21.98	76.26	0.29	chr2	N/A	7	73	66.87	110.20
GALNT15	25.91	89.87	0.29	chr3	3p25.1	50	1199	75.45	204.39
SYNDIG1L	7.85	27.24	0.29	chr14	14q24.3	18	405	42.32	65.08
GSTA3	20.44	70.94	0.29	chr6	6p12.1	33	586	126.65	355.31
CCDC103	8.50	29.49	0.29	chr17	17q21.31	21	406	77.35	69.68
NET1	54.38	188.75	0.29	chr10	10p15	48	1070	115.27	94.88
BOC	35.14	121.97	0.29	chr3	3q13.2	34	1135	175.66	125.12
Hs.665036	9.21	31.98	0.29	chr6	N/A	1	304	0.00	64.77
LOC284561	4.02	13.96	0.29	chr1	1q21.3	13	940	47.52	67.42
Hs.684017	5.31	18.44	0.29	chr8	N/A	1	304	0.00	52.26
Hs.668090	16.45	57.14	0.29	chr13	N/A	2	22	105.97	113.26
TLL10	7.65	26.57	0.29	chr1	1p36.33	28	1080	83.66	102.97
AMER2	11.51	39.97	0.29	chr13	13q12.13	43	837	138.63	267.14
WDR87	13.63	47.33	0.29	chr19	19q13.13	19	384	151.86	101.91
Hs.241414	6.06	21.05	0.29	chr3	N/A	4	304	22.96	42.55
ZFAND2A	38.97	135.34	0.29	chr7	7p22.3	17	344	84.74	101.27

CYP2C8	19.79	68.73	0.29	chr10	10q23.33	44	1113	144.45	629.26
PBLD	17.93	62.28	0.29	chr10	10q21.3	73	984	61.53	282.16
Hs.657877	2.89	10.04	0.29	chr3	N/A	1	304	0.00	70.63
Hs.491813	5.95	20.68	0.29	chr8	N/A	7	73	56.71	81.84
GPR158	11.34	39.39	0.29	chr10	10p12.1	33	591	78.28	136.73
Hs.530715	8.87	30.82	0.29	chr11	N/A	11	377	54.42	115.60
CLEC7A	7.91	27.49	0.29	chr12	12p13.2	52	2036	97.58	144.18
Hs.425510	8.66	30.12	0.29	chr2	N/A	7	73	56.90	168.82
Hs.623316	6.46	22.49	0.29	chr22	N/A	1	304	0.00	74.40
AGAP9	36.21	125.98	0.29	chr10	10q11.22	40	70	64.76	72.43
Hs.666170	35.24	122.62	0.29	chr10	N/A	1	304	0.00	45.85
DDX39B	124.57	433.42	0.29	chr6	6p21.3	54	968	136.58	111.78
ZNF346	17.56	61.10	0.29	chr5	5q35.2	39	1000	75.58	62.28
Hs.660229	13.77	47.91	0.29	chr4	N/A	3	326	56.86	60.93
Hs.633036	12.84	44.68	0.29	chr2	N/A	10	28	45.34	36.27
RIMS2	9.24	32.16	0.29	chr8	8q22.3	65	1462	101.20	120.63
GHDC	22.84	79.51	0.29	chr17	17q21.2	34	434	95.25	54.84
CSNK1G2-AS1	13.43	46.75	0.29	chr19	19p13.3	17	333	188.03	64.83
Hs.665046	3.09	10.76	0.29	chr4	N/A	1	304	0.00	67.31
CHD3	28.30	98.53	0.29	chr17	17p13.1	43	1036	126.01	97.86
ZCCHC6	17.79	61.95	0.29	chr9	9q21	73	1519	65.34	89.52
KIAA1551	37.86	131.86	0.29	chr12	12p11.21	51	988	110.35	160.42
Hs.633256	20.17	70.26	0.29	chr2	N/A	7	73	87.26	70.06
Hs.658643	34.35	119.65	0.29	chr19	N/A	14	332	53.09	61.60
Hs.733526	24.09	83.92	0.29	chr11	N/A	1	304	0.00	52.55
KRT76	8.03	27.98	0.29	chr12	12q13.13	23	496	35.58	282.00
Hs.644723	200.66	699.03	0.29	chr16	N/A	15	462	116.32	81.27
Hs.662758	17.76	61.86	0.29	chr9	N/A	8	377	176.05	53.93
Hs.308137	3.09	10.76	0.29	chr21	N/A	2	22	15.50	77.33
NLRP9	7.05	24.56	0.29	chr19	19q13.42	17	333	50.86	46.03
Hs.659957	6.48	22.58	0.29	chr7	N/A	1	304	0.00	64.24
LOC200772	5.87	20.47	0.29	chr2	2q37.3	1	304	0.00	94.70
CD164	91.71	319.77	0.29	chr6	6q21	43	1372	121.59	96.84
Hs.56147	5.58	19.45	0.29	chrX	N/A	21	405	80.05	63.86
Hs.253422	6.46	22.55	0.29	chr2	N/A	1	305	0.00	47.42
CCNA1	13.74	47.96	0.29	chr13	13q12.3-q13	30	573	71.07	241.74
ENHO	18.95	66.14	0.29	chr9	9p13.3	26	462	56.26	427.46
PNMA6C	14.25	49.75	0.29	chrX	Xq28	4	304	65.39	73.48
PDCD4	56.36	196.76	0.29	chr10	10q24	65	1938	105.92	135.98
FZD10-AS1	7.51	26.24	0.29	chr12	12q24.33	22	664	27.22	63.54
SEMA4G	19.12	66.77	0.29	chr10	10q24.31	31	527	71.48	82.63
Hs.658666	6.47	22.60	0.29	chr13	N/A	7	73	59.77	83.98
Hs.712762	11.77	41.11	0.29	chr17	N/A	1	304	0.00	38.93
SLC34A3	34.44	120.33	0.29	chr9	9q34	32	782	101.81	270.39
Hs.720405	16.89	59.01	0.29	chr9	N/A	4	370	72.49	51.83
OR1L3	66.18	231.26	0.29	chr9	9q33.2	18	80	239.01	89.02
Hs.245131	3.68	12.88	0.29	chr4	N/A	1	304	0.00	52.83
CUX2	9.03	31.57	0.29	chr12	12q24.12	45	636	93.78	191.40
Hs.635249	4.56	15.94	0.29	chr7	N/A	2	22	44.74	117.62
IGHA2	10.51	36.73	0.29	chr14	14q32.33	5	420	62.69	79.33
CCDC63	5.81	20.30	0.29	chr12	12q24.11	19	354	71.72	103.80
OXER1	32.14	112.35	0.29	chr2	2p21	21	443	96.90	135.30
SMAD9	18.73	65.49	0.29	chr13	13q12-q14	44	905	77.41	153.49
DOCK8	16.14	56.42	0.29	chr9	9p24.3	61	1519	85.94	183.69
MSANTD2	21.69	75.88	0.29	chr11	11q24.2	48	634	106.00	87.82
LOC400756	9.60	33.57	0.29	chr1	1p31.3	11	320	53.16	37.89
LINC00675	19.97	69.86	0.29	chr17	17p13.1-p12	10	332	85.74	66.91
Hs.596107	12.39	43.33	0.29	chr18	N/A	7	73	50.67	55.16
HUWE1	363.28	1,270.79	0.29	chrX	Xp11.22	97	2552	409.52	215.04
Hs.458446	18.44	64.53	0.29	chr15	N/A	17	118	144.33	176.48
Hs.667631	4.78	16.73	0.29	chr11	N/A	3	66	12.76	77.86
ANKDD1A	30.55	106.90	0.29	chr15	15q22.31	43	811	87.92	443.48
ADH7	12.86	45.02	0.29	chr4	4q23-q24	25	544	113.94	237.86
ATP6V0A4	9.04	31.64	0.29	chr7	7q34	37	526	56.36	156.02
ELOVL1	54.01	189.09	0.29	chr1	1p34.2	28	533	52.76	245.83
Hs.736830	22.45	78.58	0.29	chr9	N/A	1	304	0.00	92.02
OR5A1	33.85	118.54	0.29	chr11	11q12.1	18	80	136.71	75.65
ZSWIM6	33.43	117.08	0.29	chr5	5q12.1	51	752	94.66	97.46
KCNA2	9.96	34.87	0.29	chr1	1p13	32	785	58.03	210.95
Hs.729540	13.70	47.97	0.29	chr20	N/A	4	370	104.32	176.78
MED13	45.87	160.65	0.29	chr17	17q22-q23	77	1611	135.87	87.60
PAPD5	29.31	102.67	0.29	chr16	16q12.1	55	694	95.67	84.62
Hs.566746	7.77	27.22	0.29	chr7	N/A	10	73	55.88	450.58
Hs.671557	9.06	31.76	0.29	chr7	N/A	15	448	38.24	58.56
CPEB1	19.57	68.58	0.29	chr15	15q25.2	28	760	74.63	133.61
Hs.657994	15.23	53.40	0.29	chr6	N/A	17	687	95.47	79.27
Hs.127412	4.80	16.83	0.29	chr5	N/A	2	22	21.31	122.29
Hs.666753	3.66	12.85	0.29	chr6	N/A	3	66	56.13	88.14
Hs.147560	4.76	16.70	0.29	chr4	N/A	2	22	9.72	128.42
ZNF664-FAM101	15.17	53.23	0.29	chr12	12q24.31	36	485	102.87	93.79
CD177	17.30	60.68	0.29	chr19	19q13.2	44	503	125.46	195.92
Hs.664920	7.76	27.25	0.28	chr7	N/A	2	16	35.54	48.79
ST6GALNAC2	27.09	95.08	0.28	chr17	17q25.1	55	695	77.51	115.83
Hs.585572	3.39	11.90	0.28	chr12	N/A	2	22	11.71	59.44
Hs.143791	7.76	27.24	0.28	chr13	N/A	2	22	57.37	89.22
Hs.668169	4.29	15.07	0.28	chr12	N/A	2	22	19.70	56.48
PLA2G2C	7.43	26.09	0.28	chr1	1p36.12	2	52	28.60	89.52
Hs.129583	9.10	31.95	0.28	chr21	N/A	4	304	16.54	152.97
FAM83B	6.79	23.84	0.28	chr6	6p12.1	34	789	53.92	197.79
EXPH5	19.81	69.57	0.28	chr11	11q22.3	61	1205	103.60	127.14
EPB41L3	35.99	126.40	0.28	chr18	18p11.32	42	1077	155.38	269.04
NIPAL4	12.08	42.42	0.28	chr5	5q33.3	16	434	83.14	127.47
Hs.371846	4.40	15.47	0.28	chr2	N/A	1	304	0.00	57.50

LINC00239	13.30	46.74	0.28	chr14	14q32.31	18	85	67.56	158.08
Hs.591197	6.96	24.46	0.28	chr17	N/A	8	377	48.81	78.58
Hs.604247	6.66	23.39	0.28	chr3	N/A	2	22	14.74	44.92
Hs.603315	82.39	289.62	0.28	chr7	N/A	7	73	81.20	139.81
SLC17A6	9.52	33.47	0.28	chr11	11p14.3	21	457	52.90	184.74
Hs.669929	8.28	29.12	0.28	chr11	N/A	1	304	0.00	74.18
Hs.656735	6.35	22.32	0.28	chr8	N/A	1	304	0.00	83.18
Hs.668105	4.72	16.62	0.28	chr2	N/A	2	22	36.18	60.52
Hs.601553	6.26	22.02	0.28	chr3	N/A	7	73	42.70	83.86
Hs.520807	4.05	14.25	0.28	chr7	N/A	2	22	11.74	74.12
Hs.666937	3.39	11.93	0.28	chr19	N/A	2	22	27.52	62.54
Hs.308606	8.92	31.40	0.28	chr9	N/A	2	22	53.45	135.84
Hs.666527	7.31	25.71	0.28	chr12	N/A	7	73	23.58	312.16
FANK1	10.05	35.38	0.28	chr10	10q26.2	23	462	75.68	131.54
FGD2	32.10	112.96	0.28	chr6	6p21.2	40	1565	104.78	199.39
Hs.670700	11.85	41.70	0.28	chr19	N/A	1	304	0.00	44.56
ECM2	34.19	120.39	0.28	chr9	9q22.3	52	717	95.85	152.05
Hs.562268	7.42	26.13	0.28	chr10	N/A	7	73	38.97	331.72
Hs.553083	10.65	37.50	0.28	chr4	N/A	4	304	7.79	76.31
ASB5	15.83	55.74	0.28	chr4	4q34.2	36	516	105.98	329.92
DNAJC6	16.45	57.92	0.28	chr1	1p31.3	48	1013	302.43	284.98
LENEP	9.57	33.70	0.28	chr1	1q22	21	453	81.70	65.56
Hs.668087	3.88	13.68	0.28	chr1	N/A	1	304	0.00	80.77
Hs.132578	9.02	31.78	0.28	chr6	N/A	6	66	69.65	154.28
Hs.601544	11.18	39.39	0.28	chr15	N/A	1	304	0.00	93.05
Hs.706703	9.52	33.54	0.28	chr1	N/A	10	28	22.77	147.98
Hs.396796	19.97	70.38	0.28	chr1	N/A	8	377	78.33	345.08
Hs.606278	13.08	46.12	0.28	chr6	N/A	1	304	0.00	387.85
Hs.599723	12.33	43.46	0.28	chr13	N/A	8	377	84.96	139.61
Hs.128092	4.94	17.42	0.28	chr18	N/A	2	22	54.14	102.67
EPS15	38.74	136.56	0.28	chr1	1p32	68	1260	140.35	84.03
SCGB2A2	12.33	43.48	0.28	chr11	11q13	58	857	78.94	427.06
LINC00523	20.21	71.25	0.28	chr14	14q32.2	7	305	82.81	56.91
PNLIPRP2	10.97	38.70	0.28	chr10	10q25.3	35	992	80.02	833.39
Hs.203621	4.83	17.03	0.28	chr13	N/A	7	73	57.67	122.66
BSCL2	55.21	194.78	0.28	chr11	11q13	33	584	125.09	137.11
GATA3	24.61	86.82	0.28	chr10	10p15	54	1558	134.27	276.48
TMEM92	12.07	42.60	0.28	chr17	17q21.33	28	673	101.83	68.41
Hs.656514	8.76	30.91	0.28	chr7	N/A	8	377	75.46	168.41
OR52N5	53.20	187.76	0.28	chr11	11p15.4	8	52	151.98	52.52
Hs.620738	6.74	23.79	0.28	chr2	N/A	10	28	33.11	25.36
Hs.660896	4.99	17.61	0.28	chr10	N/A	7	73	75.07	103.05
AATK	51.41	181.58	0.28	chr17	17q25.3	46	548	128.44	129.10
Hs.545081	12.15	42.91	0.28	chrX	N/A	10	28	29.83	35.16
OR5B17	45.44	160.51	0.28	chr11	11q12.1	5	52	119.00	50.69
CCNG1	66.32	234.33	0.28	chr5	5q32-q34	33	577	129.40	77.06
Hs.134082	5.43	19.21	0.28	chr8	N/A	3	66	80.82	207.46
Hs.661794	14.77	52.23	0.28	chr9	N/A	1	304	0.00	33.02
KCNA1	9.45	33.42	0.28	chr12	12p13.32	50	975	109.68	157.56
Hs.126512	6.01	21.25	0.28	chr15	N/A	10	73	27.53	264.95
Hs.598350	4.70	16.61	0.28	chr12	N/A	10	28	52.24	82.45
XAF1	36.28	128.32	0.28	chr17	17p13.1	58	1307	71.54	154.97
Hs.434944	5.21	18.41	0.28	chr7	N/A	4	304	25.11	47.63
ZNF783	10.26	36.29	0.28	chr7	7q36.1	2	16	85.12	16.55
Hs.127277	6.68	23.64	0.28	chr12	N/A	7	73	57.17	151.33
ATP11C	18.21	64.43	0.28	chrX	Xq27.1	50	848	137.05	133.85
LOC100506858	10.20	36.08	0.28	chr5	N/A	11	377	79.33	88.83
ROPN1	23.53	83.25	0.28	chr3	3q21.1	23	1062	59.46	407.15
STAP2	20.53	72.65	0.28	chr19	19p13.3	40	536	87.51	88.08
SERPINA12	10.21	36.13	0.28	chr14	14q32.13	24	405	106.83	216.03
LOC100131067	10.38	36.76	0.28	chr5	5q14.1	26	806	58.78	63.75
SMLR1	4.41	15.60	0.28	chr6	6q23.1	19	703	75.41	256.02
FAM98B	17.10	60.55	0.28	chr15	15q14	26	690	194.92	109.48
Hs.658263	9.27	32.82	0.28	chr18	N/A	7	73	61.98	59.51
LINC00514	3.77	13.35	0.28	chr16	16p13.3	1	304	0.00	54.74
KIAA1377	13.54	47.94	0.28	chr11	11q22.1	45	1174	119.45	141.07
Hs.368328	18.86	66.78	0.28	chr5	N/A	17	101	58.97	273.05
Hs.677075	8.06	28.57	0.28	chr5	N/A	1	304	0.00	45.79
MYD88	66.67	236.18	0.28	chr3	3p22	40	599	103.69	69.41
Hs.635012	8.57	30.35	0.28	chr1	N/A	8	377	90.46	98.78
Hs.550659	7.51	26.59	0.28	chr16	N/A	1	304	0.00	49.74
Hs.656132	21.38	75.74	0.28	chr7	N/A	3	320	68.27	78.14
FIGN	11.90	42.16	0.28	chr2	2q24.3	33	1036	111.81	103.40
Hs.673825	5.86	20.78	0.28	chr16	N/A	1	304	0.00	88.80
Hs.127665	9.75	34.57	0.28	chr9	N/A	10	73	68.15	64.90
ANXA2	356.73	1,264.51	0.28	chr15	15q22.2	91	1945	110.43	112.68
Hs.658202	49.06	173.94	0.28	chr3	N/A	1	304	0.00	58.20
LOC285819	5.11	18.13	0.28	chr6	6p22.1	8	377	83.48	73.18
C5AR1	17.29	61.31	0.28	chr19	19q13.3-q13.4	31	490	108.90	169.58
RHOV	22.48	79.74	0.28	chr15	15q13.3	23	443	97.38	114.46
Hs.655748	6.22	22.07	0.28	chr8	N/A	8	377	40.83	51.05
Hs.112050	7.45	26.42	0.28	chr10	N/A	11	377	58.13	48.44
HYOU1	94.40	334.94	0.28	chr11	11q23.1-q23.3	33	577	112.85	83.58
LRRC43	19.67	69.78	0.28	chr12	12q24.31	21	992	158.63	206.40
Hs.657481	7.67	27.24	0.28	chr8	N/A	1	304	0.00	52.52
SLC38A4	8.00	28.43	0.28	chr12	12q13	49	997	79.91	541.13
Hs.634971	6.28	22.33	0.28	chr4	N/A	1	304	0.00	47.23
CTSW	9.72	34.53	0.28	chr11	11q13.1	38	576	73.02	127.03
Hs.656423	16.17	57.47	0.28	chr22	N/A	1	304	0.00	50.65
RAB4B	20.72	73.65	0.28	chr19	19q13.2	74	1826	137.10	96.01
Hs.602835	5.88	20.92	0.28	chr13	N/A	2	22	57.21	62.96
Hs.335205	17.38	61.79	0.28	chr17	N/A	8	377	88.65	106.86
FAAH2	12.69	45.11	0.28	chrX	Xp11.21	33	533	117.61	69.19

LOC100505702	6.65	23.66	0.28	chr4	N/A	21	369	110.68	179.55
Hs.694927	162.95	579.62	0.28	chr5	N/A	2	39	23.24	53.21
Hs.555947	19.14	68.07	0.28	chr4	N/A	7	73	150.37	111.21
Hs.713005	21.83	77.65	0.28	chr8	N/A	14	332	47.44	211.67
FAM106A	10.96	39.00	0.28	chr17	17p11.2	21	453	71.11	54.43
OR2T4	11.97	42.60	0.28	chr1	1q44	5	52	72.70	137.22
Hs.133982	10.99	39.11	0.28	chr17	N/A	29	596	73.45	115.37
FOS	220.49	785.02	0.28	chr14	14q24.3	48	801	160.65	131.10
Hs.659667	3.21	11.44	0.28	chr11	N/A	1	304	0.00	112.02
CAP1	150.09	534.54	0.28	chr1	1p34.2	33	975	142.59	72.86
LOC100129831	9.00	32.06	0.28	chr19	19p13.3	10	28	104.90	103.10
Hs.710697	5.41	19.29	0.28	chr6	N/A	10	393	102.43	80.17
Hs.585699	9.51	33.89	0.28	chr15	N/A	11	377	55.13	231.26
Hs.663184	18.76	66.89	0.28	chr2	N/A	11	332	36.90	58.46
MANSCL	41.31	147.27	0.28	chr12	12p13.2	24	460	70.22	90.68
Hs.659964	9.20	32.80	0.28	chr10	N/A	7	73	49.43	105.89
Hs.666766	9.86	35.17	0.28	chr16	N/A	3	326	75.70	64.73
LOC100507463	14.80	52.78	0.28	chr6	N/A	2	608	5.21	128.36
Hs.629929	6.98	24.91	0.28	chr22	N/A	1	304	0.00	82.13
DAPK1-IT1	12.23	43.64	0.28	chr9	N/A	8	377	56.99	74.96
KRT20	15.51	55.35	0.28	chr17	17q21.2	47	707	148.46	615.02
DCAF6	872.59	3,114.58	0.28	chr1	1q24.2	45	1822	250.56	140.74
TULP3	17.35	61.94	0.28	chr12	12p13.3	84	1463	106.15	82.74
Hs.733350	19.25	68.72	0.28	chr12	N/A	7	73	71.51	124.78
NTSC3B	51.14	182.60	0.28	chr17	17q21.2	26	469	86.46	95.54
Hs.733732	71.14	254.02	0.28	chrX	N/A	7	73	51.60	62.58
Hs.703151	10.07	35.95	0.28	chr6	N/A	8	12	7.25	44.06
KLK5	16.75	59.81	0.28	chr19	19q13.33	34	530	134.41	199.61
BTBD19	17.78	63.51	0.28	chr1	1p34.1	30	910	90.55	86.11
Hs.663663	5.46	19.52	0.28	chr1	N/A	8	377	33.99	1,428.62
MEGF9	31.75	113.45	0.28	chr9	9q32-q33.3	28	919	127.87	129.33
OR13C9	9.47	33.85	0.28	chr9	9q31.1	11	52	58.40	88.26
FAM95B1	8.52	30.46	0.28	chr9	9p12	40	465	95.37	118.37
CD2	24.24	86.63	0.28	chr1	1p13.1	30	572	53.62	141.25
BCL10	17.46	62.44	0.28	chr1	1p22	50	1034	84.20	110.81
Hs.656337	9.84	35.20	0.28	chr17	N/A	1	304	0.00	64.33
Hs.97639	4.54	16.24	0.28	chr8	N/A	11	377	58.31	73.91
IL19	11.18	39.98	0.28	chr1	1q32.2	31	526	70.02	173.87
SPINK7	52.09	186.33	0.28	chr5	5q32	19	384	87.90	278.48
METTL21C	5.78	20.67	0.28	chr13	13q33.1	36	485	95.43	327.67
Hs.667324	3.76	13.46	0.28	chr10	N/A	2	22	109.52	69.65
Hs.146536	6.23	22.29	0.28	chr21	N/A	7	73	35.16	115.39
ATP2A3	12.84	45.94	0.28	chr17	17p13.3	58	2170	108.29	194.48
LNX1	18.17	65.04	0.28	chr4	4q12	30	716	139.60	121.50
LOC100507580	6.42	22.96	0.28	chr22	N/A	1	304	0.00	54.54
ACSBG1	11.09	39.69	0.28	chr15	15q23-q24	37	1005	112.46	253.04
PEX11G	12.80	45.83	0.28	chr19	19p13.2	26	462	91.31	84.60
Hs.659604	8.58	30.73	0.28	chr2	N/A	7	73	74.06	635.59
Hs.658764	10.22	36.60	0.28	chr12	N/A	7	73	70.42	44.94
PCYOX1L	23.07	82.65	0.28	chr5	5q32	25	533	60.57	67.87
LOC100996388	7.54	27.01	0.28	chr7	N/A	15	450	52.28	67.32
EHMT1	16.64	59.61	0.28	chr9	9q34.3	65	1356	73.38	92.63
USP34	60.40	216.42	0.28	chr2	2p15	126	3413	225.81	184.92
Hs.708322	13.61	48.79	0.28	chr15	N/A	7	73	43.22	81.08
GALNT6	12.07	43.24	0.28	chr12	12q13	29	831	89.96	130.32
LOC339666	10.32	37.01	0.28	chr22	22q12.3	1	304	0.00	79.13
Hs.667708	8.69	31.15	0.28	chr5	N/A	2	22	66.24	157.41
CLSTN3	17.04	61.08	0.28	chr12	12p13.31	28	557	132.78	91.10
PON1	10.26	36.79	0.28	chr7	7q21.3	45	1027	91.08	409.17
Hs.655972	8.72	31.25	0.28	chr1	N/A	7	73	89.59	94.05
KLK13	19.49	69.89	0.28	chr19	19q13.33	52	1472	147.07	237.65
FAM114A1	54.83	196.64	0.28	chr4	4p14	34	942	116.07	69.13
LOC100507018	7.42	26.61	0.28	chr8	N/A	11	342	81.98	57.09
TLR9	9.23	33.10	0.28	chr3	3p21.3	17	345	53.80	45.96
NFATC2IP	28.99	103.98	0.28	chr16	16p11.2	74	2202	103.55	75.98
TRAPP3L	7.43	26.65	0.28	chr6	6q22.1	20	421	80.60	244.68
Hs.577737	30.57	109.67	0.28	chr12	N/A	3	326	62.31	73.16
SS18L1	22.51	80.75	0.28	chr20	20q13.3	36	527	88.07	73.05
LOC100507406	3.50	12.57	0.28	chr6	N/A	3	66	51.87	89.89
Hs.653522	17.77	63.80	0.28	chr15	N/A	15	450	95.36	75.37
LOC284551	11.36	40.79	0.28	chr1	1p35.2	1	304	0.00	89.56
CLDN3	22.92	82.31	0.28	chr7	7q11.23	52	1095	116.06	170.59
AK8	13.46	48.33	0.28	chr9	9q34.13	22	360	70.47	90.63
FSHB	14.18	50.91	0.28	chr11	11p13	26	499	51.58	479.23
Hs.436433	7.38	26.49	0.28	chr8	N/A	1	304	0.00	69.25
TDO2	13.76	49.42	0.28	chr4	4q31-q32	34	869	99.44	479.03
Hs.603979	2.79	10.03	0.28	chr4	N/A	1	304	0.00	53.61
Hs.158316	8.17	29.33	0.28	chr2	N/A	7	73	35.67	154.62
Hs.667251	6.77	24.33	0.28	chr2	N/A	2	22	24.79	94.57
ZC3H11A	105.24	378.13	0.28	chr1	1q32.1	101	836	128.69	79.11
ZNF70	8.56	30.76	0.28	chr22	22q11.23	26	457	100.75	63.45
SLC6A14	7.19	25.85	0.28	chrX	Xq23	28	486	69.44	180.05
Hs.732539	35.15	126.37	0.28	chr15	N/A	5	51	35.58	114.36
G6PC2	13.44	48.31	0.28	chr2	2q24.3	27	457	69.94	61.19
Hs.593688	15.99	57.50	0.28	chr1	N/A	1	304	0.00	62.34
IGKV1D-13	138.14	496.80	0.28	chr2	2p12	13	432	162.25	158.45
ANKRD22	21.91	78.79	0.28	chr10	10q23.31	31	716	146.52	123.19
Hs.568685	13.51	48.60	0.28	chr1	N/A	11	332	40.81	42.79
AK5	12.55	45.14	0.28	chr1	1p31	49	1010	104.41	171.09
PLGLB2	15.91	57.24	0.28	chr2	2p11.2	37	840	94.54	409.70
Hs.722382	7.13	25.67	0.28	chr12	N/A	1	304	0.00	91.83
CES4A	14.48	52.11	0.28	chr16	16q22.1	35	586	84.14	117.49
OAT	148.02	532.93	0.28	chr10	10q26	33	577	89.27	107.61

Hs.414467	8.50	30.60	0.28	chr7	N/A	9	681	52.38	110.92
Hs.666901	12.95	46.65	0.28	chr6	N/A	15	450	75.95	69.51
Hs.122228	8.93	32.18	0.28	chr14	N/A	1	304	0.00	60.71
NRGN	32.18	115.96	0.28	chr11	11q24	37	647	80.27	450.35
Hs.282861	7.36	26.54	0.28	chr2	N/A	18	450	78.46	115.85
ARHGAP15	24.06	86.72	0.28	chr2	2q22.2-q22.3	49	737	120.06	149.42
TMEM87B	23.41	84.39	0.28	chr2	2q13	46	883	147.79	112.94
Hs.434284	5.57	20.08	0.28	chr7	N/A	3	320	46.20	44.11
Hs.371902	5.51	19.88	0.28	chr8	N/A	6	355	24.88	50.72
Hs.742125	5.70	20.56	0.28	chr12	N/A	8	12	26.60	57.48
Hs.594659	8.49	30.60	0.28	chr14	N/A	3	66	76.61	68.36
RHBDL2	19.34	69.72	0.28	chr1	1p34.3	46	1420	145.35	143.90
Hs.708423	6.66	24.00	0.28	chr10	N/A	7	73	65.53	83.54
Hs.178111	10.88	39.24	0.28	chr1	N/A	18	516	57.08	57.58
Hs.148389	4.36	15.73	0.28	chr2	N/A	1	304	0.00	77.60
ITGB6	8.17	29.50	0.28	chr2	2q24.2	36	1294	108.42	278.47
HOTTIP	13.10	47.30	0.28	chr7	7p15.2	18	636	117.63	98.67
TMEM27	10.32	37.24	0.28	chrX	Xp22	40	613	85.92	301.34
Hs.713936	5.26	18.99	0.28	chr12	N/A	10	28	29.98	47.57
Hs.585190	3.24	11.71	0.28	chr1	N/A	2	22	26.96	80.93
Hs.397672	3.05	11.03	0.28	chr3	N/A	2	22	15.01	96.72
Hs.151190	4.22	15.26	0.28	chr15	N/A	2	22	45.14	68.16
Hs.664682	22.39	80.89	0.28	chr14	N/A	7	73	35.37	68.07
Hs.271955	13.86	50.09	0.28	chr5	N/A	1	304	0.00	141.34
LOC643802	13.19	47.64	0.28	chr16	16q12.2	12	90	41.38	175.63
DBT	61.01	220.51	0.28	chr1	1p31	100	2614	187.32	218.44
TNFAIP8	37.85	136.78	0.28	chr5	5q23.1	48	1132	142.74	152.89
IPCEF1	12.32	44.55	0.28	chr6	6q25.2	33	560	133.57	137.22
Hs.664008	5.82	21.04	0.28	chr22	N/A	7	73	42.30	153.21
Hs.729487	16.73	60.48	0.28	chr5	N/A	1	304	0.00	74.43
ZIC1	12.32	44.54	0.28	chr3	3q24	42	1209	171.42	284.00
JSRP1	11.66	42.17	0.28	chr19	19p13.3	19	386	147.21	125.75
KIF18B	10.17	36.80	0.28	chr17	17q21.31	21	460	68.90	113.63
Hs.604077	4.25	15.38	0.28	chr10	N/A	2	22	35.02	122.08
SGK196	9.13	33.02	0.28	chr8	8p11.21	17	333	68.92	47.37
HMHA1	25.36	91.76	0.28	chr19	19p13.3	27	605	99.83	188.73
Hs.145437	31.06	112.40	0.28	chr6	N/A	10	139	45.62	745.87
NOXRED1	5.99	21.67	0.28	chr14	14q24.3	17	332	46.29	79.56
Hs.549659	15.02	54.36	0.28	chr5	N/A	3	326	94.28	48.22
Hs.562188	4.81	17.40	0.28	chr1	N/A	7	73	42.05	138.26
EPB41L4B	16.38	59.32	0.28	chr9	9q31-q32	104	2694	84.08	418.73
CD180	10.47	37.93	0.28	chr5	5q12	30	568	95.59	123.46
Hs.407693	3.87	14.03	0.28	chr22	N/A	2	22	54.13	76.35
Hs.44287	5.29	19.15	0.28	chr6	N/A	3	66	54.86	72.90
Hs.127407	4.82	17.45	0.28	chr4	N/A	2	22	39.76	77.10
SPINK6	7.82	28.34	0.28	chr5	5q32	20	332	76.01	44.57
OCA2	9.50	34.43	0.28	chr15	15q	37	646	99.47	94.62
Hs.731820	74.71	270.94	0.28	chr3	N/A	1	304	0.00	60.74
Hs.662260	6.17	22.38	0.28	chr1	N/A	8	377	116.27	80.93
SEC11C	104.78	380.06	0.28	chr18	18q21.32	26	469	49.49	114.95
Hs.566305	19.68	71.38	0.28	chr5	N/A	7	73	71.32	65.47
RHOH	13.50	48.98	0.28	chr4	4p13	120	715	160.01	127.22
ANXA10	10.72	38.88	0.28	chr4	4q33	30	570	96.33	302.88
Hs.661865	4.51	16.38	0.28	chr3	N/A	5	420	69.22	95.02
PLA2G4A	11.73	42.55	0.28	chr1	1q25	118	687	87.92	241.44
STH	9.37	34.02	0.28	chr17	17q21.1	21	393	65.96	52.75
Hs.149779	24.60	89.28	0.28	chr2	N/A	5	22	87.04	110.99
Hs.135774	4.56	16.55	0.28	chr12	N/A	5	88	64.88	403.78
FUT2	16.95	61.54	0.28	chr19	19q13.3	40	986	93.90	110.80
Hs.654881	73.67	267.52	0.28	chr4	N/A	7	73	56.07	238.54
Hs.661201	65.41	237.56	0.28	chrX	N/A	7	73	145.43	118.00
UCA1	10.10	36.67	0.28	chr19	19p13.12	10	393	193.85	58.89
Hs.480452	18.37	66.72	0.28	chr4	N/A	8	377	50.96	963.53
Hs.623826	4.40	15.99	0.28	chr7	N/A	1	304	0.00	53.61
Hs.591107	12.60	45.76	0.28	chr15	N/A	8	377	85.65	64.26
SULT1B1	13.28	48.25	0.28	chr4	4q13.3	29	527	128.47	75.67
CLDN11	47.55	172.77	0.28	chr3	3q26.2-q26.3	44	844	84.36	268.59
CALHM3	4.89	17.79	0.28	chr10	10q24.33	17	332	50.50	87.21
Hs.602482	41.23	149.86	0.28	chr2	N/A	7	73	65.33	42.65
IFLTD1	10.45	38.00	0.28	chr12	12p12.1	22	450	136.74	61.50
MTDH	46.30	168.40	0.27	chr8	8q22.1	199	2709	132.91	108.24
Hs.732838	6.78	24.67	0.27	chr9	N/A	10	28	25.72	47.06
GLB1L	18.17	66.09	0.27	chr2	2q35	33	588	73.55	113.94
CTXN2	8.24	29.98	0.27	chr15	15q21.1	10	28	26.90	121.49
Hs.734254	14.48	52.71	0.27	chr20	N/A	2	22	24.47	151.33
Hs.131991	10.17	37.01	0.27	chr12	N/A	7	73	52.72	60.42
Hs.667132	13.87	50.51	0.27	chr15	N/A	1	304	0.00	26.04
Hs.676556	9.24	33.66	0.27	chr4	N/A	11	636	82.52	74.95
TMEM72	8.93	32.53	0.27	chr10	10q11.21	11	697	115.10	142.86
BTBD18	6.14	22.36	0.27	chr11	11q12.1	15	448	54.42	69.85
Hs.702340	5.32	19.39	0.27	chr14	N/A	7	73	44.71	103.13
Hs.708281	24.00	87.44	0.27	chr12	N/A	7	73	58.91	56.96
LOC100216479	6.86	24.99	0.27	chr2	2q21.1	10	30	17.07	79.80
Hs.650312	14.48	52.78	0.27	chr12	N/A	8	12	14.24	80.58
Hs.131660	3.66	13.34	0.27	chr16	N/A	2	22	102.97	83.54
LOC339298	4.41	16.08	0.27	chr18	18q23	3	326	34.50	45.25
PWWP2A	20.02	72.99	0.27	chr5	5q33.3	40	1114	115.69	59.39
RPRM	13.06	47.63	0.27	chr2	2q23.3	28	532	68.58	80.68
Hs.593415	35.72	130.30	0.27	chr11	N/A	11	377	81.50	57.16
C1orf111	11.23	40.97	0.27	chr1	1q23.3	26	464	118.72	146.64
Hs.592974	11.26	41.08	0.27	chr9	N/A	13	28	107.48	101.59
LOC284837	11.48	41.88	0.27	chr21	21q22.3	10	304	65.93	116.53
TSPAN14	42.85	156.37	0.27	chr10	10q23.1	61	937	103.33	62.10

Hs.674468	12.14	44.32	0.27	chr11	N/A	1	304	0.00	73.21
Hs.183974	6.95	25.36	0.27	chr1	N/A	6	66	18.31	141.81
LOC339442	3.17	11.59	0.27	chr1	1p34.3	1	304	0.00	53.51
ST3GAL5	25.10	91.61	0.27	chr2	2p11.2	61	1183	90.99	121.19
ARHGEF26	13.96	50.96	0.27	chr3	3q25.2	45	1220	59.94	120.07
CLK1	45.08	164.58	0.27	chr2	2q33	58	672	100.03	84.21
TMCO2	13.02	47.55	0.27	chr1	1p34.2	26	457	85.68	325.46
Hs.597592	5.69	20.78	0.27	chr16	N/A	7	73	70.33	96.74
ZCCHC18	9.43	34.45	0.27	chrX	Xq22.2	18	405	43.42	56.52
Hs.605093	9.83	35.90	0.27	chr1	N/A	1	304	0.00	67.87
Hs.532593	20.43	74.64	0.27	chr17	N/A	5	51	87.11	66.16
ZWINT	23.61	86.26	0.27	chr10	10q21-q22	39	607	86.58	110.63
CDK15	7.84	28.64	0.27	chr2	2q33.2	35	1172	52.47	100.21
Hs.608428	4.08	14.92	0.27	chr14	N/A	5	420	22.76	90.34
Hs.642978	15.79	57.71	0.27	chr4	N/A	21	360	100.39	47.95
Hs.661478	7.97	29.14	0.27	chr20	N/A	8	377	86.54	54.16
Hs.625718	6.58	24.08	0.27	chr4	N/A	10	28	28.93	73.48
PRG2	35.10	128.40	0.27	chr11	11q12	35	611	130.10	519.53
Hs.116962	14.02	51.29	0.27	chr11	N/A	10	73	79.70	372.78
MIR205HG	7.27	26.60	0.27	chr1	1q32.2	2	608	5.36	122.73
Hs.295459	7.32	26.80	0.27	chr11	N/A	8	377	56.61	69.76
Hs.729309	10.06	36.81	0.27	chr14	N/A	7	73	78.45	48.21
SPIN4	10.61	38.83	0.27	chrX	Xq11.1	33	485	93.16	91.71
Hs.687591	4.65	17.03	0.27	chr18	N/A	2	16	24.61	27.84
Hs.528585	4.10	15.02	0.27	chrX	N/A	7	73	48.48	82.09
SAMD4B	24.81	90.82	0.27	chr19	19q13.2	41	1461	112.80	75.40
Hs.672446	16.83	61.62	0.27	chr2	N/A	1	304	0.00	44.83
Hs.740926	11.16	40.86	0.27	chr20	N/A	5	420	99.10	57.33
Hs.626125	26.52	97.09	0.27	chr7	N/A	8	12	13.65	9.94
Hs.733081	6.07	22.22	0.27	chr16	N/A	1	304	0.00	76.12
Hs.39001	16.01	58.64	0.27	chr2	N/A	7	73	79.13	148.21
Hs.593804	4.45	16.28	0.27	chr1	N/A	1	304	0.00	186.62
Hs.733282	10.96	40.12	0.27	chr10	N/A	8	377	96.44	55.29
ACTL7A	11.22	41.09	0.27	chr9	9q31	28	527	60.79	337.38
Hs.476231	16.21	59.37	0.27	chr3	N/A	14	146	93.80	355.87
C22orf23	13.61	49.87	0.27	chr22	22q13.1	44	470	231.97	410.54
Hs.658518	6.34	23.22	0.27	chr7	N/A	1	304	0.00	49.42
ALDH3B2	8.70	31.86	0.27	chr11	11q13	41	988	86.13	241.79
KRT19	51.38	188.28	0.27	chr17	17q21.2	43	993	95.42	116.21
MOB3B	22.18	81.29	0.27	chr9	9p21.2	65	1637	125.63	107.59
Hs.710964	3.23	11.85	0.27	chr4	N/A	1	304	0.00	64.69
Hs.677166	6.12	22.43	0.27	chr1	N/A	1	305	0.00	82.17
Hs.658933	7.94	29.11	0.27	chr5	N/A	7	73	58.71	74.00
STPG2	9.51	34.87	0.27	chr4	4q22.3-q23	23	332	100.53	57.72
Hs.432337	7.26	26.62	0.27	chr12	N/A	1	304	0.00	60.10
CCLL4	23.46	86.04	0.27	chr17	17q12	23	503	89.67	122.77
UGT2A3	7.47	27.39	0.27	chr4	4q13.2	31	525	104.26	723.55
Hs.680439	5.35	19.63	0.27	chr17	N/A	1	304	0.00	45.01
PRSS23	37.72	138.39	0.27	chr11	11q14.1	73	1460	107.93	139.42
SECISBP2L	53.45	196.12	0.27	chr15	15q21.1	45	1012	185.92	145.77
Hs.671168	4.76	17.46	0.27	chr17	N/A	1	304	0.00	57.65
SLC22A8	12.29	45.14	0.27	chr11	11q11	27	813	86.82	616.27
OR52E8	5.63	20.67	0.27	chr11	11p15.4	8	52	28.98	65.06
Hs.743666	6.46	23.73	0.27	chr20	N/A	7	73	36.69	64.92
Hs.597316	4.27	15.68	0.27	chr3	N/A	7	73	55.94	87.28
Hs.714342	15.81	58.10	0.27	chr5	N/A	17	405	149.65	60.80
ADAR	106.83	392.54	0.27	chr1	1q21.3	56	633	114.30	68.70
Hs.663951	8.40	30.90	0.27	chr1	N/A	8	377	76.00	66.03
Hs.128553	4.33	15.93	0.27	chr7	N/A	7	73	53.44	129.89
Hs.666970	18.69	68.73	0.27	chr17	N/A	2	22	77.94	149.13
IQCH-AS1	10.48	38.55	0.27	chr15	15q23	11	443	59.45	63.31
Hs.660231	4.18	15.38	0.27	chr10	N/A	7	73	25.53	102.50
Hs.147610	18.17	66.86	0.27	chr2	N/A	6	66	82.63	679.54
Hs.567617	6.37	23.46	0.27	chr3	N/A	7	73	28.23	88.00
OR7G3	43.27	159.27	0.27	chr19	19p13.2	15	80	102.46	107.35
Hs.660734	49.48	182.14	0.27	chr3	N/A	8	377	84.98	109.65
CDK5RAP3	78.21	287.96	0.27	chr17	17q21.32	67	685	89.83	81.32
TRIM22	63.69	234.53	0.27	chr11	11p15	40	599	121.16	116.95
OR13C3	41.76	153.77	0.27	chr9	9q31.1	5	52	101.08	57.94
Hs.676290	3.67	13.52	0.27	chr9	N/A	1	304	0.00	61.25
HES1	60.00	220.96	0.27	chr3	3q28-q29	67	1546	113.91	160.33
CRLF3	30.86	113.66	0.27	chr17	17q11.2	57	751	107.32	95.98
Hs.656857	3.60	13.26	0.27	chr22	N/A	7	73	46.50	72.12
TMC2	18.49	68.16	0.27	chr20	20p13	29	412	220.42	130.32
GPX2	27.51	101.41	0.27	chr14	14q24.1	31	877	98.05	306.56
Hs.602881	4.92	18.14	0.27	chr14	N/A	7	73	30.51	142.27
Hs.668458	3.82	14.09	0.27	chr1	N/A	1	304	0.00	62.26
IGHV1-69	15.76	58.12	0.27	chr14	14q32.33	38	1636	123.00	214.03
TTC39C	16.92	62.40	0.27	chr18	18q11.2	63	1181	127.77	126.30
Hs.659080	7.28	26.88	0.27	chr13	N/A	7	73	60.56	173.99
Hs.655509	5.67	20.91	0.27	chr10	N/A	1	304	0.00	50.66
USP43	8.80	32.46	0.27	chr17	17p13.1	26	257	81.97	80.73
Hs.254477	31.14	114.96	0.27	chr3	N/A	4	304	139.64	78.22
Hs.728122	4.21	15.55	0.27	chr16	N/A	7	73	56.78	116.04
Hs.580794	5.08	18.77	0.27	chr20	N/A	5	420	25.37	85.86
Hs.603982	25.66	94.80	0.27	chr12	N/A	1	304	0.00	33.35
GMNN	25.82	95.43	0.27	chr6	6p22.3	35	611	51.47	132.62
LOC153684	22.05	81.49	0.27	chr5	5p12	7	308	52.70	45.62
Hs.675470	8.97	33.17	0.27	chr3	N/A	1	304	0.00	57.90
OR51A7	48.51	179.30	0.27	chr11	11p15.4	18	80	175.80	94.67
RBM1A1	10.55	39.02	0.27	chrY	Yq11.223	38	1008	91.99	136.90
HPS3	15.66	57.90	0.27	chr3	3q24	130	1301	41.02	139.28
Hs.658480	2.75	10.17	0.27	chr11	N/A	1	304	0.00	59.47

Hs.665470	5.38	19.89	0.27	chr15	N/A	3	326	20.46	68.02
Hs.677102	3.91	14.45	0.27	chr2	N/A	1	304	0.00	49.93
CARD18	10.26	37.94	0.27	chr11	11q22.3	26	459	79.66	223.16
SMIM18	3.81	14.07	0.27	chr8	N/A	2	22	2.36	62.89
Hs.263424	7.70	28.50	0.27	chr1	N/A	17	405	64.24	64.87
SEPT3	16.98	62.82	0.27	chr22	22q13.2	37	439	225.33	207.42
Hs.552151	10.24	37.88	0.27	chr1	N/A	15	448	89.84	52.63
SLC36A2	21.17	78.34	0.27	chr5	5q33.1	22	165	195.63	194.02
Hs.657369	22.85	84.55	0.27	chr7	N/A	1	304	0.00	60.13
ADAT1	20.08	74.34	0.27	chr16	16q23.1	31	480	130.97	52.73
LOC730202	2.78	10.31	0.27	chr14	14q32.2	1	304	0.00	86.73
Hs.680100	4.09	15.14	0.27	chr10	N/A	1	304	0.00	74.02
LOC100499489	6.40	23.72	0.27	chr10	10p12.2	2	608	5.52	82.47
Hs.533067	17.22	63.80	0.27	chr3	N/A	19	709	109.04	69.86
GJA10	6.90	25.56	0.27	chr6	6q15-q16	19	386	90.50	57.81
Hs.603640	4.93	18.25	0.27	chr6	N/A	2	22	42.70	66.32
PRSS37	8.67	32.14	0.27	chr7	7q34	24	405	106.15	185.13
Hs.594064	8.73	32.36	0.27	chr16	N/A	7	73	59.27	79.65
Hs.667450	11.56	42.84	0.27	chr16	N/A	2	16	85.45	29.36
WFDC1	29.41	109.03	0.27	chr16	16q24.3	28	538	56.56	140.57
HIF1A	87.02	322.60	0.27	chr14	14q23.2	158	943	199.01	109.07
Hs.145240	2.46	9.11	0.27	chr1	N/A	2	22	46.68	175.20
Hs.656101	11.77	43.66	0.27	chr11	N/A	8	377	104.61	53.83
LOC389043	5.35	19.86	0.27	chr2	2q21.1	18	636	53.93	142.37
Hs.702262	9.21	34.17	0.27	chr5	N/A	7	73	88.75	130.36
STAC2	19.25	71.44	0.27	chr17	17q12	26	427	78.42	114.76
TXNDC5	95.12	353.03	0.27	chr6	6p24.3	54	634	126.64	98.44
Hs.544959	11.33	42.05	0.27	chr7	N/A	5	22	92.70	114.49
ARRDC5	6.15	22.82	0.27	chr19	19p13.3	12	89	38.46	204.12
Hs.597428	49.97	185.51	0.27	chrX	N/A	8	12	18.40	34.71
Hs.680349	23.89	88.69	0.27	chr8	N/A	10	28	26.55	62.45
Hs.667327	7.08	26.27	0.27	chr12	N/A	2	22	40.20	71.44
WIPF3	19.23	71.40	0.27	chr7	7p14.3	14	1289	96.83	141.88
Hs.636206	4.63	17.19	0.27	chrX	N/A	4	304	19.89	50.83
SIDT1	14.58	54.19	0.27	chr3	3q13.2	21	453	65.24	90.33
Hs.720341	14.76	54.87	0.27	chr8	N/A	5	51	44.88	55.80
UNQ6975	6.28	23.36	0.27	chr2	2p21	21	407	111.24	89.15
Hs.668636	8.15	30.28	0.27	chr1	N/A	2	608	11.10	56.03
CCDC74B	13.04	48.47	0.27	chr2	2q21.1	25	664	46.13	217.21
Hs.729214	12.40	46.09	0.27	chr9	N/A	7	73	68.87	54.47
Hs.678812	4.91	18.26	0.27	chr5	N/A	1	304	0.00	95.30
BP1FC	8.21	30.53	0.27	chr22	22q12.3	20	332	51.34	200.58
PRR15L	22.91	85.23	0.27	chr17	17q21.32	28	528	109.52	100.15
Hs.594066	15.70	58.37	0.27	chr16	N/A	7	73	110.96	66.15
LINC00202-1	9.66	35.93	0.27	chr10	10p12.1	21	413	183.45	175.93
LINC00261	10.83	40.31	0.27	chr20	20p11.21	23	427	104.12	278.64
CNTNAP4	8.72	32.46	0.27	chr16	16q23.1	45	1357	100.58	292.71
LOC729218	23.24	86.48	0.27	chr4	4q26	4	305	112.62	47.46
NR2F2-AS1	10.07	37.51	0.27	chr15	15q26.2	26	417	69.74	102.42
Hs.607711	3.69	13.74	0.27	chr1	N/A	1	304	0.00	81.89
LOC100506288	7.71	28.73	0.27	chr6	N/A	11	377	123.75	69.42
NMUR2	13.35	49.72	0.27	chr5	5q33.1	14	332	129.49	61.85
SLCO1B3	7.06	26.31	0.27	chr12	12p12	21	458	57.14	382.78
DNAJC5B	12.44	46.34	0.27	chr8	8q13.1	18	641	153.54	115.35
Hs.664410	45.44	169.39	0.27	chr22	N/A	7	73	49.51	125.22
Hs.632903	13.86	51.68	0.27	chr3	N/A	14	146	72.04	290.43
Hs.672149	7.80	29.06	0.27	chr1	N/A	8	377	55.76	51.80
Hs.734169	21.87	81.58	0.27	chr14	N/A	1	304	0.00	58.15
LOC100131004	23.38	87.20	0.27	chr17	17q24.1	2	16	107.34	24.67
RAB38	13.73	51.22	0.27	chr11	11q14	32	608	89.80	173.94
Hs.734269	8.00	29.84	0.27	chr1	N/A	1	304	0.00	64.48
ITGB2-AS1	16.14	60.21	0.27	chr21	N/A	19	721	55.29	202.25
SLC24A3	17.69	66.00	0.27	chr20	20p13	35	909	73.22	89.85
GAGE12F	17.67	65.97	0.27	chrX	Xp11.23	32	649	145.40	551.10
Hs.656739	12.50	46.68	0.27	chr3	N/A	8	377	93.16	60.29
Hs.658011	11.98	44.71	0.27	chr5	N/A	8	377	98.79	43.45
C21orf49	10.54	39.35	0.27	chr21	21q22.11	29	786	84.85	80.64
Hs.732969	9.43	35.20	0.27	chr3	N/A	11	332	48.17	114.30
PPP1R15B	44.54	166.41	0.27	chr1	1q32.1	49	637	137.82	75.83
Hs.599562	9.25	34.58	0.27	chr8	N/A	7	73	83.70	48.73
RYR1	24.79	92.67	0.27	chr19	19q13.1	41	572	112.50	328.03
FAM46C	28.16	105.27	0.27	chr1	1p12	37	831	142.56	193.25
LHFPL3	9.43	35.26	0.27	chr7	7q22.2	26	463	148.62	140.12
DNAJB1	93.22	348.54	0.27	chr19	19p13.2	38	1008	65.79	92.88
HBM	41.57	155.44	0.27	chr16	16p13.3	18	447	78.45	548.30
Hs.49329	8.07	30.19	0.27	chr17	N/A	18	405	58.47	134.99
Hs.274150	11.39	42.64	0.27	chr8	N/A	11	443	51.57	190.28
PNMA5	61.38	229.72	0.27	chrX	Xq28	16	31	88.19	83.34
Hs.436529	7.22	27.03	0.27	chr12	N/A	11	333	22.08	69.04
Hs.694019	7.10	26.57	0.27	chr12	N/A	1	304	0.00	47.91
Hs.687789	10.76	40.28	0.27	chr8	N/A	2	16	5.72	37.50
PRDM6	14.75	55.23	0.27	chr5	5q23.2	23	465	72.09	126.21
C7orf62	7.02	26.28	0.27	chr7	7q21.13	26	461	52.30	177.59
PPME1	41.88	156.84	0.27	chr11	11q13.4	53	1014	147.07	64.22
DMTF1	29.61	110.92	0.27	chr7	7q21	54	796	80.57	89.00
SLC25A16	38.79	145.30	0.27	chr10	10q21.3	46	1367	134.13	150.80
Hs.720531	8.96	33.59	0.27	chr19	N/A	7	73	75.06	85.01
OR10Z1	32.30	121.08	0.27	chr1	1q23.1	5	52	114.41	67.11
APBB1IP	21.97	82.36	0.27	chr10	10p12.1	66	1382	152.93	388.56
Hs.605035	47.10	176.60	0.27	chr20	N/A	1	304	0.00	55.57
TMEM63C	14.79	55.45	0.27	chr14	14q24.3	9	356	64.84	131.16
NCF2	17.31	64.92	0.27	chr1	1q25	35	627	71.15	194.43
Hs.147738	6.65	24.96	0.27	chr5	N/A	2	22	0.30	46.17

Hs.601883	3.53	13.23	0.27	chr6	N/A	1	304	0.00	107.45
Hs.659907	30.38	114.01	0.27	chr2	N/A	17	913	117.45	112.73
Hs.667391	8.48	31.84	0.27	chr3	N/A	18	405	53.35	60.68
OTUD3	14.79	55.50	0.27	chr1	1p36.13	37	588	72.32	90.60
Hs.659150	10.15	38.10	0.27	chr12	N/A	1	304	0.00	65.83
IL16	15.66	58.78	0.27	chr15	15q26.3	72	1541	112.25	153.57
PABPC1	300.24	1,127.29	0.27	chr8	8q22.2-q23	60	1396	58.15	101.27
DEGS2	8.93	33.51	0.27	chr14	14q32.2	4	304	32.17	74.62
Hs.692874	10.19	38.27	0.27	chr22	N/A	7	73	61.61	52.21
TEX19	12.07	45.36	0.27	chr17	17q25.3	19	372	104.41	150.08
ASPHD1	18.38	69.09	0.27	chr16	16p11.2	32	842	139.21	140.39
Hs.667423	7.38	27.75	0.27	chr14	N/A	2	608	26.87	252.18
LOC100289098	12.03	45.21	0.27	chr7	7q11.21	8	377	50.98	190.48
SUN5	15.73	59.14	0.27	chr20	20q11.21	29	1370	84.09	551.96
DHRS13	18.07	67.93	0.27	chr17	17q11.2	36	473	102.14	91.98
FAM69A	179.84	676.21	0.27	chr1	1p22.1	38	2123	246.79	208.16
C11orf85	6.68	25.13	0.27	chr11	11q13.1	24	423	37.32	99.92
SLC39A6	44.01	165.57	0.27	chr18	18q12.2	50	1633	164.93	167.14
Hs.690345	5.39	20.27	0.27	chr15	N/A	10	28	44.56	97.74
Hs.604126	4.85	18.23	0.27	chr9	N/A	2	22	52.49	69.66
Hs.603377	6.54	24.62	0.27	chr3	N/A	2	22	126.29	63.28
Hs.106554	7.99	30.07	0.27	chr11	N/A	10	73	41.12	180.00
Hs.734096	8.39	31.60	0.27	chr12	N/A	18	405	120.56	52.77
Hs.603681	4.69	17.70	0.27	chr2	N/A	2	22	22.63	45.44
Hs.594600	21.88	82.51	0.27	chr9	N/A	9	28	38.49	55.72
NUSAP1	17.28	65.19	0.27	chr15	15q15.1	50	1109	107.91	183.55
LINC00582	8.44	31.83	0.27	chr1	1q42.2	22	523	80.08	92.06
TSPAN11	15.69	59.18	0.27	chr12	12p11.21	37	490	68.87	104.72
IZUMO2	8.59	32.43	0.26	chr19	19q13.33	17	332	55.19	168.21
Hs.733496	4.49	16.94	0.26	chr10	N/A	1	304	0.00	87.15
Hs.660769	14.06	53.09	0.26	chr19	N/A	21	372	33.12	47.55
Hs.637822	7.92	29.92	0.26	chr1	N/A	2	608	18.77	155.09
Hs.662061	29.38	110.94	0.26	chr11	N/A	1	304	0.00	62.63
AMIGO2	25.06	94.64	0.26	chr12	12q13.11	30	572	59.64	119.03
Hs.733755	3.24	12.25	0.26	chr5	N/A	1	304	0.00	93.20
DEFB123	14.19	53.60	0.26	chr20	20q11.1	24	414	95.98	547.13
Hs.668097	22.88	86.44	0.26	chr4	N/A	2	22	123.68	133.42
Hs.733338	8.98	33.96	0.26	chr2	N/A	7	73	85.23	98.20
Hs.660136	5.70	21.55	0.26	chr10	N/A	15	460	69.58	179.26
KIF3C	24.68	93.30	0.26	chr2	2p23	45	1025	111.96	131.74
CSRP1	125.65	474.96	0.26	chr1	1q32	59	802	143.71	160.65
GPR18	7.33	27.70	0.26	chr13	13q32	32	603	112.64	189.20
TMPRSS11D	28.03	105.98	0.26	chr4	4q13.2	25	546	236.58	206.47
Hs.602723	9.63	36.42	0.26	chr11	N/A	7	73	92.95	379.84
DPY19L3	18.88	71.43	0.26	chr19	19q13.11	64	741	170.36	103.13
TMEM154	13.79	52.15	0.26	chr4	4q31.3	26	140	73.11	173.06
Hs.382926	5.17	19.55	0.26	chr12	N/A	1	304	0.00	45.94
ZNF136	20.31	76.84	0.26	chr19	19p13.2	42	532	81.41	63.74
LINC00844	24.50	92.72	0.26	chr10	N/A	24	360	82.78	227.97
Hs.47446	4.47	16.91	0.26	chr3	N/A	2	22	26.19	81.53
Hs.658895	3.41	12.91	0.26	chr10	N/A	1	304	0.00	107.09
ODF3B	11.98	45.37	0.26	chr22	22q13.33	20	1280	87.16	114.32
Hs.122011	9.68	36.65	0.26	chr4	N/A	11	377	51.21	44.78
Hs.726575	5.24	19.82	0.26	chr19	N/A	1	304	0.00	59.66
Hs.292580	4.59	17.36	0.26	chr14	N/A	1	304	0.00	58.22
Hs.180696	5.21	19.73	0.26	chr3	N/A	7	73	46.37	102.33
LOC731275	11.23	42.54	0.26	chr1	1q43	2	16	86.37	40.77
LOC100630918	7.91	29.96	0.26	chr2	N/A	4	304	37.83	58.81
Hs.677206	8.66	32.78	0.26	chr19	N/A	1	304	0.00	52.33
Hs.252895	3.18	12.04	0.26	chr5	N/A	1	304	0.00	78.85
Hs.326470	3.64	13.79	0.26	chr2	N/A	2	22	33.05	74.36
Hs.667575	3.85	14.58	0.26	chr16	N/A	2	608	7.25	74.24
Hs.661767	17.66	66.92	0.26	chr12	N/A	4	370	45.39	65.21
Hs.662084	9.04	34.26	0.26	chr8	N/A	1	304	0.00	69.00
Hs.604064	3.43	13.00	0.26	chr16	N/A	2	22	13.07	66.15
APOA1	69.00	261.58	0.26	chr11	11q23-q24	61	1515	81.92	456.72
UBD	31.02	117.59	0.26	chr6	6p21.3	28	534	137.90	206.22
Hs.732357	30.73	116.52	0.26	chr4	N/A	10	73	71.94	123.58
Hs.667753	18.28	69.30	0.26	chr2	N/A	14	146	104.53	373.85
ASH1L	46.40	175.97	0.26	chr1	1q22	52	1288	141.57	97.73
CXorf21	12.99	49.26	0.26	chrX	Xp21.2	24	452	112.91	76.46
Hs.656381	3.12	11.83	0.26	chr8	N/A	1	304	0.00	145.89
TRPM8	13.73	52.11	0.26	chr2	2q37.1	29	856	152.76	380.22
APOF	7.00	26.57	0.26	chr12	12q13.3	33	524	92.56	322.14
Hs.664921	16.02	60.78	0.26	chr10	N/A	1	304	0.00	65.71
OBP2A	10.41	39.52	0.26	chr9	9q34	23	1061	117.15	141.75
NMI	28.74	109.06	0.26	chr2	2q23	119	721	77.98	76.41
PRSS27	12.89	48.94	0.26	chr16	16p13.3	17	344	101.55	238.92
Hs.603610	12.00	45.57	0.26	chr13	N/A	2	22	68.93	78.78
Hs.733169	9.23	35.03	0.26	chr12	N/A	1	304	0.00	186.88
Hs.596712	34.38	130.53	0.26	chr5	N/A	17	101	125.57	113.13
Hs.630806	11.37	43.21	0.26	chr19	N/A	1	304	0.00	70.75
Hs.713069	11.35	43.10	0.26	chr20	N/A	10	28	67.03	36.26
Hs.662908	9.49	36.04	0.26	chr9	N/A	1	304	0.00	113.27
PDHA2	13.38	50.83	0.26	chr4	4q22-q23	26	492	89.83	303.93
CLEC18B	9.07	34.49	0.26	chr16	16q22.3	23	101	66.24	144.05
Hs.724197	3.79	14.42	0.26	chr16	N/A	1	304	0.00	77.82
Hs.594486	8.54	32.48	0.26	chr7	N/A	21	360	67.99	77.44
C21orf91	19.38	73.70	0.26	chr21	21q21.1	42	862	89.82	111.90
TKTL2	11.19	42.59	0.26	chr4	4q32.2	19	385	109.46	305.20
TLR10	9.91	37.71	0.26	chr4	4p14	39	835	89.25	183.12
Hs.559677	15.00	57.07	0.26	chr1	N/A	1	304	0.00	68.43
TMPRSS7	54.93	209.07	0.26	chr3	3q13.2	8	52	100.00	59.74

ASPRV1	31.75	120.83	0.26	chr2	2p13.3	26	462	96.52	296.36
Hs.604153	4.11	15.63	0.26	chr19	N/A	2	22	45.10	47.95
SULT4A1	19.50	74.25	0.26	chr22	22q13.2	47	688	96.83	144.51
DTL	7.26	27.63	0.26	chr1	1q32	126	1043	34.01	131.35
Hs.658719	27.35	104.16	0.26	chr19	N/A	8	377	85.24	30.75
KLHDC8A	20.96	79.81	0.26	chr1	1q32.1	36	902	102.47	357.27
MDH1B	8.55	32.56	0.26	chr2	2q33.3	39	817	83.58	107.84
Hs.664610	7.26	27.64	0.26	chr16	N/A	7	73	62.40	86.50
C1orf213	17.46	66.51	0.26	chr1	1p36.12	12	320	79.91	48.85
Hs.656099	11.85	45.14	0.26	chr3	N/A	3	326	8.21	84.60
EDAR	16.54	63.00	0.26	chr2	2q13	28	526	124.64	81.91
LOC100128198	5.42	20.64	0.26	chr21	21q22.11	9	681	78.12	66.09
LOC100506157	7.12	27.14	0.26	chr14	N/A	13	28	58.01	50.70
Hs.140444	6.08	23.17	0.26	chr14	N/A	1	304	0.00	97.98
Hs.713972	20.43	77.85	0.26	chr6	N/A	1	304	0.00	67.07
Hs.331243	5.31	20.23	0.26	chr15	N/A	7	73	58.12	105.97
SLC7A11-AS1	14.50	55.27	0.26	chr4	4q28.3	8	377	96.50	1,036.34
PGA3	37.75	143.94	0.26	chr11	11q12.2	33	564	107.76	654.25
LINC00683	5.81	22.17	0.26	chr18	18q23	11	443	59.44	96.36
Hs.663547	7.33	27.96	0.26	chr2	N/A	1	304	0.00	58.91
Hs.663935	15.63	59.61	0.26	chr15	N/A	1	304	0.00	38.54
Hs.661693	6.59	25.14	0.26	chr1	N/A	7	73	78.78	94.10
INSIG1	39.75	151.69	0.26	chr7	7q36	53	1445	126.32	124.77
Hs.565106	13.31	50.80	0.26	chr3	N/A	1	304	0.00	435.23
PLS3	100.62	384.09	0.26	chrX	Xq23	46	762	109.25	117.57
SYCE3	8.23	31.42	0.26	chr22	22q13.33	3	320	8.62	385.18
ENC1	34.18	130.52	0.26	chr5	5q13	52	1098	122.12	242.49
WNT3A	137.37	524.55	0.26	chr1	1q42	18	91	255.76	101.00
Hs.741671	5.56	21.24	0.26	chr1	N/A	7	73	53.09	106.57
H2BFWT	5.21	19.89	0.26	chrX	Xq22.2	5	22	59.40	82.85
Hs.675819	18.72	71.53	0.26	chr8	N/A	15	448	62.02	69.02
Hs.732588	14.81	56.63	0.26	chr5	N/A	5	420	121.62	60.98
Hs.543831	3.25	12.44	0.26	chr5	N/A	5	22	57.05	61.59
C3orf80	2.57	9.84	0.26	chr3	3q25.33	8	12	39.74	77.60
RPL22	370.70	1,417.50	0.26	chr1	1p36.31	101	2109	128.83	69.29
ACTN4	140.74	538.19	0.26	chr19	19q13	40	629	164.10	91.73
ARRDC3-AS1	8.91	34.09	0.26	chr5	5q14.3	8	377	111.58	50.46
Hs.60351	4.31	16.48	0.26	chr2	N/A	4	370	44.61	61.24
VAMP8	99.87	382.06	0.26	chr2	2p12-p11.2	40	617	89.92	125.71
BCAT1	12.27	46.93	0.26	chr12	12p12.1	74	1799	82.46	238.58
RPH3A	13.24	50.65	0.26	chr12	12q24.13	27	566	92.70	145.35
Hs.570560	3.91	14.97	0.26	chr3	N/A	7	73	37.23	209.14
Hs.649237	26.94	103.10	0.26	chr16	N/A	1	304	0.00	64.27
Hs.596977	4.35	16.64	0.26	chr4	N/A	7	73	41.94	89.66
ZNF720	16.05	61.45	0.26	chr16	16p11.2	49	692	85.21	76.69
Hs.672053	2.35	9.00	0.26	chr7	N/A	1	304	0.00	57.42
Hs.660120	8.82	33.79	0.26	chr14	N/A	7	73	44.85	54.01
Hs.434595	6.42	24.58	0.26	chr4	N/A	4	304	97.71	62.06
Hs.543794	5.19	19.89	0.26	chr5	N/A	1	304	0.00	41.73
Hs.667151	3.81	14.60	0.26	chr7	N/A	1	304	0.00	74.09
SPANXB2	12.27	47.02	0.26	chrX	Xq27.1	16	28	160.37	100.57
SYNRG	18.72	71.73	0.26	chr17	17q12	87	2455	104.29	84.67
DFNB59	11.07	42.44	0.26	chr2	2q31.2	27	471	74.38	141.20
Hs.732152	3.99	15.28	0.26	chr16	N/A	2	608	49.32	96.22
Hs.666091	5.17	19.81	0.26	chr3	N/A	2	22	20.88	114.41
CHP2	14.68	56.30	0.26	chr16	16p12.2	23	494	88.33	188.81
Hs.593657	94.11	360.98	0.26	chr2	N/A	7	73	77.52	76.32
KCNS1	21.49	82.45	0.26	chr20	20q12	32	610	131.82	94.53
Hs.655709	10.68	40.99	0.26	chr6	N/A	8	377	58.79	49.35
PNMAL2	10.50	40.28	0.26	chr19	19q13.32	20	422	61.16	107.63
Hs.660257	12.05	46.25	0.26	chr8	N/A	1	304	0.00	88.77
PAK3	14.55	55.85	0.26	chrX	Xq23	47	877	122.46	153.24
CKMT1B	27.42	105.32	0.26	chr15	15q15	65	720	137.68	127.04
CTRC	43.74	168.02	0.26	chr1	1p36.21	23	504	84.34	647.67
Hs.656892	6.87	26.38	0.26	chr13	N/A	21	405	120.74	56.87
Hs.610431	9.83	37.77	0.26	chr1	N/A	7	73	54.53	82.26
ANKRD13D	16.45	63.19	0.26	chr11	11q13.2	64	1192	87.60	72.70
Hs.602654	5.08	19.51	0.26	chr1	N/A	8	377	19.34	120.12
MXD1	21.94	84.32	0.26	chr2	2p13-p12	67	1111	111.75	225.87
Hs.544502	6.44	24.76	0.26	chr6	N/A	3	66	97.12	48.02
Hs.656237	13.56	52.14	0.26	chr3	N/A	11	332	60.99	52.30
Hs.464402	3.66	14.06	0.26	chr17	N/A	2	608	38.01	82.48
PLD2	23.31	89.66	0.26	chr17	17p13.1	30	571	113.60	64.03
Hs.667572	11.43	43.96	0.26	chr7	N/A	8	377	132.82	111.38
SECISBP2	35.29	135.76	0.26	chr9	9q22.2	60	1095	94.14	92.91
MEIS3	12.77	49.15	0.26	chr19	19q13.32	31	669	72.58	94.28
NCMAP	7.02	27.02	0.26	chr1	1p36.11	10	73	33.59	68.72
Hs.662437	4.11	15.83	0.26	chr10	N/A	7	73	23.58	98.09
Hs.731879	24.78	95.38	0.26	chr14	N/A	8	377	102.15	48.55
RTN4	371.62	1,430.56	0.26	chr2	2p16.3	49	1417	104.99	70.22
LOC642533	15.06	57.99	0.26	chr16	16q24.3	8	377	79.56	50.81
BLOC1S5	31.53	121.51	0.26	chr6	6p25.1-p24.3	45	822	94.04	91.31
Hs.734021	4.20	16.17	0.26	chr18	N/A	2	22	70.68	198.79
TBC1D24	16.23	62.54	0.26	chr16	16p13.3	35	748	83.84	106.36
Hs.660822	9.98	38.48	0.26	chr19	N/A	11	332	148.68	49.32
HCG26	12.22	47.13	0.26	chr6	6p21.3	22	538	93.85	77.83
SAMD9	10.04	38.70	0.26	chr7	7q21.2	54	893	86.09	182.22
Hs.733362	5.19	20.04	0.26	chr5	N/A	7	73	61.35	213.14
Hs.668445	8.72	33.65	0.26	chr1	N/A	7	73	77.88	351.42
Hs.446118	5.20	20.07	0.26	chr6	N/A	2	22	52.68	105.00
CENPW	14.72	56.81	0.26	chr6	6q22.32	31	443	95.88	85.15
Hs.596615	15.37	59.34	0.26	chr2	N/A	7	73	96.77	149.06
Hs.47312	5.64	21.79	0.26	chr1	N/A	2	22	51.70	59.54

AHSP	20.42	78.85	0.26	chr16	16p11.2	28	530	102.64	417.65
ARHGAP36	25.02	96.62	0.26	chrX	Xq26.1	26	461	175.16	418.17
STK31	5.72	22.07	0.26	chr7	7p15.3	37	415	53.79	344.25
CDON	10.81	41.75	0.26	chr11	11q24.2	52	953	102.66	141.54
Hs.27017	7.40	28.60	0.26	chr1	N/A	1	304	0.00	52.56
Hs.656628	12.55	48.48	0.26	chr2	N/A	1	304	0.00	82.76
BHMT2	24.06	92.99	0.26	chr5	5q13	66	1036	77.65	239.01
Hs.736160	6.35	24.53	0.26	chr7	N/A	1	304	0.00	74.79
Hs.734112	2.35	9.08	0.26	chr4	N/A	2	22	79.75	72.78
OR10K2	53.57	207.11	0.26	chr1	1q23.1	5	52	124.32	53.27
NIPAL1	7.98	30.84	0.26	chr4	4p12	35	940	78.74	102.50
Hs.657117	7.59	29.36	0.26	chr1	N/A	1	304	0.00	59.93
Hs.733291	4.59	17.75	0.26	chr6	N/A	1	304	0.00	72.72
SGOL2	9.73	37.64	0.26	chr2	2q33.1	42	858	76.35	213.38
Hs.707708	26.16	101.17	0.26	chr1	N/A	5	51	21.51	73.97
ACSM2A	6.35	24.58	0.26	chr16	16p12.3	22	709	99.52	399.65
CDC42SE1	42.74	165.33	0.26	chr1	1q21.3	68	1653	80.72	94.11
Hs.729632	6.78	26.23	0.26	chr2	N/A	2	22	1.33	111.42
Hs.713885	6.22	24.06	0.26	chr1	N/A	10	28	17.39	62.17
ODAM	19.35	74.88	0.26	chr4	4q13.3	28	525	261.69	396.19
SEPT1	6.95	26.89	0.26	chr16	16p11.1	19	388	75.37	172.96
Hs.176498	8.14	31.52	0.26	chr19	N/A	1	304	0.00	90.75
C15orf62	5.77	22.36	0.26	chr15	15q15.1	19	709	107.63	113.32
RIPK4	21.63	83.76	0.26	chr21	21q22.3	39	866	105.60	153.47
FGL2	50.30	194.87	0.26	chr7	7q11.23	42	1031	114.07	139.09
LOC646482	7.26	28.14	0.26	chr13	13q12.13	4	304	24.61	73.34
Hs.665739	8.11	31.41	0.26	chr7	N/A	7	73	26.97	437.91
Hs.546316	11.62	45.01	0.26	chr1	N/A	8	355	34.80	46.22
LINC00526	11.68	45.28	0.26	chr18	18p11.31	18	410	37.78	99.97
Hs.661149	27.98	108.44	0.26	chr8	N/A	4	304	14.38	30.46
DHFR1L	20.27	78.55	0.26	chr3	3q11.1	48	771	78.40	90.14
Hs.658407	30.36	117.69	0.26	chr7	N/A	11	377	93.16	75.99
HOXD1	17.17	66.58	0.26	chr2	2q31.1	30	573	83.61	91.34
Hs.665019	5.45	21.15	0.26	chr13	N/A	1	304	0.00	52.23
Hs.662483	10.20	39.55	0.26	chr2	N/A	7	73	76.23	96.65
OR4D9	11.02	42.76	0.26	chr11	11q12.1	5	52	71.62	62.60
Hs.671358	6.41	24.88	0.26	chr12	N/A	11	332	43.45	60.22
APOBEC4	8.14	31.60	0.26	chr1	1q25.3	7	304	101.85	55.51
CCDC17	13.26	51.46	0.26	chr1	1p34.1	21	423	77.41	301.29
Hs.555999	19.42	75.36	0.26	chr2	N/A	2	22	41.78	96.60
IRF8	23.01	89.29	0.26	chr16	16q24.1	44	720	116.50	141.95
OR5H2	15.56	60.39	0.26	chr3	3q12.1	5	52	73.42	53.22
ADAM33	47.92	186.03	0.26	chr20	20p13	33	716	89.41	93.96
Hs.669926	3.44	13.34	0.26	chr7	N/A	1	304	0.00	75.77
Hs.591704	5.56	21.59	0.26	chr4	N/A	1	304	0.00	156.93
Hs.682239	5.91	22.93	0.26	chr1	N/A	1	304	0.00	62.74
C6orf165	13.16	51.09	0.26	chr6	6q15	42	485	68.19	248.66
Hs.731779	26.98	104.76	0.26	chr1	N/A	14	146	88.64	79.00
Hs.656284	23.72	92.11	0.26	chr1	N/A	8	377	99.01	74.77
Hs.667112	6.28	24.41	0.26	chr6	N/A	8	377	67.91	453.07
HSD17B2	11.05	42.93	0.26	chr16	16q24.1-q24.2	30	573	70.88	223.53
Hs.603898	10.66	41.41	0.26	chr1	N/A	3	66	105.22	65.42
REG1B	24.01	93.31	0.26	chr2	2p12	31	545	71.39	623.09
Hs.644194	7.43	28.87	0.26	chr1	N/A	7	73	56.96	75.63
Hs.633449	14.24	55.37	0.26	chr9	N/A	1	304	0.00	60.60
DKFZP434H168	4.10	15.96	0.26	chr16	16q12.2	11	332	45.33	54.90
SPDEF	22.30	86.70	0.26	chr6	6p21.3	50	2248	109.06	123.05
PCP4	79.87	310.50	0.26	chr21	21q22.2	29	569	193.67	242.09
ZC3H7B	23.22	90.30	0.26	chr22	22q13.2	81	2500	113.90	185.39
ASGR2	18.69	72.70	0.26	chr17	17p	36	580	126.64	379.34
CD40LG	7.82	30.44	0.26	chrX	Xq26	23	496	125.97	101.22
ZG16	13.35	51.97	0.26	chr16	16p11.2	44	718	90.97	625.21
PLVAP	37.43	145.70	0.26	chr19	19p13.2	36	534	92.21	120.91
PRG3	12.84	50.02	0.26	chr11	11q12	21	456	44.08	362.06
Hs.733255	13.61	53.02	0.26	chr5	N/A	1	304	0.00	60.37
Hs.663888	7.34	28.57	0.26	chr9	N/A	1	304	0.00	75.02
Hs.611927	2.60	10.12	0.26	chr6	N/A	1	304	0.00	137.11
DKFZP434K028	8.79	34.23	0.26	chr11	11q12.2	14	698	56.42	77.37
Hs.660869	18.67	72.75	0.26	chr15	N/A	1	304	0.00	73.62
ABCA7	11.36	44.26	0.26	chr19	19p13.3	63	814	84.99	301.08
Hs.737533	4.91	19.15	0.26	chr7	N/A	2	608	30.13	75.35
Hs.550204	13.18	51.39	0.26	chr7	N/A	10	73	88.16	90.47
Hs.594293	9.70	37.81	0.26	chr13	N/A	7	73	34.47	80.56
GPR89B	31.29	122.05	0.26	chr1	1q21.1	48	821	69.77	42.92
Hs.191475	31.03	121.03	0.26	chr1	N/A	11	377	115.95	90.06
IL17RB	13.66	53.27	0.26	chr3	3p21.1	47	1283	68.72	87.58
Hs.734108	6.10	23.82	0.26	chr9	N/A	1	304	0.00	43.61
Hs.155736	8.22	32.07	0.26	chr1	N/A	21	405	102.79	182.31
FAM19A5	11.51	44.90	0.26	chr22	22q13.32	35	1162	102.34	138.48
AFTPH	59.88	233.70	0.26	chr2	2p14	55	893	110.86	47.04
Hs.659483	14.40	56.21	0.26	chr5	N/A	24	174	167.69	786.74
LOC393078	28.50	111.34	0.26	chr7	7q36.3	10	28	47.56	76.26
ARRDC1	20.73	80.97	0.26	chr9	9q34.3	35	497	59.12	74.69
TFAP2A	12.92	50.48	0.26	chr6	6p24	82	1612	107.90	196.93
Hs.664329	32.00	125.05	0.26	chr1	N/A	1	304	0.00	101.51
KIAA1324	33.39	130.50	0.26	chr1	1p13.3	32	1181	302.41	251.21
TLR8-AS1	3.46	13.52	0.26	chrX	Xp22.31	11	332	62.14	54.85
Hs.671392	3.75	14.65	0.26	chr16	N/A	1	304	0.00	47.76
Hs.566381	7.10	27.76	0.26	chrX	N/A	10	28	32.11	79.19
RBL2	41.02	160.49	0.26	chr16	16q12.2	42	1030	98.90	81.57
Hs.684756	4.38	17.16	0.26	chr22	N/A	1	304	0.00	47.35
Hs.601013	11.32	44.31	0.26	chr6	N/A	7	73	126.72	157.22
Hs.537450	13.67	53.53	0.26	chr6	N/A	18	405	99.25	46.84

TMIGD1	25.94	101.60	0.26	chr17	17q11.2	8	52	89.39	67.88
RPN2	179.88	704.66	0.26	chr20	20q12-q13.1	70	1513	153.69	65.91
Hs.656062	5.89	23.08	0.26	chr1	N/A	2	22	67.11	44.23
FLNA	138.02	540.82	0.26	chrX	Xq28	42	1456	88.06	128.24
Hs.561773	6.84	26.82	0.26	chr8	N/A	10	73	40.70	293.97
Hs.655774	14.53	56.98	0.26	chr14	N/A	8	377	66.08	43.34
Hs.354110	10.77	42.24	0.26	chr4	N/A	16	354	64.98	65.25
Hs.72981	12.61	49.46	0.26	chr2	N/A	8	377	87.31	196.14
SPANXA1	7.10	27.83	0.25	chrX	Xq27.1	39	1227	69.87	298.79
Hs.655811	4.73	18.57	0.25	chr13	N/A	7	73	45.86	87.61
LOC100996496	34.49	135.30	0.25	chr1	N/A	13	576	130.41	77.12
CETN1	15.86	62.23	0.25	chr18	18p11.32	33	565	73.86	430.38
Hs.596872	11.35	44.53	0.25	chr4	N/A	1	304	0.00	46.94
Hs.672344	7.96	31.24	0.25	chr10	N/A	11	332	78.01	88.38
PRSS38	11.31	44.42	0.25	chr1	1q42.13	18	80	136.96	122.65
SCARNA2	5.25	20.61	0.25	chr1	1q13.1	1	304	0.00	62.66
Hs.653430	14.53	57.04	0.25	chr15	N/A	8	377	83.79	60.30
CTSK	53.14	208.84	0.25	chr1	1q21	34	655	56.78	111.89
FAM209B	17.13	67.35	0.25	chr20	20q13.31	27	405	93.84	415.15
Hs.658565	10.58	41.58	0.25	chr6	N/A	15	450	73.73	1,504.32
Hs.734365	20.53	80.71	0.25	chr2	N/A	7	73	34.90	168.30
SOHLH1	9.89	38.91	0.25	chr9	9q34.3	24	361	226.37	82.21
HPD	21.88	86.05	0.25	chr12	12q24-qter	44	717	145.87	424.52
Hs.700911	7.09	27.89	0.25	chrX	N/A	10	28	26.86	72.92
Hs.661131	16.77	66.01	0.25	chr2	N/A	11	377	94.98	46.11
Hs.726378	6.83	26.88	0.25	chr10	N/A	7	73	80.78	78.17
UNC5B-AS1	4.27	16.82	0.25	chr10	10q22.1	1	304	0.00	96.75
ADIG	8.38	32.99	0.25	chr20	20q11.23	18	639	47.58	90.31
OR1K1	8.73	34.40	0.25	chr9	9q33.2	8	52	42.53	89.99
Hs.662300	9.39	36.99	0.25	chr10	N/A	8	377	98.61	59.75
Hs.662920	20.92	82.41	0.25	chr1	N/A	8	377	81.52	61.76
Hs.128696	6.68	26.34	0.25	chr5	N/A	7	73	33.33	57.58
Hs.741243	12.94	50.98	0.25	chr13	N/A	6	355	149.25	132.38
Hs.664496	5.99	23.61	0.25	chr2	N/A	7	73	105.22	95.62
LOC100505515	12.79	50.41	0.25	chr20	N/A	18	450	125.37	74.44
Hs.656094	8.93	35.22	0.25	chr2	N/A	17	466	58.48	71.14
Hs.662259	4.31	16.99	0.25	chr11	N/A	7	73	30.62	93.70
Hs.544560	3.44	13.58	0.25	chr6	N/A	1	304	0.00	62.11
Hs.636150	8.96	35.36	0.25	chr3	N/A	8	377	115.18	166.84
Hs.667404	4.55	17.96	0.25	chr11	N/A	2	22	19.49	107.16
CELA2A	29.12	114.90	0.25	chr1	1p36.21	23	118	78.45	422.59
Hs.597951	53.77	212.20	0.25	chr6	N/A	1	304	0.00	45.97
UBAC2-AS1	6.34	25.03	0.25	chr13	13q32.3	2	613	41.98	83.22
ARL6IP1	95.56	377.14	0.25	chr16	16p12-p11.2	43	588	122.59	74.78
Hs.671169	3.08	12.14	0.25	chr2	N/A	1	304	0.00	47.99
Hs.707262	17.74	70.01	0.25	chr15	N/A	7	73	46.86	49.38
Hs.668657	2.60	10.26	0.25	chr20	N/A	1	304	0.00	66.06
TPRXL	9.56	37.73	0.25	chr3	3p25.1	17	332	35.67	89.49
Hs.608592	24.96	98.56	0.25	chr9	N/A	10	28	33.33	51.13
Hs.663487	6.50	25.66	0.25	chr3	N/A	15	450	66.80	217.97
Hs.669773	13.62	53.83	0.25	chr4	N/A	1	304	0.00	100.87
C14orf132	31.03	122.60	0.25	chr14	14q32.2	55	1068	155.02	120.14
Hs.74921	14.55	57.52	0.25	chr2	N/A	8	377	87.91	52.75
NUPR1L	12.43	49.13	0.25	chr7	7p11.2	8	12	14.55	29.59
CTRL	23.25	91.89	0.25	chr16	16q22.1	46	722	79.57	506.14
YBX2	24.58	97.17	0.25	chr17	17p13.1	35	604	102.30	394.88
Hs.675457	9.70	38.35	0.25	chr10	N/A	15	448	113.21	76.95
Hs.735593	4.43	17.52	0.25	chr16	N/A	9	322	24.41	277.57
Hs.678254	4.53	17.94	0.25	chr4	N/A	1	304	0.00	57.40
AZGP1	102.75	406.41	0.25	chr7	7q22.1	56	1043	71.40	249.99
OR2T10	56.68	224.22	0.25	chr1	1q44	8	52	167.08	66.28
Hs.569122	5.67	22.43	0.25	chr12	N/A	2	22	70.76	114.99
Hs.603474	3.87	15.32	0.25	chr9	N/A	2	22	69.12	99.94
ASGR1	19.76	78.23	0.25	chr17	17p13.2	30	574	77.45	470.51
Hs.717114	64.67	256.13	0.25	chr19	N/A	13	73	91.49	154.89
RGS2	110.01	435.70	0.25	chr1	1q31	30	577	81.94	115.66
Hs.86538	39.98	158.33	0.25	chr3	N/A	21	471	173.10	151.94
FAM71A	9.19	36.43	0.25	chr1	1q32.3	28	1066	75.88	178.17
PTGS1	365.83	1,449.46	0.25	chr9	9q32-q33.3	57	2062	469.12	233.54
LINC00869	30.04	119.05	0.25	chr1	1q21.1	21	1386	200.31	172.71
Hs.604237	18.07	71.62	0.25	chr4	N/A	2	22	5.55	104.52
Hs.656336	8.43	33.41	0.25	chr2	N/A	1	304	0.00	37.04
Hs.603789	3.91	15.49	0.25	chr15	N/A	2	22	96.01	69.92
OR1L4	8.98	35.61	0.25	chr9	9q33.2	21	80	51.80	123.87
KCTD12	102.63	406.79	0.25	chr13	13q22.3	33	967	166.44	100.36
Hs.680160	2.18	8.63	0.25	chr17	N/A	2	16	108.86	48.46
Hs.556027	9.94	39.40	0.25	chr9	N/A	1	304	0.00	45.67
Hs.694135	4.80	19.03	0.25	chr12	N/A	1	304	0.00	54.05
DTX4	35.08	139.11	0.25	chr11	11q12.1	34	645	172.37	87.28
CD1B	19.95	79.13	0.25	chr1	1q22-q23	30	566	107.72	552.71
Hs.618995	5.25	20.81	0.25	chr12	N/A	1	304	0.00	87.24
ZC2HC1B	3.65	14.49	0.25	chr6	6q24.2	6	326	56.84	128.86
Hs.671728	2.96	11.76	0.25	chr15	N/A	1	304	0.00	126.46
BCL2L11	14.11	56.01	0.25	chr2	2q13	86	2662	100.81	95.12
Hs.241336	6.05	24.01	0.25	chr1	N/A	2	22	79.44	109.70
KLK12	17.74	70.41	0.25	chr19	19q13.33	26	1085	129.46	171.81
LOC100289187	19.74	78.38	0.25	chr7	7q22.1	8	377	46.22	319.35
LINC00315	13.25	52.60	0.25	chr21	21q22.3	15	318	80.51	46.50
Hs.662234	9.89	39.26	0.25	chr4	N/A	11	332	71.68	42.75
Hs.737822	15.64	62.09	0.25	chr2	N/A	2	608	66.86	72.78
Hs.594910	16.13	64.06	0.25	chr10	N/A	10	28	31.79	64.52
CCDC74A	13.10	52.03	0.25	chr2	2q21.1	13	79	76.94	185.89
PTTG1	55.01	218.58	0.25	chr5	5q35.1	40	649	80.99	160.17

Hs.655462	18.24	72.47	0.25	chr7	N/A	21	360	84.16	50.90
NOTCH2	49.35	196.11	0.25	chr1	1p13-p11	63	1981	89.88	104.38
CPLX4	16.52	65.66	0.25	chr18	18q21.32	18	80	168.62	95.88
Hs.597146	3.68	14.64	0.25	chr3	N/A	7	73	43.65	142.42
Hs.658815	12.34	49.06	0.25	chr17	N/A	2	16	35.72	51.49
LOC100506472	7.92	31.50	0.25	chr22	N/A	27	1086	48.67	59.54
CFHR2	23.72	94.33	0.25	chr1	1q31.3	22	535	139.80	323.16
Hs.720750	4.61	18.33	0.25	chr7	N/A	1	304	0.00	89.52
Hs.731768	9.85	39.16	0.25	chr20	N/A	18	405	97.39	58.17
RAB31	60.12	239.21	0.25	chr18	18p11.3	86	1318	106.80	91.44
Hs.597358	36.76	146.29	0.25	chr1	N/A	7	73	84.39	98.62
Hs.662933	33.47	133.19	0.25	chr4	N/A	15	450	78.27	127.80
FLJ20464	172.82	687.93	0.25	chr22	22q12.2	33	489	374.46	310.00
LIN7C	24.95	99.32	0.25	chr11	11p14	57	1318	123.08	85.58
CYP26A1	18.62	74.15	0.25	chr10	10q23-q24	48	685	63.27	627.54
SPATS1	6.93	27.59	0.25	chr6	6p21.1	19	355	48.79	134.71
DDX59	52.10	207.46	0.25	chr1	1q32.1	36	1128	179.84	200.26
DUOX1	13.91	55.39	0.25	chr15	15q15.3	44	1517	80.90	202.70
Hs.679153	6.70	26.67	0.25	chr18	N/A	1	304	0.00	48.24
Hs.600729	5.25	20.93	0.25	chr6	N/A	7	73	88.69	73.52
SLC25A35	13.14	52.36	0.25	chr17	17p13.1	22	721	48.52	83.34
Hs.126365	16.11	64.20	0.25	chr9	N/A	12	493	75.30	238.88
CNTD2	20.20	80.49	0.25	chr19	19q13.2	21	448	108.16	90.25
LRRRC8D	35.48	141.37	0.25	chr1	1p22.2	21	460	59.65	63.80
ACTL7B	8.64	34.43	0.25	chr9	9q31	28	526	77.26	388.54
Hs.670418	4.69	18.70	0.25	chr7	N/A	11	332	58.18	81.78
CDK13	51.85	206.63	0.25	chr7	7p13	92	3228	180.86	251.66
LOC100506325	5.49	21.90	0.25	chr17	N/A	1	309	0.00	39.54
Hs.732393	3.41	13.60	0.25	chr10	N/A	11	332	76.36	113.52
VCX3A	33.81	134.85	0.25	chrX	Xp22	35	102	141.74	415.52
Hs.668415	8.82	35.20	0.25	chr22	N/A	1	304	0.00	71.48
Hs.637699	10.43	41.60	0.25	chr2	N/A	14	332	118.45	71.72
Hs.656561	15.97	63.70	0.25	chr8	N/A	8	377	60.81	91.85
TPD52	31.84	127.03	0.25	chr8	8q21	69	2254	104.89	166.92
CBLC	5.44	21.73	0.25	chr19	19q13.2	19	760	79.49	95.88
POTEE	18.61	74.28	0.25	chr2	2q21.1	38	88	268.13	183.88
C3orf49	6.30	25.16	0.25	chr3	3p14.1	14	332	107.92	65.70
Hs.241586	6.34	25.30	0.25	chr6	N/A	7	73	26.12	138.11
TFF2	13.11	52.37	0.25	chr21	21q22.3	28	547	50.97	910.73
PRKAG3	14.82	59.19	0.25	chr2	2q35	18	388	121.04	139.51
Hs.428214	34.29	136.96	0.25	chr11	N/A	3	326	15.39	58.95
TSPAN16	6.96	27.81	0.25	chr19	19p13.2	25	709	152.46	471.71
Hs.602570	6.73	26.87	0.25	chr5	N/A	14	146	76.09	513.29
TMEM241	73.50	293.64	0.25	chr18	18q11.2	27	815	207.90	129.75
SYK	19.06	76.18	0.25	chr9	9q22	82	1687	132.96	225.55
FBXW10	5.92	23.68	0.25	chr17	17p12	24	405	65.89	105.95
Hs.720660	83.25	332.83	0.25	chr14	N/A	7	73	128.52	190.14
TMEM110	20.28	81.08	0.25	chr3	3p21.1	36	1557	122.62	312.82
Hs.710808	5.30	21.17	0.25	chr10	N/A	1	304	0.00	157.18
Hs.662290	4.11	16.42	0.25	chr18	N/A	11	332	71.56	78.65
Hs.733330	7.50	29.98	0.25	chr5	N/A	8	377	57.77	66.62
LDLRAP1	23.94	95.77	0.25	chr1	1p36-p35	43	981	94.01	69.08
LOC440993	25.49	101.95	0.25	chr3	3q29	19	754	59.15	99.32
Hs.636188	8.10	32.44	0.25	chr12	N/A	9	28	16.40	109.90
Hs.444964	5.38	21.52	0.25	chr3	N/A	7	73	69.02	260.98
Hs.560946	10.88	43.55	0.25	chr2	N/A	10	73	55.15	103.95
Hs.508987	4.34	17.38	0.25	chr5	N/A	11	344	32.71	341.60
Hs.602653	10.80	43.23	0.25	chrX	N/A	5	51	48.06	70.46
NEU4	15.16	60.70	0.25	chr2	2q37.3	27	370	171.70	96.57
Hs.720000	15.97	63.97	0.25	chr15	N/A	8	377	95.53	76.82
SPATA31C1	15.48	62.01	0.25	chr9	9q22	7	73	44.38	443.63
CALCA	15.23	60.99	0.25	chr11	11p15.2	48	1815	104.85	452.46
Hs.599228	5.18	20.75	0.25	chr1	N/A	1	304	0.00	89.46
Hs.255277	8.25	33.07	0.25	chr20	N/A	4	304	87.54	48.06
SCD	63.99	256.51	0.25	chr10	10q24.31	101	2569	201.25	262.75
Hs.603362	4.84	19.40	0.25	chr8	N/A	2	22	53.29	49.07
HMGB1	277.69	1,113.73	0.25	chr13	13q12	107	2318	204.32	107.99
Hs.154606	1.93	7.73	0.25	chr10	N/A	2	22	114.54	153.30
ARFIP2	44.95	180.33	0.25	chr11	11p15	30	577	92.43	65.48
ADARB2-AS1	17.31	69.45	0.25	chr10	10p15.3	14	333	173.58	60.57
Hs.613931	10.78	43.27	0.25	chr2	N/A	8	12	10.34	27.02
Hs.103068	7.13	28.62	0.25	chr11	N/A	8	377	39.39	46.14
Hs.664238	9.71	38.99	0.25	chr2	N/A	15	450	50.66	58.64
XAGE-4	23.64	94.94	0.25	chrX	Xp11.21	17	332	185.95	214.37
LOC100132529	13.43	53.92	0.25	chr16	16q22.2	7	73	67.42	372.03
SLIT2	39.97	160.55	0.25	chr4	4p15.2	49	1282	136.12	134.30
EML5	9.56	38.42	0.25	chr14	14q31.3	37	1235	88.21	107.18
Hs.660173	5.78	23.23	0.25	chr5	N/A	1	304	0.00	59.72
Hs.42612	5.88	23.64	0.25	chr2	N/A	11	332	106.91	61.42
Hs.603218	4.59	18.47	0.25	chr10	N/A	1	304	0.00	119.88
C3orf14	29.85	120.08	0.25	chr3	3p14.2	31	533	79.60	102.87
PCSK1N	58.69	236.12	0.25	chrX	Xp11.23	31	493	65.66	303.41
Hs.191850	17.30	69.60	0.25	chr14	N/A	8	377	100.72	77.85
KIAA0754	9.55	38.44	0.25	chr1	1p34.3	21	791	97.73	85.19
C2orf73	17.96	72.29	0.25	chr2	2p16.2	26	459	260.81	273.76
ACAP3	18.47	74.34	0.25	chr1	N/A	77	988	99.32	112.88
LOC202781	14.63	58.90	0.25	chr7	7q36.2	25	478	113.09	67.38
LINGO2	8.45	34.05	0.25	chr9	9p21.2	26	459	71.10	99.28
SCARNA17	47.53	191.44	0.25	chr18	18q21.1	10	28	5.94	65.69
Hs.668033	3.09	12.44	0.25	chr3	N/A	1	304	0.00	52.26
Hs.696660	10.72	43.21	0.25	chr9	N/A	1	304	0.00	61.12
Hs.233465	8.95	36.06	0.25	chr8	N/A	1	304	0.00	74.49
Hs.563443	4.04	16.27	0.25	chr7	N/A	3	66	23.69	80.99

Hs.659753	16.06	64.74	0.25	chr7	N/A	7	73	96.21	142.71
REEP6	33.93	136.80	0.25	chr19	19p13.3	26	462	59.96	423.43
Hs.726781	4.41	17.78	0.25	chr15	N/A	2	22	27.07	74.63
Hs.736003	11.24	45.35	0.25	chr15	N/A	1	304	0.00	51.52
LOC100506714	6.70	27.05	0.25	chr22	N/A	1	304	0.00	44.99
KCTD14	9.33	37.65	0.25	chr11	11q14.1	26	878	64.38	100.64
POU5F1B	10.02	40.45	0.25	chr8	8q24.21	26	886	88.13	102.72
LOC100506189	4.95	19.99	0.25	chr9	N/A	4	304	32.61	45.88
Hs.140547	3.20	12.91	0.25	chr9	N/A	1	304	0.00	63.68
Hs.657983	6.88	27.79	0.25	chr8	N/A	11	332	53.41	54.42
Hs.509554	16.19	65.42	0.25	chr14	N/A	1	304	0.00	48.95
CD3D	30.06	121.46	0.25	chr11	11q23	36	574	120.03	194.56
Hs.5724	12.44	50.28	0.25	chr3	N/A	1	304	0.00	59.76
Hs.593955	18.76	75.80	0.25	chr4	N/A	5	51	47.22	386.64
LOC100130278	4.69	18.94	0.25	chr3	3p21.31	11	332	124.51	59.71
IQCF5	4.34	17.53	0.25	chr3	3p21.2	3	320	41.11	305.73
Hs.715132	29.19	117.96	0.25	chrX	N/A	9	681	63.64	56.23
Hs.98470	7.73	31.22	0.25	chr5	N/A	14	398	35.28	108.77
ERLIN1	30.24	122.21	0.25	chr10	10q21-q22	45	1021	66.66	102.87
Hs.666449	4.40	17.78	0.25	chr9	N/A	1	304	0.00	56.71
KIAA1199	13.88	56.12	0.25	chr15	15q24	46	901	89.32	237.19
GKN2	11.76	47.57	0.25	chr2	2p13.3	38	555	107.76	378.80
Hs.666487	3.65	14.77	0.25	chr17	N/A	1	304	0.00	93.31
Hs.744430	5.78	23.39	0.25	chr12	N/A	15	450	47.89	97.29
Hs.667046	6.22	25.19	0.25	chr11	N/A	7	73	40.33	152.06
Hs.20255	9.06	36.66	0.25	chr2	N/A	7	73	89.20	73.07
Hs.575601	6.17	24.98	0.25	chr8	N/A	7	73	59.36	379.85
SI	6.64	26.90	0.25	chr3	3q25.2-q26.2	26	492	99.06	718.02
Hs.258228	1.75	7.09	0.25	chr1	N/A	2	608	111.68	89.82
NUTM2F	18.38	74.47	0.25	chr9	9q22.32	6	356	52.73	119.63
PRSS8	21.48	87.07	0.25	chr16	16p11.2	35	625	68.50	128.11
CLDN8	9.70	39.33	0.25	chr21	21q22.11	35	604	81.40	208.84
Hs.666392	12.50	50.69	0.25	chr20	N/A	7	73	68.98	171.11
Hs.668123	2.75	11.16	0.25	chr2	N/A	2	22	43.32	76.20
Hs.335004	5.87	23.81	0.25	chr1	N/A	2	22	64.86	102.88
PADI1	25.30	102.62	0.25	chr1	1p36.13	22	757	170.53	158.68
Hs.650713	34.29	139.05	0.25	chr11	N/A	7	73	73.14	169.46
DPP4	13.61	55.26	0.25	chr2	2q24.3	47	1494	115.24	219.37
Hs.435988	5.19	21.05	0.25	chr3	N/A	5	674	29.02	59.62
HIST4H4	9.24	37.54	0.25	chr12	12p12.3	21	52	44.10	69.76
ACSBG2	16.20	65.79	0.25	chr19	19p13.3	28	521	108.51	403.98
Hs.98619	10.63	43.20	0.25	chr4	N/A	11	332	87.77	84.02
ACTRT2	11.50	46.71	0.25	chr1	1p36.32	19	392	48.90	450.57
Hs.664521	10.39	42.20	0.25	chr8	N/A	15	450	89.88	76.62
Hs.734015	55.50	225.62	0.25	chr1	N/A	2	22	3.65	143.03
Hs.660522	10.78	43.84	0.25	chrX	N/A	7	73	59.93	65.78
Hs.664557	6.45	26.26	0.25	chr21	N/A	19	820	71.89	92.94
APOA5	20.70	84.23	0.25	chr11	11q23	20	681	154.17	352.35
BTBD11	10.29	41.86	0.25	chr12	12q23.3	27	636	119.67	115.90
Hs.597226	7.84	31.90	0.25	chr4	N/A	2	22	50.22	47.39
Hs.658173	2.26	9.19	0.25	chr5	N/A	1	304	0.00	49.78
LCN2	67.54	275.01	0.25	chr9	9q34	45	660	179.80	225.91
Hs.444651	11.30	46.00	0.25	chr1	N/A	7	73	89.22	211.72
SYNPR	10.46	42.60	0.25	chr3	3p14.2	19	388	70.93	138.63
SFTPB	34.92	142.23	0.25	chr2	2p12-p11.2	88	2189	230.34	401.86
Hs.664732	5.93	24.15	0.25	chr6	N/A	8	377	77.52	100.31
Hs.666839	12.59	51.29	0.25	chr3	N/A	10	28	32.46	74.37
HIST1H2AA	16.42	66.94	0.25	chr6	6p22.2	20	102	107.20	145.19
Hs.664097	6.31	25.72	0.25	chr18	N/A	15	450	56.56	61.92
Hs.611628	7.70	31.38	0.25	chr6	N/A	1	304	0.00	45.17
Hs.657363	4.52	18.44	0.25	chr4	N/A	1	304	0.00	72.09
TMEM123	78.36	319.47	0.25	chr11	11q22.1	57	701	116.30	100.37
Hs.657080	8.99	36.64	0.25	chr8	N/A	8	377	43.65	84.27
Hs.494100	68.61	279.80	0.25	chr9	N/A	7	73	53.65	377.10
SLC6A17	14.21	57.96	0.25	chr1	1p13.3	25	764	84.55	118.37
AGAP4	40.17	163.80	0.25	chr10	10q11.22	65	820	93.84	69.89
LOC100506348	5.88	23.99	0.25	chr20	N/A	16	354	75.57	62.34
Hs.503451	13.19	53.81	0.25	chr2	N/A	1	304	0.00	167.30
Hs.656321	6.70	27.33	0.25	chr5	N/A	1	304	0.00	79.88
GABPB1-AS1	16.40	66.91	0.25	chr15	15q21.2	26	551	69.52	75.68
Hs.723661	11.91	48.59	0.25	chr4	N/A	4	314	83.08	48.91
Hs.105103	4.08	16.64	0.25	chr14	N/A	7	73	41.06	88.91
Hs.563418	8.71	35.58	0.24	chr6	N/A	7	73	45.35	219.22
Hs.664233	43.10	176.00	0.24	chr7	N/A	1	304	0.00	81.49
RSPH10B2	25.73	105.10	0.24	chr7	7p22.1	4	304	135.56	35.58
Hs.678515	4.10	16.74	0.24	chrX	N/A	1	304	0.00	53.14
CAMK2G	43.80	178.92	0.24	chr10	10q22	66	1635	77.01	85.06
Hs.600254	19.84	81.03	0.24	chrX	N/A	10	28	36.07	86.67
ATF7IP	34.61	141.42	0.24	chr12	12p13.1	64	2141	145.04	183.41
LYPD4	14.33	58.54	0.24	chr19	19q13.2	17	332	80.58	289.64
SH3BGRL2	41.27	168.64	0.24	chr6	6q14.1	54	902	88.84	332.48
Hs.570812	6.04	24.67	0.24	chr4	N/A	2	22	42.21	226.12
SLC22A25	12.22	49.97	0.24	chr11	11q12.3	32	848	185.55	123.35
Hs.702528	36.93	151.01	0.24	chr1	N/A	7	73	55.28	139.70
LRP11	35.72	146.09	0.24	chr6	6q25.1	16	399	120.95	70.53
Hs.588388	5.99	24.48	0.24	chr8	N/A	1	304	0.00	57.15
OR4F16	9.40	38.44	0.24	chr1	1p36.33	11	377	84.16	50.00
C8B	20.46	83.71	0.24	chr1	1p32	37	647	109.83	404.39
GPR62	12.47	51.04	0.24	chr3	3p21.1	19	390	50.18	106.72
LOC100134040	6.68	27.33	0.24	chr7	7q36.1	1	304	0.00	366.76
Hs.661280	4.46	18.27	0.24	chr11	N/A	7	73	63.09	82.21
Hs.676885	21.05	86.19	0.24	chr14	N/A	1	304	0.00	46.81
Hs.655847	11.92	48.82	0.24	chr5	N/A	8	377	68.02	1,399.40

Hs.604461	8.26	33.83	0.24	chr12	N/A	7	73	51.94	157.82
Hs.661928	8.65	35.42	0.24	chr19	N/A	1	304	0.00	166.48
SCIN	9.67	39.61	0.24	chr7	7p21.3	34	1211	131.62	118.52
CLEC4F	8.84	36.23	0.24	chr2	2p13.3	21	437	60.98	57.91
GLT1D1	16.43	67.32	0.24	chr12	12q24.33	28	510	111.94	187.58
Hs.48372	4.62	18.92	0.24	chr4	N/A	14	332	65.54	193.15
DEFB4A	17.30	70.87	0.24	chr8	8p23.1	18	455	53.78	233.14
Hs.603558	5.15	21.13	0.24	chr3	N/A	3	66	73.16	197.20
Hs.635260	14.69	60.23	0.24	chr17	N/A	1	304	0.00	99.97
Hs.572321	6.33	25.97	0.24	chr15	N/A	1	304	0.00	45.46
MYO1G	17.75	72.81	0.24	chr7	7p13-p11.2	47	821	98.14	159.49
MAP3K13	14.09	57.80	0.24	chr3	3q27	57	2647	161.68	170.77
LOC100129380	11.77	48.31	0.24	chr12	12q24.31	22	523	114.12	83.73
SLITRK5	7.09	29.10	0.24	chr13	13q31.2	30	565	156.26	126.52
OR8B2	7.26	29.80	0.24	chr11	11q24.1	5	52	35.21	72.39
SNTN	8.66	35.57	0.24	chr3	3p14.2	26	405	100.50	425.59
CD22	11.82	48.56	0.24	chr19	19q13.1	74	2001	123.84	199.32
MCTP2	9.48	38.95	0.24	chr15	15q26.2	72	1906	102.01	81.03
RBP4	60.73	249.62	0.24	chr10	10q23-q24	42	1070	103.41	412.64
SCML2	17.41	71.57	0.24	chrX	Xp22	47	671	111.12	75.34
GRAMD1B	21.29	87.53	0.24	chr11	11q24.1	50	779	123.10	146.91
Hs.744670	5.17	21.24	0.24	chr17	N/A	1	304	0.00	58.90
Hs.12257	6.03	24.80	0.24	chr11	N/A	10	73	30.05	91.89
MARCH8	15.06	61.94	0.24	chr10	10q11.21	42	1133	114.28	172.45
Hs.437873	6.70	27.57	0.24	chr17	N/A	7	73	33.05	161.73
BARX1	16.92	69.60	0.24	chr9	9q12	28	526	216.03	453.07
SPATA16	11.29	46.46	0.24	chr3	3q26.31	26	457	134.84	164.26
Hs.349207	6.69	27.52	0.24	chr6	N/A	11	377	67.05	79.44
LINC00461	6.46	26.60	0.24	chr5	5q14.3	12	640	20.03	192.01
Hs.326475	10.34	42.56	0.24	chr13	N/A	1	304	0.00	131.36
Hs.44677	4.07	16.75	0.24	chrX	N/A	6	66	50.92	129.54
Hs.660195	8.73	35.93	0.24	chr2	N/A	1	304	0.00	120.16
IRAK4	10.09	41.57	0.24	chr12	12q12	31	489	31.09	52.95
ZFAS1	119.64	492.68	0.24	chr20	20q13.13	38	1430	124.53	82.50
Hs.725538	4.94	20.35	0.24	chr2	N/A	2	608	36.87	146.03
Hs.665436	6.27	25.85	0.24	chr6	N/A	8	377	56.82	66.23
Hs.710981	3.30	13.60	0.24	chr10	N/A	1	304	0.00	52.44
Hs.657201	4.44	18.29	0.24	chr17	N/A	1	304	0.00	58.58
Hs.655537	21.79	89.84	0.24	chr2	N/A	18	709	73.96	43.91
ANKRD10-IT1	63.30	261.12	0.24	chr13	N/A	15	448	170.67	56.80
LOC100996660	5.78	23.84	0.24	chr17	N/A	7	73	54.70	100.17
Hs.538486	2.93	12.07	0.24	chr10	N/A	2	22	5.26	77.85
LOC692247	9.66	39.87	0.24	chr11	11p15.5	6	978	78.89	104.73
Hs.737523	2.94	12.13	0.24	chr11	N/A	1	304	0.00	62.40
Hs.733594	7.34	30.28	0.24	chr11	N/A	8	377	49.80	57.82
TAGAP	10.93	45.13	0.24	chr6	6q25.3	50	1059	107.02	282.41
Hs.659469	15.23	62.85	0.24	chr17	N/A	16	389	82.56	55.16
KCNN4	14.12	58.28	0.24	chr19	19q13.2	37	640	57.30	162.63
Hs.744452	22.38	92.40	0.24	chr5	N/A	1	304	0.00	105.18
Hs.666640	14.99	61.88	0.24	chr1	N/A	3	326	120.09	80.00
PRPF19	35.75	147.68	0.24	chr11	11q12.2	32	614	99.40	69.19
Hs.671447	4.70	19.43	0.24	chr17	N/A	1	304	0.00	45.35
C11orf94	7.71	31.83	0.24	chr11	11p11.2	8	377	74.64	92.75
Hs.726773	2.83	11.70	0.24	chr19	N/A	3	66	66.68	87.67
Hs.602696	3.43	14.17	0.24	chr7	N/A	3	66	27.73	99.23
PIK3AP1	18.00	74.41	0.24	chr10	10q24.1	25	714	124.39	170.38
LOC100996672	13.08	54.08	0.24	chr19	N/A	1	304	0.00	74.04
Hs.734302	3.25	13.45	0.24	chr16	N/A	2	22	5.41	108.64
Hs.630800	36.81	152.23	0.24	chr5	N/A	7	12	26.61	48.03
OR11G2	19.42	80.34	0.24	chr14	14q11.2	15	80	149.70	89.46
Hs.662370	4.68	19.35	0.24	chr11	N/A	7	73	53.04	77.13
TXNDC16	16.34	67.61	0.24	chr14	14q22.1	23	406	60.00	122.90
Hs.660986	11.24	46.51	0.24	chr12	N/A	1	304	0.00	52.08
Hs.483104	10.63	43.98	0.24	chr5	N/A	7	73	86.36	450.80
EV12A	21.63	89.54	0.24	chr17	17q11.2	36	577	135.28	164.79
C9orf43	7.63	31.58	0.24	chr9	9q32	22	388	72.81	172.12
LOC100506776	10.28	42.57	0.24	chr7	7p14	25	478	83.90	169.76
Hs.670069	3.74	15.51	0.24	chr1	N/A	1	304	0.00	58.22
GAPDHS	13.02	53.91	0.24	chr19	19q13.12	41	577	125.59	429.53
Hs.562485	3.38	14.00	0.24	chr13	N/A	3	66	15.27	150.60
Hs.603828	5.87	24.33	0.24	chr12	N/A	7	73	64.92	84.78
MLKL	22.37	92.69	0.24	chr16	16q23.1	41	422	107.19	86.47
Hs.551095	4.45	18.44	0.24	chr6	N/A	1	304	0.00	35.92
Hs.569298	18.20	75.41	0.24	chr13	N/A	5	22	87.63	125.71
Hs.660651	2.90	12.01	0.24	chr9	N/A	1	304	0.00	62.26
ZSCAN29	13.40	55.54	0.24	chr15	15q15.3	38	540	134.80	68.36
Hs.602606	5.09	21.12	0.24	chr6	N/A	7	73	85.81	147.68
CAPZA1	67.15	278.45	0.24	chr1	1p13.2	63	1077	127.60	118.62
FAM226B	4.64	19.23	0.24	chrX	Xq13.2	6	355	34.35	106.42
LINC00948	18.23	75.64	0.24	chr10	N/A	8	377	77.75	298.64
Hs.737141	7.52	31.21	0.24	chr8	N/A	1	304	0.00	69.82
Hs.737367	3.29	13.67	0.24	chr7	N/A	1	304	0.00	66.09
Hs.656396	12.92	53.68	0.24	chr22	N/A	8	377	86.48	77.36
Hs.712892	37.13	154.26	0.24	chr6	N/A	7	73	97.57	81.60
Hs.624136	7.35	30.57	0.24	chr16	N/A	10	28	71.31	70.61
REG3A	22.89	95.15	0.24	chr2	2p12	32	847	105.34	583.12
GBX1	7.36	30.62	0.24	chr7	7q36.1	9	475	61.72	168.69
VSIG8	8.80	36.57	0.24	chr1	1q23.2	14	332	19.48	43.46
UNC5D	16.56	68.92	0.24	chr8	8p12	24	236	150.26	97.41
Hs.713659	8.94	37.21	0.24	chr19	N/A	8	12	15.55	52.58
SPATA24	29.19	121.50	0.24	chr5	5q31.2	43	883	124.44	191.55
XKR5	14.98	62.35	0.24	chr8	8p23.1	16	28	59.24	149.67
Hs.659599	6.45	26.84	0.24	chr19	N/A	8	377	33.12	60.79

AMY2B	47.72	198.73	0.24	chr1	1p21	29	463	141.77	408.71
PAPSS1	77.11	321.26	0.24	chr4	4q24	33	576	130.73	72.02
B3GNT3	10.46	43.59	0.24	chr19	19p13.1	30	582	63.85	82.86
Hs.124597	15.98	66.58	0.24	chr11	N/A	8	377	137.84	76.18
OR2A14	17.31	72.12	0.24	chr7	7q35	16	28	57.90	148.41
ZP4	8.65	36.06	0.24	chr1	1q43	17	332	125.83	43.25
Hs.745022	31.20	130.04	0.24	chr16	N/A	3	914	23.25	136.82
Hs.664754	7.48	31.17	0.24	chr2	N/A	7	73	70.67	355.95
Hs.555565	6.07	25.34	0.24	chr2	N/A	7	73	69.11	86.00
VAV3	16.39	68.39	0.24	chr1	1p13.3	57	1354	142.68	153.97
MYLK2	17.99	75.10	0.24	chr20	20q13.31	19	384	104.42	173.03
Hs.543069	4.07	16.99	0.24	chr3	N/A	7	73	65.22	215.31
LOC100505697	7.48	31.24	0.24	chr6	N/A	3	326	35.18	99.73
Hs.571101	6.60	27.58	0.24	chr3	N/A	11	443	95.36	106.68
DEPDC7	9.94	41.55	0.24	chr11	11p13	30	417	91.49	173.90
OR51L1	64.41	269.12	0.24	chr11	11p15.4	8	52	174.79	45.39
TTK	8.09	33.82	0.24	chr6	6q13-q21	30	567	85.48	307.10
LOC100506527	7.65	31.96	0.24	chr7	N/A	8	383	110.41	69.26
Hs.48617	8.67	36.23	0.24	chr1	N/A	10	28	44.66	54.02
Hs.743530	10.94	45.70	0.24	chr14	N/A	10	28	30.00	75.19
Hs.691665	11.30	47.22	0.24	chr7	N/A	1	304	0.00	62.77
TAGLN3	32.29	134.98	0.24	chr3	3q13.2	36	635	150.48	175.20
Hs.631095	4.86	20.31	0.24	chr4	N/A	8	12	20.16	45.04
RETN	10.27	42.94	0.24	chr19	19p13.2	21	462	92.04	243.74
TRMU	8.87	37.08	0.24	chr22	22q13	7	459	108.49	55.54
LOC100506100	10.79	45.14	0.24	chr9	N/A	14	332	65.57	43.64
Hs.658859	6.30	26.37	0.24	chr18	N/A	15	448	60.64	80.35
HS3ST5	5.52	23.09	0.24	chr6	6q21	26	416	83.48	90.49
CLK2	34.30	143.56	0.24	chr1	1q21	55	625	113.35	78.29
LY6G5B	8.32	34.84	0.24	chr6	6p21.3	17	332	44.50	39.44
Hs.659152	10.18	42.62	0.24	chr3	N/A	8	377	53.36	53.73
HCAR3	22.23	93.07	0.24	chr12	12q24.31	29	510	75.09	153.83
Hs.712822	30.84	129.13	0.24	chr3	N/A	15	79	85.74	125.61
TCEAL2	38.26	160.34	0.24	chrX	Xq22.1-q22.3	35	606	80.29	166.65
Hs.734061	7.31	30.63	0.24	chr9	N/A	1	304	0.00	66.87
Hs.672915	5.80	24.32	0.24	chr1	N/A	1	304	0.00	53.80
Hs.662089	3.75	15.73	0.24	chr2	N/A	5	420	34.88	78.30
Hs.598405	10.75	45.09	0.24	chr1	N/A	7	73	65.06	101.27
SSR1	47.74	200.22	0.24	chr6	6p24.3	75	1452	167.51	95.18
Hs.444159	9.31	39.06	0.24	chr11	N/A	7	73	111.64	291.02
VOPP1	57.85	242.77	0.24	chr7	7p11.2	33	560	53.51	62.48
Hs.666534	4.01	16.85	0.24	chr5	N/A	2	22	23.68	63.22
NCOA7	29.66	124.48	0.24	chr6	6q22.32	47	1205	109.38	184.30
Hs.604380	5.77	24.22	0.24	chr6	N/A	8	377	32.71	56.02
ISL1	12.01	50.47	0.24	chr5	5q11.1	30	565	120.21	151.67
FGF13	27.09	113.81	0.24	chrX	Xq26.3	66	678	431.92	214.90
Hs.356889	5.75	24.18	0.24	chr17	N/A	1	304	0.00	64.25
Hs.707079	20.43	85.87	0.24	chr1	N/A	8	12	12.80	27.91
ADAMDEC1	13.12	55.13	0.24	chr8	8p21.2	31	543	81.32	494.87
Hs.691845	1.36	5.71	0.24	chr19	N/A	1	304	0.00	131.32
OR2AT4	11.54	48.54	0.24	chr11	11q13.4	5	52	33.92	80.83
SLC25A52	8.25	34.72	0.24	chr18	18q12.1	16	28	33.28	136.17
Hs.655159	7.02	29.57	0.24	chr4	N/A	1	304	0.00	126.23
ALDOB	42.16	177.48	0.24	chr9	9q21.3-q22.2	84	3866	205.92	513.39
FBLL1	11.70	49.28	0.24	chr5	5q34	13	348	156.18	107.15
Hs.675539	3.62	15.25	0.24	chr10	N/A	1	304	0.00	88.62
Hs.98450	6.21	26.17	0.24	chr7	N/A	4	370	131.87	97.29
Hs.595502	26.88	113.29	0.24	chr14	N/A	5	51	117.37	68.65
Hs.735384	37.73	159.03	0.24	chr16	N/A	1	304	0.00	62.67
ABCG5	12.03	50.70	0.24	chr2	2p21	28	530	103.40	1,081.95
Hs.674409	5.20	21.93	0.24	chr9	N/A	11	332	19.05	57.15
Hs.671236	5.36	22.59	0.24	chr9	N/A	5	420	49.43	58.58
Hs.607096	17.94	75.65	0.24	chr4	N/A	1	304	0.00	148.23
NAP1L3	22.41	94.52	0.24	chrX	Xq21.3-q22	23	499	67.73	155.43
EML6	6.33	26.72	0.24	chr2	2p16.1	12	672	110.27	72.62
MAN1A1	34.55	145.77	0.24	chr6	6q22	62	1123	191.83	208.92
VWA5A	19.81	83.58	0.24	chr11	11q24.1	47	1040	98.98	72.61
BANF2	7.65	32.30	0.24	chr20	20p12.1	27	406	91.26	578.15
Hs.554803	4.94	20.87	0.24	chr1	N/A	1	304	0.00	58.05
OR5B12	32.38	136.76	0.24	chr11	11q12.1	5	52	113.24	47.80
KRT79	7.08	29.89	0.24	chr12	12q13.13	17	334	76.95	237.74
C4B	78.10	329.93	0.24	chr6	6p21.3	13	28	52.54	188.22
TMEM190	10.67	45.08	0.24	chr19	19q13.42	17	346	44.51	156.97
Hs.663193	3.48	14.70	0.24	chr1	N/A	1	304	0.00	53.84
Hs.745391	6.22	26.28	0.24	chr7	N/A	1	304	0.00	71.78
GAGE2C	15.29	64.67	0.24	chrX	Xp11.23	52	1432	141.80	419.19
ANKRD23	41.39	175.10	0.24	chr2	2q11.2	40	835	98.63	363.61
Hs.634751	7.83	33.12	0.24	chr17	N/A	1	304	0.00	125.59
C11orf93	9.43	39.91	0.24	chr11	11q23.1	18	405	107.69	69.93
Hs.133361	6.39	27.07	0.24	chr17	N/A	10	28	64.44	43.99
UGT8	16.76	70.97	0.24	chr4	4q26	51	603	107.70	269.07
Hs.673247	3.06	12.97	0.24	chr18	N/A	2	608	70.82	106.03
Hs.734931	10.65	45.09	0.24	chr5	N/A	1	304	0.00	50.87
NPNT	27.29	115.59	0.24	chr4	4q24	37	800	105.87	317.96
GULP1	15.47	65.55	0.24	chr2	2q32.3-q33	63	2237	112.58	126.03
RBP2	14.55	61.64	0.24	chr3	3q23	19	387	129.95	622.36
FXVD2	27.37	116.06	0.24	chr11	11q23	57	1121	75.01	431.64
TMEM97	31.04	131.65	0.24	chr17	17q11.2	61	1457	121.16	142.15
KCTD16	6.72	28.50	0.24	chr5	5q31.3	27	360	63.82	112.47
OR13F1	23.44	99.49	0.24	chr9	9q31.1	5	52	102.25	71.48
Hs.622241	7.22	30.67	0.24	chr11	N/A	1	304	0.00	102.20
Hs.386365	7.86	33.37	0.24	chr2	N/A	7	73	69.26	77.05
Hs.656634	26.32	111.75	0.24	chr2	N/A	5	420	56.35	457.41

CALML3	30.57	129.84	0.24	chr10	10p15.1	40	1037	93.38	338.57
Hs.459526	11.44	48.61	0.24	chr1	N/A	3	66	54.55	118.22
Hs.624845	8.20	34.83	0.24	chr2	N/A	15	450	81.20	158.71
RSPH1	17.63	74.90	0.24	chr21	21q22.3	26	465	100.95	183.49
EPS8L1	16.71	71.01	0.24	chr19	19q13.42	71	2355	87.46	231.75
TSHR	6.28	26.68	0.24	chr14	14q31	69	1932	71.07	504.13
Hs.667031	11.77	50.03	0.24	chr8	N/A	1	304	0.00	67.53
LRRC56	12.16	51.67	0.24	chr11	11p15.5	21	436	76.08	88.45
Hs.734927	13.62	57.93	0.24	chr21	N/A	5	420	93.25	72.67
Hs.662002	7.38	31.37	0.24	chr15	N/A	2	608	20.87	40.22
Hs.677127	11.85	50.41	0.24	chr15	N/A	1	304	0.00	144.20
Hs.710084	4.28	18.21	0.24	chr16	N/A	1	304	0.00	41.33
Hs.625122	7.07	30.09	0.23	chr9	N/A	10	28	50.78	50.65
CWH43	7.49	31.88	0.23	chr4	4p11	26	870	98.18	201.26
Hs.742364	4.55	19.36	0.23	chr1	N/A	10	28	32.60	89.15
KRT16	24.71	105.23	0.23	chr17	17q21.2	42	633	145.63	379.96
IFFO2	22.44	95.56	0.23	chr1	1p36.13	18	409	54.95	109.14
LGALS7B	11.99	51.07	0.23	chr19	19q13.2	10	32	86.81	103.30
Hs.655911	10.35	44.06	0.23	chr8	N/A	8	377	83.12	100.95
CLDN17	10.64	45.34	0.23	chr21	21q22.11	21	454	95.55	110.33
ROBO1	16.32	69.56	0.23	chr3	3p12	68	856	125.09	144.32
POTEB	7.16	30.51	0.23	chr15	N/A	36	84	84.53	169.29
Hs.593376	6.82	29.09	0.23	chr1	N/A	8	12	19.13	52.23
Hs.639379	5.63	24.01	0.23	chr2	N/A	11	332	92.72	60.32
HOXC8	5.88	25.08	0.23	chr12	12q13.3	31	483	68.82	70.20
LOC729461	8.73	37.23	0.23	chr22	22q11.261	14	332	39.60	374.47
Hs.570119	5.45	23.23	0.23	chr2	N/A	1	304	0.00	83.02
MS4A3	8.38	35.76	0.23	chr11	11q12.1	30	802	100.24	486.73
FXYD4	10.22	43.61	0.23	chr10	10q11.21	31	482	48.98	644.25
Hs.720618	8.35	35.61	0.23	chr5	N/A	10	28	81.11	118.16
ADH4	18.90	80.64	0.23	chr4	4q22	39	1446	97.93	532.94
BPIFB2	27.77	118.50	0.23	chr20	20q11.21	19	391	69.90	297.44
Hs.684475	5.55	23.71	0.23	chr2	N/A	11	332	98.35	48.04
Hs.666390	7.47	31.89	0.23	chrX	N/A	7	73	32.06	72.08
Hs.661911	4.93	21.05	0.23	chr21	N/A	7	73	64.42	81.32
TFAP2E	15.17	64.79	0.23	chr1	1p34.3	19	386	48.99	53.78
LOC100506797	12.62	53.90	0.23	chr2	N/A	8	377	94.85	99.18
ZNF514	19.80	84.58	0.23	chr2	2q11.1	32	412	92.87	59.02
Hs.664379	4.21	18.00	0.23	chr1	N/A	1	304	0.00	57.56
Hs.658344	11.41	48.75	0.23	chr17	N/A	4	370	113.73	45.63
Hs.123065	6.98	29.84	0.23	chr12	N/A	28	433	87.84	51.08
Hs.368784	8.64	36.92	0.23	chr10	N/A	6	326	59.64	40.40
Hs.668561	3.21	13.73	0.23	chr8	N/A	1	304	0.00	103.71
SLC4A11	10.85	46.39	0.23	chr20	20p12	37	801	89.79	96.77
Hs.662820	3.64	15.56	0.23	chr10	N/A	1	304	0.00	87.91
Hs.658266	4.37	18.68	0.23	chr2	N/A	7	73	37.54	88.32
Hs.655741	4.93	21.10	0.23	chr13	N/A	1	304	0.00	48.18
AIM2	14.98	64.11	0.23	chr1	1q22	35	622	93.19	159.33
Hs.663667	5.08	21.75	0.23	chr8	N/A	1	308	0.00	69.74
Hs.575480	4.01	17.18	0.23	chr7	N/A	2	22	12.77	126.93
KRT6C	11.51	49.26	0.23	chr12	12q13.13	28	118	72.25	176.43
RNU12	8.55	36.60	0.23	chr22	22q13.2	13	28	46.89	13.03
Hs.659823	26.89	115.16	0.23	chr15	N/A	8	377	115.62	70.45
Hs.148783	5.69	24.38	0.23	chr5	N/A	5	22	47.53	70.49
Hs.656218	9.30	39.84	0.23	chr12	N/A	8	377	73.52	151.59
ASS1	88.88	380.92	0.23	chr9	9q34.1	58	729	135.91	209.57
IGKC	218.56	936.96	0.23	chr2	2p12	214	6160	371.89	217.75
Hs.649121	2.95	12.63	0.23	chr19	N/A	1	304	0.00	84.74
Hs.446286	8.50	36.44	0.23	chr17	N/A	18	450	75.27	63.25
Hs.663098	4.72	20.22	0.23	chr7	N/A	5	420	39.36	55.74
OR7G2	14.72	63.12	0.23	chr19	19p13.2	8	52	139.51	74.11
ABHD3	17.12	73.45	0.23	chr18	18q11.2	29	569	82.26	74.55
F11R	41.49	178.08	0.23	chr1	1q21.2-q21.3	51	1594	119.84	135.75
Hs.665682	8.95	38.40	0.23	chr11	N/A	1	304	0.00	80.12
Hs.745087	25.21	108.25	0.23	chr1	N/A	12	67	46.31	45.65
DKFZp434L192	20.95	89.99	0.23	chr7	7p11.2	11	332	75.96	606.17
PRKCB	15.44	66.34	0.23	chr16	16p11.2	92	2555	125.82	170.40
Hs.729234	6.25	26.86	0.23	chr5	N/A	7	73	32.57	130.37
Hs.131289	2.97	12.75	0.23	chr7	N/A	2	22	12.23	77.68
Hs.666745	7.60	32.64	0.23	chr3	N/A	2	22	30.03	125.55
Hs.558816	4.06	17.45	0.23	chr18	N/A	2	22	96.88	85.45
Hs.656880	25.09	107.90	0.23	chr12	N/A	1	304	0.00	96.61
LOC283194	8.27	35.58	0.23	chr11	11q12.2	1	304	0.00	82.57
EPS8L2	12.87	55.32	0.23	chr11	11p15.5	36	1141	67.14	162.77
Hs.663934	8.59	36.92	0.23	chr1	N/A	1	304	0.00	149.31
Hs.231895	6.74	28.99	0.23	chr22	N/A	11	332	73.78	104.19
PNLIPRP1	15.87	68.29	0.23	chr10	10q25.3	45	1014	148.39	751.58
Hs.602551	7.25	31.20	0.23	chr1	N/A	10	28	32.22	64.96
Hs.567377	12.43	53.51	0.23	chr12	N/A	2	22	51.84	54.60
Hs.561034	7.64	32.89	0.23	chr21	N/A	4	304	43.46	49.50
Hs.445847	12.82	55.16	0.23	chr15	N/A	10	28	49.57	15.53
BTNL8	5.99	25.77	0.23	chr5	5q35.3	24	448	54.50	124.47
Hs.658696	15.51	66.77	0.23	chr3	N/A	8	377	50.15	81.25
CAPN14	8.33	35.88	0.23	chr2	2p23.1-p21	23	473	96.60	322.69
KIF20A	6.01	25.90	0.23	chr5	5q31	111	597	42.77	111.33
Hs.134801	6.64	28.60	0.23	chr5	N/A	10	73	33.88	507.60
C10orf82	13.72	59.15	0.23	chr10	10q25.3	36	486	90.95	269.91
KRT80	14.35	61.88	0.23	chr12	12q13.13	30	431	124.52	173.15
Hs.718619	7.79	33.59	0.23	chr8	N/A	1	304	0.00	31.92
Hs.649976	4.34	18.73	0.23	chr9	N/A	2	608	28.22	71.96
Hs.408453	5.76	24.83	0.23	chr11	N/A	10	139	39.47	581.38
RELL2	15.00	64.74	0.23	chr5	5q31.3	27	365	72.69	50.66
DKFZp434E1119	6.01	25.96	0.23	chr11	11q14.1	4	304	28.83	86.78

OSR2	19.04	82.22	0.23	chr8	8q22.2	40	544	85.96	165.05
BCL9L	22.81	98.60	0.23	chr11	11q23.3	21	637	113.69	54.58
SIRT7	21.79	94.19	0.23	chr17	17q25	28	554	57.36	65.53
Hs.561931	3.81	16.49	0.23	chr9	N/A	1	304	0.00	50.37
Hs.661961	11.72	50.68	0.23	chr6	N/A	5	420	50.95	87.23
Hs.664262	31.48	136.15	0.23	chr20	N/A	1	304	0.00	67.01
Hs.656597	5.49	23.76	0.23	chr6	N/A	8	377	39.16	63.04
Hs.372303	6.34	27.43	0.23	chr16	N/A	11	332	24.66	135.15
PILRB	57.27	247.68	0.23	chr7	7q22.1	45	847	90.47	101.39
Hs.735671	10.02	43.36	0.23	chr9	N/A	11	320	153.93	46.96
ODF3	9.10	39.38	0.23	chr11	11p15.5	24	763	61.09	158.74
Hs.661045	19.21	83.15	0.23	chr13	N/A	1	304	0.00	69.57
FAM107B	60.87	263.53	0.23	chr10	10p13	41	919	195.37	109.39
Hs.721176	4.00	17.32	0.23	chr18	N/A	7	73	33.73	96.79
RPL3	736.08	3,189.43	0.23	chr22	22q13	92	2398	89.81	53.76
HLA-DQA1	42.97	186.22	0.23	chr6	6p21.3	121	2181	118.98	273.45
Hs.584190	49.58	214.85	0.23	chr9	N/A	8	12	11.66	12.79
CPNE2	32.15	139.41	0.23	chr16	16q13	17	342	38.91	64.88
ARHGAP18	21.95	95.22	0.23	chr6	6q22.33	48	1244	60.91	116.55
Hs.148170	5.11	22.15	0.23	chr22	N/A	4	372	89.10	63.37
CLU	233.05	1,011.32	0.23	chr8	8p21-p12	50	1676	160.66	174.65
FLJ42627	20.22	87.73	0.23	chr16	16p13.3	29	957	105.54	107.27
UGCG	47.75	207.27	0.23	chr9	9q31	69	1587	141.51	114.71
Hs.675375	8.33	36.14	0.23	chr8	N/A	1	304	0.00	68.01
MREG	11.56	50.18	0.23	chr2	2q35	46	931	98.80	95.22
Hs.186424	7.24	31.43	0.23	chrX	N/A	7	73	111.88	390.42
SERPINA9	15.99	69.44	0.23	chr14	14q32.13	17	337	89.32	108.43
Hs.324978	3.97	17.26	0.23	chr19	N/A	3	912	98.07	103.72
Hs.375762	27.15	117.93	0.23	chr15	N/A	38	461	262.20	225.19
SERPINB11	10.67	46.33	0.23	chr18	N/A	22	385	86.39	250.72
Hs.742046	6.42	27.90	0.23	chr7	N/A	8	12	21.72	37.65
RACGAP1	16.45	71.48	0.23	chr12	12q13.12	34	493	62.68	123.85
OR6Q1	38.91	169.09	0.23	chr11	11q12.1	5	52	114.54	58.84
Hs.733624	15.50	67.39	0.23	chr12	N/A	7	73	51.80	221.89
OR2T11	45.30	196.99	0.23	chr1	1q44	8	52	79.27	55.73
EFHC1	17.62	76.60	0.23	chr6	6p12.3	61	1388	105.84	93.19
Hs.616599	11.48	49.94	0.23	chr15	N/A	7	73	49.88	53.89
PCAT4	13.92	60.56	0.23	chr4	4q21.1	29	782	265.38	324.72
Hs.143956	10.22	44.47	0.23	chr2	N/A	2	22	98.57	130.55
SLC35F2	18.72	81.48	0.23	chr11	11q22.3	34	483	86.60	89.22
Hs.734216	15.96	69.48	0.23	chr7	N/A	1	304	0.00	46.79
Hs.593277	14.94	65.05	0.23	chr19	N/A	8	377	89.25	41.08
TPO	23.09	100.52	0.23	chr2	2p25	33	565	66.47	519.98
AMPD1	20.95	91.23	0.23	chr1	1p13	30	568	130.14	365.08
Hs.611557	6.91	30.08	0.23	chr11	N/A	10	40	62.57	116.53
NR4A2	35.41	154.24	0.23	chr2	2q22-q23	45	1468	88.83	157.79
IGLC1	212.53	925.88	0.23	chr22	22q11.2	127	3705	247.50	242.77
RBFOX3	7.79	33.93	0.23	chr17	17q25.3	30	1086	79.67	104.08
TMEM255A	11.34	49.42	0.23	chrX	Xq24	31	525	86.26	188.21
CNFN	95.54	416.33	0.23	chr19	19q13.2	19	394	67.40	253.96
Hs.410998	8.18	35.66	0.23	chr17	N/A	8	377	66.04	73.57
Hs.720412	28.63	124.83	0.23	chr6	N/A	8	12	22.85	22.40
Hs.665646	12.12	52.85	0.23	chr14	N/A	8	377	55.25	43.38
PEG3	35.88	156.51	0.23	chr19	19q13.4	70	1536	107.32	253.38
METTL7A	77.24	336.94	0.23	chr12	12q13.12	66	1650	99.71	118.07
FAM183A	8.07	35.19	0.23	chr1	1p34.2	9	89	42.06	151.84
Hs.743542	10.04	43.81	0.23	chrX	N/A	8	12	10.37	35.74
Hs.666686	4.06	17.70	0.23	chr2	N/A	2	22	86.82	41.42
CYP3A4	17.82	77.76	0.23	chr7	7q21.1	57	2289	131.05	414.55
Hs.603077	22.01	96.08	0.23	chr7	N/A	7	73	42.24	157.91
ZBP2	8.80	38.43	0.23	chr17	17q12	25	385	140.76	390.43
TARP	21.04	91.89	0.23	chr7	7p15-p14	96	3335	86.73	345.38
Hs.680099	5.08	22.18	0.23	chr19	N/A	12	636	27.85	95.97
Hs.677228	9.13	39.91	0.23	chr12	N/A	11	332	78.58	45.81
Hs.368249	5.55	24.24	0.23	chr12	N/A	2	22	19.81	67.43
SAMD15	5.67	24.79	0.23	chr14	14q24.3	16	940	96.40	161.64
LOC100507602	9.61	42.01	0.23	chr5	N/A	12	636	57.44	82.17
Hs.658589	10.70	46.76	0.23	chr12	N/A	8	377	122.40	62.19
CERKL	10.53	46.02	0.23	chr2	2q31.3	38	675	89.56	185.52
ACTA2-AS1	6.43	28.12	0.23	chr10	10q23.31	11	332	95.12	53.09
Hs.661406	11.50	50.30	0.23	chr4	N/A	15	450	61.52	90.01
GALNT12	10.71	46.86	0.23	chr9	9q22.33	36	905	90.76	106.70
RGS22	8.18	35.77	0.23	chr8	8q22.2	23	458	52.56	221.81
ZAP70	9.00	39.41	0.23	chr2	2q12	135	1016	102.21	146.77
Hs.667568	6.19	27.09	0.23	chr9	N/A	1	304	0.00	93.17
SUCNR1	9.38	41.09	0.23	chr3	3q25.1	29	423	159.22	148.82
LOC100507373	5.96	26.11	0.23	chr19	N/A	5	51	69.98	435.54
TBC1D27	9.81	42.97	0.23	chr17	17p11.2	1	304	0.00	88.36
LOC157740	11.23	49.18	0.23	chr8	8p23.1	2	16	56.78	123.10
Hs.672849	8.54	37.42	0.23	chr3	N/A	1	304	0.00	67.91
GTF2I	80.86	354.09	0.23	chr7	7q11.23	111	1978	149.36	129.20
CT45A5	7.69	33.68	0.23	chrX	Xq26.3	22	28	50.44	84.75
Hs.634670	2.82	12.37	0.23	chr9	N/A	2	22	19.78	72.76
Hs.146759	4.04	17.71	0.23	chr19	N/A	2	22	4.00	65.36
UGT2B28	21.85	95.74	0.23	chr4	4q13.2	21	452	119.30	419.02
LOC100506473	9.82	43.01	0.23	chr2	N/A	11	332	99.02	41.82
Hs.666317	2.32	10.16	0.23	chr5	N/A	2	22	92.80	148.17
Hs.663061	16.33	71.57	0.23	chr1	N/A	5	420	113.17	87.49
RGAG4	10.24	44.89	0.23	chrX	Xq13.1	17	320	64.58	54.38
Hs.550808	9.15	40.10	0.23	chr1	N/A	11	377	70.89	113.18
Hs.613677	16.04	70.32	0.23	chr16	N/A	1	304	0.00	60.88
Hs.657711	7.20	31.57	0.23	chr1	N/A	8	377	52.19	59.06
Hs.24040	15.03	65.94	0.23	chr2	N/A	25	478	100.87	280.17

Hs.118101	18.30	80.29	0.23	chr14	N/A	1	304	0.00	143.70
Hs.729514	4.54	19.93	0.23	chr3	N/A	1	304	0.00	141.44
MYLK	121.38	532.65	0.23	chr3	3q21	61	1641	141.00	220.90
Hs.633338	61.25	268.80	0.23	chr7	N/A	8	377	78.16	67.01
Hs.702487	9.62	42.21	0.23	chr11	N/A	10	28	42.61	66.34
Hs.120170	18.56	81.46	0.23	chr12	N/A	17	101	153.75	109.27
LOC100132363	44.79	196.62	0.23	chr16	16p13.3	9	28	63.93	130.63
Hs.702884	5.27	23.13	0.23	chr4	N/A	7	73	98.55	70.96
Hs.673097	3.27	14.36	0.23	chr15	N/A	1	304	0.00	83.96
Hs.368451	5.14	22.57	0.23	chr1	N/A	3	326	40.44	52.95
Hs.612175	6.52	28.65	0.23	chr1	N/A	1	304	0.00	166.62
Hs.599563	212.51	933.41	0.23	chr11	N/A	7	73	50.83	130.20
PRSS16	12.69	55.75	0.23	chr6	6p21	37	641	76.97	300.03
DNTT	6.58	28.91	0.23	chr10	10q23-q24	28	1100	61.33	491.26
Hs.658771	8.35	36.70	0.23	chr4	N/A	7	73	55.46	71.96
NKPD1	9.11	40.05	0.23	chr19	19q13.32	29	457	60.02	62.98
Hs.664047	5.31	23.36	0.23	chr17	N/A	1	304	0.00	65.49
PGLYRP2	17.85	78.53	0.23	chr19	19p13.12	19	389	181.19	724.46
Hs.568230	6.53	28.73	0.23	chr1	N/A	8	395	46.46	68.91
COL17A1	12.38	54.45	0.23	chr10	10q24.3	57	742	123.81	258.29
MRAP2	12.06	53.06	0.23	chr6	6q14.2	35	485	100.55	124.24
Hs.715910	12.45	54.79	0.23	chr16	N/A	9	28	66.38	105.43
LOC100132005	6.18	27.19	0.23	chr6	6p21.2	11	332	26.91	96.42
RNASE2	18.82	82.84	0.23	chr14	14q24-q31	40	605	67.22	444.88
Hs.672096	6.06	26.69	0.23	chr11	N/A	1	304	0.00	72.54
Hs.523969	10.95	48.23	0.23	chr11	N/A	7	73	70.33	214.25
OR4E2	14.14	62.29	0.23	chr14	14q11.2	8	52	107.25	76.44
COX7B2	6.34	27.94	0.23	chr4	4p12	19	354	83.83	300.75
GFAP	47.61	209.69	0.23	chr17	17q21	58	1366	218.10	553.58
Hs.656736	5.91	26.03	0.23	chr1	N/A	8	377	25.89	63.23
C20orf201	8.97	39.52	0.23	chr20	20q13.33	17	334	82.65	86.08
FOLR1	96.86	426.79	0.23	chr11	11q13.3-q14.1	48	1067	281.88	149.58
C11orf35	10.18	44.88	0.23	chr11	11p15.5	17	334	101.53	62.56
Hs.170681	6.17	27.21	0.23	chr7	N/A	2	22	36.25	70.36
S100A8	261.57	1,153.74	0.23	chr1	1q21	35	997	129.84	264.76
Hs.146343	8.46	37.31	0.23	chr17	N/A	6	326	28.05	92.97
POLR1B	22.37	98.67	0.23	chr2	2q13	40	1407	147.68	124.39
Hs.623092	29.28	129.18	0.23	chrX	N/A	10	28	43.73	63.11
TMEM229A	9.54	42.10	0.23	chr7	7q31.32	15	44	50.33	108.40
Hs.668069	3.62	15.98	0.23	chr15	N/A	2	22	84.22	48.20
IGLV6-57	19.78	87.35	0.23	chr22	22q11.2	39	196	105.88	361.71
Hs.731711	8.81	38.89	0.23	chr9	N/A	1	304	0.00	83.79
Hs.663274	16.77	74.07	0.23	chr7	N/A	4	370	118.02	79.74
PPP3CA	52.07	230.17	0.23	chr4	4q24	87	1765	81.52	183.42
Hs.660628	2.90	12.81	0.23	chr16	N/A	1	304	0.00	74.80
Hs.147562	6.28	27.76	0.23	chr16	N/A	7	370	40.99	95.00
CCDC110	6.94	30.70	0.23	chr4	4q35.1	26	457	64.26	373.04
LOC221122	7.21	31.89	0.23	chr11	11p11.2	2	608	10.43	78.89
F12	25.35	112.31	0.23	chr5	5q33-qter	30	582	79.37	351.75
ITIH2	22.26	98.60	0.23	chr10	10p15	38	584	178.76	380.02
Hs.401745	14.07	62.36	0.23	chr8	N/A	9	681	81.93	91.13
Hs.662053	13.73	60.92	0.23	chr11	N/A	1	304	0.00	40.66
CGN	18.01	79.94	0.23	chr1	1q21	44	873	105.11	123.78
Hs.656825	13.81	61.26	0.23	chr21	N/A	1	304	0.00	102.63
LOC440028	3.42	15.18	0.23	chr11	11p15.4	1	304	0.00	86.20
Hs.542071	9.77	43.36	0.23	chr2	N/A	10	73	59.45	542.21
TRBV7-3	4.38	19.45	0.23	chr7	7q34	1	304	0.00	92.46
Hs.584976	6.81	30.25	0.23	chr15	N/A	3	66	75.61	59.53
Hs.132453	10.42	46.28	0.23	chr20	N/A	10	73	77.79	532.24
PGK2	9.26	41.09	0.23	chr6	6p12.3	24	448	117.89	353.37
Hs.595974	11.33	50.33	0.23	chr4	N/A	7	73	101.39	110.86
FCRL3	10.81	48.03	0.23	chr1	1q21-q22	39	782	111.57	265.17
Hs.117688	21.20	94.24	0.22	chr8	N/A	9	681	78.79	55.72
TFCP2L1	17.05	75.80	0.22	chr2	2q14	51	1364	132.62	291.09
PENK	29.09	129.37	0.22	chr8	8q23-q24	30	570	96.98	190.98
Hs.658431	14.57	64.80	0.22	chr14	N/A	8	377	90.68	110.90
Hs.563612	3.43	15.24	0.22	chr2	N/A	1	304	0.00	44.45
Hs.658377	4.39	19.53	0.22	chr19	N/A	1	304	0.00	57.79
TMLHE-AS1	2.82	12.56	0.22	chrX	N/A	1	304	0.00	72.48
LOC100289019	16.16	71.89	0.22	chr9	9q34.11	1	304	0.00	47.23
LXN	22.46	99.95	0.22	chr3	3q25.32	21	465	71.79	111.06
LOC100507384	2.74	12.19	0.22	chr11	N/A	1	304	0.00	232.54
Hs.700846	27.26	121.34	0.22	chr17	N/A	10	28	105.54	64.36
Hs.659551	3.24	14.44	0.22	chr3	N/A	2	22	2.58	67.49
CLPSL1	6.04	26.88	0.22	chr6	6p21.31	5	22	20.83	180.39
Hs.532326	11.27	50.18	0.22	chrX	N/A	18	405	96.55	59.14
Hs.661822	9.27	41.27	0.22	chr6	N/A	1	304	0.00	52.31
Hs.697110	13.26	59.05	0.22	chr16	N/A	10	28	119.79	88.30
Hs.281931	11.82	52.66	0.22	chr3	N/A	4	304	82.94	72.69
FAM118A	16.29	72.58	0.22	chr22	22q13	46	931	66.88	78.60
LUC7L3	72.43	322.69	0.22	chr17	17q21.33	80	1933	103.09	111.36
TRIM38	18.81	83.82	0.22	chr6	6p21.3	35	957	90.03	71.95
CYP4A22	8.73	38.89	0.22	chr1	1p33	5	425	45.18	369.41
LOC100131043	13.86	61.79	0.22	chr6	6p21.2	1	304	0.00	57.22
C16orf55	10.48	46.74	0.22	chr16	16q24.3	37	791	83.30	409.32
Hs.598634	53.16	237.07	0.22	chr8	N/A	7	73	109.94	87.28
Hs.664227	7.78	34.70	0.22	chr10	N/A	15	450	61.08	60.96
HPN	19.05	84.98	0.22	chr19	19q13.12	46	604	51.43	259.05
LOC100652999	6.03	26.90	0.22	chr12	N/A	11	332	36.32	90.68
NLRP13	5.09	22.71	0.22	chr19	19q13.43	14	344	43.85	65.31
Hs.667183	4.47	19.97	0.22	chr15	N/A	2	22	49.01	108.12
ADAM28	8.14	36.32	0.22	chr8	8p21.2	57	1739	59.74	168.95
DCD	32.62	145.59	0.22	chr12	12q13.1	19	384	216.01	523.16

KRT77	11.97	53.42	0.22	chr12	12q13.13	35	399	173.92	405.25
HOXC4	16.63	74.24	0.22	chr12	12q13.3	114	1834	105.07	188.29
Hs.668321	6.15	27.50	0.22	chr13	N/A	1	304	0.00	38.75
CFHR1	107.52	480.36	0.22	chr1	1q32	35	203	208.17	354.35
DPYS	12.72	56.85	0.22	chr8	8q22	35	550	101.75	340.00
Hs.656242	7.85	35.12	0.22	chr4	N/A	18	405	37.09	46.17
TOPAZ1	7.43	33.24	0.22	chr3	3p21.31	7	74	52.08	89.41
Hs.98330	7.80	34.91	0.22	chr16	N/A	8	377	58.79	182.23
Hs.296529	3.41	15.27	0.22	chr19	N/A	1	304	0.00	57.04
C11orf39	21.20	94.90	0.22	chr11	11q25	16	28	76.11	102.62
Hs.409321	3.04	13.62	0.22	chr6	N/A	2	22	82.42	45.33
C12orf77	1.89	8.45	0.22	chr12	12p12.1	1	305	0.00	81.61
SCRG1	39.18	175.46	0.22	chr4	4q34.1	30	574	97.60	184.29
Hs.696539	4.90	21.94	0.22	chr12	N/A	10	28	24.57	100.74
Hs.560433	6.69	29.97	0.22	chr16	N/A	1	304	0.00	79.33
LEF1	11.78	52.81	0.22	chr4	4q23-q25	46	1360	121.21	276.32
Hs.659421	3.56	15.98	0.22	chr2	N/A	3	66	12.58	196.33
HIATL2	18.34	82.23	0.22	chr9	9q22.33	1	304	0.00	40.77
C1orf186	13.85	62.16	0.22	chr1	1q32.1	21	405	70.34	55.04
HOXA5	19.09	85.67	0.22	chr7	7p15.2	28	554	74.86	131.56
CDX1	11.54	51.78	0.22	chr5	5q32	42	691	58.22	977.20
Hs.701243	45.81	205.69	0.22	chr1	N/A	5	420	60.74	55.32
Hs.205952	69.45	312.03	0.22	chr4	N/A	16	754	92.82	74.88
STAP1	7.98	35.85	0.22	chr4	4q13.2	32	833	109.69	481.61
G6PC	8.00	35.95	0.22	chr17	17q21	37	825	55.53	376.02
RUSC1-AS1	16.38	73.62	0.22	chr1	1q22	38	744	83.20	526.38
LOC729020	5.51	24.75	0.22	chr10	10q24.33	5	420	27.89	50.12
LOC285547	2.02	9.06	0.22	chr4	4p15.33	1	305	0.00	57.62
LOC100132249	6.36	28.60	0.22	chr9	9q13	2	608	55.97	104.68
MGST1	105.40	474.04	0.22	chr12	12p12.3-p12.1	57	1190	191.20	198.66
Hs.696579	8.49	38.17	0.22	chr2	N/A	1	304	0.00	95.16
LOC100133612	13.80	62.12	0.22	chr1	1p36.32	5	620	79.20	80.22
Hs.677109	18.82	84.75	0.22	chr14	N/A	1	304	0.00	39.76
TNFSF10	45.51	204.95	0.22	chr3	3q26	96	1881	93.13	157.86
Hs.655369	110.87	499.28	0.22	chr12	N/A	7	73	66.73	183.84
Hs.665392	2.68	12.06	0.22	chr11	N/A	1	304	0.00	103.29
Hs.710276	11.26	50.74	0.22	chr2	N/A	3	320	12.72	76.33
TMC5	10.51	47.37	0.22	chr16	16p12.3	39	1825	115.40	220.19
OR6S1	33.90	152.81	0.22	chr14	14q11.2	11	52	226.70	46.91
Hs.708728	12.80	57.68	0.22	chr14	N/A	10	28	14.96	49.97
SERP1	72.76	328.14	0.22	chr3	3q25.1	61	1569	108.15	97.89
Hs.636074	7.42	33.46	0.22	chr1	N/A	1	304	0.00	78.51
Hs.678621	8.35	37.68	0.22	chr6	N/A	1	304	0.00	90.24
LOC442075	6.85	30.92	0.22	chr3	3p25.3	11	335	61.25	53.23
Hs.666473	7.66	34.56	0.22	chr16	N/A	7	73	55.48	471.69
Hs.143610	13.96	63.06	0.22	chr9	N/A	7	370	68.88	332.70
Hs.431926	12.97	58.56	0.22	chr4	N/A	6	355	34.55	61.04
LOC389332	8.31	37.54	0.22	chr5	5q31.1	32	551	69.93	1,031.90
Hs.658894	12.19	55.08	0.22	chr2	N/A	8	377	97.08	61.80
S100A7A	7.72	34.87	0.22	chr1	1q21.3	18	636	88.24	264.60
Hs.539079	7.85	35.46	0.22	chr11	N/A	7	73	65.11	83.28
TMEM125	26.45	119.57	0.22	chr1	1p34.2	26	465	69.11	105.05
Hs.592544	23.89	108.04	0.22	chr16	N/A	21	360	156.81	106.09
Hs.730742	36.02	162.92	0.22	chr2	N/A	7	73	82.04	56.89
Hs.545418	17.88	80.93	0.22	chr8	N/A	12	498	74.21	126.93
Hs.674001	5.60	25.35	0.22	chr14	N/A	1	304	0.00	68.24
TUBA1C	542.95	2,459.84	0.22	chr12	12q13.12	56	964	103.67	92.35
Hs.733447	20.76	94.09	0.22	chr16	N/A	1	304	0.00	50.39
DNASE2B	7.14	32.38	0.22	chr1	1p22.3	41	604	59.79	341.65
Hs.551967	5.48	24.83	0.22	chr17	N/A	1	304	0.00	42.81
TRA2A	26.40	119.69	0.22	chr7	7p15.3	85	1590	116.22	121.67
Hs.625275	6.43	29.16	0.22	chr22	N/A	10	28	14.61	80.32
Hs.453857	2.50	11.33	0.22	chr8	N/A	1	304	0.00	70.12
Hs.652943	7.80	35.41	0.22	chr17	N/A	1	304	0.00	40.91
Hs.665136	7.33	33.25	0.22	chr2	N/A	1	304	0.00	49.06
FLJ46026	8.09	36.73	0.22	chr17	17q25.3	7	304	58.02	61.03
Hs.668098	17.67	80.28	0.22	chr7	N/A	2	22	70.14	57.56
Hs.733849	9.67	43.94	0.22	chr5	N/A	10	28	70.73	54.02
BTNL3	16.22	73.71	0.22	chr5	5q35.3	42	520	145.16	85.75
Hs.612325	8.80	40.02	0.22	chr2	N/A	5	420	26.10	59.36
CCDC64B	14.97	68.03	0.22	chr16	16p13.3	17	466	106.38	245.87
Hs.655503	4.09	18.60	0.22	chr6	N/A	7	73	38.00	81.48
BSPRY	17.50	79.58	0.22	chr9	9q32	50	1011	87.49	215.87
Hs.732424	11.45	52.06	0.22	chr1	N/A	7	73	70.38	136.73
NBPF12	12.47	56.72	0.22	chr1	1q21	19	304	66.60	54.68
Hs.744396	13.67	62.21	0.22	chr17	N/A	7	73	54.75	59.11
Hs.601345	13.19	60.02	0.22	chr21	N/A	7	73	105.81	204.11
LOC255654	3.38	15.39	0.22	chr1	1q44	1	304	0.00	98.32
CYP17A1	28.32	128.85	0.22	chr10	10q24.3	26	840	72.41	715.78
Hs.156646	7.11	32.36	0.22	chr8	N/A	7	73	124.43	331.01
Hs.570189	21.42	97.49	0.22	chr2	N/A	10	459	98.80	58.21
Hs.680101	3.74	17.05	0.22	chr14	N/A	1	304	0.00	66.64
SPATA8	18.86	85.87	0.22	chr15	15q26.2	19	392	44.72	328.38
LOC100506302	6.16	28.03	0.22	chr7	N/A	18	405	40.80	75.00
Hs.137274	7.95	36.23	0.22	chr19	N/A	8	377	97.91	105.85
Hs.634389	8.65	39.40	0.22	chr12	N/A	4	304	55.09	50.47
Hs.458306	6.45	29.38	0.22	chr3	N/A	2	22	62.05	95.95
LCPI	56.96	259.71	0.22	chr13	13q14.3	40	605	136.95	262.22
GRAMD1C	10.57	48.23	0.22	chr3	3q13.31	52	701	91.64	122.99
PKP3	20.09	91.67	0.22	chr11	11p15	41	990	97.79	183.85
AZU1	20.04	91.44	0.22	chr19	19p13.3	30	570	126.56	563.16
GPAM	53.52	244.19	0.22	chr10	10q25.2	39	789	139.07	287.61
Hs.660353	16.52	75.38	0.22	chr6	N/A	4	370	54.09	58.77

LHFPL3-AS2	7.39	33.76	0.22	chr7	N/A	23	382	51.37	85.78
Hs.655906	13.79	62.98	0.22	chr11	N/A	1	304	0.00	91.97
SCNN1A	23.20	105.96	0.22	chr12	12p13	48	1428	109.35	179.15
DBF4	8.43	38.51	0.22	chr7	7q21.3	131	738	85.13	217.97
Hs.661659	7.47	34.12	0.22	chr3	N/A	1	304	0.00	46.74
LOC100144597	4.96	22.67	0.22	chr20	N/A	2	608	16.63	94.25
LOC100506470	7.18	32.82	0.22	chr20	N/A	8	377	43.84	68.39
OR10R2	16.05	73.33	0.22	chr1	1q23.1	18	80	159.83	102.48
FHDC1	17.38	79.45	0.22	chr4	4q31.3	26	457	145.07	78.01
CCNG2	21.21	96.99	0.22	chr4	4q21.1	70	2117	70.25	113.91
RFX4	10.38	47.46	0.22	chr12	12q24	59	817	113.52	413.51
Hs.668369	6.71	30.71	0.22	chr11	N/A	7	73	76.58	99.69
AFM	9.45	43.25	0.22	chr4	4q13.3	30	571	98.92	331.45
SLC4A1	15.54	71.09	0.22	chr17	17q21.31	73	1088	129.02	468.34
Hs.538607	11.97	54.78	0.22	chr10	N/A	10	73	110.71	509.58
Hs.658833	7.64	35.01	0.22	chr1	N/A	10	28	40.32	42.08
ZBTB18	20.80	95.33	0.22	chr1	1q44-qter	53	1056	210.80	150.93
Hs.663918	13.78	63.20	0.22	chr8	N/A	8	399	96.22	94.97
CCDC62	14.69	67.38	0.22	chr12	12q24.31	41	537	159.85	233.15
Hs.658714	7.92	36.33	0.22	chr1	N/A	7	73	74.25	205.45
SNORA21	5.33	24.45	0.22	chr17	17q12	5	420	41.88	67.80
FSCN3	18.44	84.65	0.22	chr7	7q31.3	21	453	126.35	180.87
TFR2	13.40	61.52	0.22	chr7	7q22	55	1605	67.17	417.99
Hs.661278	9.29	42.64	0.22	chr2	N/A	8	377	144.84	72.23
RCAN3	13.29	61.07	0.22	chr1	1p35.3-p33	50	1245	76.53	182.14
Hs.666779	5.86	26.94	0.22	chr1	N/A	8	377	34.72	105.44
Hs.63187	11.56	53.09	0.22	chr19	N/A	11	332	166.12	88.17
GPR87	8.29	38.07	0.22	chr3	3q24	28	526	86.15	171.53
TRAF5	17.29	79.45	0.22	chr1	1q32	42	915	85.94	178.03
Hs.732317	4.95	22.76	0.22	chr15	N/A	1	304	0.00	64.09
CLDN2	9.11	41.88	0.22	chrX	Xq22.3-q23	24	412	83.83	197.06
PTMA	380.34	1,749.06	0.22	chr2	2q37.1	119	2077	114.34	86.52
Hs.132048	8.26	37.98	0.22	chr1	N/A	13	28	79.99	85.28
Hs.188491	8.82	40.55	0.22	chr9	N/A	17	101	67.82	88.44
CLCA1	13.07	60.12	0.22	chr1	1p22.3	28	545	112.65	384.99
Hs.667723	9.56	43.99	0.22	chr3	N/A	11	332	27.49	44.43
OR10D3	3.79	17.46	0.22	chr11	11q24.2	2	608	3.85	76.21
CSHL1	27.62	127.25	0.22	chr17	17q24.2	60	2278	135.40	585.56
B3GAT1	14.80	68.25	0.22	chr11	11q25	41	603	104.49	201.62
TBC1D5	20.66	95.38	0.22	chr3	3p24.3	77	1732	116.32	70.43
Hs.718842	7.50	34.64	0.22	chr7	N/A	1	304	0.00	67.84
Hs.568109	45.33	209.43	0.22	chr7	N/A	7	73	104.63	350.62
LOC100507303	57.27	264.67	0.22	chr16	N/A	18	405	47.84	85.40
Hs.599620	40.27	186.14	0.22	chr3	N/A	7	73	60.70	564.04
Hs.655482	60.19	278.20	0.22	chr4	N/A	8	377	160.67	70.20
Hs.648714	11.29	52.19	0.22	chr16	N/A	1	304	0.00	49.36
LOC729506	10.24	47.36	0.22	chr5	5p15.31	4	305	40.32	33.92
LOC100507364	8.39	38.82	0.22	chr9	N/A	3	326	53.64	43.41
Hs.582552	2.66	12.29	0.22	chr5	N/A	1	304	0.00	121.22
Hs.112482	9.29	43.02	0.22	chr11	N/A	14	332	101.57	55.07
Hs.744149	11.32	52.45	0.22	chr11	N/A	1	304	0.00	53.22
Hs.670533	5.18	23.99	0.22	chr10	N/A	5	429	88.79	87.63
Hs.656273	11.22	52.02	0.22	chr17	N/A	8	377	88.78	49.92
RTP3	6.35	29.46	0.22	chr3	3p21.3	20	692	78.46	212.67
Hs.710550	5.46	25.35	0.22	chr1	N/A	1	304	0.00	58.19
Hs.544283	2.88	13.36	0.22	chr5	N/A	2	22	5.60	87.20
Hs.661226	6.15	28.54	0.22	chr4	N/A	3	326	87.12	46.31
Hs.708477	9.27	43.06	0.22	chrX	N/A	8	377	30.51	81.55
C1orf127	8.27	38.41	0.22	chr1	1p36.22	17	339	53.95	105.39
Hs.574994	6.31	29.30	0.22	chr3	N/A	2	22	77.11	124.88
SCGB3A2	36.76	170.73	0.22	chr5	5q32	38	555	148.96	409.23
Hs.606212	6.43	29.85	0.22	chr7	N/A	1	304	0.00	118.57
FLJ13197	9.65	44.82	0.22	chr4	4p14	26	831	121.51	84.14
Hs.703146	6.46	30.03	0.22	chr6	N/A	5	420	31.34	99.96
Hs.719572	4.55	21.12	0.22	chr15	N/A	1	311	0.00	51.59
Hs.662133	22.24	103.37	0.22	chr17	N/A	1	304	0.00	58.02
UHRF2	40.63	188.94	0.22	chr9	9p24.1	52	701	109.13	90.84
PLA2G1B	31.34	145.75	0.22	chr12	12q23-q24.1	58	555	47.85	734.60
LOC100506047	4.50	20.93	0.21	chr2	N/A	8	377	51.26	60.72
Hs.662934	18.65	86.76	0.21	chr10	N/A	7	73	46.66	199.69
ZNF582	12.52	58.30	0.21	chr19	19q13.43	26	525	132.71	68.67
Hs.648437	5.60	26.11	0.21	chr4	N/A	1	304	0.00	52.77
Hs.648726	6.06	28.24	0.21	chrX	N/A	2	22	30.45	44.13
Hs.668902	7.39	34.44	0.21	chr10	N/A	1	304	0.00	43.01
Hs.694012	10.82	50.47	0.21	chr12	N/A	7	73	81.65	448.75
TMEM81	9.83	45.87	0.21	chr1	1q32.1	18	80	58.53	61.44
Hs.662476	4.72	22.04	0.21	chr8	N/A	7	73	68.01	124.95
Hs.130978	6.32	29.51	0.21	chr6	N/A	7	73	27.13	82.99
Hs.676087	5.25	24.52	0.21	chr17	N/A	1	304	0.00	98.36
Hs.547465	19.91	93.02	0.21	chr16	N/A	8	420	98.38	139.98
Hs.732608	8.69	40.62	0.21	chr2	N/A	8	377	42.62	81.72
PLAC8L1	8.19	38.28	0.21	chr5	5q32	11	377	51.32	76.96
Hs.269528	16.49	77.07	0.21	chr3	N/A	8	377	69.02	74.64
BP1FA3	12.37	57.82	0.21	chr20	20q11.21	25	354	96.12	151.71
Hs.662684	14.47	67.67	0.21	chr4	N/A	5	420	71.74	67.40
Hs.536958	6.22	29.08	0.21	chr9	N/A	11	332	89.17	43.42
PTPLAD1	63.95	299.09	0.21	chr15	15q22.2	76	1755	139.60	97.99
FGFR3	22.05	103.14	0.21	chr4	4p16.3	42	1056	104.26	201.94
EV12B	27.12	126.84	0.21	chr17	17q11.2	33	571	71.58	251.61
Hs.733949	9.67	45.23	0.21	chr19	N/A	2	608	6.36	65.02
Hs.662480	7.36	34.44	0.21	chr1	N/A	11	332	34.11	59.92
LRRRC37A3	9.39	43.98	0.21	chr17	17q24.1	22	714	99.56	53.54
LAPTMS	69.11	323.56	0.21	chr1	1p34	55	1053	170.75	142.89

CALCB	11.61	54.35	0.21	chr11	11p15.2-p15.1	26	538	65.04	286.42
Hs.650537	9.50	44.49	0.21	chr5	N/A	10	28	61.28	57.57
APOB	22.20	104.01	0.21	chr2	2p24-p23	82	1303	95.00	583.21
Hs.662780	9.16	42.92	0.21	chr20	N/A	15	450	33.86	76.89
FLJ40288	7.06	33.07	0.21	chr7	7q32.3	16	620	106.33	87.22
C14orf178	8.84	41.45	0.21	chr14	14q24.3	14	332	137.97	50.67
C1orf106	17.04	79.94	0.21	chr1	1q32.1	38	563	86.65	128.39
DIO1	11.41	53.50	0.21	chr1	1p33-p32	36	575	93.95	273.24
C4BPB	11.54	54.14	0.21	chr1	1q32	39	646	82.28	509.42
TDRG1	16.89	79.24	0.21	chr6	6p21.2	17	334	64.70	156.87
Hs.584560	15.30	71.83	0.21	chr11	N/A	2	39	20.14	77.85
Hs.601941	40.41	189.68	0.21	chr4	N/A	7	73	68.70	63.80
Hs.662980	2.43	11.41	0.21	chr7	N/A	1	304	0.00	137.69
Hs.593028	10.09	47.37	0.21	chr14	N/A	8	12	13.71	12.16
Hs.127116	7.34	34.45	0.21	chr17	N/A	4	304	49.01	96.28
ATL1	26.55	124.71	0.21	chr14	14q22.1	36	538	235.18	166.59
LOC100131829	14.81	69.58	0.21	chr4	4q23	14	146	86.89	846.99
Hs.602506	10.09	47.42	0.21	chr19	N/A	2	22	49.27	96.95
UBL4B	13.01	61.16	0.21	chr1	1p13.3	17	333	134.05	168.93
Hs.599715	38.58	181.41	0.21	chr11	N/A	7	73	61.80	129.71
SLC27A4	14.52	68.27	0.21	chr9	9q34.11	32	530	62.84	81.11
SPATA31D1	8.61	40.50	0.21	chr9	9q21.32	10	304	53.78	110.85
Hs.734320	5.75	27.05	0.21	chr4	N/A	2	22	27.67	43.79
LOC100505491	8.51	40.01	0.21	chr4	N/A	15	450	61.20	145.90
Hs.729285	13.32	62.68	0.21	chr1	N/A	4	304	30.38	49.85
VAMP1	24.14	113.61	0.21	chr12	12p	51	1459	170.40	249.18
Hs.18081	7.29	34.33	0.21	chr2	N/A	7	73	46.20	108.40
Hs.199671	10.89	51.29	0.21	chr2	N/A	1	304	0.00	64.56
Hs.602314	5.91	27.87	0.21	chr15	N/A	5	51	34.56	57.51
Hs.203594	5.92	27.88	0.21	chr16	N/A	1	304	0.00	100.96
LGALS9C	28.59	134.77	0.21	chr17	17p11.2	15	32	125.35	85.01
Hs.251412	8.96	42.26	0.21	chr19	N/A	1	304	0.00	72.90
LGALS8-AS1	7.93	37.42	0.21	chr1	1q43	10	332	108.27	44.74
Hs.658773	8.04	37.93	0.21	chr18	N/A	1	304	0.00	77.44
Hs.527860	11.58	54.63	0.21	chr12	N/A	13	797	69.28	91.84
LOC100130232	8.02	37.84	0.21	chr8	8q22.3	8	377	38.26	373.50
Hs.669667	14.13	66.71	0.21	chr8	N/A	1	304	0.00	49.39
Hs.658034	5.73	27.06	0.21	chr16	N/A	1	304	0.00	48.09
MUC5B	20.15	95.20	0.21	chr11	11p15.5	69	1258	123.22	521.03
Hs.327170	5.97	28.25	0.21	chr2	N/A	1	304	0.00	46.01
Hs.658839	9.32	44.06	0.21	chr14	N/A	10	393	71.05	50.33
Hs.661398	9.33	44.14	0.21	chr11	N/A	5	420	36.83	62.04
Hs.660409	19.66	93.06	0.21	chr13	N/A	6	366	102.29	67.30
ANAPC2	16.96	80.28	0.21	chr9	9q34.3	31	537	81.32	67.27
Hs.584836	21.66	102.60	0.21	chr13	N/A	14	146	116.89	1,070.00
HOXA10	8.90	42.16	0.21	chr7	7p15.2	106	2124	116.26	150.29
C17orf82	16.19	76.73	0.21	chr17	17q23.2	4	304	50.81	57.91
Hs.559662	4.43	20.99	0.21	chr1	N/A	7	73	79.82	89.66
Hs.669468	5.94	28.16	0.21	chr9	N/A	1	304	0.00	54.10
Hs.658695	2.61	12.40	0.21	chr3	N/A	1	304	0.00	60.05
NHLRC4	20.50	97.31	0.21	chr16	16p13.3	16	384	95.27	73.28
Hs.569396	9.84	46.72	0.21	chr14	N/A	5	22	65.36	230.26
Hs.741618	6.00	28.51	0.21	chr21	N/A	1	304	0.00	84.07
LOC145474	5.95	28.25	0.21	chr14	14q24.2	8	377	31.21	80.04
Hs.559734	9.35	44.44	0.21	chr1	N/A	21	219	64.44	937.08
Hs.666791	6.41	30.45	0.21	chr14	N/A	11	332	30.35	59.42
MAP2	13.02	61.91	0.21	chr2	2q34-q35	69	1244	100.44	243.91
SCUBE1	6.10	29.01	0.21	chr22	22q13	17	333	77.31	82.79
OR1N1	49.30	234.50	0.21	chr9	9q33.2	5	52	82.67	61.92
Hs.663414	3.60	17.15	0.21	chr21	N/A	1	304	0.00	58.58
Hs.586196	5.78	27.51	0.21	chr5	N/A	2	22	31.15	96.26
Hs.657069	12.10	57.62	0.21	chr7	N/A	8	377	66.34	55.61
DEFB106B	12.63	60.16	0.21	chr8	8p23.1	31	664	94.19	122.79
KCNJ16	16.12	76.85	0.21	chr17	17q24.3	32	838	112.93	421.65
C19orf59	28.89	137.77	0.21	chr19	19p13.2	23	464	38.44	400.79
C17orf67	9.12	43.49	0.21	chr17	17q22	29	422	59.70	76.81
Hs.674441	2.97	14.17	0.21	chr9	N/A	1	304	0.00	44.30
HSD3B2	17.74	84.69	0.21	chr1	1p13.1	23	504	78.14	660.98
Hs.132344	6.75	32.25	0.21	chr15	N/A	2	22	25.85	72.06
Hs.522019	8.51	40.64	0.21	chr9	N/A	8	377	46.22	78.21
FAM3B	24.48	117.01	0.21	chr21	21q22.3	29	467	128.51	189.44
CLDN10	27.54	131.67	0.21	chr13	13q31-q34	43	646	107.99	203.93
OR4M1	43.29	207.11	0.21	chr14	14q11.2	11	52	129.15	65.74
ANXA4	49.63	237.48	0.21	chr2	2p13	35	1008	98.73	122.57
RAB27A	22.50	107.66	0.21	chr15	15q15-q21.1	109	2667	112.41	129.46
TUBB2A	110.89	530.81	0.21	chr6	6p25	52	1098	85.12	221.53
Hs.660894	6.39	30.57	0.21	chr2	N/A	1	304	0.00	46.86
Hs.270711	6.42	30.77	0.21	chr18	N/A	1	304	0.00	66.13
Hs.670054	2.87	13.77	0.21	chr4	N/A	1	304	0.00	114.36
MMP3	9.35	44.78	0.21	chr11	11q22.3	23	492	87.55	651.27
VTCN1	8.19	39.26	0.21	chr1	1p13.1	28	527	128.50	229.90
Hs.734315	3.26	15.62	0.21	chr6	N/A	3	66	83.32	102.68
Hs.614171	6.07	29.10	0.21	chr16	N/A	1	304	0.00	101.28
GSDMA	42.58	204.19	0.21	chr17	17q21.1	21	82	214.86	81.36
Hs.570865	3.69	17.69	0.21	chr4	N/A	2	22	29.22	56.87
MYOSC	30.80	147.77	0.21	chr15	15q21	42	676	112.53	99.60
DNAJC1	49.31	236.62	0.21	chr10	10p12.31	39	1241	102.74	109.87
GPR37	15.49	74.37	0.21	chr7	7q31	33	524	102.45	308.87
SORL1	48.20	231.43	0.21	chr11	11q23.2-q24.2	74	1683	126.85	118.56
LOC100130916	14.25	68.41	0.21	chr9	9q22.33	10	28	38.00	125.39
Hs.435525	7.23	34.72	0.21	chr2	N/A	5	51	41.94	538.52
Hs.729545	3.00	14.41	0.21	chr2	N/A	1	304	0.00	52.68
NFKBIZ	85.83	412.49	0.21	chr3	3p12-q12	34	846	180.86	102.23

Hs.541813	4.63	22.26	0.21	chr2	N/A	7	73	84.91	81.96
Hs.664087	8.34	40.10	0.21	chr3	N/A	9	89	95.76	687.29
Hs.579266	9.08	43.65	0.21	chr17	N/A	20	56	140.27	163.13
Hs.391527	11.35	54.62	0.21	chr6	N/A	11	332	59.63	59.14
Hs.694901	23.64	113.77	0.21	chr10	N/A	17	101	166.39	109.22
Hs.677080	9.77	47.02	0.21	chr8	N/A	12	636	84.68	64.61
Hs.633225	4.96	23.89	0.21	chr4	N/A	1	304	0.00	46.89
Hs.438040	113.04	544.55	0.21	chr11	N/A	7	73	55.30	195.13
Hs.666463	12.17	58.61	0.21	chr21	N/A	1	304	0.00	91.52
Hs.560150	4.65	22.41	0.21	chrX	N/A	10	28	13.87	99.12
Hs.659570	9.31	44.90	0.21	chr6	N/A	8	377	51.07	229.28
Hs.706113	22.91	110.46	0.21	chr8	N/A	12	879	85.30	54.36
Hs.550780	4.15	20.03	0.21	chr1	N/A	1	304	0.00	57.47
BANK1	11.12	53.62	0.21	chr4	4q24	23	1061	45.14	178.62
Hs.444049	6.11	29.47	0.21	chr10	N/A	7	73	55.49	109.65
MARCKSL1	102.89	496.54	0.21	chr1	1p35.1	30	577	87.29	156.91
Hs.670752	2.89	13.93	0.21	chr3	N/A	1	304	0.00	105.14
Hs.660904	11.63	56.15	0.21	chr9	N/A	18	405	82.40	77.25
Hs.654707	4.25	20.51	0.21	chr10	N/A	19	709	74.06	78.13
SLC16A6	9.81	47.39	0.21	chr17	17q24.2	39	904	85.11	107.03
PRDM12	6.31	30.50	0.21	chr9	9q33-q34	23	476	67.98	99.80
OR52B2	27.47	132.74	0.21	chr11	11p15.4	18	80	174.51	90.64
Hs.703006	13.67	66.08	0.21	chr11	N/A	5	420	35.09	79.08
Hs.464217	9.86	47.68	0.21	chr17	N/A	9	681	35.12	66.11
Hs.526948	23.61	114.14	0.21	chr6	N/A	22	566	98.62	93.17
Hs.1987	5.93	28.67	0.21	chr2	N/A	7	73	53.23	148.93
Hs.21383	13.77	66.63	0.21	chr5	N/A	6	355	70.11	88.96
Hs.600025	7.11	34.40	0.21	chr14	N/A	15	450	50.97	264.92
Hs.697073	14.04	67.98	0.21	chr2	N/A	15	450	74.19	128.24
Hs.656861	6.21	30.06	0.21	chr9	N/A	7	73	53.09	91.39
SLC22A31	7.64	37.00	0.21	chr16	16q24.3	9	316	28.02	86.41
Hs.611732	24.73	119.88	0.21	chr7	N/A	15	87	76.81	384.49
LOC400043	20.17	97.81	0.21	chr12	12q13.13	8	377	71.36	95.60
DCDC2B	6.83	33.11	0.21	chr1	1p35.1	4	304	36.03	65.35
SCRN1	74.76	362.59	0.21	chr7	7p14.3-p14.1	30	560	69.52	151.20
Hs.659631	19.47	94.42	0.21	chr5	N/A	8	377	75.93	45.45
FAM205A	4.90	23.77	0.21	chr9	9p12	22	664	156.00	142.37
Hs.598843	6.18	30.00	0.21	chr12	N/A	1	304	0.00	42.45
RHOU	17.86	86.74	0.21	chr1	1q42.11-q42.3	28	742	41.29	105.44
Hs.603641	3.10	15.06	0.21	chr2	N/A	2	22	17.81	101.15
Hs.687325	10.63	51.66	0.21	chr1	N/A	8	377	75.93	58.47
Hs.637459	5.40	26.23	0.21	chr19	N/A	1	304	0.00	58.48
Hs.594840	14.37	69.86	0.21	chr17	N/A	8	377	107.85	51.44
ZNF160	41.59	202.18	0.21	chr19	19q13.42	88	2057	168.01	221.88
Hs.658060	18.42	89.57	0.21	chr12	N/A	1	304	0.00	70.61
Hs.666682	6.88	33.46	0.21	chr19	N/A	3	66	34.68	81.19
Hs.551917	6.08	29.55	0.21	chr12	N/A	8	377	50.16	69.78
Hs.122226	6.91	33.59	0.21	chr2	N/A	6	326	30.57	42.08
EHBP1	22.07	107.31	0.21	chr2	2p15	87	1413	114.78	140.08
Hs.664781	8.37	40.70	0.21	chr15	N/A	8	377	70.79	113.91
Hs.660512	31.89	155.16	0.21	chr1	N/A	7	73	84.22	578.34
LOC100507378	7.44	36.19	0.21	chr16	N/A	1	304	0.00	96.92
Hs.434220	5.87	28.56	0.21	chr22	N/A	1	304	0.00	61.87
NPB	14.19	69.12	0.21	chr17	17q25.3	17	344	77.30	131.14
Hs.671475	1.60	7.78	0.21	chr6	N/A	1	304	0.00	48.56
Hs.607279	16.95	82.67	0.21	chr11	N/A	5	420	82.74	59.71
Hs.661713	4.88	23.79	0.21	chr6	N/A	11	332	27.09	63.62
Hs.639402	4.01	19.58	0.20	chr20	N/A	1	304	0.00	51.38
MYL1	59.38	289.69	0.20	chr2	2q33-q34	43	654	298.46	388.43
Hs.131473	4.55	22.20	0.20	chr4	N/A	2	22	35.03	120.86
NPY	26.35	128.63	0.20	chr7	7p15.1	30	571	86.87	299.94
Hs.675510	7.02	34.30	0.20	chr2	N/A	22	664	21.98	132.46
KCNS2	11.63	56.77	0.20	chr8	8q22	26	1045	112.51	553.79
Hs.650614	2.73	13.33	0.20	chr1	N/A	1	304	0.00	49.81
Hs.663146	7.50	36.63	0.20	chr2	N/A	7	436	61.92	70.85
C19orf45	6.34	30.97	0.20	chr19	19p13.2	5	608	44.47	111.38
FXYD3	62.08	303.21	0.20	chr19	19q13.12	65	1216	170.06	196.79
NAPA-AS1	3.57	17.44	0.20	chr19	N/A	1	305	0.00	85.17
LOC100128262	4.84	23.68	0.20	chr3	3q29	11	332	141.02	43.35
LOC100133461	7.81	38.18	0.20	chr4	N/A	4	304	32.03	87.57
Hs.603632	14.81	72.45	0.20	chr18	N/A	2	22	53.32	51.23
OCR1	3.91	19.13	0.20	chr1	1q32.1	11	344	42.03	152.50
Hs.671679	3.50	17.13	0.20	chr1	N/A	3	320	19.33	79.30
SLC27A2	9.94	48.68	0.20	chr15	15q21.2	33	972	93.11	228.77
CA3	20.80	101.84	0.20	chr8	8q21.2	31	573	78.70	429.36
Hs.662328	7.35	35.99	0.20	chr21	N/A	2	608	34.81	587.38
Hs.662007	11.68	57.20	0.20	chr22	N/A	1	304	0.00	90.54
SNORA28	11.56	56.67	0.20	chr14	14q32.32	8	377	64.35	71.06
ABAT	23.02	112.93	0.20	chr16	16p13.2	63	1533	109.73	234.83
LOC100507535	6.46	31.72	0.20	chr19	N/A	1	304	0.00	56.37
Hs.732770	11.87	58.25	0.20	chr15	N/A	3	326	75.69	71.62
REG3G	10.50	51.55	0.20	chr2	2p12	24	406	78.65	672.16
Hs.713130	56.20	275.85	0.20	chr12	N/A	1	304	0.00	205.53
FAM167A	8.89	43.64	0.20	chr8	8p23-p22	34	836	99.17	137.47
Hs.662571	5.56	27.29	0.20	chr15	N/A	1	304	0.00	58.09
Hs.667491	1.03	5.05	0.20	chr14	N/A	1	304	0.00	81.15
Hs.559738	6.43	31.56	0.20	chr1	N/A	7	73	63.72	233.57
Hs.520524	13.22	64.93	0.20	chr6	N/A	10	28	86.84	60.11
Hs.645832	5.59	27.46	0.20	chr7	N/A	10	73	50.77	228.49
Hs.661449	7.33	36.03	0.20	chr18	N/A	1	304	0.00	76.70
Hs.661597	16.68	81.98	0.20	chr2	N/A	8	377	51.79	57.24
Hs.650206	4.98	24.47	0.20	chr17	N/A	1	304	0.00	70.97
LCE5A	335.55	1,650.05	0.20	chr1	1q21.3	16	28	145.97	39.82

STXBP2	11.45	56.32	0.20	chr19	19p13.3-p13.2	41	898	106.59	100.18
CHI3L1	15.23	74.95	0.20	chr1	1q32.1	43	1372	72.93	227.82
Hs.661346	5.53	27.25	0.20	chr6	N/A	1	304	0.00	206.23
Hs.602647	2.93	14.45	0.20	chr8	N/A	3	66	80.71	116.69
OR13C8	10.81	53.35	0.20	chr9	9q31.1	8	52	87.78	42.93
STMN2	72.98	360.07	0.20	chr8	8q21.13	48	1018	490.04	298.54
Hs.699543	31.12	153.56	0.20	chr8	N/A	1	304	0.00	51.75
AASDH	19.46	96.03	0.20	chr4	4q12	50	828	97.88	53.52
Hs.160264	3.91	19.31	0.20	chr15	N/A	1	304	0.00	92.19
Hs.673096	7.70	38.05	0.20	chr5	N/A	11	332	78.67	59.98
Hs.604061	3.39	16.73	0.20	chr6	N/A	2	22	21.45	73.03
Hs.732812	9.17	45.30	0.20	chr18	N/A	1	304	0.00	43.92
Hs.658624	11.44	56.57	0.20	chr16	N/A	1	304	0.00	70.26
Hs.660744	11.51	56.89	0.20	chr9	N/A	8	378	59.87	79.55
Hs.604099	3.62	17.92	0.20	chr22	N/A	2	22	27.91	79.17
Hs.734168	4.30	21.28	0.20	chr10	N/A	3	66	24.81	83.51
SPDYE1	9.66	47.80	0.20	chr7	7p13	70	435	82.18	91.11
LOC100996424	7.54	37.31	0.20	chr5	N/A	11	332	34.17	37.33
Hs.690165	18.17	89.92	0.20	chr16	N/A	5	420	112.67	69.11
HOXD8	12.30	60.88	0.20	chr2	2q31.1	25	481	92.29	90.53
Hs.597175	8.93	44.19	0.20	chr18	N/A	7	73	50.28	599.65
Hs.131846	2.58	12.79	0.20	chr11	N/A	1	304	0.00	46.36
Hs.579262	8.19	40.56	0.20	chr17	N/A	11	332	89.89	39.65
Hs.658476	7.20	35.72	0.20	chr17	N/A	1	304	0.00	49.34
Hs.97753	7.83	38.91	0.20	chr1	N/A	11	377	65.27	63.39
Hs.667499	5.99	29.77	0.20	chr5	N/A	8	377	41.07	96.38
STIM2	12.79	63.56	0.20	chr4	4p15.2	37	801	75.64	98.10
C16orf54	9.09	45.20	0.20	chr16	16p11.2	20	332	81.95	203.66
APOC2	31.40	156.12	0.20	chr19	19q13.2	34	1224	129.01	554.85
Hs.662619	14.08	70.03	0.20	chr2	N/A	8	377	75.90	58.42
C17orf104	5.95	29.62	0.20	chr17	17q21.31	31	1576	100.66	194.53
LOC100216545	5.51	27.44	0.20	chr7	7q22.3	1	314	0.00	56.10
Hs.538846	4.43	22.07	0.20	chr11	N/A	2	22	29.16	74.59
SPATA22	9.82	48.92	0.20	chr17	17p13.3	28	1071	62.74	569.76
LOC100996595	13.46	67.05	0.20	chr1	N/A	12	44	209.57	120.63
Hs.658258	6.34	31.61	0.20	chr5	N/A	7	73	61.76	84.25
SLC39A5	10.43	51.99	0.20	chr12	12q13.3	32	789	43.86	180.65
Hs.661622	7.99	39.87	0.20	chr19	N/A	11	332	26.94	60.17
Hs.636045	5.33	26.62	0.20	chr4	N/A	1	304	0.00	80.98
Hs.194761	3.94	19.69	0.20	chr16	N/A	7	461	52.20	111.99
CAPZA3	10.08	50.33	0.20	chr12	12p12.3	26	461	125.34	509.11
Hs.670769	3.45	17.22	0.20	chr6	N/A	1	304	0.00	52.75
Hs.371839	5.24	26.20	0.20	chr13	N/A	1	304	0.00	72.66
RAB17	15.05	75.20	0.20	chr2	2q37.3	28	534	111.93	116.97
Hs.659970	7.76	38.78	0.20	chr14	N/A	1	304	0.00	177.51
TMEM79	18.94	94.72	0.20	chr1	1q22	26	462	104.73	191.52
NFKBID	8.37	41.87	0.20	chr19	19q13.12	30	1119	62.56	85.81
SNX10	15.34	76.74	0.20	chr7	7p15.2	37	566	66.78	114.14
Hs.667323	3.54	17.70	0.20	chr15	N/A	2	22	10.33	86.17
Hs.635167	5.87	29.39	0.20	chr17	N/A	3	66	28.52	139.96
Hs.658944	6.41	32.13	0.20	chr15	N/A	17	487	84.47	60.33
Hs.451636	7.91	39.66	0.20	chr19	N/A	1	304	0.00	117.00
ALDH1A3	24.17	121.15	0.20	chr15	15q26.3	43	601	149.24	174.13
FOXN4	6.04	30.29	0.20	chr12	12q24.11	21	963	122.48	100.65
Hs.621746	27.93	140.05	0.20	chr1	N/A	8	12	19.18	8.46
Hs.715702	9.14	45.87	0.20	chr19	N/A	1	304	0.00	46.74
XAGE5	7.69	38.59	0.20	chrX	Xp11.22	20	102	102.96	128.11
LINC00657	255.23	1,281.01	0.20	chr20	20q11.23	10	416	264.30	80.48
DDX11-AS1	12.60	63.28	0.20	chr12	N/A	7	73	72.63	621.49
Hs.655822	7.93	39.81	0.20	chr17	N/A	1	304	0.00	72.70
CATSPER1	5.61	28.14	0.20	chr11	11q12.1	19	384	58.83	114.70
Hs.458593	7.39	37.14	0.20	chr15	N/A	3	320	70.88	46.95
TMC8	15.66	78.79	0.20	chr17	17q25.3	45	774	88.58	239.19
Hs.594886	5.79	29.15	0.20	chr9	N/A	6	355	29.08	95.84
AKAP4	13.28	66.86	0.20	chrX	Xp11.2	36	565	101.52	738.67
Hs.97967	11.43	57.58	0.20	chr8	N/A	7	73	121.80	707.39
Hs.655422	23.16	116.66	0.20	chr16	N/A	3	320	129.46	57.50
Hs.603193	7.48	37.71	0.20	chr4	N/A	7	73	68.56	136.18
EPX	11.22	56.59	0.20	chr17	17q23.1	23	492	104.16	248.51
LOC284801	9.40	47.47	0.20	chr20	20p11.1	29	782	89.20	207.28
Hs.684553	6.78	34.21	0.20	chr3	N/A	11	332	55.83	273.38
LOC728769	7.59	38.34	0.20	chr5	5q14.1	21	360	60.35	66.61
Hs.661618	7.13	36.00	0.20	chr22	N/A	1	304	0.00	93.67
Hs.661841	18.76	94.75	0.20	chr6	N/A	1	304	0.00	44.16
BIN2	8.89	44.94	0.20	chr12	12q13	28	537	72.11	172.20
LAMP3	11.95	60.42	0.20	chr3	3q26.3-q27	31	548	71.53	224.01
Hs.665558	8.73	44.14	0.20	chr14	N/A	1	304	0.00	37.29
LOC100132217	12.43	62.89	0.20	chr7	7q11.21	4	32	95.97	79.72
LCASL	12.36	62.54	0.20	chr21	21q22.2	30	507	107.60	312.92
Hs.667002	8.68	43.94	0.20	chr14	N/A	2	22	35.14	144.98
GKN1	9.13	46.22	0.20	chr2	2p13.3	28	532	52.51	1,108.45
TSTD1	73.54	372.26	0.20	chr1	1q23.3	11	332	64.78	83.09
Hs.572666	13.43	68.01	0.20	chr2	N/A	7	73	102.56	139.75
Hs.552985	6.84	34.66	0.20	chr19	N/A	14	146	115.21	605.33
CXCR4	60.91	308.91	0.20	chr2	2q21	64	1561	139.90	198.08
Hs.663585	2.91	14.78	0.20	chr3	N/A	1	304	0.00	66.77
Hs.438250	9.50	48.21	0.20	chr15	N/A	7	73	73.61	257.96
Hs.655425	15.33	77.81	0.20	chr18	N/A	11	332	37.14	94.35
Hs.659473	4.12	20.91	0.20	chr5	N/A	2	22	8.17	90.42
Hs.665855	6.53	33.15	0.20	chr1	N/A	3	326	24.72	140.20
Hs.174021	18.89	96.05	0.20	chr9	N/A	8	377	68.97	53.53
Hs.604167	4.50	22.91	0.20	chr3	N/A	2	22	54.01	74.86
STAC3	12.56	63.90	0.20	chr12	12q13.3	26	464	57.81	394.62

LDHC	19.49	99.22	0.20	chr11	11p15.1	44	582	77.24	469.73
SERPIND1	11.55	58.78	0.20	chr22	22q11.21	129	746	52.29	352.80
ORA12	30.00	152.71	0.20	chr7	7q22.1	63	2370	246.18	225.71
RDH16	10.23	52.07	0.20	chr12	12q13.3	30	570	52.12	342.99
Hs.407141	11.90	60.58	0.20	chrX	N/A	1	304	0.00	333.56
FLJ39632	10.77	54.85	0.20	chr14	14q11.2	14	674	67.02	144.46
Hs.733690	5.07	25.84	0.20	chr19	N/A	7	73	70.88	194.74
Hs.668483	4.61	23.51	0.20	chr3	N/A	1	304	0.00	70.39
C18orf63	7.20	36.77	0.20	chr18	18q22.3	13	73	57.43	179.40
Hs.655724	6.55	33.47	0.20	chr10	N/A	1	304	0.00	75.91
EMX2OS	7.31	37.35	0.20	chr10	10q26.1	33	857	57.23	124.82
CACNG6	17.84	91.31	0.20	chr19	19q13.4	26	693	173.79	103.69
Hs.580557	13.72	70.24	0.20	chr2	N/A	6	66	59.23	697.99
SPAG6	7.69	39.38	0.20	chr10	10p12.2	62	1165	75.26	256.82
Hs.610585	7.32	37.49	0.20	chr16	N/A	1	304	0.00	83.32
Hs.609168	9.62	49.28	0.20	chr9	N/A	1	304	0.00	52.34
Hs.668323	6.06	31.05	0.20	chr12	N/A	1	304	0.00	78.62
KLK6	21.49	110.22	0.19	chr19	19q13.3	33	572	104.43	190.64
Hs.471637	8.09	41.53	0.19	chr2	N/A	1	304	0.00	63.15
Hs.593315	4.82	24.75	0.19	chr11	N/A	1	304	0.00	83.28
Hs.677120	7.43	38.13	0.19	chr2	N/A	1	304	0.00	51.52
Hs.367953	4.90	25.13	0.19	chr1	N/A	7	73	56.32	129.16
SDR16C5	14.53	74.62	0.19	chr8	8q12.1	30	434	64.04	186.29
Hs.656128	4.59	23.58	0.19	chr8	N/A	2	608	43.23	66.23
DMRTC1	9.83	50.51	0.19	chrX	Xq13.2	25	664	60.88	135.90
Hs.645086	51.17	263.09	0.19	chr11	N/A	10	28	22.03	71.13
Hs.656891	8.44	43.40	0.19	chr2	N/A	6	355	38.99	77.72
MGC15885	5.25	27.01	0.19	chr15	15q22.2	14	332	86.20	47.22
Hs.547576	15.32	78.80	0.19	chr20	N/A	11	332	102.72	52.13
Hs.597961	10.86	55.94	0.19	chr6	N/A	11	332	89.78	93.92
C20orf197	15.85	81.74	0.19	chr20	20q13.33	27	363	63.57	641.17
TMEM235	4.69	24.17	0.19	chr17	17q25.3	1	305	0.00	166.41
C2orf82	9.09	46.94	0.19	chr2	2q37.1	15	636	43.27	261.61
Hs.655763	26.84	138.58	0.19	chr8	N/A	11	377	94.85	76.48
LOC340357	3.74	19.32	0.19	chr8	8p23.1	1	304	0.00	73.14
Hs.635629	5.18	26.77	0.19	chr12	N/A	1	304	0.00	69.77
LIPM	29.06	150.10	0.19	chr10	10q23.31	5	52	145.00	103.13
Hs.561688	2.12	10.94	0.19	chr7	N/A	1	304	0.00	48.89
Hs.112061	3.61	18.63	0.19	chrX	N/A	2	22	46.13	73.44
SPATA4	14.09	72.85	0.19	chr4	4q34.2	26	457	92.55	357.05
Hs.656238	4.09	21.15	0.19	chr11	N/A	1	304	0.00	54.76
BPI	11.26	58.30	0.19	chr20	20q11.23	40	601	124.25	440.30
Hs.461285	3.85	19.96	0.19	chr16	N/A	1	304	0.00	50.42
Hs.307690	2.66	13.80	0.19	chr10	N/A	2	22	82.96	91.40
HAO2	12.16	63.02	0.19	chr1	1p13.3-p13.1	31	530	138.45	198.45
DSCR10	8.61	44.61	0.19	chr21	21q22.13	20	658	107.18	97.81
Hs.608194	23.12	119.85	0.19	chr11	N/A	1	304	0.00	72.47
IL7R	31.66	164.24	0.19	chr5	5p13	45	1006	84.10	215.63
C2orf40	77.74	403.25	0.19	chr2	2q12.2	19	393	114.68	141.92
MMP8	12.00	62.27	0.19	chr11	11q22.3	27	796	65.69	459.20
Hs.597201	10.76	55.81	0.19	chr21	N/A	18	405	133.06	213.69
PAGE2	6.39	33.15	0.19	chrX	Xp11.21	16	94	72.23	271.26
TEX22	7.63	39.63	0.19	chr14	14q32.33	1	304	0.00	46.80
CYP4F3	9.19	47.74	0.19	chr19	19p13.2	45	1062	79.19	287.11
Hs.660369	22.49	116.99	0.19	chr13	N/A	1	304	0.00	71.69
KIF5A	18.79	97.86	0.19	chr12	12q13.13	70	1094	92.71	441.51
Hs.436626	6.05	31.52	0.19	chr11	N/A	1	304	0.00	114.32
Hs.660557	77.27	402.56	0.19	chr8	N/A	1	304	0.00	109.11
Hs.733100	6.24	32.51	0.19	chr2	N/A	1	304	0.00	72.16
Hs.665157	7.52	39.19	0.19	chr2	N/A	1	304	0.00	71.23
ZNF611	34.64	180.58	0.19	chr19	19q13.41	17	751	140.40	117.97
Hs.732051	20.70	107.96	0.19	chr19	N/A	5	420	140.34	76.34
Hs.517718	3.89	20.29	0.19	chr22	N/A	1	304	0.00	87.42
Hs.669866	6.42	33.50	0.19	chr5	N/A	1	304	0.00	61.43
Hs.665178	8.57	44.74	0.19	chr5	N/A	2	22	87.25	75.68
Hs.363386	7.20	37.56	0.19	chr6	N/A	11	332	27.79	91.96
Hs.149005	3.90	20.35	0.19	chr14	N/A	2	22	28.59	61.60
ZNF582-AS1	6.81	35.57	0.19	chr19	19q13.43	1	316	0.00	60.60
Hs.528203	3.56	18.61	0.19	chr3	N/A	3	66	73.90	105.99
Hs.656304	11.48	60.05	0.19	chr10	N/A	7	304	40.86	49.46
Hs.663980	4.22	22.09	0.19	chr10	N/A	3	320	117.76	41.00
DNER	29.97	156.82	0.19	chr2	2q36.3	38	590	130.19	287.28
MGC24103	18.14	94.94	0.19	chr9	9p22.3	14	336	134.04	127.92
Hs.657666	11.45	59.97	0.19	chr3	N/A	18	405	89.64	71.77
Hs.675708	12.23	64.09	0.19	chr21	N/A	1	304	0.00	90.52
ODF1	19.78	103.68	0.19	chr8	8q22.3	30	565	115.72	397.86
DSG1	13.35	69.97	0.19	chr18	18q12.1	37	638	98.92	321.19
MIAT	13.75	72.11	0.19	chr22	22q12.1	50	1515	141.24	174.85
Hs.694922	8.61	45.18	0.19	chr3	N/A	1	304	0.00	104.88
Hs.667078	8.34	43.80	0.19	chr5	N/A	2	22	36.52	125.05
Hs.672035	8.12	42.63	0.19	chr6	N/A	1	304	0.00	101.06
Hs.567934	14.88	78.23	0.19	chr19	N/A	1	304	0.00	103.00
Hs.610161	6.75	35.50	0.19	chr14	N/A	1	304	0.00	60.83
KLK7	18.16	95.54	0.19	chr19	19q13.41	37	880	82.49	227.17
LOC100996371	5.97	31.42	0.19	chr3	N/A	1	304	0.00	103.14
LOC100506791	4.49	23.64	0.19	chr5	N/A	8	377	47.72	58.00
BAZ1A	17.55	92.41	0.19	chr14	14q13.2	149	1354	97.53	117.49
Hs.666584	10.23	53.86	0.19	chr7	N/A	1	304	0.00	203.77
S100A12	34.45	181.55	0.19	chr1	1q21	30	577	74.23	432.62
Hs.657534	14.82	78.12	0.19	chr15	N/A	3	320	130.79	59.47
OR51B2	8.11	42.75	0.19	chr11	11p15	17	332	45.27	47.77
Hs.666552	12.58	66.33	0.19	chr1	N/A	7	73	54.35	673.88
AGAP7	39.40	207.82	0.19	chr10	10q11.23	18	500	83.51	58.63

MIR1244-1	165.13	870.99	0.19	chr2	N/A	5	420	93.21	56.74
SHISA2	8.56	45.20	0.19	chr13	13q12.13	24	360	71.78	150.09
Hs.662399	16.63	87.79	0.19	chr8	N/A	15	450	82.48	77.28
Hs.385522	1.98	10.47	0.19	chr18	N/A	1	304	0.00	55.56
Hs.134876	2.99	15.78	0.19	chr16	N/A	1	304	0.00	90.83
IYD	13.97	73.78	0.19	chr6	6q25.1	26	462	114.88	630.65
Hs.659253	3.16	16.70	0.19	chr4	N/A	3	66	26.81	91.79
CELA3A	28.23	149.24	0.19	chr1	1p36.12	31	987	102.16	649.74
RHOXF2	7.86	41.57	0.19	chrX	Xq24	27	68	55.47	135.72
PTPRF	35.54	188.05	0.19	chr1	1p34	61	1931	84.27	124.14
CD302	32.70	173.09	0.19	chr2	2q24.2	33	527	90.25	93.07
Hs.732636	12.71	67.32	0.19	chr8	N/A	7	73	84.48	73.44
Hs.702470	28.72	152.15	0.19	chr1	N/A	13	28	87.07	83.06
Hs.660733	27.44	145.40	0.19	chr1	N/A	5	420	87.55	68.13
Hs.550639	2.61	13.81	0.19	chr13	N/A	2	22	93.30	84.46
Hs.132266	3.33	17.64	0.19	chr8	N/A	2	22	33.94	82.36
Hs.633084	6.36	33.74	0.19	chr15	N/A	1	304	0.00	83.83
LOC100499194	6.58	34.92	0.19	chr2	2q14.1	15	450	44.50	223.09
Hs.624034	42.51	225.65	0.19	chr13	N/A	10	28	26.11	126.10
PODNL1	11.80	62.64	0.19	chr19	19p13.12	21	457	104.84	66.81
CNDP1	21.14	112.39	0.19	chr18	18q22.3	19	392	59.53	238.21
C1orf180	3.93	20.89	0.19	chr1	1p22.3	17	332	63.19	51.97
XAGE1A	7.88	41.94	0.19	chrX	Xp11.22	30	85	96.12	306.03
Hs.659967	6.49	34.54	0.19	chr11	N/A	1	304	0.00	66.71
LOC100129447	6.90	36.78	0.19	chr12	12q24.13	11	332	96.68	114.44
SPINT2	92.87	495.13	0.19	chr19	19q13.1	37	650	90.28	130.67
C1orf194	11.25	59.99	0.19	chr1	1p13.3	15	409	100.82	308.42
Hs.668351	12.92	68.93	0.19	chr18	N/A	1	304	0.00	76.25
Hs.665544	7.09	37.80	0.19	chr3	N/A	1	304	0.00	213.83
EMB	20.64	110.09	0.19	chr5	5q11.1	31	839	98.23	169.96
RAB39A	6.35	33.87	0.19	chr11	11q22.3	19	385	66.54	51.73
FRMD6	28.94	154.42	0.19	chr14	14q22.1	46	851	111.19	92.17
Hs.667610	2.71	14.50	0.19	chr16	N/A	2	22	3.65	74.21
GTSF1	22.42	119.89	0.19	chr12	12q13.13	16	389	163.11	367.34
Hs.708116	7.61	40.67	0.19	chr1	N/A	1	304	0.00	60.79
Hs.659130	7.56	40.45	0.19	chr10	N/A	14	532	71.79	80.83
PLEKHB1	23.25	124.45	0.19	chr11	11q13.5-q14.1	58	1382	122.89	421.82
Hs.726062	19.01	101.74	0.19	chr8	N/A	8	377	62.70	88.95
Hs.512309	9.09	48.65	0.19	chr17	N/A	9	66	90.38	529.39
BCL11B	9.42	50.45	0.19	chr14	14q32.2	53	1230	78.21	228.11
Hs.670477	12.35	66.19	0.19	chr4	N/A	11	332	58.94	77.18
NEB	31.49	168.73	0.19	chr2	2q22	37	1046	103.23	444.82
Hs.611718	7.48	40.16	0.19	chr7	N/A	1	304	0.00	64.75
Hs.444290	12.34	66.25	0.19	chr3	N/A	21	405	71.57	343.97
CA12	24.28	130.37	0.19	chr15	15q22	95	2855	168.53	208.22
Hs.164557	3.56	19.11	0.19	chr22	N/A	1	304	0.00	57.60
Hs.660779	30.99	166.50	0.19	chr15	N/A	1	304	0.00	39.98
Hs.307518	9.47	50.94	0.19	chr3	N/A	7	73	92.44	349.58
LECT2	6.82	36.69	0.19	chr5	5q31.1	23	496	51.77	350.97
TPPP3	31.35	168.66	0.19	chr16	16q22.1	31	534	101.90	153.62
Hs.659458	4.32	23.23	0.19	chr7	N/A	16	383	49.44	59.72
GBP7	5.96	32.07	0.19	chr1	1p22.2	16	32	77.33	168.42
LOC100127974	1.12	6.04	0.19	chr12	12p13.31	1	304	0.00	76.89
Hs.721332	5.68	30.58	0.19	chr12	N/A	1	304	0.00	84.15
BBOX1	11.76	63.33	0.19	chr11	11p14.2	30	573	137.85	249.15
Hs.660347	7.14	38.47	0.19	chr3	N/A	6	355	100.50	97.12
ALMS1	25.05	134.96	0.19	chr2	2p13	54	1526	165.57	145.98
GOLGA8G	11.87	64.00	0.19	chr15	15q13.1	14	420	62.87	91.92
Hs.604812	11.22	60.50	0.19	chr9	N/A	10	28	63.67	130.17
FLRT3	15.51	83.67	0.19	chr20	20p11	32	842	142.49	95.15
Hs.675355	1.69	9.10	0.19	chr2	N/A	1	304	0.00	66.77
TIMD4	7.04	38.01	0.19	chr5	5q33.3	24	412	83.52	214.77
Hs.661494	5.37	28.98	0.19	chr10	N/A	11	332	60.75	55.77
SH3BGR1	59.56	321.90	0.19	chrX	Xq13.3	43	1048	110.63	105.60
SFRP4	35.99	194.84	0.18	chr7	7p14.1	38	991	90.00	226.46
Hs.705718	24.74	134.08	0.18	chr6	N/A	7	445	129.48	77.51
Hs.687670	14.52	78.76	0.18	chr4	N/A	9	681	76.72	79.37
FA2H	12.25	66.46	0.18	chr16	16q23	29	842	91.12	181.78
LOC100507530	8.35	45.31	0.18	chr8	8p23.1	16	392	96.06	63.73
ROPN1L	14.34	77.85	0.18	chr5	5p15.2	37	793	93.53	580.89
LSR	16.63	90.34	0.18	chr19	19q13.12	34	555	66.56	95.80
TEX40	22.66	123.10	0.18	chr11	11q13.1	24	587	123.55	380.14
Hs.658076	20.20	109.81	0.18	chr15	N/A	1	304	0.00	64.19
SPATA32	17.52	95.42	0.18	chr17	17q21.31	18	636	122.49	178.11
Hs.656040	11.51	62.70	0.18	chr13	N/A	1	304	0.00	78.19
OR6K6	42.24	230.14	0.18	chr1	1q23.1	8	52	162.55	47.50
Hs.573465	9.00	49.06	0.18	chr5	N/A	10	73	68.88	568.01
Hs.547593	5.30	28.91	0.18	chr22	N/A	2	608	41.16	109.47
SORCS3-AS1	5.98	32.63	0.18	chr10	N/A	18	405	49.74	113.99
LOC402779	7.12	38.82	0.18	chr1	N/A	8	378	62.67	83.07
TMEM45A	35.55	194.03	0.18	chr3	3q12.2	38	603	88.89	294.67
NAT8	14.23	77.67	0.18	chr2	2p13.2	30	564	77.60	581.30
Hs.662837	5.71	31.18	0.18	chr15	N/A	7	73	58.02	73.51
DRC1	5.83	31.85	0.18	chr2	2p23.3	18	444	47.75	122.83
TEX38	7.16	39.16	0.18	chr1	1p33	13	354	106.36	343.99
PROM2	17.89	97.78	0.18	chr2	2q11.1	28	1066	68.44	122.56
DTX3L	32.12	175.65	0.18	chr3	3q21.1	36	488	143.32	74.52
Hs.733124	9.85	53.88	0.18	chr6	N/A	12	493	55.50	85.84
TPTE	9.69	53.02	0.18	chr21	21p11	41	562	85.49	463.12
PITPNM3	6.59	36.08	0.18	chr17	17p13	29	831	111.97	291.49
Hs.658711	6.96	38.12	0.18	chr8	N/A	1	304	0.00	64.02
Hs.388202	5.31	29.08	0.18	chr2	N/A	3	66	51.91	115.76
C11orf92	92.83	508.44	0.18	chr11	11q23.1	15	636	306.05	111.12

FOLH1	16.00	87.70	0.18	chr11	11p11.2	65	1942	115.98	414.66
OR4F6	12.48	68.45	0.18	chr15	15q26.3	8	52	111.88	54.19
Hs.644654	166.49	912.95	0.18	chr2	N/A	7	73	78.56	153.88
Hs.734579	30.22	165.84	0.18	chr15	N/A	8	12	18.00	58.14
Hs.597332	46.20	253.55	0.18	chr6	N/A	10	28	28.25	89.25
IVL	20.22	111.00	0.18	chr1	1q21	30	566	102.25	269.68
Hs.131365	13.89	76.26	0.18	chr11	N/A	4	304	80.48	41.91
TNS4	12.08	66.43	0.18	chr17	17q21.2	29	834	61.13	150.63
OPALIN	11.17	61.46	0.18	chr10	10q23-q24	39	489	99.19	177.56
FAM83D	24.49	134.69	0.18	chr20	20q11.22-q12	26	469	155.00	142.51
Hs.132620	2.83	15.59	0.18	chr2	N/A	2	22	11.86	76.65
Hs.611098	12.27	67.55	0.18	chr6	N/A	11	332	41.65	60.00
ALCAM	32.73	180.33	0.18	chr3	3q13.1	46	1329	165.38	158.74
Hs.668280	3.95	21.79	0.18	chr13	N/A	1	304	0.00	72.97
OR4K14	31.76	175.17	0.18	chr14	14q11.2	8	52	124.16	54.22
LOC646014	14.51	80.03	0.18	chr17	17q24.1	1	304	0.00	60.93
Hs.598045	7.01	38.74	0.18	chr20	N/A	7	73	55.93	162.76
SLC26A2	26.63	147.19	0.18	chr5	5q31-q34	59	1358	141.42	127.59
Hs.536218	46.84	258.97	0.18	chr11	N/A	21	405	143.63	101.71
TNNI2	48.10	265.93	0.18	chr11	11p15.5	30	577	146.26	380.37
Hs.554395	5.90	32.65	0.18	chr11	N/A	20	56	32.61	185.32
SST	14.85	82.19	0.18	chr3	3q28	32	608	90.19	199.29
Hs.655961	10.17	56.29	0.18	chr15	N/A	8	377	62.75	49.51
ADAD1	17.73	98.19	0.18	chr4	4q27	27	761	72.76	499.02
Hs.681176	7.00	38.76	0.18	chr9	N/A	1	304	0.00	87.07
NEK8	15.78	87.41	0.18	chr17	17q11.1	28	666	79.64	64.28
DYNAP	5.76	31.93	0.18	chr18	18q21.2	18	80	139.29	170.33
EPHX1	89.15	494.28	0.18	chr1	1q42.1	35	640	147.53	128.07
AMPD2	27.37	151.80	0.18	chr1	1p13.3	34	546	87.84	92.87
HULC	9.61	53.28	0.18	chr6	6p24.3	3	66	41.78	415.35
Hs.663159	16.12	89.41	0.18	chr9	N/A	1	304	0.00	71.39
PAQR8	20.49	113.79	0.18	chr6	6p12.1	45	830	80.93	160.03
Hs.661465	7.65	42.50	0.18	chr12	N/A	8	377	65.30	47.29
LYZL4	9.92	55.09	0.18	chr3	3p22.1	26	458	121.64	131.74
PAN3	25.61	142.26	0.18	chr13	13q12.2	60	747	135.58	115.58
PRKCQ-AS1	7.54	41.88	0.18	chr10	10p14	17	705	43.55	687.66
ABHD14B	31.19	173.29	0.18	chr3	3p21.2	36	496	157.32	86.97
OR5T2	15.09	83.86	0.18	chr11	11q12.1	20	80	68.83	98.44
ALDH8A1	11.12	61.85	0.18	chr6	6q23.2	44	563	83.99	384.77
Hs.662054	30.14	167.67	0.18	chr2	N/A	3	326	157.14	60.53
Hs.660479	19.31	107.48	0.18	chr12	N/A	1	304	0.00	42.55
Hs.569458	8.33	46.38	0.18	chr15	N/A	19	709	71.61	103.47
Hs.716034	8.84	49.23	0.18	chr2	N/A	1	304	0.00	50.26
Hs.635003	3.39	18.89	0.18	chr1	N/A	2	22	5.84	63.58
Hs.722290	28.59	159.29	0.18	chr11	N/A	8	12	19.07	12.96
Hs.669007	9.14	50.93	0.18	chr2	N/A	1	304	0.00	37.51
KRT23	16.93	94.34	0.18	chr17	17q21.2	31	529	78.37	199.81
Hs.716834	9.53	53.14	0.18	chr16	N/A	8	377	70.36	49.22
Hs.308597	2.55	14.22	0.18	chr17	N/A	1	304	0.00	62.36
LCE1E	16.19	90.27	0.18	chr1	1q21.3	21	644	179.57	45.55
Hs.602820	3.77	21.00	0.18	chr5	N/A	2	22	6.07	64.89
Hs.436029	27.04	150.81	0.18	chr6	N/A	4	304	36.68	71.97
Hs.729282	5.68	31.70	0.18	chr14	N/A	2	608	49.99	79.49
Hs.458124	5.19	28.99	0.18	chr9	N/A	1	304	0.00	40.07
Hs.732473	8.73	48.77	0.18	chr1	N/A	8	377	57.38	164.93
MALT1	27.20	151.95	0.18	chr18	18q21	81	1743	140.64	496.24
PECR	31.62	176.68	0.18	chr2	2q35	22	769	108.94	124.00
HSP90AA2	12.99	72.57	0.18	chr11	11p14.1	8	64	81.88	114.41
Hs.689950	4.29	23.96	0.18	chr13	N/A	1	304	0.00	74.60
SAPCD2	14.68	82.05	0.18	chr9	9q34.3	26	458	79.04	97.74
Hs.131417	3.97	22.20	0.18	chr9	N/A	2	22	31.43	94.92
Hs.659954	8.69	48.63	0.18	chr5	N/A	7	73	38.60	223.36
Hs.663607	5.46	30.54	0.18	chr1	N/A	1	304	0.00	93.20
Hs.569426	3.82	21.39	0.18	chr15	N/A	1	304	0.00	50.48
Hs.112948	2.57	14.38	0.18	chr6	N/A	2	22	21.36	92.57
Hs.732162	21.34	119.62	0.18	chr18	N/A	8	377	150.28	92.30
CCL28	16.89	94.69	0.18	chr5	5p12	27	721	109.00	320.32
NMU	11.29	63.37	0.18	chr4	4q12	30	562	89.99	243.27
Hs.104972	11.98	67.23	0.18	chr2	N/A	3	66	107.90	101.86
PNPLA3	7.70	43.30	0.18	chr22	22q13.31	22	764	50.31	242.88
Hs.597071	2.96	16.63	0.18	chr8	N/A	2	22	82.18	72.36
Hs.662623	15.30	86.02	0.18	chr19	N/A	8	377	109.35	76.04
CFHR4	7.14	40.17	0.18	chr1	1q32	23	500	53.38	473.77
NELL1	13.55	76.25	0.18	chr11	11p15.1	36	933	100.91	480.45
LOC100506631	6.79	38.22	0.18	chr6	N/A	4	304	16.81	50.13
Hs.657584	5.19	29.23	0.18	chr3	N/A	7	73	52.98	477.21
ACTL10	5.38	30.29	0.18	chr20	20q11.22	6	356	101.98	115.87
Hs.656714	5.19	29.30	0.18	chr6	N/A	7	73	70.92	185.23
FTX	78.62	443.70	0.18	chrX	Xq13.2	5	610	146.34	61.81
Hs.602197	7.15	40.36	0.18	chr3	N/A	7	73	62.12	525.51
Hs.569757	3.69	20.90	0.18	chr17	N/A	8	12	39.46	71.63
HOXC11	15.42	87.34	0.18	chr12	12q13.3	23	493	98.54	490.54
LRR36	5.93	33.61	0.18	chr16	16q22.1	28	525	34.47	159.94
Hs.168677	3.71	21.02	0.18	chr1	N/A	1	304	0.00	56.54
PRDM1	12.28	69.65	0.18	chr6	6q21	33	801	103.44	103.91
Hs.745357	0.87	4.96	0.18	chr8	N/A	1	304	0.00	57.36
Hs.658154	8.86	50.25	0.18	chrX	N/A	8	377	60.25	45.40
Hs.598015	59.31	336.98	0.18	chr1	N/A	17	101	163.73	138.73
Hs.196849	3.29	18.70	0.18	chr7	N/A	4	304	27.83	87.32
OR14K1	7.86	44.71	0.18	chr1	1q44	8	52	61.91	77.88
Hs.608694	22.80	129.81	0.18	chr5	N/A	1	304	0.00	74.79
Hs.691305	3.75	21.33	0.18	chr1	N/A	1	304	0.00	78.98
KLK10	12.89	73.44	0.18	chr19	19q13	45	1017	129.89	269.04

Hs.444721	4.20	23.91	0.18	chr20	N/A	1	304	0.00	74.95
SPATA19	7.38	42.05	0.18	chr11	11q25	17	332	66.74	219.58
GJB1	13.96	79.58	0.18	chrX	Xq13.1	40	605	91.09	123.88
Hs.170081	3.31	18.83	0.18	chr6	N/A	2	22	72.35	68.07
Hs.677186	5.90	33.66	0.18	chr18	N/A	1	304	0.00	64.46
ZNF445	9.95	56.72	0.18	chr3	3p21.32	54	930	125.41	75.41
CLDN7	20.49	116.95	0.18	chr17	N/A	30	561	53.92	144.46
GRHL2	9.83	56.15	0.18	chr8	8q22.3	52	695	104.85	127.69
Hs.610242	3.89	22.24	0.18	chr9	N/A	5	425	25.46	82.37
OR1L1	34.50	197.16	0.18	chr9	9q33.2	8	52	148.85	71.72
WASF2	48.44	276.93	0.17	chr1	1p36.11	48	973	110.06	85.69
SLFN5	15.67	89.61	0.17	chr17	17q12	53	1668	158.65	195.40
Hs.592777	8.50	48.64	0.17	chr18	N/A	11	332	52.10	85.73
Hs.599737	41.70	238.54	0.17	chr3	N/A	7	73	46.18	343.58
Hs.634674	10.70	61.22	0.17	chr11	N/A	8	377	128.04	118.18
ANPEP	14.19	81.19	0.17	chr15	15q25-q26	40	1187	80.04	308.11
Hs.609188	14.74	84.42	0.17	chr12	N/A	1	304	0.00	69.95
SLC2A1-AS1	7.47	42.83	0.17	chr1	1p34.2	1	304	0.00	75.35
ZBED2	8.53	48.93	0.17	chr3	3q13.2	23	475	77.94	183.84
DEFA3	41.39	237.60	0.17	chr8	8p23.1	13	40	52.10	145.82
LOC90834	9.66	55.45	0.17	chr22	22q13.33	11	332	131.16	52.61
Hs.608057	1.05	6.03	0.17	chrX	N/A	1	304	0.00	100.08
Hs.656964	7.80	44.83	0.17	chr2	N/A	8	377	61.27	79.87
LINC00638	7.75	44.57	0.17	chr14	14q32.33	11	332	38.57	40.35
Hs.645845	4.73	27.23	0.17	chr2	N/A	1	304	0.00	89.73
IL17C	14.16	81.54	0.17	chr16	16q24	17	334	114.68	115.11
Hs.733942	11.15	64.21	0.17	chr5	N/A	5	420	25.10	170.51
Hs.733102	18.66	107.49	0.17	chr3	N/A	1	304	0.00	44.73
Hs.648629	7.70	44.38	0.17	chr16	N/A	7	73	55.90	280.62
OPHN1	101.29	583.74	0.17	chrX	Xq12	39	664	290.15	136.41
Hs.658665	12.02	69.36	0.17	chr8	N/A	6	355	58.65	50.85
RGS1	21.47	124.01	0.17	chr1	1q31	37	1411	123.83	242.24
SPATA31A7	11.03	63.69	0.17	chr9	9q12	17	12	45.44	70.15
Hs.659670	7.87	45.47	0.17	chr3	N/A	1	304	0.00	104.63
Hs.710002	9.71	56.10	0.17	chr5	N/A	8	377	95.68	139.45
Hs.231852	10.20	58.91	0.17	chr3	N/A	6	355	56.94	114.15
Hs.741499	9.12	52.71	0.17	chr3	N/A	13	94	82.99	96.45
CABYR	14.37	83.10	0.17	chr18	18q11.2	38	845	133.22	412.12
TMEM213	5.96	34.46	0.17	chr7	7q34	14	332	41.23	206.88
FBXO16	12.27	70.96	0.17	chr8	8p21.1	24	773	72.51	100.00
C1orf116	11.30	65.40	0.17	chr1	1q32.1	60	1357	63.04	172.39
Hs.657298	3.26	18.88	0.17	chr15	N/A	2	32	9.73	96.72
CMBL	136.90	793.75	0.17	chr5	5p15.2	42	1178	204.21	159.35
PFN2	79.54	461.15	0.17	chr3	3q25.1	38	571	150.93	100.50
LOC286149	9.27	53.77	0.17	chr8	8q22.1	13	366	209.57	61.44
Hs.506435	4.87	28.27	0.17	chr12	N/A	19	566	65.73	260.82
GOLM1	18.46	107.12	0.17	chr9	9q21.33	49	886	151.16	239.03
Hs.607917	15.72	91.23	0.17	chrX	N/A	1	304	0.00	44.21
GPM6A	15.99	92.93	0.17	chr4	4q34	52	1324	131.14	238.29
Hs.659217	7.22	41.98	0.17	chr14	N/A	1	304	0.00	41.19
LOC100507540	7.88	45.82	0.17	chr9	N/A	8	377	77.72	51.55
SHCBP1L	7.01	40.73	0.17	chr1	1q25.3	28	526	80.10	354.66
Hs.670807	5.32	30.94	0.17	chr16	N/A	1	304	0.00	99.25
LAMP5	10.20	59.28	0.17	chr20	20p12	28	538	50.71	161.68
Hs.672118	6.28	36.57	0.17	chr15	N/A	1	304	0.00	47.03
Hs.516739	5.86	34.10	0.17	chr2	N/A	14	332	93.60	57.98
ERBB3	18.01	104.92	0.17	chr12	12q13	95	2396	95.86	166.70
Hs.673409	8.84	51.48	0.17	chr6	N/A	1	304	0.00	56.81
Hs.562419	2.47	14.40	0.17	chr12	N/A	2	22	110.15	92.73
Hs.585593	5.72	33.36	0.17	chr12	N/A	1	304	0.00	35.57
Hs.643344	37.46	218.92	0.17	chr2	N/A	5	420	56.89	118.81
OVOL1	10.51	61.44	0.17	chr11	11q13	44	898	103.15	168.04
Hs.635007	7.91	46.23	0.17	chr17	N/A	2	22	43.75	76.39
ELF3	24.53	143.46	0.17	chr1	1q32.2	55	1497	122.70	227.63
PRR11	123.28	721.26	0.17	chr17	17q22	53	1255	200.45	125.34
FATE1	8.80	51.49	0.17	chrX	Xq28	24	405	74.07	287.24
LCE3D	35.65	208.72	0.17	chr1	1q21	19	386	190.89	208.61
Hs.603364	6.88	40.33	0.17	chr22	N/A	2	22	28.71	85.13
Hs.672794	5.15	30.16	0.17	chr19	N/A	5	420	24.37	59.62
Hs.603008	6.26	36.71	0.17	chr2	N/A	11	332	25.89	89.78
AADAC	14.06	82.49	0.17	chr3	3q25.1	30	573	110.04	320.39
Hs.661793	11.66	68.43	0.17	chr13	N/A	5	420	83.66	63.41
Hs.389855	5.16	30.28	0.17	chr2	N/A	11	332	125.32	83.35
Hs.584353	4.87	28.63	0.17	chr9	N/A	2	22	43.46	50.68
Hs.667269	8.79	51.77	0.17	chr20	N/A	8	377	41.51	111.23
Hs.408790	6.58	38.76	0.17	chr21	N/A	1	304	0.00	46.61
DDX25	7.49	44.14	0.17	chr11	11q24	26	480	75.72	247.20
Hs.664619	17.53	103.33	0.17	chr17	N/A	3	66	65.71	666.35
EOMES	10.87	64.08	0.17	chr3	3p24.1	19	386	88.55	174.10
Hs.662065	10.71	63.15	0.17	chr12	N/A	15	450	59.11	71.52
Hs.610775	14.28	84.21	0.17	chr1	N/A	11	332	100.77	44.69
Hs.664426	10.54	62.16	0.17	chr4	N/A	3	326	20.66	57.88
Hs.734889	12.62	74.46	0.17	chr14	N/A	11	332	143.00	45.35
LOC100132247	37.86	223.40	0.17	chr16	16p12.2	2	39	29.50	75.90
Hs.694007	5.30	31.31	0.17	chr20	N/A	1	304	0.00	85.67
CXCL17	22.15	130.77	0.17	chr19	19q13.2	17	332	52.62	274.98
LOC100130370	4.02	23.73	0.17	chr17	17q25.3	12	636	44.82	87.94
RASSF5	26.23	154.94	0.17	chr1	1q32.1	52	827	141.38	165.67
Hs.205572	8.96	52.98	0.17	chr4	N/A	8	377	82.34	57.92
MYH1	18.86	111.57	0.17	chr17	17p13.1	31	521	151.33	497.20
PAH	10.48	62.05	0.17	chr12	12q22-q24.2	41	947	112.63	597.99
TSACC	40.04	237.15	0.17	chr1	1q22	17	340	67.87	413.89
ARL4A	26.79	158.94	0.17	chr7	7p21.3	50	595	109.05	143.50

Hs.672284	4.33	25.72	0.17	chr15	N/A	1	304	0.00	115.28
Hs.633241	8.22	48.84	0.17	chr13	N/A	8	377	108.11	57.59
LYPD6B	6.61	39.24	0.17	chr2	2q23.2	26	465	60.71	110.39
Hs.133046	6.37	37.87	0.17	chr1	N/A	11	377	48.48	95.15
Hs.737992	5.67	33.75	0.17	chr17	N/A	1	304	0.00	87.41
TAC1	14.28	84.97	0.17	chr7	7q21-q22	46	597	144.01	310.04
C9	11.81	70.30	0.17	chr5	5p14-p12	23	497	70.26	518.06
Hs.664228	10.30	61.34	0.17	chr7	N/A	17	466	74.40	223.68
Hs.744102	5.17	30.79	0.17	chr14	N/A	8	12	12.91	51.04
Hs.656445	4.01	23.90	0.17	chr9	N/A	1	304	0.00	68.79
Hs.732823	17.00	101.34	0.17	chr2	N/A	8	377	100.82	74.94
Hs.661175	15.55	92.71	0.17	chr9	N/A	8	377	134.08	96.78
PRPH	43.39	258.84	0.17	chr12	12q12-q13	30	565	117.24	303.87
Hs.657931	6.42	38.32	0.17	chr9	N/A	1	304	0.00	46.29
Hs.745479	6.87	40.97	0.17	chr1	N/A	11	332	120.04	55.92
Hs.674610	9.45	56.41	0.17	chr2	N/A	1	304	0.00	68.18
LOC90784	4.73	28.22	0.17	chr2	2p11.2	1	316	0.00	49.95
SLC26A7	10.09	60.27	0.17	chr8	8q23	53	1218	140.42	666.67
SHISA8	3.45	20.63	0.17	chr22	22q13.2	1	304	0.00	67.56
Hs.717035	23.23	138.82	0.17	chr2	N/A	5	425	51.56	91.81
TSHB	25.34	151.41	0.17	chr1	1p13	33	520	106.12	461.68
CD69	8.70	52.01	0.17	chr12	12p13	115	644	47.71	151.27
Hs.721405	4.45	26.60	0.17	chr3	N/A	1	304	0.00	85.58
TFAP2C	8.25	49.34	0.17	chr20	20q13.2	41	944	69.54	187.14
Hs.662937	10.08	60.29	0.17	chr13	N/A	7	459	60.80	75.70
GALNT7	15.12	90.45	0.17	chr4	4q31.1	25	831	61.41	157.15
EBPL	56.49	337.92	0.17	chr13	13q12-q13	39	497	96.53	97.49
Hs.658019	1.25	7.51	0.17	chr4	N/A	1	304	0.00	54.80
C2orf81	7.88	47.19	0.17	chr2	2p13.1	15	450	46.06	86.36
Hs.595396	3.91	23.46	0.17	chr10	N/A	7	73	55.63	71.75
SPANXD	6.94	41.60	0.17	chrX	Xq27.1	19	28	98.75	184.65
Hs.667672	3.13	18.79	0.17	chr19	N/A	2	22	66.78	71.38
Hs.663352	5.65	33.93	0.17	chr12	N/A	5	420	127.51	78.23
Hs.687496	12.02	72.16	0.17	chr17	N/A	8	377	75.27	83.54
TSPAN6	27.07	162.57	0.17	chrX	Xq22	43	991	77.48	95.09
SCEL	11.07	66.48	0.17	chr13	13q22	36	1486	95.08	443.41
SOX2-OT	10.92	65.64	0.17	chr3	3q26.33	20	427	189.18	360.64
CAPN3	17.15	103.17	0.17	chr15	15q15.1	42	1344	102.77	190.74
Hs.667698	5.63	33.85	0.17	chr11	N/A	2	22	10.01	255.55
Hs.663207	5.93	35.70	0.17	chr10	N/A	8	377	27.36	106.92
CUZD1	10.41	62.69	0.17	chr10	10q26.13	25	558	110.38	564.46
Hs.604193	4.53	27.29	0.17	chr1	N/A	2	22	30.36	62.36
LOC100505841	4.71	28.36	0.17	chr5	5q23.2	1	304	0.00	297.84
Hs.584867	19.88	119.83	0.17	chr6	N/A	5	420	75.29	116.69
MYH2	65.26	393.51	0.17	chr17	17p13.1	28	547	214.13	369.52
Hs.743502	31.85	192.10	0.17	chr7	N/A	1	304	0.00	55.68
Hs.174934	8.42	50.81	0.17	chr15	N/A	11	377	75.02	67.54
Hs.606129	10.82	65.35	0.17	chr12	N/A	8	12	16.95	22.38
Hs.720031	9.23	55.80	0.17	chrX	N/A	7	73	49.12	255.54
Hs.713079	12.30	74.36	0.17	chr7	N/A	8	12	20.84	63.12
ANLN	9.35	56.53	0.17	chr7	7p15-p14	34	839	74.75	274.89
Hs.657400	7.79	47.14	0.17	chr7	N/A	11	332	61.03	64.48
Hs.710186	31.46	190.46	0.17	chr4	N/A	7	73	135.59	348.02
Hs.669243	1.59	9.65	0.16	chr19	N/A	1	304	0.00	67.57
Hs.730829	8.22	49.90	0.16	chr12	N/A	4	304	28.57	347.24
LOC81691	20.92	127.17	0.16	chr16	16p12.3	35	997	123.86	511.82
P2RY13	13.57	82.52	0.16	chr3	3q24	46	609	91.42	715.31
Hs.662884	5.22	31.76	0.16	chr15	N/A	5	420	60.19	101.78
Hs.623520	3.78	22.97	0.16	chr8	N/A	3	66	59.06	89.35
Hs.435480	7.33	44.61	0.16	chr7	N/A	5	51	94.53	134.13
ITIH1	13.39	81.59	0.16	chr3	3p21.1	30	569	63.56	449.64
Hs.665109	7.03	42.86	0.16	chr1	N/A	1	304	0.00	57.59
GRHL3	15.87	96.94	0.16	chr1	1p36.11	27	443	102.01	184.08
Hs.599817	7.20	43.97	0.16	chr18	N/A	7	73	63.09	104.79
Hs.216363	2.43	14.83	0.16	chr1	N/A	1	304	0.00	110.06
MEST	32.90	201.11	0.16	chr7	7q32	36	589	67.79	135.99
SFTPA1	22.54	137.80	0.16	chr10	10q22.3	56	561	136.22	726.80
Hs.149996	8.15	49.86	0.16	chr3	N/A	14	398	131.53	39.72
Hs.149244	49.69	303.86	0.16	chr17	N/A	7	630	168.04	131.77
SDCBP2	16.03	98.17	0.16	chr20	20p13	33	417	78.43	130.89
Hs.677450	3.61	22.12	0.16	chr10	N/A	1	304	0.00	54.25
Hs.729677	21.58	132.50	0.16	chr2	N/A	2	22	39.53	339.24
IL21R-AS1	9.43	57.89	0.16	chr16	16p12.2	8	377	42.48	100.61
HEPN1	10.92	67.10	0.16	chr11	11q24	14	332	46.91	173.45
PSAPL1	13.09	80.44	0.16	chr4	4p16.1	11	332	218.46	125.18
Hs.624146	11.17	68.64	0.16	chr7	N/A	19	197	89.66	1,155.58
Hs.673597	7.27	44.69	0.16	chr14	N/A	1	304	0.00	48.15
PON3	22.08	135.70	0.16	chr7	7q21.3	37	633	75.54	245.41
POU2AF1	16.30	100.21	0.16	chr11	11q23.1	30	577	72.74	234.57
VWA3A	10.24	63.00	0.16	chr16	16p12.2	15	703	101.06	206.78
PPP1R1B	25.43	156.48	0.16	chr17	17q12	32	467	95.45	191.06
RNF128	13.39	82.38	0.16	chrX	Xq22.3	44	557	117.63	149.14
Hs.656264	8.95	55.07	0.16	chr5	N/A	8	377	87.07	62.33
Hs.592562	5.02	30.91	0.16	chr7	N/A	2	22	54.91	88.41
FLJ16734	28.99	178.64	0.16	chr7	7q36.2	11	12	23.67	58.30
KRT18	51.09	314.97	0.16	chr12	12q13	69	734	156.07	133.14
SH3PXD2A-AS1	3.30	20.34	0.16	chr10	N/A	1	304	0.00	108.24
Hs.603204	3.09	19.07	0.16	chr15	N/A	2	22	27.27	71.81
Hs.732320	4.14	25.55	0.16	chr8	N/A	1	304	0.00	55.45
Hs.186126	4.14	25.57	0.16	chr14	N/A	7	73	45.15	259.55
RNASE3	14.92	92.26	0.16	chr14	14q24-q31	23	496	148.52	410.09
C1orf63	45.95	284.58	0.16	chr1	1p36.13-p35.1	58	1036	82.83	112.20
Hs.653010	6.93	42.95	0.16	chr9	N/A	10	28	29.95	145.70

MS4A1	15.98	98.99	0.16	chr11	11q12	53	2009	88.29	350.32
Hs.645915	3.04	18.85	0.16	chr11	N/A	2	16	48.21	79.90
Hs.661028	6.99	43.32	0.16	chrX	N/A	10	28	19.21	60.60
ANXA8L1	52.46	325.18	0.16	chr10	10q11.22	7	73	58.80	314.00
Hs.633025	4.70	29.17	0.16	chr17	N/A	1	304	0.00	59.03
ARHGEF5	10.55	65.47	0.16	chr7	7q35	41	905	73.24	80.23
Hs.734948	7.59	47.11	0.16	chr8	N/A	1	304	0.00	81.62
STRA8	5.92	36.75	0.16	chr7	7q33	15	80	63.09	82.82
Hs.599736	6.93	43.09	0.16	chr4	N/A	3	66	58.65	276.29
CEL	24.49	152.34	0.16	chr9	9q34.3	36	865	131.01	561.80
CLPS	42.29	263.05	0.16	chr6	6p21.31	29	566	85.26	552.60
Hs.710774	34.98	217.59	0.16	chr22	N/A	8	377	129.63	48.74
Hs.728469	11.72	72.92	0.16	chr2	N/A	1	304	0.00	51.23
LRRRC69	4.02	25.03	0.16	chr8	8q21.3	1	304	0.00	53.53
Hs.668431	5.91	36.79	0.16	chr17	N/A	1	304	0.00	100.95
Hs.664114	26.13	162.71	0.16	chr8	N/A	7	73	96.24	113.30
RASA2	14.84	92.50	0.16	chr3	3q22-q23	41	904	86.89	121.00
TCN1	32.96	205.39	0.16	chr11	11q11-q12	38	582	165.32	257.93
Hs.659792	17.35	108.10	0.16	chr10	N/A	7	73	41.44	570.59
Hs.697295	6.22	38.80	0.16	chr5	N/A	7	73	32.22	515.76
Hs.285214	3.09	19.28	0.16	chr21	N/A	1	304	0.00	58.33
LINC00865	9.75	60.84	0.16	chr10	10q23.31	3	326	53.87	72.18
Hs.602489	11.40	71.12	0.16	chr4	N/A	1	304	0.00	44.00
NBPF1	92.16	575.25	0.16	chr1	1p36.13	114	2900	145.13	77.36
Hs.244651	7.39	46.13	0.16	chr19	N/A	8	377	36.27	139.81
Hs.662607	6.70	41.82	0.16	chr1	N/A	7	73	44.85	656.30
LOC100996592	2.16	13.47	0.16	chr1	N/A	1	304	0.00	77.73
Hs.736889	8.71	54.41	0.16	chr1	N/A	1	304	0.00	101.00
Hs.597879	4.75	29.68	0.16	chr1	N/A	1	304	0.00	45.56
Hs.517135	6.18	38.73	0.16	chr20	N/A	7	73	64.05	679.88
Hs.672758	6.75	42.33	0.16	chr13	N/A	1	304	0.00	46.18
SYTL1	35.98	225.84	0.16	chr1	1p36.11	36	491	207.12	138.95
Hs.658261	5.96	37.42	0.16	chr4	N/A	2	608	46.39	106.65
IGFALS	8.62	54.14	0.16	chr16	16p13.3	18	68	69.99	288.43
Hs.625321	4.48	28.15	0.16	chr8	N/A	1	304	0.00	82.00
Hs.610165	4.02	25.25	0.16	chr20	N/A	1	304	0.00	84.08
ANXA8L2	47.36	297.72	0.16	chr10	10q11.22	36	536	85.72	190.72
SH3YL1	20.84	131.06	0.16	chr2	2p25.3	46	967	98.02	137.78
LOC100132046	13.50	84.95	0.16	chr8	8p23.1	9	321	19.63	63.98
SERPINB13	8.56	53.87	0.16	chr18	18q21.33	68	2648	80.89	339.30
Hs.709605	5.26	33.11	0.16	chr10	N/A	1	304	0.00	43.30
FOLH1B	8.11	51.14	0.16	chr11	11q14.3	21	467	62.82	260.09
Hs.293118	6.09	38.44	0.16	chr12	N/A	1	304	0.00	62.88
Hs.603878	4.98	31.45	0.16	chr11	N/A	2	22	39.17	53.93
Hs.707654	6.40	40.40	0.16	chr2	N/A	2	608	37.39	64.58
Hs.445169	2.97	18.80	0.16	chrX	N/A	1	304	0.00	175.23
Hs.601790	3.01	19.04	0.16	chr11	N/A	1	304	0.00	95.68
Hs.665345	4.44	28.07	0.16	chr3	N/A	1	304	0.00	67.29
ACTL9	9.38	59.39	0.16	chr19	19p13.2	19	384	41.42	437.37
CEACAM8	8.56	54.20	0.16	chr19	19q13.2	23	497	42.48	540.67
Hs.117067	36.60	231.82	0.16	chr5	N/A	10	73	85.98	134.26
SLC13A5	17.58	111.35	0.16	chr17	17p13.1	26	465	222.86	233.60
Hs.665346	4.68	29.68	0.16	chr9	N/A	1	304	0.00	94.96
DENND2D	15.12	95.93	0.16	chr1	1p13.3	38	560	105.51	119.58
Hs.663137	3.85	24.46	0.16	chr7	N/A	1	304	0.00	102.00
Hs.663835	7.94	50.39	0.16	chr12	N/A	11	332	50.61	56.79
Hs.656059	9.66	61.33	0.16	chr5	N/A	3	326	47.16	53.99
LOC100131289	4.27	27.18	0.16	chr6	6p22.1	10	28	24.95	100.53
LOC100507281	13.23	84.14	0.16	chr10	N/A	8	377	59.19	71.37
RPTN	5.38	34.24	0.16	chr1	1q21.3	16	384	32.91	459.04
Hs.397890	3.81	24.32	0.16	chr22	N/A	1	309	0.00	66.25
MIR7-3HG	15.72	100.30	0.16	chr19	19p13.3	32	786	106.11	610.84
Hs.734770	4.72	30.11	0.16	chr2	N/A	11	332	115.96	47.91
SPP1	50.72	323.85	0.16	chr4	4q22.1	121	1042	418.54	325.48
Hs.663064	11.01	70.38	0.16	chr1	N/A	20	56	46.70	75.13
CERS3	8.46	54.12	0.16	chr15	15q26.3	27	731	119.33	140.39
MORN3	6.90	44.12	0.16	chr12	12q24.31	19	357	69.57	217.73
CCDC179	3.68	23.54	0.16	chr11	11p14.2	2	22	39.58	82.28
FLI1-AS1	6.47	41.43	0.16	chr11	N/A	16	383	52.58	57.09
Hs.664595	11.44	73.36	0.16	chr3	N/A	15	450	93.34	88.18
C2orf54	7.43	47.64	0.16	chr2	2q37.3	21	453	84.78	138.98
Hs.658531	6.92	44.36	0.16	chr1	N/A	8	377	79.62	59.90
WFDC2	20.58	132.01	0.16	chr20	20q13.12	51	1217	105.23	307.92
PSMD6-AS2	13.43	86.20	0.16	chr3	3p14	4	304	63.68	49.23
LOC286442	1.24	7.96	0.16	chrX	Xp11.4	1	304	0.00	55.61
Hs.729672	2.99	19.20	0.16	chrX	N/A	2	22	10.49	116.00
Hs.606630	6.38	41.04	0.16	chr10	N/A	1	304	0.00	93.75
RELN	15.93	102.46	0.16	chr7	7q22	43	605	88.68	220.90
CHRDL1	35.16	226.20	0.16	chrX	Xq23	28	548	100.97	131.23
Hs.707173	54.29	349.37	0.16	chr2	N/A	5	420	141.90	60.20
LGALS4	18.45	118.78	0.16	chr19	19q13.2	44	716	96.28	504.95
LOC100505639	5.10	32.86	0.16	chr19	N/A	8	386	39.05	90.68
Hs.666400	4.97	32.10	0.15	chr15	N/A	2	22	58.04	79.85
Hs.97124	27.25	176.18	0.15	chr6	N/A	4	304	168.02	171.33
Hs.58611	6.84	44.23	0.15	chr17	N/A	8	377	63.08	157.78
MPO	14.45	93.56	0.15	chr17	17q23.1	42	1069	61.85	507.61
Hs.720310	5.49	35.56	0.15	chr11	N/A	10	28	32.30	48.92
ACRBP	10.76	69.73	0.15	chr12	12p13.31	33	1086	88.71	523.88
CPB2	12.69	82.26	0.15	chr13	13q14.11	61	738	89.87	407.88
Hs.733616	5.27	34.18	0.15	chr2	N/A	1	304	0.00	128.67
Hs.596108	5.72	37.12	0.15	chr10	N/A	8	12	30.87	12.28
Hs.603356	5.83	37.79	0.15	chr8	N/A	3	66	50.60	591.83
MPZ	28.16	182.66	0.15	chr1	1q23.3	30	575	111.84	333.28

Hs.721654	11.87	77.07	0.15	chr15	N/A	1	304	0.00	53.63
LPO	18.69	121.65	0.15	chr17	17q23.1	23	495	190.62	425.10
Hs.613667	11.83	77.06	0.15	chr15	N/A	11	332	194.03	47.42
C6orf223	7.00	45.60	0.15	chr6	6p21.1	35	739	97.39	110.77
Hs.516952	3.82	24.90	0.15	chr20	N/A	1	304	0.00	79.47
Hs.721063	5.59	36.41	0.15	chr9	N/A	1	304	0.00	118.39
DMKN	30.10	196.33	0.15	chr19	19q13.12	35	474	60.37	278.17
Hs.733493	3.80	24.81	0.15	chr5	N/A	7	73	52.18	58.97
Hs.655477	58.45	382.18	0.15	chr4	N/A	1	304	0.00	65.33
A1BG	19.83	129.68	0.15	chr19	19q13.4	32	447	72.15	588.80
TUBB2B	26.49	173.49	0.15	chr6	6p25	33	527	147.58	252.76
Hs.715932	8.28	54.33	0.15	chr10	N/A	5	420	27.87	50.14
TM4SF4	11.51	75.58	0.15	chr3	3q25	33	575	87.72	351.24
SPATA31A2	3.80	24.96	0.15	chr9	9p13.1	5	16	35.73	189.39
PNLIP	22.85	150.31	0.15	chr10	10q26.1	28	543	112.90	685.78
HPGD	10.66	70.23	0.15	chr4	4q34-q35	79	1995	161.23	167.17
SALL1	5.36	35.29	0.15	chr16	16q12.1	24	804	48.11	178.69
CELA3B	20.91	137.76	0.15	chr1	1p36.12	33	577	105.05	642.13
CLC	20.43	134.74	0.15	chr19	19q13.1	33	571	95.28	440.40
ENPP2	36.57	241.24	0.15	chr8	8q24.1	58	1273	88.83	186.84
Hs.665440	12.07	79.65	0.15	chr20	N/A	1	304	0.00	66.21
Hs.675484	1.41	9.32	0.15	chr2	N/A	1	304	0.00	63.00
OLIG1	11.42	75.46	0.15	chr21	21q22.11	36	485	55.31	350.54
Hs.604384	36.68	242.69	0.15	chr1	N/A	7	73	213.48	626.26
GPRC5A	18.09	119.77	0.15	chr12	12p13-p12.3	45	648	133.60	240.30
BCAS1	16.90	112.19	0.15	chr20	20q13.2	46	713	112.45	431.01
Hs.549598	2.06	13.66	0.15	chr2	N/A	1	304	0.00	44.22
Hs.737046	1.65	10.93	0.15	chr16	N/A	1	304	0.00	73.73
SELL	26.17	173.99	0.15	chr1	1q23-q25	41	594	88.50	270.65
OR8K5	29.61	196.85	0.15	chr11	11q12.1	11	52	130.26	73.71
GPR160	15.21	101.18	0.15	chr3	3q26.2-q27	31	486	58.45	296.39
Hs.667256	4.12	27.44	0.15	chr2	N/A	2	22	31.33	96.96
SNORA78	8.36	55.69	0.15	chr16	16p13.3	1	304	0.00	66.39
Hs.656287	8.30	55.31	0.15	chr2	N/A	11	332	192.08	72.30
Hs.675828	4.29	28.69	0.15	chr2	N/A	11	332	69.91	67.54
Hs.744953	15.87	106.12	0.15	chr17	N/A	11	332	36.81	75.21
Hs.660641	9.15	61.20	0.15	chr2	N/A	1	304	0.00	39.68
Hs.710797	10.04	67.15	0.15	chr21	N/A	2	39	25.10	99.50
Hs.719384	8.27	55.38	0.15	chr16	N/A	1	304	0.00	34.47
Hs.661081	12.25	82.27	0.15	chr5	N/A	1	304	0.00	65.74
LOC100130051	8.17	54.89	0.15	chr16	16p13.3	11	377	120.91	70.45
BALAP3	10.61	71.29	0.15	chr16	16p13.3	28	927	129.83	253.10
OAZ3	13.48	90.56	0.15	chr1	1q21.3	38	550	126.01	424.90
Hs.349024	7.70	51.73	0.15	chr7	N/A	7	73	61.29	448.17
Hs.675467	9.16	61.58	0.15	chr2	N/A	11	332	123.25	61.48
ZNF791	28.53	191.93	0.15	chr19	19p13.2	35	779	88.44	70.02
Hs.649980	7.90	53.15	0.15	chr2	N/A	5	420	62.92	104.87
PPP1R27	13.07	88.04	0.15	chr17	17q25.3	7	304	84.10	155.60
LOC100128751	5.83	39.25	0.15	chr1	1q24.2	1	304	0.00	114.66
Hs.662004	7.69	51.85	0.15	chr2	N/A	11	332	127.12	44.80
Hs.706185	2.50	16.88	0.15	chr1	N/A	1	304	0.00	56.35
Hs.732927	13.97	94.29	0.15	chr22	N/A	8	377	40.28	61.95
CPA2	21.71	146.52	0.15	chr7	7q32	28	543	120.82	521.95
Hs.127678	9.18	61.92	0.15	chr8	N/A	10	73	30.19	697.68
HEIH	22.73	153.48	0.15	chr5	5q35.3	18	405	120.79	59.04
Hs.668777	11.22	75.73	0.15	chr2	N/A	1	304	0.00	62.28
Hs.676276	7.43	50.21	0.15	chr7	N/A	5	420	93.96	73.82
PTGS2	379.29	2,562.86	0.15	chr1	1q25.2-q25.3	78	1805	515.76	145.31
Hs.601001	16.21	109.62	0.15	chr6	N/A	8	12	18.09	96.71
ZNF185	26.21	177.38	0.15	chrX	Xq28	23	504	82.93	184.75
MYOZ1	30.85	208.89	0.15	chr10	10q22.1	28	538	91.40	346.22
TRIM73	9.64	65.32	0.15	chr7	7q11.23	20	320	65.34	80.91
Hs.130457	3.84	26.04	0.15	chr14	N/A	7	73	24.48	342.27
MIA	12.81	86.80	0.15	chr19	19q13.2	18	453	79.00	210.85
SYT17	8.64	58.67	0.15	chr16	16p12.3	30	589	66.58	110.91
BAAT	7.45	50.58	0.15	chr9	9q22.3	29	570	76.88	461.21
Hs.714856	8.70	59.14	0.15	chr2	N/A	1	304	0.00	120.25
Hs.557661	2.39	16.24	0.15	chr2	N/A	2	22	45.45	65.04
ARG1	10.91	74.19	0.15	chr6	6q23	36	1550	75.56	532.86
PRSS1	19.90	135.39	0.15	chr7	7q34	43	1405	145.03	529.08
Hs.655910	5.46	37.15	0.15	chr21	N/A	3	320	28.43	57.47
Hs.633410	4.92	33.52	0.15	chr12	N/A	11	332	108.81	64.57
TSPAN1	26.53	180.74	0.15	chr1	1p34.1	30	577	62.42	214.00
PSCA	9.65	65.80	0.15	chr8	8q24.2	57	697	120.82	248.81
RUNX1-IT1	8.35	57.03	0.15	chr21	21q22.12	15	455	24.94	141.42
Hs.653146	6.39	43.65	0.15	chr19	N/A	1	304	0.00	61.79
Hs.437153	15.91	108.66	0.15	chr12	N/A	8	377	121.56	84.13
HIPK4	15.02	102.69	0.15	chr19	19q13.2	19	392	71.61	467.32
PKP1	15.48	105.77	0.15	chr1	1q32	40	1026	71.73	295.09
Hs.656873	9.57	65.50	0.15	chr11	N/A	1	304	0.00	55.99
Hs.656554	2.92	19.97	0.15	chr17	N/A	2	608	5.31	82.38
Hs.667113	10.13	69.46	0.15	chr15	N/A	11	332	58.36	52.34
Hs.649732	6.66	45.66	0.15	chr7	N/A	1	304	0.00	87.39
RGPD8	11.49	78.87	0.15	chr2	2q13	2	39	8.36	53.27
Hs.744659	5.93	40.68	0.15	chr7	N/A	1	304	0.00	175.11
Hs.731573	4.64	31.88	0.15	chr3	N/A	10	28	36.85	129.33
CPS1	13.45	92.51	0.15	chr2	2q35	137	1260	278.92	468.24
LGALS7	37.07	255.65	0.15	chr19	19q13.2	58	677	89.42	341.16
Hs.677739	17.64	121.78	0.14	chr7	N/A	8	377	63.21	66.24
HPX	28.72	198.29	0.14	chr11	11p15.5-p15.4	35	992	162.96	408.52
Hs.670193	7.68	53.04	0.14	chr1	N/A	1	304	0.00	70.03
SPATA42	3.98	27.53	0.14	chr1	1p13.3	11	338	34.05	427.13
Hs.664022	8.98	62.13	0.14	chr1	N/A	8	377	61.00	161.09

FAM151B	11.90	82.31	0.14	chr5	5q14.1	16	73	66.49	512.79
CKAP2	21.14	146.32	0.14	chr13	13q14	94	1472	123.50	512.23
TMPRSS2	13.97	96.85	0.14	chr21	21q22.3	58	1821	90.39	328.48
LOC100289092	2.69	18.65	0.14	chr16	16p11.2	2	608	71.69	96.55
Hs.666654	5.67	39.36	0.14	chr18	N/A	5	674	48.50	133.42
SPTY2D1-AS1	7.54	52.37	0.14	chr11	N/A	19	709	76.18	508.99
PI3	36.86	256.13	0.14	chr20	20q13.12	35	992	89.41	324.11
Hs.613987	8.80	61.17	0.14	chr7	N/A	10	28	32.22	98.72
Hs.656622	7.60	52.83	0.14	chr15	N/A	1	304	0.00	56.87
DEFA4	23.16	161.32	0.14	chr8	8p23	30	573	65.05	534.20
Hs.164324	13.73	95.61	0.14	chr17	N/A	12	636	177.64	174.29
Hs.595493	5.10	35.57	0.14	chr8	N/A	8	377	54.48	122.82
APCS	26.24	183.17	0.14	chr1	1q21-q23	30	569	61.12	448.30
CTSL2	14.16	98.89	0.14	chr9	9q22.2	30	573	91.07	263.01
LOC100190986	18.73	130.86	0.14	chr16	16p12.2	86	950	114.95	105.19
Hs.656475	6.23	43.54	0.14	chr11	N/A	4	370	49.70	129.55
NLN	32.18	224.98	0.14	chr5	5q12.3	67	2243	314.75	229.36
Hs.673292	4.48	31.31	0.14	chr7	N/A	1	304	0.00	50.15
LOC100506303	6.87	48.06	0.14	chr14	N/A	1	304	0.00	267.66
Hs.662183	13.62	95.37	0.14	chr8	N/A	15	450	148.47	80.56
Hs.704053	19.57	137.08	0.14	chr17	N/A	8	12	13.23	9.69
Hs.713187	8.73	61.15	0.14	chr20	N/A	10	28	20.13	65.71
Hs.658440	7.19	50.47	0.14	chr8	N/A	8	377	57.25	61.25
Hs.732987	14.03	98.62	0.14	chr7	N/A	7	73	67.23	365.29
LEAP2	15.86	111.52	0.14	chr5	5q31.1	35	534	59.03	391.53
Hs.434883	7.46	52.47	0.14	chr10	N/A	8	377	36.19	1,227.01
C10orf99	13.67	96.31	0.14	chr10	10q23.1	22	754	88.34	233.81
Hs.663718	5.59	39.38	0.14	chr17	N/A	11	332	105.56	66.19
Hs.736845	6.71	47.34	0.14	chr11	N/A	1	304	0.00	94.13
Hs.724055	12.77	90.10	0.14	chr2	N/A	4	304	99.65	55.44
Hs.434948	9.68	68.35	0.14	chr12	N/A	11	332	231.49	84.20
Hs.718733	6.81	48.12	0.14	chr16	N/A	10	28	48.47	43.44
MAT1A	17.37	122.67	0.14	chr10	10q22	26	563	101.96	388.78
Hs.574244	7.98	56.33	0.14	chr15	N/A	2	608	11.84	203.87
Hs.552711	2.51	17.76	0.14	chr17	N/A	1	304	0.00	54.07
Hs.407573	8.36	59.05	0.14	chr2	N/A	1	304	0.00	46.07
LOC100129098	4.70	33.22	0.14	chr8	8q11.23	1	304	0.00	86.54
Hs.657303	12.09	85.54	0.14	chr7	N/A	3	326	82.21	46.46
DSCR9	5.39	38.12	0.14	chr21	21q22.13	24	405	77.30	80.44
PTH	12.44	88.02	0.14	chr11	11p15.3-p15.1	38	604	119.83	1,054.85
POMC	48.46	343.09	0.14	chr2	2p23.3	26	503	107.77	525.75
LOC400692	0.63	4.47	0.14	chr19	19q13.12	1	304	0.00	82.93
Hs.512079	12.02	85.25	0.14	chr1	N/A	1	304	0.00	52.70
Hs.434695	4.48	31.81	0.14	chr21	N/A	1	304	0.00	96.87
PGF	51.40	365.59	0.14	chr14	14q24.3	35	997	252.12	138.24
Hs.684008	3.88	27.62	0.14	chr22	N/A	1	304	0.00	64.78
NAT8L	10.88	77.49	0.14	chr4	4p16.3	15	654	73.48	115.77
LOC100289341	22.47	160.07	0.14	chr9	9q34.3	9	326	109.35	67.26
DMBT1	35.76	254.94	0.14	chr10	10q26.13	31	550	242.31	265.97
Hs.25669	11.92	85.01	0.14	chr20	N/A	1	304	0.00	41.67
Hs.659518	7.74	55.37	0.14	chr1	N/A	4	370	49.17	1,244.78
Hs.613692	5.84	41.77	0.14	chr16	N/A	5	425	66.41	67.39
Hs.711113	18.53	132.72	0.14	chr12	N/A	7	73	61.04	89.47
LOC100132593	7.50	53.70	0.14	chr7	7q22.1	10	28	26.45	139.93
Hs.656085	15.41	110.45	0.14	chr12	N/A	11	336	77.20	61.41
UBXN2A	73.05	523.59	0.14	chr2	2p23.3	31	520	166.96	92.53
ZNF852	0.62	4.46	0.14	chr3	3p21.31	1	304	0.00	97.64
Hs.715755	15.66	112.38	0.14	chr11	N/A	29	743	88.03	117.36
Hs.593095	5.51	39.53	0.14	chr16	N/A	10	28	73.85	139.63
PRSS3	28.14	202.19	0.14	chr9	9p11.2	41	994	70.88	433.85
AHSG	23.73	170.54	0.14	chr3	3q27	45	1017	75.43	488.89
MYBPC2	15.09	108.68	0.14	chr19	19q13.33	28	547	63.54	428.42
Hs.112750	7.04	50.74	0.14	chr6	N/A	7	73	42.15	624.31
Hs.652662	2.00	14.45	0.14	chr7	N/A	1	304	0.00	49.21
LOC399753	16.90	121.91	0.14	chr10	10q11.22	17	51	185.82	79.63
Hs.663149	53.38	385.24	0.14	chr5	N/A	5	420	158.03	76.56
Hs.667218	2.12	15.33	0.14	chr19	N/A	2	22	14.26	82.70
Hs.600805	35.83	258.80	0.14	chr2	N/A	10	28	102.84	175.03
MORN5	6.12	44.30	0.14	chr9	9q33.2	26	457	87.63	284.68
Hs.655157	10.99	79.79	0.14	chr8	N/A	3	326	27.86	90.86
Hs.733095	6.88	50.06	0.14	chr16	N/A	8	377	44.67	106.40
Hs.656296	9.90	72.04	0.14	chr4	N/A	8	377	77.20	56.42
HSD17B6	15.70	114.20	0.14	chr12	12q13	35	997	112.56	295.42
Hs.734177	4.66	34.03	0.14	chr11	N/A	3	66	20.88	112.07
Hs.25447	14.02	102.45	0.14	chr13	N/A	13	354	62.73	55.10
Hs.636089	4.28	31.28	0.14	chr13	N/A	2	608	82.94	68.79
IFIT1B	11.50	84.09	0.14	chr10	10q23.31	8	52	131.76	127.08
LOC100507468	5.21	38.13	0.14	chr7	N/A	14	332	40.41	389.13
Hs.744314	1.65	12.11	0.14	chr2	N/A	1	304	0.00	99.29
LOC100287166	5.12	37.49	0.14	chr20	20p11.23	11	337	43.45	60.94
Hs.661763	6.52	47.76	0.14	chr7	N/A	5	420	92.61	58.08
LRRC52	10.57	77.49	0.14	chr1	1q24.1	6	356	73.43	61.09
Hs.729086	10.49	76.94	0.14	chr2	N/A	14	146	49.73	141.80
Hs.675810	4.20	30.84	0.14	chr16	N/A	1	313	0.00	69.79
Hs.666931	14.15	103.91	0.14	chr1	N/A	13	354	131.68	59.29
APLP1	23.41	172.05	0.14	chr19	19q13.1	31	548	118.92	279.04
Hs.744204	2.28	16.79	0.14	chr2	N/A	1	304	0.00	53.59
Hs.665290	15.92	117.09	0.14	chr11	N/A	7	73	82.52	582.17
Hs.734968	4.43	32.59	0.14	chr16	N/A	1	304	0.00	76.74
Hs.677304	9.68	71.70	0.14	chr4	N/A	11	332	30.67	51.11
Hs.658791	15.63	115.90	0.13	chr1	N/A	3	320	151.62	52.21
Hs.658678	8.64	64.09	0.13	chr5	N/A	8	377	129.03	57.16
MBP	41.50	308.26	0.13	chr18	18q23	111	3342	173.83	421.72

Hs.677790	13.70	102.01	0.13	chr12	N/A	1	304	0.00	72.14
BPIFA1	23.79	177.18	0.13	chr20	20q11.2	28	525	191.36	460.23
Hs.660221	49.22	366.78	0.13	chr20	N/A	19	709	156.93	86.84
Hs.660202	9.72	72.51	0.13	chr15	N/A	1	304	0.00	52.57
FGFBP1	17.19	128.27	0.13	chr4	4p15.32	28	547	108.01	224.44
HEPACAM	24.33	181.58	0.13	chr11	11q24.2	38	138	179.06	168.65
C10orf62	7.12	53.19	0.13	chr10	10q24.2	17	332	56.91	228.08
Hs.153944	6.09	45.47	0.13	chr1	N/A	1	304	0.00	45.81
Hs.743926	10.46	78.14	0.13	chr8	N/A	8	12	17.13	28.22
Hs.662829	39.64	296.33	0.13	chr19	N/A	1	304	0.00	66.02
PRB4	46.05	344.46	0.13	chr12	12p13.2	21	464	91.02	392.33
CLDN1	11.67	87.44	0.13	chr3	3q28-q29	60	1082	130.89	199.69
SFRP2	38.47	289.14	0.13	chr4	4q31.3	49	878	134.71	153.76
Hs.133389	2.05	15.39	0.13	chr16	N/A	2	22	123.45	94.21
Hs.306329	10.29	77.37	0.13	chr15	N/A	8	377	96.97	56.09
HMGB4	13.97	105.20	0.13	chr1	1p35.1	27	435	146.35	498.67
Hs.659112	8.06	60.68	0.13	chr14	N/A	11	332	159.97	53.82
Hs.714494	55.37	417.12	0.13	chr13	N/A	7	73	37.35	238.98
Hs.650324	1.72	12.93	0.13	chr2	N/A	1	304	0.00	57.45
PABPC3	166.13	1,252.26	0.13	chr13	13q12-q13	24	465	96.16	77.72
Hs.728926	4.86	36.66	0.13	chr16	N/A	1	304	0.00	50.95
PRRG4	14.08	106.24	0.13	chr11	11p13	49	939	62.83	114.31
Hs.662227	8.71	65.76	0.13	chr10	N/A	15	453	40.76	103.34
CST4	41.97	318.19	0.13	chr20	20p11.21	14	437	82.84	440.38
PLEK2	8.25	62.55	0.13	chr14	14q23.3	28	532	87.69	89.21
Hs.629427	21.38	162.09	0.13	chr18	N/A	10	28	27.72	94.23
Hs.559969	3.01	22.86	0.13	chr11	N/A	1	304	0.00	68.71
Hs.661985	3.80	28.81	0.13	chr13	N/A	5	422	55.47	101.85
SPINK1	43.09	326.77	0.13	chr5	5q32	33	602	212.56	458.68
LINC00668	5.95	45.12	0.13	chr18	18p11.31	11	332	68.27	126.87
Hs.655984	10.17	77.20	0.13	chr16	N/A	10	393	79.51	61.88
APOC1	65.03	493.81	0.13	chr19	19q13.2	50	1076	140.69	294.71
Hs.99528	39.41	299.51	0.13	chr18	N/A	5	425	97.75	84.41
SCG5	25.78	196.16	0.13	chr15	15q13-q14	30	577	217.90	286.51
Hs.596796	6.25	47.57	0.13	chr1	N/A	7	73	37.60	115.19
LCN1	12.94	98.52	0.13	chr9	9q34	23	492	83.66	903.07
Hs.655397	17.36	132.48	0.13	chr4	N/A	11	332	97.64	64.22
Hs.130218	7.28	55.61	0.13	chr19	N/A	12	124	44.50	904.53
Hs.665060	3.94	30.11	0.13	chr3	N/A	1	308	0.00	83.66
LOC100507194	1.21	9.23	0.13	chr6	N/A	1	304	0.00	63.13
Hs.636112	25.96	198.79	0.13	chr17	N/A	18	405	144.53	73.81
Hs.709790	34.58	265.04	0.13	chr21	N/A	5	425	156.19	105.62
Hs.662515	4.70	36.05	0.13	chr3	N/A	1	304	0.00	47.71
Hs.308480	9.30	71.57	0.13	chr8	N/A	18	405	154.09	77.14
Hs.660976	6.42	49.46	0.13	chr10	N/A	1	304	0.00	58.37
Hs.708148	4.13	31.83	0.13	chr16	N/A	13	28	62.59	105.06
Hs.603704	8.25	63.64	0.13	chr8	N/A	2	22	51.42	123.28
OR52M1	9.85	76.03	0.13	chr11	11p15.4	8	52	63.19	77.29
Hs.696306	2.06	15.87	0.13	chr4	N/A	1	304	0.00	68.08
Hs.655987	8.87	68.49	0.13	chr10	N/A	11	332	24.57	60.69
Hs.534680	3.89	30.00	0.13	chr2	N/A	1	304	0.00	93.09
KANK4	16.56	127.96	0.13	chr1	1p31.3	18	395	129.79	221.01
Hs.601758	12.58	97.23	0.13	chr4	N/A	1	304	0.00	133.84
Hs.98418	9.33	72.18	0.13	chr6	N/A	11	377	76.81	174.45
RIMBP3	12.58	97.98	0.13	chr22	22q11.21	27	360	106.66	274.54
ANKRD36B	19.08	148.70	0.13	chr2	2q11.2	70	610	75.23	125.47
Hs.537402	2.25	17.51	0.13	chr4	N/A	2	22	36.71	87.36
Hs.663768	16.54	129.02	0.13	chr5	N/A	11	332	180.20	94.86
BOD1L2	20.50	159.86	0.13	chr18	18q21.31	21	405	71.25	546.73
SMTNL1	11.43	89.19	0.13	chr11	11q12.1	4	304	57.81	286.84
SNHG8	35.95	280.48	0.13	chr4	4q26	29	433	115.92	66.59
CRABP2	32.39	252.79	0.13	chr1	1q21.3	32	611	111.32	229.04
Hs.668074	12.36	96.63	0.13	chr5	N/A	1	304	0.00	41.90
SPRR2G	18.05	141.10	0.13	chr1	1q21-q22	21	405	61.95	351.61
Hs.700137	17.82	139.48	0.13	chr20	N/A	11	332	127.80	56.28
OR51V1	13.47	105.50	0.13	chr11	11p15.4	8	52	150.39	53.75
PPP1R36	6.76	52.92	0.13	chr14	14q23.3	19	366	73.99	210.03
Hs.733467	5.94	46.59	0.13	chr12	N/A	3	326	39.08	135.89
Hs.671802	2.59	20.37	0.13	chr20	N/A	1	304	0.00	44.33
LOC100507311	8.90	69.99	0.13	chr15	N/A	13	354	42.44	106.31
SH3BP5	46.46	365.60	0.13	chr3	3p24.3	51	1025	108.81	118.76
ITIH3	21.59	170.05	0.13	chr3	3p21.1	30	575	50.98	431.96
LOC441178	7.27	57.28	0.13	chr6	6q27	15	645	58.75	236.74
Hs.662182	10.57	83.33	0.13	chr14	N/A	1	304	0.00	190.13
CMTM5	12.33	97.36	0.13	chr14	14q11.2	24	413	75.24	178.09
TCP10L2	11.07	87.51	0.13	chr6	6q27	19	24	46.03	116.03
Hs.745142	7.08	55.98	0.13	chr17	N/A	1	304	0.00	45.14
Hs.741806	4.67	36.91	0.13	chr6	N/A	2	22	7.58	159.81
Hs.673785	3.36	26.59	0.13	chr3	N/A	1	304	0.00	37.62
CD52	55.39	438.92	0.13	chr1	1p36	33	584	156.28	302.98
Hs.664824	11.60	91.97	0.13	chr13	N/A	8	377	97.42	71.81
BLNK	12.45	98.76	0.13	chr10	10q23.2-q23.3	35	606	97.35	137.85
Hs.653481	5.46	43.41	0.13	chr14	N/A	8	12	23.15	44.82
PRO2852	7.93	63.13	0.13	chr9	N/A	2	52	11.85	85.50
LOC100131864	3.43	27.29	0.13	chr1	1p36.31	11	332	54.65	77.78
PPL	36.18	288.51	0.13	chr16	16p13.3	29	577	54.19	220.88
SFTA3	6.37	50.85	0.13	chr14	14q13.3	21	410	53.03	319.99
LANCL3	10.75	85.91	0.13	chrX	Xp21.1	21	68	111.73	79.56
S100P	28.18	225.18	0.13	chr4	4p16	45	661	86.86	222.57
DSG3	22.76	182.08	0.12	chr18	18q12.1	38	942	144.60	252.30
NFATC2	6.43	51.46	0.12	chr20	20q13.2	42	1397	41.51	121.53
Hs.658890	19.42	155.51	0.12	chr8	N/A	11	332	82.55	64.80
UGT2B7	29.55	237.02	0.12	chr4	4q13	47	329	138.07	300.01

SERINC5	15.61	125.88	0.12	chr5	5q14.1	72	961	83.22	143.22
Hs.500832	77.68	627.82	0.12	chr10	N/A	10	28	51.93	267.21
LOC100996665	4.03	32.66	0.12	chr19	N/A	4	304	52.18	53.67
Hs.734058	14.70	119.14	0.12	chrX	N/A	10	139	87.46	889.23
Hs.174743	3.53	28.66	0.12	chr3	N/A	2	22	56.35	53.61
MUC19	6.42	52.10	0.12	chr12	12q12	35	492	151.29	417.18
SPINT1	16.44	133.38	0.12	chr15	15q15.1	38	625	102.43	158.90
Hs.659129	4.80	39.06	0.12	chr19	N/A	1	304	0.00	74.44
LIPF	10.37	84.29	0.12	chr10	10q23.31	28	546	120.50	821.44
LOC728392	36.64	298.01	0.12	chr17	17p13.2	10	471	80.67	231.09
LOC100128881	6.03	49.12	0.12	chr16	16q24.3	1	304	0.00	71.92
Hs.632997	17.65	144.26	0.12	chr12	N/A	14	532	105.00	266.99
BHMT	10.62	86.89	0.12	chr5	5q14.1	41	902	81.95	494.43
Hs.606318	8.81	72.17	0.12	chr17	N/A	1	304	0.00	130.11
VSIG10L	13.52	110.93	0.12	chr19	19q13.41	18	409	50.63	182.80
SERPINA5	25.59	209.97	0.12	chr14	14q32.1	66	869	97.64	317.42
Hs.141055	3.04	24.93	0.12	chr18	N/A	2	16	25.17	143.48
Hs.608251	25.27	207.65	0.12	chr2	N/A	11	332	66.56	178.88
Hs.161158	4.92	40.51	0.12	chr6	N/A	1	304	0.00	78.27
Hs.583148	6.28	51.72	0.12	chr7	N/A	7	73	33.23	395.03
Hs.638070	4.36	35.88	0.12	chr4	N/A	10	28	53.32	82.34
TBC1D3C	20.14	165.94	0.12	chr17	17q12	32	472	63.43	120.53
Hs.712904	5.78	47.67	0.12	chr4	N/A	10	28	39.72	86.24
LINC00632	11.90	98.08	0.12	chrX	Xq27.1	1	308	0.00	336.75
Hs.661702	10.96	90.41	0.12	chr13	N/A	18	405	68.94	67.22
ZNF721	55.00	453.79	0.12	chr4	4p16.3	30	898	160.05	131.78
SERPINB2	10.80	89.30	0.12	chr18	18q21.3	30	572	101.65	266.79
ACSM2B	10.40	86.15	0.12	chr16	16p12.3	81	1143	142.13	433.21
Hs.596629	6.27	51.95	0.12	chr13	N/A	1	304	0.00	52.32
Hs.657721	6.21	51.47	0.12	chr7	N/A	1	304	0.00	37.93
TGM1	14.20	117.77	0.12	chr14	14q11.2	30	565	104.61	300.83
PSORS1C3	1.27	10.55	0.12	chr6	6p21.33	1	304	0.00	68.85
Hs.634293	7.54	62.53	0.12	chr2	N/A	10	332	137.77	46.21
PTPRC	17.35	144.06	0.12	chr1	1q31-q32	116	2553	135.23	299.67
FBXL16	14.15	117.49	0.12	chr16	16p13.3	25	764	97.95	321.68
GAS5	43.47	361.23	0.12	chr1	1q25.1	58	1660	110.37	118.24
Hs.745231	29.40	244.27	0.12	chr2	N/A	7	73	79.25	634.01
LOC100131763	1.32	10.98	0.12	chr2	2q37.3	1	304	0.00	43.92
SYCN	12.27	102.04	0.12	chr19	19q13.2	18	409	99.30	860.33
MRV11-AS1	10.05	83.55	0.12	chr11	11p15.4	16	399	69.96	173.60
Hs.285724	4.15	34.52	0.12	chr7	N/A	1	304	0.00	70.65
HOXD-AS2	3.58	29.88	0.12	chr2	2q31.1	1	304	0.00	75.16
Hs.708332	15.86	132.80	0.12	chr6	N/A	10	28	164.50	110.28
Hs.560957	5.23	43.86	0.12	chr2	N/A	1	304	0.00	103.00
Hs.536411	7.96	66.78	0.12	chr15	N/A	1	304	0.00	53.65
Hs.635638	7.17	60.16	0.12	chr5	N/A	1	304	0.00	91.27
Hs.663673	22.63	190.27	0.12	chr21	N/A	5	420	79.54	100.55
Hs.468760	5.10	42.86	0.12	chr2	N/A	1	304	0.00	65.41
SCGB1A1	31.97	269.00	0.12	chr11	11q12.3	30	571	92.84	356.29
DSC3	11.93	100.39	0.12	chr18	18q12.1	58	1166	108.25	240.99
SAA2	22.96	193.53	0.12	chr11	11p15.1-p14	41	961	165.91	437.78
AGR3	10.97	92.48	0.12	chr7	7p21.1	43	612	139.14	271.00
Hs.594144	22.69	191.43	0.12	chr12	N/A	7	73	118.53	119.83
Hs.697100	5.21	44.08	0.12	chr12	N/A	2	617	43.55	99.27
Hs.714485	5.73	48.70	0.12	chr17	N/A	1	304	0.00	121.78
APOA2	33.19	281.92	0.12	chr1	1q23.3	35	1002	272.17	499.36
Hs.733830	5.96	50.69	0.12	chr14	N/A	14	146	45.18	195.60
Hs.633017	1.12	9.49	0.12	chr13	N/A	1	304	0.00	52.49
Hs.582685	3.40	28.94	0.12	chr6	N/A	2	22	3.82	82.49
ERP27	10.67	90.74	0.12	chr12	12p12.3	26	461	95.27	407.07
PVRL4	7.70	65.51	0.12	chr1	1q22-q23.2	26	462	59.43	132.96
ELANE	18.54	157.85	0.12	chr19	19p13.3	23	504	79.65	568.54
Hs.656394	5.97	50.99	0.12	chr19	N/A	11	332	116.32	97.40
LOC147646	10.08	86.14	0.12	chr19	19q13.41	1	304	0.00	164.18
Hs.611493	1.57	13.44	0.12	chr9	N/A	1	304	0.00	75.50
Hs.635763	8.93	76.43	0.12	chr2	N/A	7	73	42.86	178.41
LOC100505478	6.37	54.55	0.12	chr9	9q32	1	304	0.00	100.52
Hs.604296	9.82	84.08	0.12	chr15	N/A	2	608	86.98	159.81
GRHL1	14.37	123.11	0.12	chr2	2p25.1	40	835	112.06	196.86
Hs.613732	16.09	137.95	0.12	chr3	N/A	10	28	107.57	97.50
Hs.405427	18.78	161.32	0.12	chr1	N/A	18	405	75.48	62.94
LOC100128594	1.89	16.27	0.12	chrX	Xq22.2	1	304	0.00	45.37
FBP1	26.53	228.44	0.12	chr9	9q22.3	30	573	103.39	273.70
TRIM29	23.02	198.56	0.12	chr11	11q23.3	56	1433	117.91	288.83
OR52J3	6.13	52.98	0.12	chr11	11p15.4	8	52	42.23	44.89
PRUNE2	23.02	199.06	0.12	chr9	9q21.2	69	1088	112.81	226.94
HRG	18.73	162.20	0.12	chr3	3q27	48	1020	85.87	484.57
TSPAN8	30.10	260.75	0.12	chr12	12q14.1-q21.1	38	591	205.87	184.21
C9orf64	58.28	506.01	0.12	chr9	9q21.32	22	750	165.88	124.45
HCG22	7.64	66.32	0.12	chr6	6p21.33	14	333	110.61	87.63
Hs.740945	11.17	97.05	0.12	chr1	N/A	8	12	16.62	44.17
PAQR6	21.87	190.02	0.12	chr1	1q22	41	606	69.53	330.20
CITED1	6.95	60.47	0.11	chrX	Xq13.1	23	498	45.29	265.37
SERPINA1	26.75	233.28	0.11	chr14	14q32.1	74	1895	83.09	439.04
SDC1	23.48	204.85	0.11	chr2	2p24.1	55	1098	101.76	149.07
SPRR1A	80.68	704.18	0.11	chr1	1q21-q22	43	1003	132.39	272.41
Hs.545434	24.56	214.51	0.11	chr11	N/A	8	12	16.65	39.19
Hs.656926	4.38	38.25	0.11	chr12	N/A	1	304	0.00	36.99
WIF1	8.46	73.99	0.11	chr12	12q14.3	47	674	75.35	229.57
Hs.666935	8.37	73.16	0.11	chr6	N/A	1	304	0.00	61.88
Hs.674568	5.93	51.96	0.11	chr5	N/A	1	304	0.00	47.90
S100A9	101.03	886.88	0.11	chr1	1q21	40	605	104.30	242.00
PIGR	32.34	283.88	0.11	chr1	1q31-q41	49	913	169.89	307.71

Hs.656505	12.76	112.24	0.11	chr8	N/A	8	377	151.60	88.83
SERPINB5	11.29	99.45	0.11	chr18	18q21.33	58	1015	291.78	294.79
MAL2	26.47	233.68	0.11	chr8	8q23	40	615	111.85	125.19
IL1RN	15.75	139.17	0.11	chr2	2q14.2	68	2317	102.37	364.17
PCK1	20.48	181.02	0.11	chr20	20q13.31	53	650	86.97	351.38
AKR1B10	14.50	128.19	0.11	chr7	7q33	40	598	80.22	215.64
Hs.593050	8.69	76.80	0.11	chr4	N/A	9	28	55.36	115.18
Hs.633996	7.87	69.69	0.11	chr2	N/A	7	73	78.31	107.44
Hs.666139	10.09	89.37	0.11	chr10	N/A	7	73	42.68	762.05
Hs.602179	5.82	51.61	0.11	chr6	N/A	7	73	32.94	685.58
CYP17A1-AS1	28.35	252.04	0.11	chr10	10q24.32	7	73	42.43	385.67
Hs.132327	2.52	22.46	0.11	chr17	N/A	2	22	94.77	66.51
Hs.662383	28.90	257.89	0.11	chr17	N/A	7	73	56.29	172.26
Hs.613973	3.52	31.43	0.11	chr15	N/A	1	304	0.00	94.92
Hs.744598	14.91	133.09	0.11	chr15	N/A	8	12	15.82	76.91
Hs.687918	7.99	71.57	0.11	chr20	N/A	1	304	0.00	37.60
Hs.513895	13.99	125.40	0.11	chr15	N/A	12	648	108.40	190.54
Hs.667880	14.09	126.56	0.11	chr1	N/A	12	636	177.55	116.34
Hs.658906	9.19	82.53	0.11	chr2	N/A	11	332	232.11	52.59
Hs.709930	3.88	34.85	0.11	chr14	N/A	1	304	0.00	96.63
Hs.48100	13.80	124.11	0.11	chr1	N/A	11	332	214.48	65.00
NEFM	34.29	309.71	0.11	chr8	8p21	45	1004	122.76	406.43
TF	43.89	396.91	0.11	chr3	3q22.1	101	2201	138.50	353.66
OVOS2	10.70	96.85	0.11	chr12	12p11.21	26	332	57.34	275.17
Hs.656537	9.83	88.96	0.11	chr20	N/A	11	332	50.68	79.65
Hs.655820	8.27	74.90	0.11	chr15	N/A	11	332	156.57	56.18
Hs.658362	6.89	62.50	0.11	chr4	N/A	15	450	71.84	95.94
Hs.591590	0.49	4.43	0.11	chr2	N/A	1	304	0.00	83.40
Hs.520751	5.48	49.71	0.11	chr7	N/A	1	304	0.00	50.05
ESRP1	10.31	93.63	0.11	chr8	8q22.1	43	975	63.43	135.76
LELP1	12.79	116.42	0.11	chr1	1q21.3	21	405	177.16	497.24
TPRG1	6.78	61.90	0.11	chr3	3q28	29	457	52.81	191.56
Hs.732872	3.71	33.93	0.11	chr17	N/A	1	304	0.00	43.91
Hs.707362	23.52	214.95	0.11	chr2	N/A	10	73	117.53	210.52
MYBPC1	34.30	314.30	0.11	chr12	12q23.2	41	629	111.12	330.15
SORD	29.73	272.67	0.11	chr15	15q15.3	63	1058	59.13	222.72
MAL	81.33	748.44	0.11	chr2	2q11.1	41	591	71.18	224.03
Hs.720761	8.29	76.48	0.11	chr8	N/A	14	146	48.30	879.36
Hs.596116	16.32	150.54	0.11	chr5	N/A	7	73	57.00	416.31
Hs.660626	4.29	39.62	0.11	chr20	N/A	1	304	0.00	47.09
Hs.38132	3.58	33.19	0.11	chrX	N/A	4	304	29.49	134.19
Hs.714951	6.87	63.82	0.11	chr9	N/A	1	304	0.00	61.20
Hs.673628	4.40	40.89	0.11	chr8	N/A	1	304	0.00	94.48
Hs.594609	5.34	49.67	0.11	chr19	N/A	1	304	0.00	48.09
Hs.663627	6.89	64.16	0.11	chr18	N/A	1	304	0.00	43.04
FOSB	32.94	306.83	0.11	chr19	19q13.32	20	509	125.76	177.45
NPFX1	7.53	70.21	0.11	chr17	17q25.3	39	528	60.53	155.02
FAM157A	9.40	87.67	0.11	chr3	3q29	3	320	46.74	89.81
DYNLRB2	10.56	98.54	0.11	chr16	16q23.3	26	466	97.45	446.46
REG1A	23.72	222.56	0.11	chr2	2p12	30	565	71.06	496.65
OR10W1	36.66	344.76	0.11	chr11	11q12.1	11	52	138.59	68.24
CAMP	16.02	151.02	0.11	chr3	3p21.3	30	570	100.83	548.35
ERMN	11.24	106.04	0.11	chr2	2q24.1	42	489	144.92	415.56
F9	9.81	92.54	0.11	chrX	Xq27.1-q27.2	23	496	71.97	484.23
Hs.334633	9.47	89.35	0.11	chr5	N/A	1	304	0.00	323.83
AQP3	48.47	457.39	0.11	chr9	9p13	57	1537	97.33	209.09
Hs.700830	8.23	77.79	0.11	chr4	N/A	1	304	0.00	228.18
CHL1-AS2	5.73	54.12	0.11	chr3	3p26.3	1	304	0.00	60.32
RTN1	24.57	232.40	0.11	chr14	14q23.1	65	1212	119.63	244.79
F2	18.08	171.20	0.11	chr11	11p11	62	814	107.49	371.04
CXCL14	40.57	384.17	0.11	chr5	5q31	51	1365	88.73	168.37
DEFA1	33.09	313.78	0.11	chr8	8p23.1	44	604	135.77	490.89
Hs.669334	8.05	76.48	0.11	chr1	N/A	1	304	0.00	37.58
LOC100288152	7.36	70.00	0.11	chr5	5p15.33	8	389	29.59	76.60
CRISP2	11.35	108.67	0.10	chr6	6p12.3	28	547	100.03	527.88
AIM1	21.67	208.69	0.10	chr6	6q21	29	599	65.39	130.02
FBXW12	41.25	398.05	0.10	chr3	3p21.31	15	725	261.37	126.38
Hs.658583	10.77	104.46	0.10	chr19	N/A	8	377	89.46	70.03
Hs.735197	0.70	6.75	0.10	chr6	N/A	1	304	0.00	57.28
Hs.519666	18.34	177.90	0.10	chr5	N/A	1	311	0.00	160.92
OR14C36	11.45	111.12	0.10	chr1	1q44	8	52	59.73	71.07
Hs.471582	12.16	118.12	0.10	chr2	N/A	7	73	48.86	750.64
TGM4	13.39	130.13	0.10	chr3	3p22-p21.33	64	1580	127.96	629.02
CPA1	12.99	126.35	0.10	chr7	7q32	30	596	82.88	719.30
KRT2	16.30	158.62	0.10	chr12	12q13.13	23	494	114.18	396.86
Hs.607187	7.10	69.18	0.10	chr2	N/A	1	304	0.00	79.21
OR4A5	10.49	102.15	0.10	chr11	11p11.12	5	52	66.54	85.20
Hs.745073	14.52	141.66	0.10	chr4	N/A	8	377	74.51	284.81
Hs.720467	52.03	507.61	0.10	chr1	N/A	8	12	12.76	28.57
Hs.714223	7.82	76.49	0.10	chr16	N/A	5	420	49.38	577.68
Hs.707733	52.98	519.86	0.10	chr11	N/A	22	526	157.15	93.38
SLURP1	12.84	126.27	0.10	chr8	8q24.3	30	566	149.47	277.05
CSH1	19.43	191.17	0.10	chr17	17q24.2	91	2323	121.32	541.27
PHF7	15.95	157.23	0.10	chr3	3p21.1	51	1434	101.17	569.18
Hs.658594	10.79	106.41	0.10	chr17	N/A	14	398	95.71	67.38
Hs.132564	14.10	139.11	0.10	chr8	N/A	6	66	78.23	712.56
Hs.128386	2.55	25.23	0.10	chr11	N/A	1	304	0.00	44.12
Hs.734519	6.42	63.54	0.10	chr5	N/A	1	304	0.00	51.08
Hs.33519	9.68	95.95	0.10	chr6	N/A	11	332	236.25	63.33
Hs.656448	13.99	138.82	0.10	chr15	N/A	11	344	46.88	79.20
Hs.614053	0.73	7.26	0.10	chr16	N/A	1	304	0.00	106.78
Hs.626730	104.35	1,038.42	0.10	chr6	N/A	10	28	48.11	215.02
Hs.658669	6.80	67.73	0.10	chr11	N/A	1	304	0.00	65.79

Hs.317740	2.90	28.99	0.10	chr3	N/A	1	304	0.00	72.56
RASEF	26.88	268.47	0.10	chr9	9q21.32	58	1800	281.62	138.76
Hs.656858	30.19	301.82	0.10	chr3	N/A	8	377	138.21	102.99
Hs.734161	40.09	401.28	0.10	chr11	N/A	3	66	162.61	272.74
OR51F2	16.34	163.81	0.10	chr11	11p15.4	11	52	132.08	59.86
Hs.579230	1.92	19.31	0.10	chr17	N/A	1	304	0.00	62.45
LOC100131564	32.17	322.84	0.10	chr1	1p22.1	16	399	62.91	76.97
CLCA4	9.36	94.11	0.10	chr1	1p31-p22	21	457	67.64	290.14
SLPI	99.07	997.35	0.10	chr20	20q12	59	802	176.52	200.51
Hs.665302	6.44	65.12	0.10	chr12	N/A	7	73	64.01	648.43
Hs.661958	3.93	39.80	0.10	chr12	N/A	1	304	0.00	59.08
Hs.662499	2.81	28.52	0.10	chr9	N/A	1	304	0.00	59.31
TMPRSS11E	7.40	75.18	0.10	chr4	4q13.2	21	449	47.21	292.13
LOC100130872	5.94	60.45	0.10	chr4	4p16.3	8	377	47.72	68.25
Hs.707205	6.01	61.32	0.10	chr2	N/A	8	12	22.44	127.61
Hs.607876	3.48	35.76	0.10	chr2	N/A	1	304	0.00	97.75
Hs.133851	4.37	44.96	0.10	chr15	N/A	4	304	68.00	44.47
Hs.677476	3.32	34.15	0.10	chr11	N/A	1	304	0.00	60.65
Hs.659095	5.75	59.22	0.10	chr9	N/A	1	304	0.00	66.77
Hs.656346	3.49	36.10	0.10	chr14	N/A	11	332	30.09	59.65
MOBP	15.22	157.65	0.10	chr3	3p22.1	73	1734	90.04	489.44
AGR2	19.54	202.46	0.10	chr7	7p21.3	38	947	185.48	283.47
MPV17L	15.79	163.62	0.10	chr16	16p13.11	29	416	151.29	111.78
TCP11	13.35	138.50	0.10	chr6	6p21.31	21	453	106.18	521.37
LINC00685	6.47	67.28	0.10	chrX	Xp22.33; Yp11	1	304	0.00	45.02
Hs.249366	4.26	44.37	0.10	chr11	N/A	11	333	47.51	86.02
Hs.599399	4.56	47.53	0.10	chrX	N/A	7	73	42.21	216.11
Hs.668104	1.55	16.12	0.10	chr10	N/A	2	22	103.05	61.85
PLAC8	19.88	207.57	0.10	chr4	4q21.22	44	561	133.80	176.97
SERPINA11	12.04	125.77	0.10	chr14	14q32.13	20	132	85.07	439.68
ELOVL7	8.75	91.35	0.10	chr5	5q12.1	33	496	54.49	140.54
SFTPA2	23.65	248.03	0.10	chr10	10q22.3	44	634	264.39	482.00
Hs.673517	7.88	82.70	0.10	chr12	N/A	1	304	0.00	78.76
KLK11	17.84	187.23	0.10	chr19	19q13.33	33	569	108.75	168.49
Hs.496096	12.76	133.94	0.10	chrX	N/A	8	12	19.48	28.13
MMP7	21.25	223.11	0.10	chr11	11q21-q22	48	661	162.73	408.12
KLK1	20.77	218.16	0.10	chr19	19q13.3	23	493	101.58	363.54
Hs.545727	7.29	76.63	0.10	chr9	N/A	10	73	41.41	583.61
AHNAK2	13.87	145.87	0.10	chr14	14q32.33	49	900	124.48	204.72
KNG1	13.92	146.78	0.09	chr3	3q27	67	1141	105.13	552.00
POTEM	17.98	189.96	0.09	chr14	14q11.2	6	320	63.55	300.47
Hs.656776	3.99	42.40	0.09	chr7	N/A	1	304	0.00	94.19
Hs.613614	11.64	123.58	0.09	chr3	N/A	5	420	80.37	60.53
Hs.533936	13.86	148.63	0.09	chr18	N/A	10	28	67.93	127.93
Hs.83346	4.32	46.30	0.09	chr6	N/A	1	304	0.00	40.69
Hs.659784	11.55	124.01	0.09	chr8	N/A	11	332	132.17	50.09
KRT5	79.63	856.77	0.09	chr12	12q13.13	42	695	342.84	220.80
RBM47	9.72	104.79	0.09	chr4	4p14	66	1948	62.67	173.72
PRB3	36.55	394.06	0.09	chr12	12p13.2	24	454	96.83	407.84
KLK2	15.35	166.11	0.09	chr19	19q13.41	85	2009	96.62	521.63
LCE1B	5.32	57.79	0.09	chr1	1q21.3	17	332	79.85	367.84
ANKRD7	11.32	123.39	0.09	chr7	7q31	35	587	69.91	565.27
CALML5	6.89	75.31	0.09	chr10	10p15.1	49	767	67.50	410.67
Hs.661608	6.04	66.44	0.09	chr15	N/A	1	304	0.00	47.79
TNP1	24.36	269.28	0.09	chr2	2q35-q36	28	543	131.46	521.89
Hs.130470	8.47	93.64	0.09	chr8	N/A	7	73	110.64	760.93
Hs.662501	15.10	168.11	0.09	chr12	N/A	1	304	0.00	53.54
Hs.658285	0.78	8.69	0.09	chr6	N/A	1	304	0.00	66.84
ATP8B1	34.32	384.35	0.09	chr18	18q21.31	36	927	247.40	138.79
Hs.661832	8.87	99.50	0.09	chr3	N/A	14	398	107.70	65.22
CEACAM6	18.47	207.14	0.09	chr19	19q13.2	50	1034	96.79	212.35
Hs.128107	8.28	93.01	0.09	chr2	N/A	13	73	57.65	766.12
Hs.661626	7.62	85.71	0.09	chr1	N/A	1	325	0.00	261.84
Hs.282703	4.54	51.15	0.09	chr2	N/A	2	22	65.96	253.45
CYP2E1	15.08	170.60	0.09	chr10	10q26.3	57	1900	97.26	503.73
Hs.167218	13.55	154.55	0.09	chr11	N/A	7	73	62.51	102.64
Hs.49265	9.62	109.81	0.09	chr4	N/A	10	28	26.47	68.97
Hs.654855	42.83	490.92	0.09	chrX	N/A	12	493	112.46	248.70
Hs.356239	4.13	47.54	0.09	chr9	N/A	10	28	21.52	184.21
CA6	16.86	195.16	0.09	chr1	1p36.2	39	881	200.11	625.90
Hs.616640	0.85	9.90	0.09	chrX	N/A	1	304	0.00	80.21
AMBP	13.47	156.41	0.09	chr9	9q32-q33	33	967	122.87	563.72
Hs.658420	6.35	74.18	0.09	chr6	N/A	11	332	163.15	58.23
LOC284950	0.37	4.31	0.09	chr2	2p11.2	1	304	0.00	94.13
Hs.711299	2.57	30.17	0.09	chr17	N/A	1	304	0.00	97.98
Hs.656149	5.02	59.27	0.08	chr17	N/A	8	377	44.18	69.49
Hs.706985	9.61	113.96	0.08	chr18	N/A	5	425	37.58	154.74
HAUS2	35.34	419.37	0.08	chr15	15q15.2	43	1495	180.13	208.65
C4BPA	17.00	201.76	0.08	chr1	1q32	30	573	84.94	348.92
Hs.722252	12.31	146.35	0.08	chr16	N/A	7	73	46.33	465.32
LOC100134368	4.35	51.91	0.08	chr16	16p13.3	1	319	0.00	248.19
Hs.725773	9.26	110.77	0.08	chr10	N/A	7	73	48.09	394.07
CRNN	41.38	496.21	0.08	chr1	1q21	20	454	80.79	313.55
CPB1	13.58	163.21	0.08	chr3	3q24	30	571	63.94	564.65
Hs.662110	14.01	168.34	0.08	chr18	N/A	1	304	0.00	99.34
Hs.669764	4.20	50.57	0.08	chr20	N/A	1	304	0.00	59.85
Hs.636976	8.19	98.59	0.08	chr1	N/A	1	304	0.00	92.64
C9orf169	10.62	127.95	0.08	chr9	9q34.3	10	313	58.74	203.56
Hs.731407	9.49	114.48	0.08	chr13	N/A	1	304	0.00	99.57
BP1FA2	24.47	295.33	0.08	chr20	20q11.21	9	356	92.78	478.83
SERPINB4	11.23	135.57	0.08	chr18	18q21.3	33	958	72.85	331.37
Hs.604428	8.65	104.51	0.08	chr7	N/A	7	73	79.05	768.68
LOC100286925	1.98	23.91	0.08	chr22	22q11.22	1	304	0.00	51.95

Hs.658320	11.85	143.47	0.08	chr11	N/A	11	332	107.04	61.34
GC	12.70	153.98	0.08	chr4	4q12-q13	37	643	95.10	464.72
SLC22A10	27.31	331.47	0.08	chr11	11q12.3	31	153	203.26	335.52
DEFA5	11.70	143.21	0.08	chr8	8p23.1	23	494	120.02	635.31
SMCP	10.35	127.42	0.08	chr1	1q21.3	30	566	67.75	598.66
LYZ	57.19	707.67	0.08	chr12	12q15	36	919	125.67	206.10
KRT17	16.42	203.41	0.08	chr17	17q21.2	42	1068	137.77	228.64
Hs.672650	5.83	72.36	0.08	chr3	N/A	11	332	167.14	55.25
CMTM2	12.14	152.61	0.08	chr16	16q21	26	457	93.28	518.05
PITX1	6.72	84.62	0.08	chr5	5q31.1	33	963	55.96	261.07
ACPP	16.83	213.28	0.08	chr3	3q22.1	77	1589	397.01	521.98
SAAA4	11.97	151.75	0.08	chr11	11p15.1-p14	119	713	196.35	332.69
Hs.658238	5.80	73.58	0.08	chr4	N/A	7	73	43.56	755.71
Hs.502306	6.29	79.84	0.08	chr11	N/A	1	304	0.00	130.05
Hs.721038	6.40	81.31	0.08	chr21	N/A	6	355	68.88	114.43
PRB1	25.66	326.01	0.08	chr12	12p13.2	45	1450	131.49	342.50
LOC100131541	7.79	99.24	0.08	chr11	11q21	13	348	68.92	66.33
DEFB1	22.44	286.00	0.08	chr8	8p23.1	42	699	89.50	261.32
TCF7	16.67	213.30	0.08	chr5	5q31.1	149	818	159.29	158.92
SPINK2	9.46	121.12	0.08	chr4	4q12	30	566	84.90	458.60
Hs.555936	1.61	20.67	0.08	chrX	N/A	1	304	0.00	46.93
CGA	11.66	150.14	0.08	chr6	6q12-q21	51	925	120.33	671.18
SERPINB3	19.60	253.22	0.08	chr18	18q21.3	38	990	107.00	293.67
Hs.667184	5.51	71.25	0.08	chr14	N/A	2	22	10.12	293.47
LOC441461	25.53	330.92	0.08	chr9	9q31.1	22	709	151.63	159.33
Hs.503388	6.66	86.32	0.08	chr2	N/A	2	22	22.31	314.94
Hs.657600	10.75	139.87	0.08	chr17	N/A	7	73	40.34	754.30
PDZK1IP1	11.59	150.95	0.08	chr1	1p33	48	978	116.88	325.38
Hs.561775	14.63	191.47	0.08	chr8	N/A	7	73	95.06	763.62
NUMBL	46.18	605.71	0.08	chr19	19q13.13-q13.1	30	716	201.39	131.85
Hs.662930	13.96	183.87	0.08	chr1	N/A	10	28	24.97	150.79
Hs.663897	22.94	302.25	0.08	chr5	N/A	8	377	168.85	69.11
Hs.732963	11.29	148.84	0.08	chr3	N/A	1	304	0.00	142.04
Hs.666754	4.12	55.02	0.07	chr7	N/A	11	332	123.97	127.40
ZNF750	5.83	77.78	0.07	chr17	17q25.3	18	459	96.93	217.82
S100A14	28.11	375.45	0.07	chr1	1q21.3	21	461	81.78	217.16
Hs.490817	1.83	24.56	0.07	chr7	N/A	2	22	103.79	53.06
Hs.736922	1.35	18.05	0.07	chr12	N/A	1	304	0.00	48.95
FAM3D	10.64	143.41	0.07	chr3	3p14.2	40	607	68.72	217.44
Hs.661337	9.33	126.14	0.07	chr8	N/A	7	73	72.12	740.21
Hs.662478	12.87	175.34	0.07	chr20	N/A	7	73	69.88	166.30
Hs.200266	3.89	53.41	0.07	chr12	N/A	1	304	0.00	66.28
Hs.658524	7.86	108.14	0.07	chr15	N/A	1	304	0.00	60.79
FGB	15.69	218.94	0.07	chr4	4q28	79	1268	136.10	486.87
ORM2	18.20	254.81	0.07	chr9	9q32	28	534	83.76	474.37
Hs.705513	21.60	304.15	0.07	chr4	N/A	7	73	60.39	409.53
Hs.668428	1.12	15.72	0.07	chr7	N/A	1	304	0.00	69.39
TNNC2	35.05	495.76	0.07	chr20	20q12-q13.11	23	501	76.36	339.99
NOTCH2NL	22.51	318.90	0.07	chr1	1q21.2	88	1038	113.95	124.08
Hs.664691	10.91	154.95	0.07	chr3	N/A	7	73	76.38	731.60
GSTA5	4.83	68.74	0.07	chr6	6p12.2	16	36	57.46	132.77
Hs.666767	3.79	53.96	0.07	chr8	N/A	1	304	0.00	109.21
Hs.723371	1.53	21.94	0.07	chr14	N/A	1	304	0.00	85.19
DEFA6	7.61	108.84	0.07	chr8	8p23.1	33	528	70.72	650.50
LYPD3	19.36	278.48	0.07	chr19	19q13.31	40	593	116.40	239.60
C15orf48	11.43	165.89	0.07	chr15	15q21.1	32	466	64.06	226.33
LOC728093	19.87	288.59	0.07	chr5	5q21.1	7	459	181.84	97.62
KLF5	15.37	224.15	0.07	chr13	13q22.1	38	948	92.76	150.03
Hs.665611	8.02	117.23	0.07	chr16	N/A	1	304	0.00	43.22
FGL1	21.22	311.76	0.07	chr8	8p22	52	643	93.16	384.95
PMP2	19.53	289.13	0.07	chr8	8q21.3-q22.1	50	929	239.57	297.50
Hs.680881	4.08	60.56	0.07	chr12	N/A	1	304	0.00	64.72
C8orf22	6.70	99.91	0.07	chr8	8q11	17	336	89.41	375.29
Hs.658408	64.90	969.53	0.07	chr13	N/A	7	73	81.76	153.61
Hs.681718	0.41	6.23	0.07	chr2	N/A	1	304	0.00	84.31
ALDH3A1	13.35	201.63	0.07	chr17	17p11.2	30	569	101.00	303.79
OLFM4	14.07	212.59	0.07	chr13	13q14.3	43	592	125.59	351.46
PCDHA6	13.84	209.31	0.07	chr5	5q31	10	73	123.51	741.03
FABP1	10.20	154.38	0.07	chr2	2p11	36	1294	129.58	561.59
Hs.734054	13.59	206.31	0.07	chr4	N/A	7	73	122.88	751.93
LOC286184	0.88	13.39	0.07	chr8	8q12.3	1	304	0.00	60.70
KRT15	27.79	422.27	0.07	chr17	17q21.2	30	569	79.46	205.18
Hs.584795	11.25	171.56	0.07	chr18	N/A	1	304	0.00	113.91
FLG	8.67	132.46	0.07	chr1	1q21.3	43	547	103.99	411.97
Hs.654670	4.94	75.95	0.07	chr8	N/A	5	420	28.30	618.56
EPCAM	16.94	262.03	0.06	chr2	2p21	33	577	115.10	216.57
KRT6A	29.62	461.87	0.06	chr12	12q13.13	28	939	138.65	320.09
SPRR2D	35.33	553.75	0.06	chr1	1q21-q22	29	504	167.16	307.64
Hs.694101	3.61	56.85	0.06	chr16	N/A	1	304	0.00	52.94
Hs.496631	12.71	199.98	0.06	chrX	N/A	23	421	61.46	180.23
TG	26.44	416.76	0.06	chr8	8q24	30	571	70.41	485.06
S100A2	30.73	484.89	0.06	chr1	1q21	32	610	94.30	268.48
C6orf58	8.73	137.98	0.06	chr6	6q22.33	30	716	66.52	493.13
Hs.662047	5.36	84.89	0.06	chrX	N/A	1	304	0.00	65.11
MUC7	13.39	213.07	0.06	chr4	4q13.3	37	1032	112.19	511.81
Hs.664673	2.72	43.45	0.06	chr19	N/A	1	304	0.00	111.57
AQP12A	13.32	214.58	0.06	chr2	2q37.3	17	332	127.64	108.16
Hs.598687	12.21	199.25	0.06	chr4	N/A	7	73	123.52	778.90
TMPRSS11B	11.06	180.93	0.06	chr4	4q13.2	14	332	147.23	272.97
CST2	13.49	221.21	0.06	chr20	20p11.21	21	453	91.39	495.45
LOC100652783	2.61	42.79	0.06	chr5	N/A	2	39	68.27	59.02
Hs.541808	12.42	204.24	0.06	chr2	N/A	10	73	83.70	715.29
AMY2A	61.99	1,027.84	0.06	chr1	1p21	23	51	151.84	263.71

CXCL13	9.04	149.99	0.06	chr4	4q21	30	569	72.10	350.78
Hs.585044	0.30	5.02	0.06	chr2	N/A	1	304	0.00	92.50
Hs.374460	8.16	137.46	0.06	chrX	N/A	11	332	195.40	52.22
Hs.435736	4.12	69.90	0.06	chr22	N/A	1	304	0.00	265.82
SBSN	26.31	449.27	0.06	chr19	19q13.13	7	304	65.41	225.88
CDH1	14.13	241.48	0.06	chr16	16q22.1	73	1399	143.03	183.09
Hs.600088	12.12	210.03	0.06	chrX	N/A	7	73	96.09	275.59
PIRT	5.92	102.68	0.06	chr17	17p12	1	304	0.00	224.13
TTR	18.17	315.25	0.06	chr18	18q12.1	44	719	111.51	410.22
LINC00684	1.04	18.08	0.06	chrX	Xq13.2	1	304	0.00	349.27
Hs.666722	0.53	9.28	0.06	chr16	N/A	1	304	0.00	56.20
Hs.595302	5.14	89.91	0.06	chr17	N/A	11	332	137.62	79.14
IGJ	33.67	593.98	0.06	chr4	4q21	47	675	100.34	230.35
Hs.710901	1.30	23.57	0.06	chr22	N/A	1	304	0.00	61.09
EHF	7.15	129.45	0.06	chr11	11p12	50	2153	71.89	246.04
PXN-AS1	0.93	17.09	0.05	chr12	N/A	1	304	0.00	66.44
RAB25	10.30	190.38	0.05	chr1	1q22	28	529	76.29	178.58
Hs.173704	7.13	133.19	0.05	chr1	N/A	11	332	36.77	167.26
Hs.677802	1.22	22.99	0.05	chr18	N/A	1	304	0.00	84.13
CSH2	13.53	256.43	0.05	chr17	17q24.2	36	1723	151.81	510.13
Hs.269386	7.45	141.31	0.05	chr2	N/A	10	28	32.70	153.08
Hs.365692	0.70	13.33	0.05	chr5	N/A	1	313	0.00	221.26
PRL	15.71	301.38	0.05	chr6	6p22.2-p21.3	40	593	107.53	529.62
PRR4	34.38	661.39	0.05	chr12	12p13	32	581	61.22	323.08
Hs.596373	7.51	146.29	0.05	chrX	N/A	7	73	29.76	775.58
SAAI	37.91	739.55	0.05	chr11	11p15.1	39	162	132.17	265.20
Hs.171169	3.09	60.51	0.05	chr8	N/A	2	22	13.12	107.70
PRM1	14.80	293.01	0.05	chr16	16p13.2	30	565	68.72	529.54
Hs.703454	6.13	123.78	0.05	chr19	N/A	10	73	45.15	355.49
Hs.666690	0.99	19.97	0.05	chr7	N/A	1	304	0.00	74.47
SFN	45.39	920.93	0.05	chr1	1p36.11	42	1456	131.22	227.73
PLP1	29.69	610.76	0.05	chrX	Xq22	36	559	127.68	283.39
Hs.676392	0.69	14.22	0.05	chr1	N/A	1	304	0.00	58.82
APOH	10.87	223.73	0.05	chr17	17q24.2	41	904	148.11	547.99
KRT6B	20.69	428.71	0.05	chr12	12q13.13	46	1014	100.05	288.35
KRT1	27.56	572.30	0.05	chr12	12q13.13	28	549	66.88	356.78
FGG	11.65	243.95	0.05	chr4	4q28	30	805	191.24	389.64
Hs.131212	6.00	126.38	0.05	chr12	N/A	7	73	61.26	797.94
FLG2	7.98	168.37	0.05	chr1	1q21.3	9	356	87.03	421.54
CTRB1	6.55	139.44	0.05	chr16	16q23.1	26	501	85.73	631.96
CRISP3	7.77	166.49	0.05	chr6	6p12.3	51	790	101.05	358.02
CST1	14.69	317.57	0.05	chr20	20p11.21	28	543	140.76	504.51
ATP2A1	11.45	252.35	0.05	chr16	16p12.1	35	498	71.76	399.47
FAM161B	33.35	737.21	0.05	chr14	14q24.3	19	384	230.15	77.89
Hs.595652	8.47	188.23	0.05	chr4	N/A	7	73	83.71	657.82
LY6D	12.05	269.22	0.04	chr8	8q24	28	548	81.79	299.56
KRT14	27.91	628.36	0.04	chr17	17q12-q21	43	612	101.28	274.33
LTF	26.18	589.56	0.04	chr3	3p21.31	30	586	128.44	260.68
Hs.667814	25.75	585.72	0.04	chr2	N/A	7	73	75.16	231.99
Hs.633610	38.04	868.07	0.04	chr17	N/A	7	73	70.72	152.40
MUCL1	8.03	185.28	0.04	chr12	12q	24	407	62.81	329.21
Hs.658745	1.27	29.43	0.04	chr15	N/A	1	304	0.00	111.23
Hs.713827	15.19	354.22	0.04	chr2	N/A	7	73	105.41	189.09
ORM1	14.37	335.44	0.04	chr9	9q31-q32	31	939	89.61	424.02
Hs.661454	37.88	893.64	0.04	chr3	N/A	16	548	183.88	104.33
Hs.559848	0.60	14.13	0.04	chr10	N/A	2	22	72.19	65.10
FDCSP	9.25	218.79	0.04	chr4	4q13	14	347	35.33	347.74
Hs.606266	1.23	29.18	0.04	chr6	N/A	1	304	0.00	67.64
Hs.566286	0.71	16.83	0.04	chr5	N/A	1	304	0.00	48.03
Hs.135737	10.69	254.86	0.04	chr18	N/A	2	22	49.58	440.42
Hs.666143	0.68	16.22	0.04	chr2	N/A	1	304	0.00	109.30
GJB6	8.53	205.64	0.04	chr13	13q12	20	338	54.80	207.77
APOC3	9.10	221.03	0.04	chr11	11q23.3	24	800	171.43	552.53
Hs.655631	7.61	185.56	0.04	chr1	N/A	1	304	0.00	78.80
GSTA2	9.70	236.75	0.04	chr6	6p12.1	44	687	84.38	249.61
SPRR1B	22.05	542.78	0.04	chr1	1q21-q22	38	579	104.90	276.96
LOR	7.68	189.68	0.04	chr1	1q21	33	509	56.06	415.51
HTN1	12.35	306.22	0.04	chr4	4q13	21	453	132.77	472.33
Hs.596876	11.02	275.33	0.04	chr12	N/A	17	101	41.49	343.55
Hs.659431	0.91	22.96	0.04	chr2	N/A	1	304	0.00	57.38
DAPL1	4.90	124.98	0.04	chr2	2q24.1	21	413	71.90	181.54
Hs.149950	5.83	154.03	0.04	chr12	N/A	7	73	50.77	752.66
Hs.562063	6.13	164.61	0.04	chrX	N/A	2	22	35.73	430.41
Hs.606045	0.51	13.96	0.04	chr15	N/A	1	304	0.00	43.38
KRT78	6.66	184.27	0.04	chr12	12q13.13	25	713	73.68	267.68
HTN3	11.89	338.10	0.04	chr4	4q13	26	492	105.87	494.77
KRT4	13.86	416.04	0.03	chr12	12q13.13	35	989	106.78	390.04
PIP	17.33	525.79	0.03	chr7	7q34	44	735	73.28	334.01
SPINK5	13.94	429.06	0.03	chr5	5q32	30	569	71.37	287.23
GJB2	7.65	240.41	0.03	chr13	13q11-q12	47	560	112.09	274.87
Hs.644952	2.72	85.59	0.03	chr6	N/A	5	425	36.55	125.41
Hs.126115	6.28	198.17	0.03	chr15	N/A	7	73	42.49	783.17
Hs.635247	3.90	124.85	0.03	chr1	N/A	2	22	90.48	404.59
Hs.657154	0.38	12.38	0.03	chr3	N/A	1	304	0.00	109.42
NEFH	15.19	522.64	0.03	chr22	22q12.2	35	996	104.20	274.75
Hs.658447	1.10	38.27	0.03	chr16	N/A	1	304	0.00	80.41
Hs.599244	0.49	17.41	0.03	chr10	N/A	1	304	0.00	119.13
SMR3B	8.01	288.96	0.03	chr4	4q13.3	33	567	98.55	482.78
RHCG	11.44	415.17	0.03	chr15	15q25	28	526	69.55	314.68
GH1	10.31	374.00	0.03	chr17	17q24.2	49	2553	113.15	508.30
Hs.709003	15.79	592.07	0.03	chr1	N/A	3	320	96.63	252.35
PRM2	8.03	304.03	0.03	chr16	16p13.2	33	558	100.92	532.30
PRB2	5.64	213.62	0.03	chr12	12p13.2	18	67	65.40	385.45

Hs.127092	3.60	137.82	0.03	chr16	N/A	3	66	14.28	762.69
SPRR2A	12.93	499.11	0.03	chr1	1q21-q22	8	63	49.61	321.00
Hs.659887	0.83	32.72	0.03	chr4	N/A	1	304	0.00	49.96
TOMM20L	33.12	1,385.64	0.02	chr14	14q23.1	16	28	79.02	180.05
Hs.663233	47.07	2,010.27	0.02	chr10	N/A	14	146	76.91	176.90
CSTA	20.81	956.25	0.02	chr3	3q21	40	601	156.89	243.74
STATH	10.87	501.59	0.02	chr4	4q13.3	26	504	90.35	353.37
Hs.727036	25.88	1,209.56	0.02	chr1	N/A	1	304	0.00	225.65
KRTDAP	10.00	471.50	0.02	chr19	19q13.12	26	460	85.43	356.47
KRT13	20.92	1,049.25	0.02	chr17	17q12-q21.2	42	661	123.47	279.48
MSMB	10.32	519.64	0.02	chr10	10q11.2	65	1162	106.00	348.41
SCGB3A1	13.08	663.23	0.02	chr5	5q35-qter	17	337	32.16	326.67
SPRR3	20.67	1,117.45	0.02	chr1	1q21-q22	28	526	67.13	279.23
Hs.720020	7.19	399.14	0.02	chr10	N/A	10	73	46.82	411.17
Hs.605373	5.12	316.85	0.02	chr15	N/A	7	73	46.73	383.85
BPIFB1	6.89	456.21	0.02	chr20	20q11.21	25	462	87.51	401.41
ZG16B	10.54	708.46	0.01	chr16	16p13.3	21	416	70.61	316.85
Hs.663101	7.99	598.63	0.01	chr13	N/A	7	73	44.38	374.51