

SMultiXcan Gene Based Associations with Human Cigarettes per Day

SYMBOL	GENE	pvalue	n	n_indep	p_i_best	t_i_best	p_i_worst	t_i_worst		
	eigen_max	eigen_min	eigen_min_kept		z_min	z_max	z_mean	z_sd	tmi	status
	Padj									
PSMA4	ENSG00000041357	1.15E-15	9.11E-75	7	6	1.12E-47	Brain_Cerebellar_Hemisphere			
	0.208357105	Brain_Hippocampus			3.594363174		0.061213637			
	0.278209238	1.258095819	14.50553561		8.811804005		4.654057564			
	6	0	1.27E-70							
CHRNA3	ENSG00000080644	1.15E-15	1.53E-34	4	2	8.29E-28	Brain_Cerebellum			
	0.814606663	Brain_Caudate_basal_ganglia			2.920292675		0.006243077			
	0.996774342	-10.92996246	-0.234487337		-5.709531813		4.369693572			
	2	0	1.07E-30							
TMED3	ENSG00000166557	1.12E-12	2.21E-22	2	2	5.30E-23	Brain_Hippocampus			
	0.202503262	Brain_Cortex			1.020835119		0.979164881		0.979164881	
	-1.274452032	9.875898294	4.300723131		7.884488328		2	0		
	1.03E-18									
HYKK	ENSG00000188266	1.13E-13	3.83E-20	7	7	1.07E-13	Brain_Hippocampus			
	0.937099391	Brain_Hypothalamus			3.440026804		0.145169841			
	0.145169841	-2.009102164	7.431531126		2.81366038		3.251979963			7
	0	1.34E-16								
ADAMTS7	ENSG00000136378	1.14E-14	3.77E-19	8	6	3.93E-15	Brain_Cortex			
	0.470423982	Brain_Hippocampus			4.84663216		0.006777619		0.214068576	
	-6.164938088	7.857184785	2.055342416		3.94664666	6	0	1.06E-15		
ITPKC	ENSG00000086544	1.2E-02	9.35E-14	5	5	5.68E-10	Brain_Caudate_basal_ganglia			
	0.870271234	Brain_Hippocampus			1.834228408		0.350912012			
	0.350912012	-6.198999491	3.828273135		-0.401565122		3.679525496			
	5	0	2.18E-10							
CHRNA5	ENSG00000169684	1.13E-13	1.86E-12	13	1	6.39E-13				
	Brain_Caudate_basal_ganglia		2.90E-10		Brain_Hippocampus		12.62357666			
	1.59E-06	12.62357666	-7.191807679		-6.304004005		-6.940295044			
	0.255852918	1	0	3.71E-09						
C19orf54	ENSG00000188493	1.14E-14	2.33E-12	9	9	6.63E-14				
	Brain_Anterior_cingulate_cortex_BA24		0.932413278		Brain_Amygdala					
	2.077687916	0.381808461	0.381808461		-7.494949818		1.618138038			
	-1.529294482	3.060723419	9	0	4.07E-09					
LINGO1	ENSG00000169783	1.12E-12	2.03E-09	10	8	0.002385685				
	Brain_Caudate_basal_ganglia		0.992381569		Brain_Cerebellum		5.241925125			
	0.069455557	0.20358286	-3.037475881		2.709222255		0.322175542			
	1.598356919	8	0	3.16E-06						
CEACAM21	ENSG00000007129	1.17E-17	6.16E-09	6	5	5.72E-08				
	Brain_Spinal_cord_cervical_c-1		0.536848875		Brain_Cerebellar_Hemisphere					
	3.139853869	0.049666597	0.474001977		-5.427362537		0.88558747			
	-1.572432679	2.222787146	5	0	8.51E-06					
CTSH	ENSG00000103811	1.15E-15	6.69E-09	7	7	2.61E-08	Brain_Cortex			
	0.845266162	Brain_Caudate_basal_ganglia			2.723100099		0.203952269			
	0.203952269	-2.616055179	5.565638246		1.883934096		2.801573693			
	7	0	8.51E-06							
CYP2A7	ENSG00000198077	1.10E-10	2.90E-08	7	3	2.66E-10	Brain_Hippocampus			
	0.655036491	Brain_Substantia_nigra			5.652039461		0.028602404			
	0.439631432	0.44677643	6.317168215		3.410717412		2.206875713			3
	0	3.39E-05								
RPS19	ENSG00000105372	1.26E-06	2.07E-07	3	3	1.54E-05				
	Brain_Anterior_cingulate_cortex_BA24		0.049518114		Brain_Cerebellum					
	1.382301503	0.673482695	0.673482695		-4.322611544		1.964103299			
	-1.627566969	3.237846368	3	0	0.000222426					
CRABP1	ENSG00000166426	1.27E-07	3.36E-07	6	6	3.34E-09				
	Brain_Frontal_Cortex_BA9		0.25615261		Brain_Hypothalamus		2.972728001			
	0.163243275	0.163243275	-5.913818856		-1.135531694		-2.535215959			
	1.887066478	6	0	0.0003358						
RCC1L	ENSG00000274523	1.24E-04	6.38E-07	2	2	3.30E-06	Brain_Cortex			
	0.000295165	Brain_Putamen_basal_ganglia			1.228631619		0.771368381			

	0.771368381	3.619506502	4.651282184	4.135394343	0.729575581				
	2	0	0.000595543						
SNRPA	ENSG00000077312.8	4.34E-06	2	2	1.57E-06	Brain_Cerebellum			
	0.622342244	Brain_Cerebellar_Hemisphere	1.35210494	0.64789506	0.64789506				
	0.492533502	4.801769434	2.647151468	3.047089949	2	0			
	0.003793986								
IDH3A	ENSG00000166411.13	8.14E-06	4	3	8.25E-06	Brain_Cerebellum	0.84397089		
	Brain_Cerebellar_Hemisphere	2.589062982	0.077903822	0.60061939					
	-0.438636529	4.458560564	1.195682818	2.214468839	3	0			
	0.006452496								
GATSL2	ENSG00000274070.1	8.30E-06	5	5	0.00021917	Brain_Cortex			
	0.752416876	Brain_Nucleus_accumbens_basal_ganglia	1.742488794						
	0.187392322	0.187392322	-3.69582982	1.94830926	-1.333669855				
	2.331839247	5	0	0.006452496					
ACSBG1	ENSG00000103740.9	2.40E-05	1	1	2.40E-05				
	Brain_Spinal_cord_cervical_c-1	2.40E-05	Brain_Spinal_cord_cervical_c-1	1					
	1	1	4.22354272	4.22354272	4.22354272	NA	1	0	0.017709054
GTF2I	ENSG00000263001.5	2.56E-05	12	2	2.19E-06	Brain_Putamen_basal_ganglia			
	0.001254019	Brain_Cerebellar_Hemisphere	11.14287432	6.44E-05					
	0.390194078	3.226299924	4.735482563	4.346388192	0.465681939				
	2	0	0.017939002						
RASGRF1	ENSG00000058335.15	2.74E-05	3	3	7.20E-05				
	Brain_Cerebellar_Hemisphere	0.945765619	Brain_Cerebellum	1.760444875					
	0.518226103	0.518226103	-0.382870327	3.96973357	1.172946033				
	2.42719947	3	0	0.018249292					
CTSL	ENSG00000135047.14	3.37E-05	1	1	3.37E-05				
	Brain_Anterior_cingulate_cortex_BA24	3.37E-05							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	4.146762063				
	4.146762063	4.146762063	NA	1	0	0.021445034			
DNAJC24	ENSG00000170946.14	4.08E-05	1	1	4.08E-05	Brain_Cortex			
	4.08E-05	Brain_Cortex	1	1	4.102783507	4.102783507			
	4.102783507	NA	1	0	0.024831542				
B9D2	ENSG00000123810.7	4.80E-05	2	2	8.22E-06	Brain_Hypothalamus			
	0.85974164	Brain_Hippocampus	1.044445453	0.955554547	0.955554547				
	-4.459415926	-0.176703056	-2.318059491	3.028335312	2	0			
	0.028006714								
GTF2IRD2	ENSG00000196275.13	6.71E-05	13	1	2.75E-05	Brain_Hypothalamus			
	0.001031117	Brain_Substantia_nigra	12.53548127	7.06E-06					
	12.53548127	3.281895824	4.193034437	3.913937219	0.269329277				
	1	0	0.037538368						
ADAR	ENSG00000160710.15	7.59E-05	4	4	0.001301464	Brain_Cortex			
	0.366772752	Brain_Putamen_basal_ganglia	1.742273967	0.589760564					
	0.589760564	-3.215656847	1.14277502	-1.051156896	2.397782959	4			
	0	0.040864456							
CH25H	ENSG00000138135.6	0.000115643	5	5	0.019162215				
	Brain_Hypothalamus	0.95601526	Brain_Putamen_basal_ganglia	2.688399639					
	0.166313176	0.166313176	-2.342360125	1.965669599	-0.088099616				
	1.638289326	5	0	0.059924344					
SYNDIG1	ENSG00000101463.5	0.000233803	2	2	0.003756721				
	Brain_Cerebellum	0.012157837	Brain_Caudate_basal_ganglia	1.12278424	0.87721576				
	0.87721576	2.507529694	2.897898562	2.702714128	0.276032474	2			
	0	0.116826412							
SRR	ENSG00000167720.12	0.000244933	13	4	7.75E-05				
	Brain_Cerebellar_Hemisphere	0.140821926	Brain_Substantia_nigra						
	9.437325899	5.76E-05	0.728785444	-1.472737149	3.952057725				
	3.034190338	1.490600264	4	0	0.118167683				
TMEM91	ENSG00000142046.14	0.000265629	3	3	0.003246816				
	Brain_Cerebellum	0.013463572	Brain_Frontal_Cortex_BA9	1.181633527					
	0.807973441	0.807973441	2.471265756	2.943349527	2.676910053				
	0.241842535	3	0	0.123880421					
RP11-431D12.1	ENSG00000253839.1	0.000277351	1	1	0.000277351				
	Brain_Cortex	0.000277351	Brain_Cortex	1	1	1	-3.635584321		

	-3.635584321	-3.635584321	NA	1	0	0.125174883			
PCOLCE	ENSG00000106333.12	0.000304074		2	2	5.72E-05			
	Brain_Spinal_cord_cervical_c-1	0.714440854					Brain_Frontal_Cortex_BA9		
	1.101576216	0.898423784	0.898423784			-4.024254524		-0.365898449	
	-2.195076486	2.586848389		2	0	0.132946685			
DCAF7	ENSG00000136485.14	0.000401388		3	3	0.001255442			
	Brain_Hypothalamus	0.511284912					Brain_Cerebellum1.597824243		
	0.283617114	0.283617114	-0.953139201			3.22597517	0.538665899		
	2.331988829	3	0	0.166269998					
C8orf44	ENSG00000213865.7	0.000404058		2	2	0.000160052			
	Brain_Nucleus_accumbens_basal_ganglia	0.224657188					Brain_Substantia_nigra		
	1.010730483	0.989269517	0.989269517			-3.774930626		-1.214237123	
	-2.494583874	1.81068374	2	0	0.166269998				
SPATA33	ENSG00000167523.13	0.000438064		7	6	9.67E-06			
	Brain_Hippocampus	0.177661179					Brain_Caudate_basal_ganglia4.757660561		
	0.112663073	0.220440255	-4.424425869			-1.347991304		-2.91367749	
	1.036109748	6	0	0.173037995					
RP11-560J1.2	ENSG00000271888.1	0.000445241		1	1	0.000445241			
	Brain_Hypothalamus	0.000445241					Brain_Hypothalamus	1	1
	-3.511705511	-3.511705511	-3.511705511	NA	1	0		0.173037995	
PSMC3	ENSG00000165916.8	0.000551113		5	3	6.51E-05		Brain_Cerebellum	
	0.721444315	Brain_Cortex	3.529693715			0.001853746		0.466381735	
	-3.993536304	-0.356529164	-3.075129558			1.545379895		3	0
	0.208395282								
KCNC2	ENSG00000166006.12	0.000607862		1	1	0.000607862			
	Brain_Hypothalamus	0.000607862					Brain_Hypothalamus	1	1
	-3.428081701	-3.428081701	-3.428081701	NA	1	0		0.221406245	
GOLGA8K	ENSG00000249931.4	0.00062192		1	1	0.00062192			
	Brain_Caudate_basal_ganglia	0.00062192					Brain_Caudate_basal_ganglia1	1	1
	-3.421870232	-3.421870232	-3.421870232	NA	1	0		0.221406245	
LINC02166	ENSG00000260259.1	0.000632996		8	7	9.24E-06			
	Brain_Nucleus_accumbens_basal_ganglia	0.535861738					Brain_Hippocampus		
	4.11449395	0.016610905	0.168004228			-0.710570216		4.434342133	
	1.789194651	1.754114568	7	0	0.221406245				
TACO1	ENSG00000136463.7	0.000664557		1	1	0.000664557			
	Brain_Hypothalamus	0.000664557					Brain_Hypothalamus	1	1
	3.403798673	3.403798673	3.403798673	NA	1	0		0.226776076	
NUP93	ENSG00000102900.12	0.000687166		5	4	0.00517363			
	Brain_Anterior_cingulate_cortex_BA24	0.51957175					Brain_Spinal_cord_cervical_c-1		
	3.523263818	0.035234664	0.184052696			-0.64400568		2.796019357	
	1.120994105	1.246096234	4	0	0.228908066				
SNAPC4	ENSG00000165684.4	0.000769781		6	4	0.002844685			
	Brain_Caudate_basal_ganglia	0.925452566					Brain_Frontal_Cortex_BA9	4.1905262	
	0.053790225	0.26966215	-2.984041196			0.093567703		-1.295820572	
	1.147456242	4	0	0.249500968					
RP11-178C3.2	ENSG00000267302.5	0.00078465		2	1	0.000653505			
	Brain_Cerebellar_Hemisphere	0.000976486					Brain_Cerebellum1.993624022		
	0.006375978	1.993624022	3.297215385			3.40837728		3.352796333	
	0.07860333	1	0	0.249500968					
CKB	ENSG00000166165.12	0.000859469		1	1	0.000859469		Brain_Amygdala	
	0.000859469	Brain_Amygdala	1	1	1	-3.332896651		-3.332896651	
	-3.332896651	NA	1	0	0.267218343				
RPS7	ENSG00000171863.12	0.000892541		1	1	0.000892541		Brain_Cerebellum	
	0.000892541	Brain_Cerebellum1	1	1	1	3.322376728		3.322376728	
	3.322376728	NA	1	0	0.271468283				
APH1A	ENSG00000117362.12	0.000986484		2	2	0.000307767			
	Brain_Putamen_basal_ganglia	0.002336827					Brain_Cortex	1.933459148	
	0.066540852	0.066540852	3.043706933			3.608673283		3.326190108	
	0.399491537	2	0	0.293657537					
ACP6	ENSG00000162836.11	0.001042403		13	2	0.00010538			
	Brain_Frontal_Cortex_BA9	0.012563203					Brain_Cerebellum11.33347419		
	0.00412239	0.722432278	-3.877859144			-2.495916895		-3.2658279	

0.345806222	2	0	0.303838725						
NUDT1	ENSG00000106268.15	0.001095913	1	1	0.001095913		Brain_Cerebellum		
0.001095913	Brain_Cerebellum1	1	1	-3.264670859		-3.264670859			
-3.264670859	NA	1	0	0.312916835					
PHYHIP	ENSG00000168490.13	0.001204694	3	3	0.005350001				
Brain_Hypothalamus	0.386390909			Brain_Cerebellum1.067665989					
0.949178493	0.949178493	-2.785167929		0.866181004		-1.51100915			
2.060484389	3	0	0.325924914						
RNF180	ENSG00000164197.11	0.001205967	10	6	0.097726967				
Brain_Anterior_cingulate_cortex_BA24	0.428634776			Brain_Putamen_basal_ganglia					
6.919028902	0.030157983	0.250444283		-1.65597458		1.288682493			
0.276352658	1.175371108	6	0	0.325924914					
FUBP1	ENSG00000162613.16	0.001214182	1	1	0.001214182		Brain_Cerebellum		
0.001214182	Brain_Cerebellum1	1	1	-3.235527591		-3.235527591			
-3.235527591	NA	1	0	0.325924914					
PRR12	ENSG00000126464.13	0.001247894	7	4	0.026302631				
Brain_Frontal_Cortex_BA9	0.43446118	Brain_Hypothalamus		5.703158076					
0.015139554	0.23095158	-0.781580449		2.221714124		1.543343986			
1.082276294	4	0	0.325924914						
RP11-324L17.1	ENSG00000272551.1	0.001257948	3	3	0.00716708				
Brain_Cortex	0.495792388	Brain_Frontal_Cortex_BA9		1.154293586					
0.840963632	0.840963632	-2.607657802		2.688979603		-0.199934406			
2.680904745	3	0	0.325924914						
ACACA	ENSG00000278540.4	0.001355985	3	2	0.000321084		Brain_Amygdala		
0.006800184	Brain_Cortex	2.566812994		0.058923105		0.374263901			
2.706474348	3.597667303	3.09805245	0.455313272	2	0				
0.344938046									
HIST1H4E	ENSG00000276966.2	0.001388518	1	1	0.001388518				
Brain_Spinal_cord_cervical_c-1	0.001388518	Brain_Spinal_cord_cervical_c-1							
1	1	1	3.197027313	3.197027313		3.197027313	NA	1	0
0.345229743									
SPDYE5	ENSG00000170092.14	0.001408346	7	6	0.000104781				
Brain_Caudate_basal_ganglia	0.330017158	Brain_Spinal_cord_cervical_c-1							
3.415112476	0.030622218	0.142950662		0.974079317		3.879244328			
2.486753314	1.103727673	6	0	0.345229743					
TMPRSS6	ENSG00000187045.16	0.001454904	1	1	0.001454904				
Brain_Nucleus_accumbens_basal_ganglia	0.001454904								
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-3.183531188					
-3.183531188	-3.183531188	NA	1	0	0.345229743				
POM121C	ENSG00000272391.5	0.001455833	5	4	6.77E-05				
Brain_Spinal_cord_cervical_c-1	0.834266141	Brain_Substantia_nigra							
2.798479902	0.079674489	0.145869942		0.20923327		3.984203681			
2.381415109	1.578766025	4	0	0.345229743					
COL20A1	ENSG00000101203.16	0.001494202	3	3	0.000595849				
Brain_Nucleus_accumbens_basal_ganglia	0.859985182	Brain_Cerebellum							
1.078913056	0.910782368	0.910782368		0.176393027		3.433496737			
1.882992228	1.63415278	3	0	0.348422905					
PKD2	ENSG00000118762.7	0.001580156	5	5	0.003528318				
Brain_Caudate_basal_ganglia	0.093332527	Brain_Cortex		1.610893608					
0.477291444	0.477291444	-1.730215153		2.917515795		0.770010224			
2.280610695	5	0	0.362425692						
PTPRJ	ENSG00000149177.12	0.001697628	7	7	0.00034602				
Brain_Caudate_basal_ganglia	0.947792029	Brain_Spinal_cord_cervical_c-1							
3.559356523	0.146328777	0.146328777		-1.187770161		3.578161396			
1.115647425	1.897056675	7	0	0.376767286					
CTD-2189E23.1	ENSG00000267723.1	0.001724351	7	7	0.053971691				
Brain_Frontal_Cortex_BA9	0.864668016	Brain_Caudate_basal_ganglia							
1.895151691	0.112009677	0.112009677		-1.927063704		1.891287496			
0.297292805	1.354917242	7	0	0.376767286					
NUMBL	ENSG00000105245.9	0.00178662	2	2	0.001012255		Brain_Cerebellum		
0.001198725	Brain_Cerebellar_Hemisphere	1.683327913		0.316672087					
0.316672087	-3.287098176	-3.239183341		-3.263140759		0.033880904			

	2	0	0.376767286						
PAPD4	ENSG00000164329.13	0.001805428	1	1	0.001805428	Brain_Cerebellum			
	0.001805428	Brain_Cerebellum1	1	1	-3.120502471	-3.120502471			
	-3.120502471	NA	1	0	0.376767286				
RECK	ENSG00000122707.11	0.001854036	1	1	0.001854036				
	Brain_Nucleus_accumbens_basal_ganglia	0.001854036							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-3.1126694	-3.1126694			
	-3.1126694	NA	1	0	0.376767286				
GDPD3	ENSG00000102886.14	0.001866245	7	6	0.001050645				
	Brain_Caudate_basal_ganglia	0.989789699			Brain_Putamen_basal_ganglia				
	2.296288808	0.058782552	0.422226786		-3.276601566	2.203070283			
	-1.165636433	1.940156	6	0	0.376767286				
MAMSTR	ENSG00000176909.11	0.001900827	12	9	0.015393818				
	Brain_Frontal_Cortex_BA9	0.998731237			Brain_Cerebellar_Hemisphere				
	5.736474738	0.00071382	0.245012146		-2.422978968	1.903004155			
	0.398002137	1.154516514	9	0	0.376767286				
ACE	ENSG00000159640.15	0.001909736	4	3	0.000864873	Brain_Cortex			
	0.744149819	Brain_Cerebellar_Hemisphere	3.032963825		0.057241166				
	0.271715713	-3.331152201	-0.32636288		-2.312077125	1.382576542			
	3	0	0.376767286						
JAK1	ENSG00000162434.11	0.001917618	5	2	0.016628775	Brain_Cortex			
	0.986046597	Brain_Caudate_basal_ganglia	4.481754684		0.00081114				
	0.349827929	-0.017488888	2.394814513		1.787115672	1.043371796			
	2	0	0.376767286						
DHRS1	ENSG00000157379.13	0.001929672	13	2	0.00111992				
	Brain_Cerebellar_Hemisphere	0.969447285			Brain_Spinal_cord_cervical_c-1				
	11.49684592	0.001615773	0.687605125		-3.25852761	0.038301512			
	-1.367540584	0.767692396	2	0	0.376767286				
ATP5SL	ENSG00000105341.18	0.001957133	10	4	0.004423574				
	Brain_Cerebellar_Hemisphere	0.926635823			Brain_Anterior_cingulate_cortex_BA24				
	7.994072424	0.003784908	0.310438506		-1.884268045	2.846262309			
	-0.1008078	1.263074845	4	0	0.376767286				
GPS1	ENSG00000169727.12	0.001965836	1	1	0.001965836				
	Brain_Caudate_basal_ganglia	0.001965836			Brain_Caudate_basal_ganglia	1	1		
	1	-3.095345736	-3.095345736		-3.095345736	NA	1	0	
	0.376767286								
TMED4	ENSG00000158604.14	0.002014414	5	5	0.005249667	Brain_Cerebellum			
	0.956408391	Brain_Frontal_Cortex_BA9	2.740396971		0.09739272	0.09739272			
	-2.791300711	0.054661187	-1.229988288		1.075297296	5	0		
	0.379851559								
PCBP4	ENSG00000090097.21	0.002036228	2	2	0.021702246				
	Brain_Hippocampus	0.027644569			Brain_Hypothalamus	1.183571861			
	0.816428139	0.816428139	-2.295539137		2.202293701	-0.046622718			
	3.1804481	2	0	0.379851559					
KLC1	ENSG00000126214.21	0.002066009	2	2	0.00767453	Brain_Hippocampus			
	0.955833678	Brain_Cerebellar_Hemisphere	1.663878351		0.336121649				
	0.336121649	-2.666063055	-0.055382574		-1.360722815	1.846029872			
	2	0	0.380336017						
SLC39A13	ENSG00000165915.13	0.002096939	5	4	0.001967985				
	Brain_Caudate_basal_ganglia	0.947755138			Brain_Cerebellum	3.738420061			
	0.05537963	0.19836213	-0.981201081		3.095021626	0.447322926			
	1.557032807	4	0	0.381016589					
GRK4	ENSG00000125388.19	0.002138899	9	4	0.000120346				
	Brain_Caudate_basal_ganglia	0.00995033			Brain_Spinal_cord_cervical_c-1				
	7.062832378	0.016865136	0.258972922		2.577550649	3.845419515			
	3.171672883	0.405567713	4	0	0.383658234				
FXYD4	ENSG00000150201.14	0.002166931	5	5	0.000658982	Brain_Cerebellum			
	0.738510912	Brain_Hippocampus	3.379380976		0.14963229	0.14963229			
	0.333825935	3.406099252	1.323741094		1.253072523	5	0		
	0.383766208								
LINC01731	ENSG00000234283.1	0.002235116	3	3	0.000155844				
	Brain_Nucleus_accumbens_basal_ganglia	0.807616369			Brain_Caudate_basal_ganglia				

	1.208199916	0.807115351	0.807115351	-0.427957354	3.781567269
	1.199037377	2.261594564	3 0	0.390893865	
LINC01443	ENSG00000266554.1	0.002488198	1 1	0.002488198	
	Brain_Substantia_nigra	0.002488198	Brain_Substantia_nigra	1 1	
	1 -3.024772962	-3.024772962	-3.024772962	NA 1 0	
	0.429782503				
PIH1D1	ENSG00000104872.10	0.002549675	4 4	0.000313605	
	Brain_Cerebellum	0.461381438	Brain_Spinal_cord_cervical_c-1	1.535430082	
	0.425796668	0.425796668	-3.603794423	-0.736574021	-2.053355147
	1.456263888	4 0	0.430536868		
TNK1	ENSG00000174292.12	0.002554111	1 1	0.002554111	
	Brain_Frontal_Cortex_BA9	0.002554111	Brain_Frontal_Cortex_BA9	1 1	
	1 -3.016856073	-3.016856073	-3.016856073	NA 1 0	
	0.430536868				
CHRNA2	ENSG00000120903.12	0.002622489	2 2	0.000609601	
	Brain_Cerebellum	0.001983894	Brain_Cerebellar_Hemisphere	1.843544363	
	0.156455637	0.156455637	3.092632936	3.427306142	3.259969539
	0.236649693	2 0	0.433188002		
GET4	ENSG00000239857.6	0.002631762	1 1	0.002631762	
	Brain_Anterior_cingulate_cortex_BA24	0.002631762			
	Brain_Anterior_cingulate_cortex_BA24	1 1	1	-3.007765432	
	-3.007765432	-3.007765432	NA 1 0	0.433188002	
LINC01431	ENSG00000232645.5	0.002903932	2 2	0.097525912	
	Brain_Nucleus_accumbens_basal_ganglia	0.973454561	Brain_Caudate_basal_ganglia		
	1.869884532	0.130115468	0.130115468	-1.656968164	0.033275914
	-0.811846125	1.195183049	2 0	0.470410394	
NUP50	ENSG00000093000.18	0.002925145	10 2	0.001945351	
	Brain_Cerebellar_Hemisphere	0.24149526	Brain_Hypothalamus	8.537136913	
	0.000588883	0.586830416	1.171257573	3.098451064	2.302034741
	0.626283963	2 0	0.470410394		
SIRT6	ENSG00000077463.14	0.003324469	12 1	0.001747422	
	Brain_Caudate_basal_ganglia	0.011474211	Brain_Hippocampus	11.33958396	
	2.22E-16	11.33958396	2.52791506	3.130107736	2.856402116
	0.164468381	1 0	0.517684403		
KCNQ3	ENSG00000184156.16	0.00338213	4 4	0.020887079	
	Brain_Spinal_cord_cervical_c-1	0.120706453	Brain_Cerebellum	1.390609527	
	0.610291871	0.610291871	-1.974273243	2.310019428	0.071974872
	2.174110665	4 0	0.517684403		
ZNF615	ENSG00000197619.13	0.003411315	4 4	0.020319088	
	Brain_Spinal_cord_cervical_c-1	0.645778746	Brain_Hippocampus		
	2.548699391	0.150085564	0.150085564	-0.459634285	2.32040298
	1.152559128	1.179363571	4 0	0.517684403	
PCAT19	ENSG00000267107.6	0.003431973	8 7	0.01332687	
	Brain_Hippocampus	0.552631939	Brain_Amygdala	3.137334418	
	0.014368096	0.277616355	-2.474912834	1.339026693	-1.084237259
	1.181483645	7 0	0.517684403		
RRP12	ENSG00000052749.13	0.003438263	8 3	0.009865303	
	Brain_Substantia_nigra	0.032873325	Brain_Cerebellar_Hemisphere		
	6.565804363	0.00024905	0.297976425	2.133627007	2.580515146
	2.323858157	0.160093947	3 0	0.517684403	
MIPEP	ENSG00000027001.9	0.003441116	12 1	0.001890441	
	Brain_Caudate_basal_ganglia	0.047145909	Brain_Anterior_cingulate_cortex_BA24		
	11.26144081	0.000632666	11.26144081	-3.106925404	-1.984987078
	-2.826186141	0.319290779	1 0	0.517684403	
SMIM17	ENSG00000268182.5	0.003581724	2 2	0.001090167	
	Brain_Cortex	0.279282382	Brain_Frontal_Cortex_BA9	1.095975749	
	0.904024251	0.904024251	-3.266159804	-1.081932817	-2.17404631
	1.544481714	2 0	0.529473242		
PCDHGA3	ENSG00000254245.2	0.003595165	1 1	0.003595165	
	Brain_Cortex	0.003595165	Brain_Cortex	1 1 1	2.911657565
	2.911657565	2.911657565	NA 1 0	0.529473242	
RAB4B	ENSG00000167578.17	0.003779345	1 1	0.003779345	Brain_Cortex

	0.003779345	Brain_Cortex	1	1	1	2.896014868	2.896014868
	2.896014868	NA	1	0	0.547650358		
CNTN2	ENSG00000184144.11	0.003796875	2	2	0.003537795	Brain_Cerebellum	
	0.003883512	Brain_Cerebellar_Hemisphere	1.511184356		0.488815644		
	0.488815644	2.88747201	2.916679175		2.902075592	0.020652585	2
	0	0.547650358					
YIPF1	ENSG00000058799.14	0.003846568	2	2	0.000856933	Brain_Cortex	
	0.876871043	Brain_Caudate_basal_ganglia	1.072331134		0.927668866		
	0.927668866	-3.333718514	-0.154936925		-1.744327719	2.247738018	
	2	0	0.549156507				
CEP57L1	ENSG00000183137.14	0.004049891	1	1	0.004049891		
	Brain_Hippocampus	0.004049891	Brain_Hippocampus	1	1	1	
	2.874249366	2.874249366	2.874249366	NA	1	0	0.563172833
PDPR	ENSG00000090857.13	0.004106794	3	3	0.037686116		
	Brain_Cerebellar_Hemisphere	0.199749163	Brain_Cerebellum	2.01682891			
	0.246682582	0.246682582	-2.078252427		1.639527554	-0.573663802	
	1.957564908	3	0	0.563172833			
CDK10	ENSG00000185324.21	0.004117023	12	8	3.76E-05		
	Brain_Nucleus_accumbens_basal_ganglia	0.853298628	Brain_Putamen_basal_ganglia				
	6.400271287	0.008334583	0.236379574		-1.095599905	4.121955977	
	1.277312866	1.459319177	8	0	0.563172833		
NOF14	ENSG00000087269.15	0.0041433	2	2	0.001205575	Brain_Cerebellum	
	0.079646525	Brain_Cerebellar_Hemisphere	1.696615643		0.303384357		
	0.303384357	1.752740705	3.237557829		2.495149267	1.049924257	
	2	0	0.563172833				
RABL6	ENSG00000196642.18	0.004146008	1	1	0.004146008	Brain_Cerebellum	
	0.004146008	Brain_Cerebellum	1	1	-2.866833687	-2.866833687	
	-2.866833687	NA	1	0	0.563172833		
CACNA1B	ENSG00000148408.12	0.004207751	1	1	0.004207751		
	Brain_Anterior_cingulate_cortex_BA24	0.004207751					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.862151933		
	2.862151933	2.862151933	NA	1	0	0.563180843	
F12	ENSG00000131187.9	0.004226573	2	2	0.003923344		
	Brain_Hypothalamus	0.138884318	Brain_Anterior_cingulate_cortex_BA24				
	1.046800872	0.953199128	0.953199128		1.479958516	2.884260205	
	2.182109361	0.992991247	2	0	0.563180843		
COA7	ENSG00000162377.5	0.004354006	13	4	0.000376136		
	Brain_Caudate_basal_ganglia	0.169410101	Brain_Spinal_cord_cervical_c-1				
	10.04425949	0.001068059	0.491771073		-3.556284773	-1.374101734	
	-2.875778692	0.6106601	4	0	0.566087256		
RP11-713D19.1	ENSG00000273233.1	0.004360209	2	2	0.007273534		
	Brain_Spinal_cord_cervical_c-1	0.044937906	Brain_Hippocampus				
	1.034122074	0.965877926	0.965877926		2.005235224	2.684054089	
	2.344644656	0.479997423	2	0	0.566087256		
FAM166B	ENSG00000215187.10	0.004369768	3	3	0.002997216		
	Brain_Cerebellum	0.642529876	Brain_Cortex	1.420462506	0.62575329		
	0.62575329	-2.96802328	1.44169379	-0.354054988	2.315926065	3	0
	0.566087256						
COL16A1	ENSG00000084636.17	0.004450692	12	7	0.002061101		
	Brain_Putamen_basal_ganglia	0.87769451	Brain_Substantia_nigra	7.12464931			
	0.024173561	0.253322653	-3.081283773		2.082091545	-0.80268444	
	1.512896503	7	0	0.568775733			
FRY	ENSG00000073910.19	0.004471827	2	2	0.001336459	Brain_Cerebellum	
	0.015893364	Brain_Cerebellar_Hemisphere	1.564641088		0.435358912		
	0.435358912	-3.208033551	-2.411355137		-2.809694344	0.563336709	
	2	0	0.568775733				
RP11-490G2.2	ENSG00000259946.1	0.004563036	1	1	0.004563036		
	Brain_Nucleus_accumbens_basal_ganglia	0.004563036					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-2.836364347		
	-2.836364347	-2.836364347	NA	1	0	0.572012386	
MANBAL	ENSG00000101363.12	0.004579043	5	5	0.00214892		
	Brain_Putamen_basal_ganglia	0.904524312	Brain_Cerebellum	2.417558011			

	0.096676958	0.096676958	-1.428484703	3.068839509	0.269109547
	1.690384436	5	0	0.572012386	
HIP1	ENSG00000127946.16	0.004738991	1	1	0.004738991
	Brain_Hippocampus	0.004738991	Brain_Hippocampus	1	1
	2.824260077	2.824260077	2.824260077	NA	1
				0	0.584417168
SIGMAR1	ENSG00000147955.16	0.004815005	2	2	0.007231363
	Brain_Cortex	0.069154887	Brain_Caudate_basal_ganglia	1.015558989	
	0.984441011	0.984441011	-2.685997483	1.81740654	-0.434295471
	3.184387523	2	0	0.584417168	
ZFP90	ENSG00000184939.15	0.004871145	6	4	0.012601727
	Brain_Caudate_basal_ganglia	0.784514762	Brain_Cortex	4.194264541	
	0.018733399	0.151481824	-2.494830603	0.273440321	-0.999597161
	0.898864177	4	0	0.584417168	
RASSF4	ENSG00000107551.20	0.004897632	4	3	0.000927753
	Brain_Anterior_cingulate_cortex_BA24	0.363703391	Brain_Cerebellum		
	2.814415657	0.080443693	0.156866949	-3.311566208	-0.908330959
	-1.944965788	1.014118937	3	0	0.584417168
C2CD5	ENSG00000111731.12	0.004900775	3	3	0.029664727
	Brain_Caudate_basal_ganglia	2.360464497	0.092256492		Brain_Cerebellum
	0.092256492	-2.174538368	0.316150413	-0.99392536	1.250381184
	3	0	0.584417168		
AC141928.1	ENSG00000250986.1	0.00492897	5	5	0.004952316
	Brain_Frontal_Cortex_BA9	1.248373646	0.709270918		Brain_Cortex
	0.709270918	-2.810119152	2.509015799	0.579728061	2.025810666
	5	0	0.584417168		
WNT5B	ENSG00000111186.12	0.005305583	1	1	0.005305583
	Brain_Substantia_nigra	0.005305583	Brain_Substantia_nigra	1	1
	1	2.787869992	2.787869992	2.787869992	NA
				1	0
	0.607583557				
HCN3	ENSG00000143630.9	0.005347993	1	1	0.005347993
	Brain_Cerebellum	1	1	1	-2.785289639
	-2.785289639	NA	1	0	0.607583557
	0.607583557				
RP11-384F7.2	ENSG00000239268.2	0.005365617	2	2	0.005480139
	Brain_Putamen_basal_ganglia	0.087599105	Brain_Nucleus_accumbens_basal_ganglia		
	1.018968775	0.981031225	0.981031225	-2.777366252	1.708200722
	-0.534582765	3.171774825	2	0	0.607583557
COMMD7	ENSG00000149600.11	0.005395069	4	4	0.001886073
	Brain_Cortex	0.264053908	Brain_Nucleus_accumbens_basal_ganglia		
	2.661503862	0.111075423	0.111075423	1.11686066	3.107609233
	2.235149817	0.826755883	4	0	0.607583557
C14orf166	ENSG00000087302.8	0.005413374	2	2	0.008444
	Brain_Cerebellar_Hemisphere	0.069387683	Brain_Cerebellum	1.020804417	
	0.979195583	0.979195583	-1.815887162	2.633780735	0.408946787
	3.146390344	2	0	0.607583557	
ZNF852	ENSG00000178917.15	0.00542258	2	2	0.001325395
	Brain_Substantia_nigra	0.740119092	Brain_Spinal_cord_cervical_c-1		
	1.007921704	0.992078296	0.992078296	0.331695642	3.210423506
	1.771059574	2.035567994	2	0	0.607583557
RPS3	ENSG00000149273.14	0.005519433	7	3	0.16215207
	Brain_Frontal_Cortex_BA9	0.69730747	Brain_Cortex	5.774385788	
	0.001379627	0.330618026	-1.397870131	1.37015358	-0.400713115
	0.847049134	3	0	0.607583557	
MFSD10	ENSG00000109736.14	0.005520887	2	2	0.001262581
	Brain_Cerebellum	0.975540892	Brain_Frontal_Cortex_BA9	1.004316735	
	0.995683265	0.995683265	0.030659749	3.224352075	1.627505912
	2.2582815	2	0	0.607583557	
RP11-434H6.7	ENSG00000273437.1	0.005536914	2	2	0.003982509
	Brain_Cortex	0.015301119	Brain_Nucleus_accumbens_basal_ganglia	1.37573313	
	0.62426687	0.62426687	2.425172389	2.879543836	2.652358112
	0.321289131	2	0	0.607583557	
WDPCP	ENSG00000143951.15	0.00558812	7	6	0.008886498
	Brain_Frontal_Cortex_BA9	0.864130617	Brain_Caudate_basal_ganglia		

	4.136342664	0.058749556	0.159792913	-2.552919149	2.616390047		
	-0.359963267	1.689288399	6 0	0.607583557			
CORO7	ENSG00000262246.5	0.00560205	13 7	0.017467677	Brain_Cerebellum		
	0.653241099	Brain_Frontal_Cortex_BA9		8.493441239	0.013374286		
	0.287137135	-1.748763534	2.376712924	-0.731865734	1.168944864		
	7 0	0.607583557					
DPY19L1	ENSG00000173852.14	0.005742586	8 6	0.01137662			
	Brain_Frontal_Cortex_BA9	0.201901443		Brain_Cortex	4.962145003		
	0.007050184	0.20693148	-2.530912578	2.066736583	-1.400322921		
	1.478811534	6 0	0.612592871				
DPH3	ENSG00000154813.9	0.00574956	2 2	0.001681356			
	Brain_Frontal_Cortex_BA9	0.924237537		Brain_Hypothalamus	1.179518953		
	0.820481047	0.820481047	-3.141411515	0.095097307	-1.523157104		
	2.288557335	2 0	0.612592871				
WDR3	ENSG00000065183.15	0.005796371	2 2	0.003915349			
	Brain_Anterior_cingulate_cortex_BA24	0.179300965		Brain_Amygdala			
	1.021942277	0.978057723	0.978057723	-2.884902493	1.342910471		
	-0.770996011	2.989515217	2 0	0.612592871			
TYROBP	ENSG00000011600.11	0.005823376	2 2	0.002953241			
	Brain_Cerebellar_Hemisphere	0.169576004		Brain_Hippocampus	1.05686345		
	0.94313655	0.94313655	-1.373567462	2.972563478	0.799498008		
	3.073178659	2 0	0.612592871				
ALDH16A1	ENSG00000161618.9	0.005927502	13 4	0.002992889			
	Brain_Cerebellum	0.934497224		Brain_Hypothalamus	10.16288951		
	0.000178514	0.563282556	0.082187989	2.968467301	1.75084883		
	0.775121913	4 0	0.618893116				
RNF224	ENSG00000233198.3	0.006097498	2 2	0.020869487			
	Brain_Cerebellar_Hemisphere	0.033967384		Brain_Frontal_Cortex_BA9			
	1.035981483	0.964018517	0.964018517	-2.310337305	-2.120458668		
	-2.215397987	0.134264472	2 0	0.631926639			
ATP4A	ENSG00000105675.8	0.006290833	2 2	0.002952339			
	Brain_Cerebellar_Hemisphere	0.181841768		Brain_Cortex	1.066325966		
	0.933674034	0.933674034	1.335105658	2.97265732	2.153881489		
	1.157923885	2 0	0.63859576				
STX1B	ENSG00000099365.10	0.006328997	2 2	0.001490089			
	Brain_Cerebellar_Hemisphere	0.008107601		Brain_Cerebellum	1.798291343		
	0.201708657	0.201708657	2.647555667	3.176606852	2.91208126		
	0.37409568	2 0	0.63859576				
GNLY	ENSG00000115523.16	0.006337043	13 3	0.004402521			
	Brain_Hypothalamus	0.312093964		Brain_Anterior_cingulate_cortex_BA24			
	10.8920935	1.79E-06	0.56344247	1.010838017	2.847781016	2.469165447	
	0.500557773	3 0	0.63859576				
RP11-7K24.3	ENSG00000261068.2	0.006384941	1 1	0.006384941			
	Brain_Cerebellar_Hemisphere	0.006384941		Brain_Cerebellar_Hemisphere	1 1		
	1	-2.727328643	-2.727328643	-2.727328643	NA 1 0	0.63859576	
GTF2H1	ENSG00000110768.11	0.006416429	13 2	0.007216946			
	Brain_Spinal_cord_cervical_c-1	0.522799392		Brain_Cerebellar_Hemisphere			
	11.5014293	0.000269585	0.729023551	-2.686664239	0.639036185		
	-2.110024546	0.858973343	2 0	0.63859576			
CCNT2	ENSG00000082258.12	0.006439994	5 4	0.000400577			
	Brain_Caudate_basal_ganglia	0.447938644		Brain_Putamen_basal_ganglia			
	3.134769271	0.060258811	0.116360498	-3.539703488	-0.758856098		
	-2.267180979	1.180146686	4 0	0.63859576			
PSMC4	ENSG00000013275.7	0.006534388	1 1	0.006534388			
	Brain_Putamen_basal_ganglia	0.006534388		Brain_Putamen_basal_ganglia	1 1		
	1	-2.719686271	-2.719686271	-2.719686271	NA 1 0	0.63859576	
MRPS7	ENSG00000125445.10	0.00653555	6 2	0.001707626	Brain_Cortex		
	0.126701273	Brain_Frontal_Cortex_BA9		5.117711049	0.005548743		
	0.691742389	1.527240281	3.136868636	2.07648382	0.561569124	2	
	0	0.63859576					
RP11-11M20.4	ENSG00000283078.1	0.006572639	1 1	0.006572639			
	Brain_Anterior_cingulate_cortex_BA24	0.006572639					

	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.717755497	
	-2.717755497	-2.717755497	NA	1	0	0.63859576
EDN3	ENSG00000124205.15	0.006669702	1	1	0.006669702	Brain_Cerebellum
	0.006669702	Brain_Cerebellum1	1	1	2.712901036	2.712901036
	2.712901036	NA	1	0	0.641307231	
TUB	ENSG00000166402.8	0.006721067	2	2	0.005119727	
	Brain_Cerebellar_Hemisphere0.783359563				Brain_Cerebellum1.540707149	
	0.459292851	-0.459292851	-2.799402514	-0.274943608	-1.537173061	
	1.785062011	2	0	0.641307231		
MAPK3	ENSG00000102882.11	0.006745752	7	5	0.000911729	Brain_Cerebellum
	0.517518673	Brain_Anterior_cingulate_cortex_BA24	2.964923041			
	0.029361948	0.804540946	-3.316437638	1.505843078	-1.487786613	
	1.869158259	5	0	0.641307231		
DDB2	ENSG00000134574.11	0.006783895	3	2	0.002228948	Brain_Amygdala
	0.072230108	Brain_Hypothalamus	2.637867612	0.047525326		
	0.314607062	1.797665021	3.057898901	2.612399451	0.706610368	
	2	0	0.641307231			
SLX1A	ENSG00000132207.17	0.006857971	2	2	0.014606546	Brain_Cortex
	0.075568918	Brain_Cerebellar_Hemisphere1.088264013	0.911735987			
	0.911735987	-2.441990131	-1.776995878	-2.109493005	0.470221946	
	2	0	0.641479123			
ARHGAP1	ENSG00000175220.11	0.006907571	3	3	0.002111638	
	Brain_Amygdala	0.796251319	Brain_Cerebellum1.715377661	0.477277824		
	0.477277824	-3.074064446	-0.258201605	-1.420525012	1.470795966	
	3	0	0.641479123			
CLDN15	ENSG00000106404.13	0.006959396	13	2	0.024619146	
	Brain_Substantia_nigra	0.986128331	Brain_Cerebellum11.07480564			
	0.000971885	1.074117908	-2.247326851	1.462195162	0.265498694	
	1.002682587	2	0	0.641479123		
PPP1R13B	ENSG00000088808.16	0.006969111	3	3	0.000797905	
	Brain_Caudate_basal_ganglia0.781119756				Brain_Nucleus_accumbens_basal_ganglia	
	1.06547631	0.930708244	0.930708244	0.277860097	3.353520655	
	1.427529807	1.678370593	3	0	0.641479123	
TMTC1	ENSG00000133687.15	0.007027024	3	2	0.001783507	Brain_Cortex
	0.691030011	Brain_Cerebellum1.947004553	0.052640987	1.00035446		
	-3.124098593	0.457293845	-0.756449033	2.050662922	2	0
	0.642582349					
DHX40	ENSG00000108406.9	0.007179791	5	4	0.000389456	Brain_Cortex
	0.361439758	Brain_Hypothalamus	2.71608375	0.062749085	0.343977772	
	0.912625083	3.547127599	2.381724392	1.154949695	4	0
	0.651430507					
SLC12A9	ENSG00000146828.17	0.007216906	6	6	0.006066885	
	Brain_Cerebellum0.733185555		Brain_Caudate_basal_ganglia1.6044652			
	0.556423216	0.556423216	-2.744144344	1.764895653	-0.74632081	
	1.720897547	6	0	0.651430507		
NQO2	ENSG00000124588.19	0.007296929	13	5	0.007170145	
	Brain_Hippocampus	0.769159047	Brain_Cerebellar_Hemisphere8.609755163			
	0.025687673	0.533457939	-2.688836861	1.28740939	-0.019168276	
	1.217021456	5	0	0.654431595		
WFIKKN1	ENSG00000127578.6	0.007524354	13	1	0.0039376	
	Brain_Anterior_cingulate_cortex_BA24	0.051329289	Brain_Substantia_nigra			
	12.69565893	0.00010806	12.69565893	-2.883117945	-1.948716511	
	-2.63840153	0.245242311	1	0	0.666736822	
CEP78	ENSG00000148019.12	0.007529442	1	1	0.007529442	
	Brain_Frontal_Cortex_BA9	0.007529442	Brain_Frontal_Cortex_BA9	1	1	
	1	2.672473076	2.672473076	2.672473076	NA	1
	0.666736822				0	
ZNF695	ENSG00000197472.14	0.007711812	1	1	0.007711812	
	Brain_Cerebellum0.007711812		Brain_Cerebellum1	1	1	2.664433485
	2.664433485	2.664433485	NA	1	0	0.677925928
DHX34	ENSG00000134815.18	0.007752709	9	4	0.005505575	
	Brain_Putamen_basal_ganglia0.642365443		Brain_Nucleus_accumbens_basal_ganglia			

	6.994588242	0.002780585	0.284401472	0.464394062	2.77586097				
	1.678490314	0.881218059	4	0	0.677925928				
NRP1	ENSG00000099250.17	0.007873169	1	1	0.007873169				
	Brain_Anterior_cingulate_cortex_BA24	0.007873169							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.657461061				
	-2.657461061	-2.657461061	NA	1	0	0.681200722			
GRK1	ENSG00000185974.6	0.007887536	2	2	0.014608317				
	Brain_Spinal_cord_cervical_c-1	0.026692436				Brain_Substantia_nigra			
	1.123485264	0.876514736	0.876514736			-2.441946354	2.215986361		
	-0.112979996	3.293655809	2	0	0.681200722				
ATP5G1	ENSG00000159199.13	0.008015304	8	6	0.001541356				
	Brain_Hippocampus	0.586070039				Brain_Hypothalamus	3.040211181		
	0.074850253	0.215131796	-1.979918874			3.166782352	0.487956259		
	1.83423152	6	0	0.681393817					
TSPAN5	ENSG00000168785.7	0.008023397	3	3	0.000635338				
	Brain_Cerebellar_Hemisphere	0.635750741				Brain_Spinal_cord_cervical_c-1			
	1.408972843	0.5685158	0.5685158	-0.47364828		3.41606211	1.350020582		
	1.956149307	3	0	0.681393817					
EXOSC6	ENSG00000223496.2	0.008081804	13	1	0.005325409				
	Brain_Nucleus_accumbens_basal_ganglia	0.019424698				Brain_Cortex	12.8466457		
	1.30E-05	12.8466457	-2.786661401	-2.337278682		-2.632770497			
	0.132037263	1	0	0.681393817					
C1QTNF9	ENSG00000240654.6	0.008084581	6	2	0.001039685				
	Brain_Amygdala	0.078117094				Brain_Frontal_Cortex_BA9	5.566426142		
	0.002430371	0.254876483	-3.279561673	-1.761717179		-2.785179384			
	0.606023933	2	0	0.681393817					
SP6	ENSG00000189120.4	0.008141272	4	4	0.003486431				
	Brain_Hippocampus	0.480391168				Brain_Cortex	1.802728002	0.42111087	
	0.42111087	-1.581890764	2.921238238	-0.125450744		2.062388794		4	
	0	0.682063089							
MRM2	ENSG00000122687.17	0.008399207	13	5	0.001075373				
	Brain_Hypothalamus	0.19379565				Brain_Spinal_cord_cervical_c-1	9.714123298		
	5.93E-18	0.358666472	1.299432191	3.270026809		2.653073073			
	0.577781533	5	0	0.699483996					
CBLC	ENSG00000142273.10	0.008452055	1	1	0.008452055				
	Brain_Hippocampus	0.008452055				Brain_Hippocampus	1	1	1
	-2.633456953	-2.633456953	-2.633456953	NA	1	0	0.699720118		
REST	ENSG00000084093.16	0.008589143	1	1	0.008589143				
	Brain_Putamen_basal_ganglia	0.008589143				Brain_Putamen_basal_ganglia	1	1	
	1	-2.627988443	-2.627988443	-2.627988443	NA	1	0		
	0.706664942								
RNF5	ENSG00000204308.7	0.00863696	6	4	0.011434651				
	Brain_Frontal_Cortex_BA9	0.462884385				Brain_Hypothalamus	3.634004243		
	0.048367145	0.487069494	-2.529127397	0.799897998		-1.38891532			
	1.294379708	4	0	0.706664942					
TRDN	ENSG00000186439.12	0.008713527	2	2	0.030384381				
	Brain_Cerebellar_Hemisphere	1.183906982				Brain_Cortex	0.816093018		
	0.816093018	-1.754983886	2.165043152	0.205029633		2.7718777	2		
	0	0.706789404							
ARID3C	ENSG00000205143.2	0.008739516	8	3	0.000826295				
	Brain_Putamen_basal_ganglia	0.113180525				Brain_Nucleus_accumbens_basal_ganglia			
	7.094401249	0.000840029	0.250581226	-3.343832995		-1.584057984			
	-2.440991548	0.487783727	3	0	0.706789404				
DNAH2	ENSG00000183914.14	0.00883582	2	2	0.002613207				
	Brain_Caudate_basal_ganglia	0.080790421				Brain_Cerebellar_Hemisphere			
	1.386763876	0.613236124	0.613236124	1.746118164		3.009915113			
	2.378016639	0.893639393	2	0	0.710471056				
VPS9D1	ENSG00000075399.13	0.00890385	12	6	0.015729527				
	Brain_Spinal_cord_cervical_c-1	0.987046715				Brain_Cerebellar_Hemisphere			
	7.537464698	0.006154259	0.355635004	-1.916291281		2.415131567			
	-0.353566733	1.313024389	6	0	0.711850118				
BTN2A2	ENSG00000124508.16	0.009052551	12	8	0.015143897				

	Brain_Hippocampus	0.863744831		Brain_Frontal_Cortex_BA9	5.488329761				
	0.034621903	0.253016509	-2.39660019	2.428919434	0.062253297				
	1.368877004	8	0	0.711972999					
NUP88	ENSG00000108559.11	0.009083442	6	3	0.1546061	Brain_Cortex			
	0.810741603	Brain_Amygdala	4.661013383		0.025263161	0.248862738			
	-0.239469424	1.423448781	0.671298162		0.568472612	3	0		
	0.711972999								
RMND5A	ENSG00000153561.12	0.009135353	1	1	0.009135353				
	Brain_Cerebellum	0.009135353	Brain_Cerebellum1	1	1	2.606946897			
	2.606946897	2.606946897	NA	1	0	0.711972999			
MRPL41	ENSG00000182154.7	0.009181968	2	2	0.004041854				
	Brain_Cerebellar_Hemisphere	0.261055538	Brain_Cerebellum1	0.23559652					
	0.976440348	0.976440348	-1.123899795		2.874876623	0.875488414			
	2.827561922	2	0	0.711972999					
CTPS1	ENSG00000171793.13	0.009287267	8	8	0.005075671				
	Brain_Putamen_basal_ganglia	0.741347531	Brain_Cortex	3.39975557					
	0.177471658	0.177471658	-0.933558941		2.802191637	0.554256885			
	1.244759695	8	0	0.711972999					
TEX9	ENSG00000151575.14	0.009328675	9	3	0.004978619				
	Brain_Anterior_cingulate_cortex_BA24	0.481235736	Brain_Hippocampus						
	7.886356173	0.000972502	0.316469032		-2.808413916	-0.704316431			
	-1.205302841	0.62404743	3	0	0.711972999				
SLC22A17	ENSG00000092096.16	0.009423654	1	1	0.009423654				
	Brain_Spinal_cord_cervical_c-1	0.009423654	Brain_Spinal_cord_cervical_c-1						
	1	1	1	2.596289818	2.596289818	2.596289818	NA	1	0
	0.711972999								
BAIAP3	ENSG00000007516.13	0.009478869	8	7	0.051840528				
	Brain_Caudate_basal_ganglia	0.647117714	Brain_Cerebellum	2.312030116					
	0.043725332	0.466964687	-1.944455654		1.829258568	0.003423574			
	1.460182067	7	0	0.711972999					
RP11-596C23.6	ENSG00000282885.1	0.009520934	1	1	0.009520934				
	Brain_Spinal_cord_cervical_c-1	0.009520934	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-2.592759441	-2.592759441	-2.592759441	NA	1	0
	0.711972999								
RAPSN	ENSG00000165917.9	0.009567171	4	4	0.001057133	Brain_Cortex			
	0.658823309	Brain_Frontal_Cortex_BA9	2.125831251	0.438466439					
	0.438466439	-0.441538344	3.274862875		1.187117279	1.546855145			
	4	0	0.711972999						
LINC00928	ENSG00000259218.5	0.00957811	1	1	0.00957811				
	Brain_Caudate_basal_ganglia	0.00957811	Brain_Caudate_basal_ganglia	1	1	1			
	2.590699458	2.590699458	2.590699458	NA	1	0	0.711972999		
NUP160	ENSG00000030066.13	0.009600195	1	1	0.009600195				
	Brain_Hippocampus	0.009600195	Brain_Hippocampus	1	1	1			
	2.589906707	2.589906707	2.589906707	NA	1	0	0.711972999		
ANKEF1	ENSG00000132623.15	0.009609445	1	1	0.009609445				
	Brain_Hypothalamus	0.009609445	Brain_Hypothalamus	1	1	1			
	2.58957514	2.58957514	2.58957514	NA	1	0	0.711972999		
HGFAC	ENSG00000109758.8	0.009775378	6	5	0.031565046				
	Brain_Frontal_Cortex_BA9	0.791467264	Brain_Cerebellum	2.610541862					
	0.067361596	0.244315881	-1.567120744		2.149875733	0.741499812			
	1.483480505	5	0	0.711972999					
SPEF2	ENSG00000152582.13	0.009781378	8	2	0.004607755				
	Brain_Anterior_cingulate_cortex_BA24	0.550656017	Brain_Amygdala						
	6.648289776	0.008379531	0.670421649		-2.833248501	-0.596777387			
	-2.292451463	0.721562152	2	0	0.711972999				
MGMT	ENSG00000170430.9	0.009814776	13	3	0.161515191				
	Brain_Hippocampus	0.933566053	Brain_Substantia_nigra	10.49564394					
	0.016844828	0.488590056	-0.966143836		1.399993746	-0.207278204			
	0.791096439	3	0	0.711972999					
CALHM2	ENSG00000138172.10	0.009817352	4	4	0.02652566				
	Brain_Putamen_basal_ganglia	0.197296302	Brain_Hypothalamus	2.730596328					
	0.093947361	0.093947361	-2.21842806		1.289292833	-1.09919356			

1.64852315	4	0	0.711972999						
EGLN2	ENSG00000269858.5		0.009891429	2	2	0.013613772			
	Brain_Frontal_Cortex_BA9	0.0202898		Brain_Putamen_basal_ganglia	1.24361133				
	0.75638867	0.75638867	-2.467296124			-2.320945224			-2.394120674
	0.103485714	2	0	0.711972999					
RP11-440L14.3	ENSG00000260262.1		0.009899546	1	1	0.009899546			
	Brain_Cerebellar_Hemisphere	0.009899546		Brain_Cerebellar_Hemisphere	1	1			
	1	2.579318523	2.579318523	2.579318523	NA	1	0		
	0.711972999								
LINC01480	ENSG00000270164.1		0.009923146	5	5	0.001243429			
	Brain_Putamen_basal_ganglia	0.956100849		Brain_Nucleus_accumbens_basal_ganglia					
	2.486951508	0.183148877	0.183148877			0.055047214			3.228726151
	1.413518202	1.345334412	5	0	0.711972999				
C12orf60	ENSG00000182993.3		0.010217511	13	3	0.026762703			
	Brain_Substantia_nigra	0.876726807		Brain_Cortex	11.37929529				
	0.00016636	0.417511674	-2.214961555			1.145064011			-0.265827552
	0.717661813	3	0	0.727710219					
EGLN3	ENSG00000129521.13		0.010265574	2	2	0.002631289			
	Brain_Nucleus_accumbens_basal_ganglia	0.816471768		Brain_Cerebellum					
	1.033512707	0.966487293	0.966487293			-3.007820026			-0.232085292
	-1.619952659	1.962740853	2	0	0.727710219				
B3GALNT2	ENSG00000162885.12		0.010385138	3	3	0.008614488			
	Brain_Nucleus_accumbens_basal_ganglia	0.09000425		Brain_Frontal_Cortex_BA9					
	1.868031916	0.149644766	0.149644766			1.695375291			2.626985998
	2.190181114	0.468505826	3	0	0.727710219				
SEMA6C	ENSG00000143434.15		0.010397173	4	3	0.000957534			
	Brain_Cortex	0.30947798		Brain_Caudate_basal_ganglia	2.599861889				
	0.053539327	0.347959672	1.016317999			3.302715619			2.350664533
	0.963053464	3	0	0.727710219					
GAS8	ENSG00000141013.16		0.01045903	12	6	0.006160085			
	Brain_Cerebellar_Hemisphere	0.798509409		Brain_Caudate_basal_ganglia					
	6.256898096	0.020935694	0.312748074			-2.739136216			-0.255276682
	-1.560874807	0.747742909	6	0	0.727710219				
GS1-166A23.2	ENSG00000272361.2		0.010570269	10	8	0.00312604			
	Brain_Nucleus_accumbens_basal_ganglia	0.955669522		Brain_Substantia_nigra					
	3.829885165	0.010680733	0.203014663			-2.95506423			1.381137847
	-1.334795836	1.639534919	8	0	0.727710219				
AC144831.1	ENSG00000261888.1		0.010625074	2	2	0.008759458			
	Brain_Cortex	0.300828197		Brain_Anterior_cingulate_cortex_BA24					
	1.165577982	0.834422018	0.834422018			-2.621302205			-1.034658986
	-1.827980595	1.12192618	2	0	0.727710219				
ZNHIT1	ENSG00000106400.11		0.010665695	3	2	0.00195544			
	Brain_Putamen_basal_ganglia	0.008902685		Brain_Caudate_basal_ganglia					
	2.800256827	0.034307675	0.165435498			-3.096917986			-2.615768671
	-2.882635369	0.24484685	2	0	0.727710219				
RP11-395G23.3	ENSG00000254615.2		0.010714546	1	1	0.010714546			
	Brain_Spinal_cord_cervical_c-1	0.010714546		Brain_Spinal_cord_cervical_c-1					
	1	1	1	2.551873355	2.551873355	2.551873355	NA	1	0
	0.727710219								
BSDC1	ENSG00000160058.18		0.0107258	3	3	0.025066926			
	Brain_Putamen_basal_ganglia	0.109552741		Brain_Cerebellar_Hemisphere					
	1.503098835	0.504533843	0.504533843			-2.118534365			2.240369782
	-0.49279042	2.381131961	3	0	0.727710219				
COIL	ENSG00000121058.4		0.01072831	1	1	0.01072831			
	Brain_Spinal_cord_cervical_c-1	0.01072831		Brain_Spinal_cord_cervical_c-1					
	1	1	2.551426027	2.551426027	2.551426027	NA	1	0	
	0.727710219								
U91328.19	ENSG00000272462.2		0.010766637	13	7	0.014352479			
	Brain_Hippocampus	0.970851829		Brain_Cerebellar_Hemisphere	8.703457522				
	0.040522496	0.307025745	-2.448318323			1.314182922			-0.59776862
	1.033219719	7	0	0.727710219					
HS3ST2	ENSG00000122254.6		0.010893428	1	1	0.010893428			

	Brain_Amygdala	0.010893428	Brain_Amygdala	1	1	1	2.546099027
	2.546099027	2.546099027	NA	1	0	0.732740155	
NCBP2-AS2	ENSG00000270170.1	0.011021459		2	2	0.030314339	
	Brain_Putamen_basal_ganglia	0.218728707	Brain_Hippocampus				1.336327505
	0.663672495	0.663672495	-2.165958752			1.229915614	-0.468021569
	2.401245792	2	0	0.737804957			
CNNM4	ENSG00000158158.11	0.011196984		5	3	0.061078976	Brain_Amygdala
	0.390310248	Brain_Hypothalamus	3.535169444			0.000730441	
	0.269758165	-1.281940695	1.872923311			-0.446226731	1.305801442
	3	0	0.739059879				
WDR49	ENSG00000174776.10	0.011281487		4	4	0.000794657	Brain_Cerebellum
	0.791870604	Brain_Hypothalamus	1.712913907			0.337647966	
	0.337647966	-3.354649305	-0.263882314			-1.296805894	1.447799302
	4	0	0.739059879				
UPF3A	ENSG00000169062.14	0.011311236		7	6	0.00210032	
	Brain_Putamen_basal_ganglia	0.634706929	Brain_Substantia_nigra				
	3.303911477	0.092188861	0.129590698			-0.522988912	3.075667425
	0.817281082	1.201098042	6	0	0.739059879		
DRD1	ENSG00000184845.3	0.011388851		1	1	0.011388851	
	Brain_Hypothalamus	0.011388851	Brain_Hypothalamus	1	1	1	
	-2.530535656	-2.530535656	-2.530535656	NA	1	0	0.739059879
SV2A	ENSG00000159164.9	0.011412644		1	1	0.011412644	
	Brain_Spinal_cord_cervical_c-1	0.011412644	Brain_Spinal_cord_cervical_c-1				
	1	1	-2.529803455	-2.529803455	-2.529803455	NA	1
	0.739059879						0
COCH	ENSG00000100473.15	0.011486772		2	2	0.00351182	Brain_Cortex
	0.676517286	Brain_Caudate_basal_ganglia	1.076501839			0.923498161	
	0.923498161	-2.91897715	0.417220289			-1.25087843	2.359047833
	2	0	0.739059879				
NRG4	ENSG00000169752.16	0.011566944		12	2	0.070808017	
	Brain_Hypothalamus	0.931713688	Brain_Cerebellum	10.72180989			
	0.001071701	0.387948793	0.085688948			1.806706733	1.268923772
	0.642092752	2	0	0.739059879			
TMEM63A	ENSG00000196187.11	0.011570634		6	6	0.010156908	
	Brain_Frontal_Cortex_BA9	0.383746037	Brain_Nucleus_accumbens_basal_ganglia				
	3.103650406	0.165202449	0.165202449			-1.950481544	2.570441147
	1.063773984	1.63697285	6	0	0.739059879		
MRPL10	ENSG00000159111.12	0.011588159		8	8	3.69E-05	Brain_Cerebellum
	0.839211581	Brain_Frontal_Cortex_BA9	1.708747978			0.345362821	
	0.345362821	-4.126127029	1.178766131			-1.073343617	1.631134899
	8	0	0.739059879				
PXYLP1	ENSG00000155893.12	0.011682195		2	2	0.007611904	
	Brain_Cortex	0.796400478	Brain_Spinal_cord_cervical_c-1			1.367778853	
	0.632221147	0.632221147	-2.668816421			-0.25800833	-1.463412375
	1.704698749	2	0	0.739059879			
RNF208	ENSG00000212864.3	0.011775952		1	1	0.011775952	
	Brain_Amygdala	0.011775952	Brain_Amygdala	1	1	1	
	-2.518788056	-2.518788056	NA	1	0	0.739059879	-2.518788056
TSHR	ENSG00000165409.16	0.011825252		3	3	0.031054605	
	Brain_Caudate_basal_ganglia	0.452082017	Brain_Putamen_basal_ganglia				
	1.860702445	0.142973918	0.142973918			0.751948521	2.156372309
	1.338022904	0.730455548	3	0	0.739059879		
TXNDC11	ENSG00000153066.12	0.011916993		2	2	0.005124619	
	Brain_Cerebellar_Hemisphere	0.316688638	Brain_Caudate_basal_ganglia				
	1.003914522	0.996085478	0.996085478			-1.001285836	2.799094199
	0.898904181	2.687274494	2	0	0.739059879		
TRH	ENSG00000170893.3	0.011919646		2	2	0.006643294	
	Brain_Cerebellar_Hemisphere	0.133059313	Brain_Cerebellum	1.105914036			
	0.894085964	0.894085964	1.502146366			2.714215488	2.108180927
	0.857062295	2	0	0.739059879			
HSD17B13	ENSG00000170509.11	0.011946121		13	3	0.000371842	
	Brain_Cerebellum	0.02197183	Brain_Nucleus_accumbens_basal_ganglia	10.86295246			

	0.001235798	0.468116143	-3.559302159	-2.290854497	-2.891746361
	0.380170968	3	0	0.739059879	
SESN1	ENSG00000080546.13	0.011954692	1	1	0.011954692
	Brain_Anterior_cingulate_cortex_BA24	0.011954692			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.513478936
	2.513478936	2.513478936	NA	1	0.739059879
EGLN1	ENSG00000135766.8	0.01199029	2	2	0.052833299
	Brain_Nucleus_accumbens_basal_ganglia	0.477100586			Brain_Hippocampus
	1.581496903	0.418503097	0.418503097	-1.936280967	0.710973615
	-0.612653676	1.871891667	2	0	0.739059879
CPSF4	ENSG00000160917.14	0.011991037	3	2	0.003257112
	Brain_Anterior_cingulate_cortex_BA24	0.016182987			Brain_Frontal_Cortex_BA9
	2.793418433	0.053822709	0.152758858	-2.942369336	-2.40476232
	-2.706459464	0.274774998	2	0	0.739059879
TMEM163	ENSG00000152128.13	0.012224863	5	5	0.000729995
	Brain_Putamen_basal_ganglia	0.78154018			Brain_Frontal_Cortex_BA9
	0.117544874	0.117544874	-0.277312477	3.378058737	2.397836256
	1.379847416	5	0	0.750166927	1.396714182
MIER1	ENSG00000198160.14	0.012286747	5	5	0.092580648
	Brain_Cerebellum				
	0.80617454	Brain_Cortex	3.135420981	0.21770353	0.21770353
	1.530789114	-0.293197648	1.159281931	5	0
TPD52L1	ENSG00000111907.20	0.012452374	6	5	0.043785743
	Brain_Cortex	0.820758611			Brain_Anterior_cingulate_cortex_BA24
	2.839390443	0.049883009	0.139736837	-1.074189121	2.016136127
	0.745133124	1.270074915	5	0	0.75748335
ZWILCH	ENSG00000174442.11	0.012577108	1	1	0.012577108
	Brain_Frontal_Cortex_BA9	0.012577108			Brain_Frontal_Cortex_BA9
	1	2.495524474	2.495524474	2.495524474	NA
	0.758660175				1
CDC37L1-AS1	ENSG00000273061.1	0.012625669	2	2	0.003266892
	Brain_Cerebellar_Hemisphere	0.766381156			Brain_Caudate_basal_ganglia
	1.002093236	0.997906764	0.997906764	-0.2971118	2.94144084
	2.290002533	2	0	0.758660175	1.32216452
MTAP	ENSG00000099810.18	0.012634395	6	5	0.049573366
	Brain_Putamen_basal_ganglia	0.598099508			Brain_Anterior_cingulate_cortex_BA24
	3.461791788	0.080976389	0.268285223	-1.963626981	1.815246806
	-0.414096141	1.610395174	5	0	0.758660175
NXT1	ENSG00000132661.3	0.012741446	1	1	0.012741446
	Brain_Cerebellar_Hemisphere	0.012741446			Brain_Cerebellar_Hemisphere
	1	-2.490915382	-2.490915382	-2.490915382	NA
	0.761818686				1
DDAH2	ENSG00000213722.8	0.012874597	6	6	0.002285106
	Brain_Cortex				
	0.137850124	Brain_Cerebellum	3.210910695	0.114985278	0.114985278
	-3.050434376	1.550009414	-1.671181647	1.668833576	6
	0.762414582				0
KANK4	ENSG00000132854.18	0.012909179	4	4	0.004586502
	Brain_Caudate_basal_ganglia	0.523566629			Brain_Hypothalamus
	0.496685663	0.496685663	-1.073930918	2.834725922	1.754881474
	1.828368886	4	0	0.762414582	0.356946514
ZNF580	ENSG00000213015.8	0.012917145	2	2	0.003276666
	Brain_Hippocampus	0.939890551			Brain_Cerebellum
	0.948371403	0.948371403	-0.075407426	2.940515539	1.432554057
	2.13257958	2	0	0.762414582	
ZNF547	ENSG00000152433.14	0.012995017	3	3	0.002925453
	Brain_Frontal_Cortex_BA9	0.559411219			Brain_Cerebellum
	0.691209728	0.691209728	-2.975464384	0.58371627	-1.415997043
	1.819973659	3	0	0.762414582	
SCAMP1	ENSG00000085365.17	0.013023879	5	4	0.002108017
	Brain_Putamen_basal_ganglia	0.942724021			Brain_Caudate_basal_ganglia
	3.293279658	0.050260806	0.280009088	0.071846558	3.074576485
	1.581504952	1.109700307	4	0	0.762414582
C2orf50	ENSG00000150873.11	0.013204444	3	3	0.001189103

	Brain_Frontal_Cortex_BA9	0.64643769	Brain_Nucleus_accumbens_basal_ganglia				
	1.67183415	0.416437026	0.416437026	-3.24148123	-0.458716602		
	-1.774876712	1.397469099	3	0	0.762468029		
SCRT2	ENSG00000215397.3	0.013219896	1	1	0.013219896		
	Brain_Nucleus_accumbens_basal_ganglia	0.013219896					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	2.477789907		
	2.477789907	2.477789907	NA	1	0	0.762468029	
LAMP3	ENSG00000078081.7	0.013233651	1	1	0.013233651		
	Brain_Caudate_basal_ganglia	0.013233651	Brain_Caudate_basal_ganglia	1	1		
	1	2.477418825	2.477418825	2.477418825	NA	1	0
	0.762468029						
JARID2	ENSG0000008083.13	0.013243217	3	3	0.026496578		
	Brain_Amygdala	0.991402329	Brain_Caudate_basal_ganglia	1.801553238			
	0.235000439	0.235000439	-1.692293074	2.218855192	0.179112637		
	1.961000551	3	0	0.762468029			
HTR1A	ENSG00000178394.4	0.013303123	1	1	0.013303123	Brain_Cortex	
	0.013303123	Brain_Cortex	1	1	1	2.475549735	2.475549735
	2.475549735	NA	1	0	0.762468029		
TSSK3	ENSG00000162526.6	0.013424894	2	2	0.007273018		
	Brain_Frontal_Cortex_BA9	0.53045974	Brain_Cerebellum	1.200756261			
	0.799243739	0.799243739	-0.62730437	2.684077791	1.028386711		
	2.341500781	2	0	0.762468029			
ANKDD1A	ENSG00000166839.16	0.013470842	5	3	0.002461821		
	Brain_Cerebellum	0.111609825	Brain_Nucleus_accumbens_basal_ganglia	3.58902752			
	0.029049765	0.236706202	1.590998892	3.027995131	2.395873275		
	0.614672404	3	0	0.762468029			
NR1H3	ENSG00000025434.18	0.013500475	6	5	0.001741044	Brain_Amygdala	
	0.962327624	Brain_Nucleus_accumbens_basal_ganglia	3.01782055	0.074772006			
	0.174870339	-0.168459321	3.131181634	0.986380162	1.236111665		
	5	0	0.762468029				
SH2D7	ENSG00000183476.12	0.013515265	8	4	0.002516159		
	Brain_Caudate_basal_ganglia	0.804181358	Brain_Nucleus_accumbens_basal_ganglia				
	6.071708408	0.046456379	0.217840419	-3.021391377	0.707664853		
	-0.783591108	1.167547527	4	0	0.762468029		
MTPAP	ENSG00000107951.14	0.013649378	7	4	0.074572655		
	Brain_Hypothalamus	0.595885214	Brain_Hippocampus	4.753812163			
	0.015374837	0.396726147	-1.783083847	1.498451114	-0.245870834		
	1.161460166	4	0	0.766941559			
CHTOP	ENSG00000160679.12	0.013747487	1	1	0.013747487	Brain_Cerebellum	
	0.013747487	Brain_Cerebellum	1	1	1	2.463794584	2.463794584
	2.463794584	NA	1	0	0.769364384		
MUTYH	ENSG00000132781.17	0.013892816	5	4	0.048950611		
	Brain_Nucleus_accumbens_basal_ganglia	0.718532353					
	Brain_Spinal_cord_cervical_c-1	3.051742873	0.066263608	0.351643073			
	-0.729880983	1.969021601	0.509768097	1.267552774	4	0	
	0.770767298						
FAM131A	ENSG00000175182.14	0.013909004	2	2	0.008302422		
	Brain_Amygdala	0.260808707	Brain_Hypothalamus	1.050109337			
	0.949890663	0.949890663	-2.639517171	1.124481753	-0.757517709		
	2.661549163	2	0	0.770767298			
SNRNP70	ENSG00000104852.14	0.013937826	3	3	0.001362616		
	Brain_Nucleus_accumbens_basal_ganglia	0.93393351	Brain_Cerebellum	1.682033764			
	0.443342209	0.443342209	-0.082896911	3.202454915	1.586165539		
	1.643311566	3	0	0.770767298			
NQO1	ENSG00000181019.12	0.014051215	1	1	0.014051215		
	Brain_Nucleus_accumbens_basal_ganglia	0.014051215					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-2.455951423		
	-2.455951423	-2.455951423	NA	1	0	0.771297043	
CITF22-92A6.1	ENSG00000273145.1	0.014098681	1	1	0.014098681		
	Brain_Cerebellum	0.014098681	Brain_Cerebellum	1	1	1	2.454739259
	2.454739259	2.454739259	NA	1	0	0.771297043	
TNN	ENSG00000120332.15	0.01411279	3	2	0.003126917	Brain_Cortex	

	0.215027607	Brain_Hippocampus	2.285782804	0.026783846	0.68743335
	1.23985885	2.954977693	2.331143557	0.948309385	2 0
	0.771297043				
ZNF850	ENSG00000267041.5	0.01419335	3	3	0.120208558 Brain_Cerebellum
	0.348814374	Brain_Frontal_Cortex_BA9	1.652722276	0.420354657	
	0.420354657	-0.936891496	1.553898801	0.673713637	1.396833588
	3	0	0.772182682		
ANKRD24	ENSG00000089847.12	0.014267336	5	3	0.002487063
	Brain_Cerebellum	0.15774728	Brain_Spinal_cord_cervical_c-1	4.327892991	
	0.00100621	0.260409678	1.412688687	3.024910953	2.491448907
	0.667907203	3	0	0.772182682	
MRPS21	ENSG00000266472.5	0.014295969	8	5	0.0526634 Brain_Cortex
	0.919344674	Brain_Putamen_basal_ganglia	5.916228837	0.000661204	
	0.253062503	-1.937670788	0.550474524	-0.719083834	0.996986879
	5	0	0.772182682		
BAIAP2	ENSG00000175866.15	0.014394606	2	2	0.004389676
	Brain_Cerebellum	0.507062608	Brain_Spinal_cord_cervical_c-1	1.020369774	
	0.979630226	0.979630226	-0.663418426	2.848710804	1.092646189
	2.483450395	2	0	0.772182682	
GMEB2	ENSG00000101216.10	0.01440721	3	2	0.012256208 Brain_Cortex
	0.973280261	Brain_Cerebellum	2.38246978	0.04079876	0.576731459
	-2.504680425	0.033494488	-0.907033225	1.390840568	2 0
	0.772182682				
CEACAM4	ENSG00000105352.10	0.014668799	2	2	0.038005122
	Brain_Cortex	0.055959644	Brain_Cerebellar_Hemisphere	1.057729578	
	0.942270422	0.942270422	1.911349797	2.074799493	1.993074645
	0.115576388	2	0	0.772182682	
NAF1	ENSG00000145414.8	0.014692264	1	1	0.014692264 Brain_Cortex
	0.014692264	Brain_Cortex	1	1	1
	-2.439876987	NA	1	0	0.772182682
SLC22A5	ENSG00000197375.12	0.014717975	8	6	0.008041619
	Brain_Cortex	0.778929618	Brain_Cerebellar_Hemisphere	4.296994051	
	0.028942889	0.168838213	-0.902743864	2.650317389	0.664930274
	1.185585251	6	0	0.772182682	
ABI1	ENSG00000136754.16	0.014925398	1	1	0.014925398
	Brain_Cerebellar_Hemisphere	0.014925398	Brain_Cerebellar_Hemisphere	1	1
	1	2.4341842	2.4341842	2.4341842	NA
					1 0
					0.772182682
CNTNAP5	ENSG00000155052.14	0.014925932	1	1	0.014925932
	Brain_Anterior_cingulate_cortex_BA24	0.014925932			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.434171239
	2.434171239	2.434171239	NA	1	0
					0.772182682
C6orf132	ENSG00000188112.8	0.014958189	2	2	0.006847804
	Brain_Cerebellum	0.074634246	Brain_Cerebellar_Hemisphere	1.857871337	
	0.142128663	0.142128663	-2.704156447	-1.78270556	-2.243431004
	0.65156417	2	0	0.772182682	
BIN1	ENSG00000136717.14	0.015067184	4	4	0.001216433
	Brain_Cerebellar_Hemisphere	0.906695895	Brain_Amygdala	1.90297309	0.16058411
	0.16058411	-3.234998721	0.749477519	-1.187306509	1.826593924
	0	0.772182682			4
DUSP16	ENSG00000111266.8	0.015074412	1	1	0.015074412
	Brain_Anterior_cingulate_cortex_BA24	0.015074412			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.430586383
	-2.430586383	-2.430586383	NA	1	0
					0.772182682
RAPGEF5	ENSG00000136237.18	0.015106691	1	1	0.015106691
	Brain_Spinal_cord_cervical_c-1	0.015106691	Brain_Spinal_cord_cervical_c-1		
	1	1	1	2.429811169	2.429811169
					2.429811169
					NA
					1 0
					0.772182682
RP11-33M22.2	ENSG00000272880.1	0.015168837	1	1	0.015168837
	Brain_Hypothalamus	0.015168837	Brain_Hypothalamus	1	1 1
	-2.428322758	-2.428322758	-2.428322758	NA	1 0
					0.772182682
PICK1	ENSG00000100151.15	0.015334659	7	3	0.004541585
	Brain_Caudate_basal_ganglia	0.71234979	Brain_Amygdala	5.760973007	

	0.002728024	0.306692126	0.368702091	2.837868741	1.824087748
	0.758267121	3	0	0.772182682	
TMED6	ENSG00000157315.4	0.015347621	3	3	0.00451697
	Brain_Putamen_basal_ganglia	0.417973665			Brain_Anterior_cingulate_cortex_BA24
	1.591626485	0.411723529	0.411723529	-0.990754928	2.8396031
	0.346302146	2.161153763	3	0	0.772182682
C4B	ENSG00000224389.8	0.015511474	10	10	0.071426442
	Brain_Hypothalamus	0.993158931			Brain_Cerebellar_Hemisphere
	0.142911188	0.142911188	-1.802756646	1.788188847	3.734034545
	1.10297714	10	0	0.772182682	-0.004987287
CAPN2	ENSG00000162909.17	0.015607969	1	1	0.015607969
	Brain_Cerebellum	1	1	1	Brain_Cerebellum
	0.015607969	Brain_Cerebellum	1	1	-2.417955877
	-2.417955877	NA	1	0	-2.417955877
SREBF2	ENSG00000198911.11	0.015698742	1	1	0.015698742
	Brain_Hypothalamus	0.015698742	Brain_Hypothalamus	1	1
	-2.415845016	-2.415845016	-2.415845016	NA	1
				0	0.772182682
GMDS-AS1	ENSG00000250903.8	0.015711864	1	1	0.015711864
	Brain_Nucleus_accumbens_basal_ganglia	0.015711864			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	2.415540748
	2.415540748	2.415540748	NA	1	0
				0.772182682	
TIPIN	ENSG00000075131.9	0.015757311	13	1	0.009142197
	Brain_Cerebellar_Hemisphere	12.5931078	8.94E-05		Brain_Amygdala
	0.121357418	Brain_Cerebellar_Hemisphere	12.5931078	8.94E-05	12.5931078
	1.549101104	2.606690448	2.372737107	0.316663646	1
	0.772182682				0
CLEC18C	ENSG00000157335.20	0.015780537	3	3	0.009355337
	Brain_Cortex	0.573157179	Brain_Cerebellum	1.570990476	0.434196869
	0.434196869	-2.059062329	2.598788586	0.367711376	2.335083859
	3	0	0.772182682		
VPS45	ENSG00000136631.12	0.015946376	2	2	0.018986593
	Brain_Frontal_Cortex_BA9	0.026075905			Brain_Anterior_cingulate_cortex_BA24
	1.263608197	0.736391803	0.736391803	2.225079446	2.345794106
	2.285436776	0.085358155	2	0	0.772182682
RP11-1072A3.4	ENSG00000275263.1	0.016059995	3	3	0.001501998
	Brain_Hypothalamus	0.711629959	Brain_Cerebellar_Hemisphere	1.840269211	
	0.169750415	0.169750415	-3.174297193	0.369667891	-1.809823315
	1.907383564	3	0	0.772182682	
TPTE2	ENSG00000132958.17	0.016129025	6	6	0.110327155
	Brain_Frontal_Cortex_BA9	0.98606892	Brain_Anterior_cingulate_cortex_BA24		
	2.803883331	0.126944823	0.126944823	-0.289635387	1.596724397
	0.819673266	0.788404501	6	0	0.772182682
CDK4	ENSG00000135446.16	0.016129243	2	2	0.021520748
	Brain_Hippocampus	0.308546124	Brain_Amygdala	1.277337531	
	0.722662469	0.722662469	-2.298721686	1.018277446	-0.64022212
	2.345472579	2	0	0.772182682	
ATP5J2	ENSG00000241468.7	0.016130844	1	1	0.016130844
	Brain_Putamen_basal_ganglia	0.016130844	Brain_Putamen_basal_ganglia	1	1
	1	2.405941588	2.405941588	2.405941588	NA
				1	0
	0.772182682				
TIAL1	ENSG00000151923.17	0.016269581	4	4	0.010772779
	Brain_Cortex				Brain_Cortex
	0.924417707	Brain_Nucleus_accumbens_basal_ganglia	1.318583388		
	0.699969101	0.699969101	-2.187611154	2.549984237	-0.030762929
	1.9532716	4	0	0.772182682	
GABRB3	ENSG00000166206.14	0.016316754	1	1	0.016316754
	Brain_Cerebellum	0.016316754	Brain_Cerebellum	1	1
	2.401752282	2.401752282	NA	1	0
				0.772182682	
ZC3H8	ENSG00000144161.12	0.016363014	6	4	0.005313122
	Brain_Cerebellar_Hemisphere	0.675709584	Brain_Putamen_basal_ganglia	4.56758167	
	0.043606791	-0.194188643	0.418324904	-2.787409923	1.848905882
	0.776063695	4	0	0.772182682	
LINC00346	ENSG00000255874.2	0.016399664	8	7	0.016035952
	Brain_Substantia_nigra	0.552426081	Brain_Cortex	2.265372485	
	0.038779133	-0.540655576	-2.228678085	2.408096266	0.129262977

	1.541869316	7	0	0.772182682					
HSD17B8	ENSG00000204228.3			0.016438985	7	7	0.001722092		
	Brain_Putamen_basal_ganglia			0.968690259				Brain_Nucleus_accumbens_basal_ganglia	
	2.876909955	0.311496332		0.311496332			-1.542499868	3.134394461	
	0.46522096	1.512120523	7	0	0.772182682				
SMG6	ENSG00000070366.13			0.016518418	3	3	0.002086493		Brain_Cerebellum
	0.807320506			Brain_Spinal_cord_cervical_c-1			1.685213885	0.423476965	
	0.423476965	-3.07763648		-0.2438842	-1.786107218		1.43341324	3	0
	0.772182682								
STK25	ENSG00000115694.14			0.016535688	2	2	0.045474401		
	Brain_Cerebellar_Hemisphere			0.131340969				Brain_Nucleus_accumbens_basal_ganglia	
	1.240570708	0.759429292		0.759429292			-2.000239566	1.50883494	
	-0.245702313	2.481290379	2	0	0.772182682				
TRIP6	ENSG00000087077.13			0.016630738	2	2	0.005324704		
	Brain_Cerebellar_Hemisphere			0.646427869				Brain_Cerebellum	1.069388031
	0.930611969	0.930611969		-2.786704343			0.458730276	-1.163987033	
	2.294868827	2	0	0.772182682					
NRDC	ENSG00000078618.21			0.016659587	7	6	0.003896025		
	Brain_Frontal_Cortex_BA9			0.545410603				Brain_Nucleus_accumbens_basal_ganglia	
	2.693959449	0.004840421		0.283361812			-2.886459795	0.920932252	
	-1.007363055	1.382243559	6	0	0.772182682				
ZNF788	ENSG00000214189.8			0.016710081	2	2	0.004227848		
	Brain_Cerebellum			0.044841177				Brain_Cerebellar_Hemisphere	1.704935319
	0.295064681	0.295064681		2.006141279			2.860641548	2.433391414	
	0.604222935	2	0	0.772182682					
REPIN1	ENSG00000214022.11			0.016750775	4	3	0.01216752		Brain_Cortex
	0.987197437			Brain_Amygdala	2.395307016		0.006194792	0.752279302	
	-2.507248302	1.095702497		-0.934014179			1.777244469	3	0
	0.772182682								
TUBG1	ENSG00000131462.7			0.016750886	1	1	0.016750886		
	Brain_Nucleus_accumbens_basal_ganglia			0.016750886					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	2.392130483				
	2.392130483	2.392130483	NA	1	0	0.772182682			
UCKL1	ENSG00000198276.15			0.016799211	1	1	0.016799211		Brain_Cerebellum
	0.016799211			Brain_Cerebellum	1	1	-2.391073025	-2.391073025	
	-2.391073025	NA	1	0	0.772182682				
CCSER2	ENSG00000107771.15			0.016813318	1	1	0.016813318		
	Brain_Hypothalamus			0.016813318				Brain_Hypothalamus	1 1 1
	2.390764849	2.390764849		2.390764849	NA	1	0	0.772182682	
CNTD2	ENSG00000105219.8			0.016862403	1	1	0.016862403		Brain_Cerebellum
	0.016862403			Brain_Cerebellum	1	1	-2.38969427	-2.38969427	
	-2.38969427	NA	1	0	0.772182682				
CDIPT	ENSG00000103502.13			0.016882474	2	2	0.188101739		
	Brain_Cerebellar_Hemisphere			0.817802587				Brain_Cerebellum	1.847528469
	0.152471531	0.152471531		-1.316215453			0.230372167	-0.542921643	
	1.093602594	2	0	0.772182682					
MRPS18C	ENSG00000163319.10			0.016945474	1	1	0.016945474		
	Brain_Cortex			0.016945474				Brain_Cortex	1 1 1
	2.387888664	2.387888664	NA	1	0	0.772182682		2.387888664	
ABHD14B	ENSG00000114779.19			0.016951527	1	1	0.016951527		
	Brain_Spinal_cord_cervical_c-1			0.016951527				Brain_Spinal_cord_cervical_c-1	
	1	1	1	-2.387757411	-2.387757411		-2.387757411	NA	1 0
	0.772182682								
DLK2	ENSG00000171462.14			0.016978032	2	2	0.004335636		
	Brain_Anterior_cingulate_cortex_BA24			0.688250248				Brain_Substantia_nigra	
	1.181526089	0.818473911		0.818473911			0.401230744	2.852649878	
	1.626940311	1.733415093	2	0	0.772182682				
SPTLC3	ENSG00000172296.12			0.017038852	1	1	0.017038852		
	Brain_Amygdala			0.017038852				Brain_Amygdala	1 1 1
	2.385868301	2.385868301	NA	1	0	0.772182682		2.385868301	
EEA1	ENSG00000102189.16			0.017063815	2	2	0.005180062		
	Brain_Frontal_Cortex_BA9			0.5520579				Brain_Amygdala	1.008455425

	0.991544575	0.991544575	-2.795617819	-0.594679242	-1.695148531
	1.556298592	2	0	0.772182682	
TYMS	ENSG00000176890.15	0.01707194	1	1	0.01707194
	Brain_Anterior_cingulate_cortex_BA24	0.01707194			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.385154712
	2.385154712	2.385154712	NA	1	0
AQR	ENSG00000021776.10	0.017084523	1	1	0.017084523
	0.017084523	Brain_Cortex	1	1	1
	-2.384883666	NA	1	0	0.772182682
TADA2A	ENSG00000276234.4	0.017139155	10	3	0.002843756
	Brain_Cerebellar_Hemisphere	0.474147762			Brain_Spinal_cord_cervical_c-1
	7.58666831	0.001788125	0.337896862	-2.984141129	-0.715746711
	-2.121485142	0.890564621	3	0	0.772182682
SIGLEC7	ENSG00000168995.13	0.017166062	2	2	0.013560955
	Brain_Cortex	0.151664391			Brain_Spinal_cord_cervical_c-1
	0.997135921	0.997135921	1.433677237	2.468687606	1.002864079
	0.73186285	2	0	0.772182682	1.951182421
OR2W3	ENSG00000238243.3	0.017239961	10	7	0.072149578
	0.759625074	Brain_Hypothalamus	6.396124416	0.037539557	Brain_Amygdala
	0.258846732	-1.79817312	1.345835105	-0.304931098	0.893520268
	7	0	0.772182682		
SEC61A1	ENSG00000058262.9	0.017375983	4	4	0.018886117
	Brain_Hippocampus	0.747239355			Brain_Amygdala
	0.466691028	0.466691028	-1.72409808	2.347771241	1.492420113
	1.794261671	4	0	0.772182682	-0.022319639
TRIM73	ENSG00000178809.11	0.017384592	4	4	0.006986474
	Brain_Hippocampus	0.236919353			Brain_Anterior_cingulate_cortex_BA24
	2.186723088	0.178539376	0.178539376	-1.81748562	2.697488297
	-0.448450265	2.113245736	4	0	0.772182682
KLHL12	ENSG00000117153.15	0.017447305	8	5	0.047345957
	Brain_Putamen_basal_ganglia	0.718661227			Brain_Caudate_basal_ganglia
	5.083530689	0.005866198	0.249645925	-1.983192266	0.719043345
	-0.449715885	0.959410371	5	0	0.772182682
ADGRE5	ENSG00000123146.19	0.017455472	8	8	0.007489177
	Brain_Spinal_cord_cervical_c-1	0.747377322			Brain_Caudate_basal_ganglia
	2.210002167	0.17863933	0.17863933	-2.674271599	1.74449848
	1.415201373	8	0	0.772182682	-0.278492077
EPHA3	ENSG00000044524.10	0.017492027	3	3	0.05377633
	0.287160683	Brain_Caudate_basal_ganglia	1.246417818	0.662053906	Brain_Cerebellum
	0.662053906	-1.064370961	1.92863388	0.781118052	1.613968532
	0	0.772182682			3
PNOC	ENSG00000168081.8	0.017514746	3	3	0.092943038
	Brain_Cerebellar_Hemisphere	0.953532292			Brain_Cerebellum
	0.097302957	0.097302957	-0.351785134	1.680073389	1.912400024
	1.074463947	3	0	0.772182682	0.462186617
CTSS	ENSG00000163131.10	0.017541023	5	2	0.00743514
	Brain_Caudate_basal_ganglia	0.901786597			Brain_Cortex
	0.019729871	1.281437778	-2.676698989	-0.123404749	3.573492011
	1.201245544	2	0	0.772182682	-1.407911524
FBXO10	ENSG00000147912.12	0.017550861	2	2	0.008772024
	Brain_Spinal_cord_cervical_c-1	0.744547752			Brain_Cerebellar_Hemisphere
	1.279738074	0.720261926	0.720261926	-2.620813496	0.32583691
	-1.147488293	2.083596484	2	0	0.772182682
SP1	ENSG00000185591.9	0.017773522	5	4	0.01327751
	Brain_Cerebellar_Hemisphere	0.969593398			Brain_Cortex
	0.085160832	0.198891655	-0.306066986	2.476237826	3.762790242
	1.238306185	4	0	0.777630976	1.178764608
CCDC150	ENSG00000144395.17	0.017785856	1	1	0.017785856
	Brain_Cerebellar_Hemisphere	0.017785856			Brain_Cerebellar_Hemisphere
	1	-2.370046336	-2.370046336	-2.370046336	NA
	0.777630976	1	0		
XRCC3	ENSG00000126215.13	0.018037509	6	5	0.000176477
					Brain_Cortex

	0.850682857	Brain_Hippocampus	3.24079853	0.053289637	0.392198011
	0.188247221	3.750507766	1.608779062	1.324413477	5 0
	0.782416753				
LINC02055	ENSG00000254101.5	0.018061029	1 1	0.018061029	
	Brain_Frontal_Cortex_BA9	0.018061029	Brain_Frontal_Cortex_BA9	1 1	
	1 -2.364364579	-2.364364579	-2.364364579	NA 1 0	
	0.782416753				
LRRC47	ENSG00000130764.9	0.018072688	5 5	0.007613078	
	Brain_Substantia_nigra	0.411263619	Brain_Hypothalamus	1.97434032	
	0.29906764 0.29906764	-2.66876462	0.821671964	-1.434480364	
	1.420693769	5 0	0.782416753		
RPE65	ENSG00000116745.6	0.018119007	1 1	0.018119007	Brain_Cortex
	0.018119007	Brain_Cortex	1 1 1	-2.363177132	-2.363177132
	-2.363177132	NA 1 0	0.782416753		
NOD1	ENSG00000106100.10	0.01852124	1 1	0.01852124	Brain_Caudate_basal_ganglia
	0.01852124	Brain_Caudate_basal_ganglia	1 1	1 -2.35502941	
	-2.35502941	-2.35502941	NA 1 0	0.795131046	
EYA2	ENSG00000064655.18	0.018527105	1 1	0.018527105	Brain_Cortex
	0.018527105	Brain_Cortex	1 1 1	-2.35491176	-2.35491176
	-2.35491176	NA 1 0	0.795131046		
TNR	ENSG00000116147.16	0.018602152	2 2	0.023561284	
	Brain_Hypothalamus	0.040409786	Brain_Hippocampus	1.171644768	
	0.828355232	0.828355232	2.049535444	2.264208662	2.156872053
	0.151796889	2 0	0.795910409		
SMIM15	ENSG00000188725.7	0.018711415	1 1	0.018711415	
	Brain_Putamen_basal_ganglia	0.018711415	Brain_Putamen_basal_ganglia	1 1	
	1 2.351230975	2.351230975	2.351230975	NA 1 0	
	0.796586992				
SETD1A	ENSG00000099381.17	0.018816035	2 1	0.009090547	
	Brain_Cerebellum	0.039500058	Brain_Cerebellar_Hemisphere	1.973912658	
	0.026087342	1.973912658	2.058939255	2.608630014	2.333784635
	0.388690063	1 0	0.796586992		
TARS2	ENSG00000143374.16	0.018893847	5 5	0.000421289	
	Brain_Frontal_Cortex_BA9	0.928577302	Brain_Anterior_cingulate_cortex_BA24		
	2.841166785	0.181065846	0.181065846	0.08963496	3.526375869
	1.710352588	1.308057248	5 0	0.796586992	
RP11-139I14.2	ENSG00000237390.1	0.018976911	2 2	0.014036596	
	Brain_Cerebellum	0.952214682	Brain_Cerebellar_Hemisphere	1.507392133	
	0.492607867	0.492607867	-2.456325484	-0.059925862	-1.258125673
	1.694510423	2 0	0.796586992		
SPEG	ENSG00000072195.14	0.019045228	2 2	0.007086591	
	Brain_Cerebellar_Hemisphere	0.073198966	Brain_Cerebellum	1.384525235	
	0.615474765	0.615474765	-2.692747528	-1.79158813	-2.242167829
	0.637215921	2 0	0.796586992		
CNOT6L	ENSG00000138767.12	0.019061446	8 1	0.011671796	
	Brain_Caudate_basal_ganglia	0.032538276	Brain_Anterior_cingulate_cortex_BA24		
	7.512817956	0.000137865	7.512817956	-2.521914833	-2.137734773
	-2.272220103	0.133857218	1 0	0.796586992	
MLST8	ENSG00000167965.17	0.01909572	13 4	0.002458884	
	Brain_Substantia_nigra	0.299862908	Brain_Frontal_Cortex_BA9		
	9.859747981	1.82E-16	0.506473021	-1.036727422	3.028355754
	2.076386288	1.154335244	4 0	0.796586992	
SMIM8	ENSG00000111850.10	0.019117794	12 4	0.199947781	
	Brain_Caudate_basal_ganglia	0.906848748	Brain_Nucleus_accumbens_basal_ganglia		
	8.498585046	0.026637111	0.304072405	-1.141197623	1.281700353
	-0.252581337	0.670419179	4 0	0.796586992	
CATIP	ENSG00000158428.3	0.01920051	3 3	0.025387789	Brain_Cerebellum
	0.201681477	Brain_Hypothalamus	1.121320201	0.908145828	
	0.908145828	-1.675850091	2.235450485	0.612125336	2.03859953 3
	0 0.796586992				
ZNF180	ENSG00000167384.10	0.019225326	10 4	0.114451634	
	Brain_Hippocampus	0.900250129	Brain_Cortex	7.467859045	

	0.020308481	0.347232638	-1.578496317	0.874173878	0.291505709
	0.705172929	4 0	0.796586992		
VANGL2	ENSG00000162738.5	0.019302135	2 1	0.016813991	
	Brain_Cerebellar_Hemisphere	0.02583321	Brain_Cerebellum	1.949184393	
	0.050815607	1.949184393	-2.390750147	-2.228709949	-2.309730048
	0.114579723	1 0	0.796586992		
NHLH2	ENSG00000177551.5	0.019406446	5 5	0.0531348	
	Brain_Anterior_cingulate_cortex_BA24	0.633991155	Brain_Frontal_Cortex_BA9		
	2.968889452	0.102217965	0.102217965	-1.933823766	-0.476116819
	-1.200589547	0.633606931	5 0	0.796586992	
ATP6V1E2	ENSG00000250565.6	0.019597318	11 11	0.000577368	
	Brain_Putamen_basal_ganglia	0.876005836	Brain_Hypothalamus	3.495784836	
	0.277209049	0.277209049	-1.317078305	3.442029285	0.849788697
	1.268111428	11 0	0.796586992		
MEIS3	ENSG00000105419.17	0.019606309	3 2	0.031151976	
	Brain_Caudate_basal_ganglia	0.056979834	Brain_Frontal_Cortex_BA9	1.9537845	
	0.047319207	0.998896293	-2.155125998	1.903465483	-0.753578996
	2.302226452	2 0	0.796586992		
HADHB	ENSG00000138029.13	0.019699668	9 3	0.023487049	Brain_Cerebellum
	0.810017622	Brain_Cortex	7.447358124	0.011269421	0.277827433
	-2.265417864	1.185267869	0.396025153	1.09004523 3	0
	0.796586992				
TUBB2A	ENSG00000137267.5	0.019705702	10 8	0.005627769	
	Brain_Cerebellar_Hemisphere	0.823283893	Brain_Cerebellum	5.268729917	
	0.020205414	0.25122535	-2.768715874	2.281901603	-0.608386764
	1.257744265	8 0	0.796586992		
BICDL1	ENSG00000135127.11	0.019803346	3 2	0.005838532	
	Brain_Hypothalamus	0.035629336	Brain_Cerebellum	2.795736628	
	0.048011981	0.156251391	-2.756714436	-2.101132513	-2.409905833
	0.329441841	2 0	0.796586992		
ECE2	ENSG00000145194.17	0.0198477	13 5	0.050815384	
	Brain_Nucleus_accumbens_basal_ganglia	0.869429657	Brain_Cortex		
	9.957148283	1.83E-17	0.339930092	-1.867844162	1.953035541
	-1.03845399	1.075939323	5 0	0.796586992	
LGALS3	ENSG00000131981.15	0.01985139	2 2	0.008811632	
	Brain_Nucleus_accumbens_basal_ganglia	0.384718813	Brain_Cerebellar_Hemisphere		
	1.04537969	0.95462031	0.95462031	-2.619277169	-0.869234624
	1.237466951	2 0	0.796586992		
SYT15	ENSG00000204176.13	0.019873641	10 10	0.034446795	
	Brain_Nucleus_accumbens_basal_ganglia	0.974485992			
	Brain_Anterior_cingulate_cortex_BA24	2.518901919	0.118847944		
	0.118847944	-1.751088183	2.114802367	0.16350159	1.228438809
	0	0.796586992			10
MDK	ENSG00000110492.15	0.019917493	2 2	0.008201889	
	Brain_Caudate_basal_ganglia	0.091531703	Brain_Substantia_nigra		
	1.831345046	0.168654954	0.168654954	-2.643643907	-1.687372737
	-2.165508322	0.676185829	2 0	0.796586992	
CHD7	ENSG00000171316.11	0.020068317	2 2	0.04379905	
	Brain_Caudate_basal_ganglia	0.120325708	Brain_Spinal_cord_cervical_c-1		
	1.175484942	0.824515058	0.824515058	-1.553407935	2.016008854
	0.231300459	2.523958816	2 0	0.796586992	
PAPPA2	ENSG00000116183.10	0.020071957	2 2	0.273540954	
	Brain_Cerebellar_Hemisphere	0.422384926	Brain_Cerebellum	1.76904533	0.23095467
	0.23095467	-0.802290518	1.094944496	0.146326989	1.341547744
	0	0.796586992			2
HSD3B7	ENSG00000099377.13	0.020092548	2 2	0.031348384	
	Brain_Anterior_cingulate_cortex_BA24	0.863985919	Brain_Cortex		
	1.589620836	0.410379164	0.410379164	-0.171302494	2.152622176
	0.990659841	1.643262893	2 0	0.796586992	
2-Sep	ENSG00000168385.17	0.020214532	13 1	0.011509403	Brain_Cerebellum
	0.08232559	Brain_Hypothalamus	12.49728606	3.14E-05	12.49728606
	1.737348983	2.526839681	2.27531267	0.190977213	1 0

	0.796586992								
GOPC	ENSG00000047932.13	0.020227361	1	1	0.020227361				
	Brain_Frontal_Cortex_BA9	0.020227361			Brain_Frontal_Cortex_BA9	1	1		
	1	2.32210354	2.32210354	2.32210354	NA	1	0	0.796586992	
XAB2	ENSG00000076924.11	0.020458901	1	1	0.020458901				
	Brain_Anterior_cingulate_cortex_BA24	0.020458901							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.317823765				
	2.317823765	2.317823765	NA	1	0	0.796586992			
DCDC2	ENSG00000146038.11	0.020557029	4	4	0.001248451				
	Brain_Nucleus_accumbens_basal_ganglia	0.583624386			Brain_Cerebellum				
	2.335258019	0.159347519	0.159347519	-3.227573291	-0.548098332				
	-1.803756231	1.132756385	4	0	0.796586992				
LRP4	ENSG00000134569.9	0.020612317	5	4	0.034965089			Brain_Cortex	
	0.816618359	Brain_Caudate_basal_ganglia	3.470753754	0.008416123					
	0.139904642	0.231896556	2.108762479	0.648880131	0.816764312				
	4	0	0.796586992						
GPR146	ENSG00000164849.9	0.020677013	2	2	0.075825271				
	Brain_Cerebellar_Hemisphere	0.97028801	Brain_Cerebellum	1.761898212					
	0.238101788	0.238101788	-0.037247068	1.775439957	0.869096444				
	1.281763287	2	0	0.796586992					
NUB1	ENSG00000013374.15	0.020725622	3	3	0.01257965				
	Brain_Spinal_cord_cervical_c-1	0.348527075							
	Brain_Nucleus_accumbens_basal_ganglia	1.070143671	0.91105757	0.91105757					
	-2.495452767	1.822875055	0.088290799	2.280963052	3	0			
	0.796586992								
ALDOC	ENSG00000109107.13	0.020730317	3	3	0.010381858			Brain_Amygdala	
	0.776651997	Brain_Spinal_cord_cervical_c-1	1.776132635	0.216656795					
	0.216656795	-2.56284435	-0.283684731	-1.235199454	1.185220475				
	3	0	0.796586992						
RP11-557H15.4	ENSG00000232310.6	0.020733503	3	3	0.001860211				
	Brain_Cortex	0.110091653	Brain_Hippocampus	2.402770455					
	0.168578753	0.168578753	1.59778132	3.111687885	2.393537208				
	0.759931049	3	0	0.796586992					
ETFA	ENSG00000140374.15	0.020748149	4	4	0.010232659			Brain_Cerebellum	
	0.608926361	Brain_Spinal_cord_cervical_c-1	1.580869644	0.313736693					
	0.313736693	-2.567866382	0.826305487	-0.876745407	1.418423969				
	4	0	0.796586992						
ADPRM	ENSG00000170222.11	0.020782814	9	6	0.090393962				
	Brain_Caudate_basal_ganglia	0.948248042	Brain_Spinal_cord_cervical_c-1						
	6.695314675	0.002167606	0.245832111	-1.693323215	1.119456838				
	-0.753966701	0.840723582	6	0	0.796586992				
POLDIP2	ENSG00000004142.11	0.020836973	12	3	0.037821347				
	Brain_Spinal_cord_cervical_c-1	0.828449949	Brain_Hippocampus						
	9.701283518	0.000223269	0.708597679	-2.076785658	1.971382049				
	0.287586184	0.922553621	3	0	0.796586992				
FADS1	ENSG00000149485.18	0.020851501	9	2	0.00453046				
	Brain_Putamen_basal_ganglia	0.096410592	Brain_Anterior_cingulate_cortex_BA24						
	8.366542694	0.001414017	0.399562137	1.662509838	2.838651576				
	2.421662174	0.329246228	2	0	0.796586992				
DACH1	ENSG00000276644.4	0.020865126	1	1	0.020865126			Brain_Amygdala	
	0.020865126	Brain_Amygdala	1	1	1	2.310416144	2.310416144		
	2.310416144	NA	1	0	0.796586992				
DLG1	ENSG00000075711.20	0.021032565	2	2	0.010519611				
	Brain_Cerebellar_Hemisphere	0.100505332	Brain_Cerebellum	1.85915739	0.14084261				
	0.14084261	1.642408706	2.558264274	2.10033649	0.647607683	2	0		
	0.796586992								
FRAT1	ENSG00000165879.8	0.021113238	1	1	0.021113238				
	Brain_Hippocampus	0.021113238	Brain_Hippocampus	1	1	1			
	2.305953374	2.305953374	2.305953374	NA	1	0	0.796586992		
AGO1	ENSG00000092847.11	0.021160028	1	1	0.021160028				
	Brain_Cerebellar_Hemisphere	0.021160028	Brain_Cerebellar_Hemisphere	1	1				
	1	2.305116892	2.305116892	2.305116892	NA	1	0		

0.796586992

LRRC46 ENSG00000141294.9 0.021171423 9 6 0.000784787
Brain_Cerebellum 0.99461926 Brain_Anterior_cingulate_cortex_BA24 4.446489366
0.009072392 0.271095991 -3.358105512 1.476432681 -0.5044567
1.694404999 6 0 0.796586992

GREM1 ENSG00000166923.10 0.02120967 10 10 0.000884486 Brain_Amygdala
0.949510311 Brain_Cerebellum 1.600469183 0.567066736 0.567066736
-3.324905095 2.248645294 -0.364152433 1.525993214 10 0
0.796586992

CTNNA2 ENSG00000066032.18 0.021252692 3 3 0.025301564
Brain_Nucleus_accumbens_basal_ganglia 0.877999666 Brain_Hypothalamus
2.325485426 0.173053737 0.173053737 -2.236767133 0.153505483
-1.146786089 1.208934938 3 0 0.796586992

RP11-196G11.2 ENSG00000260911.2 0.021293183 11 3 0.002621841
Brain_Cerebellum 0.146034897 Brain_Frontal_Cortex_BA9 9.262608946
0.002028025 0.517134744 1.453680535 3.00891314 2.586674925
0.413919717 3 0 0.796586992

CTC-297N7.9 ENSG00000264016.2 0.021295478 1 1 0.021295478
Brain_Caudate_basal_ganglia 0.021295478 Brain_Caudate_basal_ganglia 1 1
1 2.302704447 2.302704447 2.302704447 NA 1 0
0.796586992

RP11-368I23.4 ENSG00000273177.1 0.021367236 1 1 0.021367236
Brain_Nucleus_accumbens_basal_ganglia 0.021367236
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -2.301431806
-2.301431806 -2.301431806 NA 1 0 0.796586992

EVPL ENSG00000167880.7 0.021378975 4 4 0.038800684
Brain_Frontal_Cortex_BA9 0.938478365 Brain_Amygdala 1.899657116
0.398286531 0.398286531 -0.530067994 2.066294465 0.741375418
1.181257335 4 0 0.796586992

PPP3CC ENSG00000120910.14 0.021407813 9 2 0.004625484
Brain_Hypothalamus 0.102472795 Brain_Hippocampus 8.241712315
0.008590497 0.429127166 1.63298194 2.832020825 2.549070965
0.364499737 2 0 0.796586992

RGR ENSG00000148604.13 0.021604252 12 12 0.021715758
Brain_Hypothalamus 0.954594814 Brain_Hippocampus 1.856166495
0.37737979 0.37737979 -2.295303133 2.192498034 0.244058809
1.338740125 12 0 0.79847168

RP3-449M8.6 ENSG00000259005.1 0.02161626 3 3 0.014575035
Brain_Hypothalamus 0.139136721 Brain_Nucleus_accumbens_basal_ganglia
1.316299274 0.690110153 0.690110153 1.479013447 2.4427697
1.923570417 0.486194544 3 0 0.79847168

GANAB ENSG00000089597.16 0.021629674 2 1 0.014395795
Brain_Hippocampus 0.037559057 Brain_Cerebellum 1.942297604
0.057702396 1.942297604 -2.447232485 -2.079634637 -2.263433561
0.259930931 1 0 0.79847168

REEP6 ENSG00000115255.10 0.021762468 6 3 0.005340501 Brain_Cerebellum
0.186554555 Brain_Cerebellar_Hemisphere 5.175625471 0.010193666
0.32161779 -2.785744147 -1.320840491 -2.392182566 0.544991774 3
0 0.801259702

RFX8 ENSG00000196460.12 0.021998594 1 1 0.021998594
Brain_Substantia_nigra 0.021998594 Brain_Substantia_nigra 1 1
1 -2.29039216 -2.29039216 -2.29039216 NA 1 0
0.807827619

VCAN ENSG00000038427.15 0.02208176 2 2 0.009668204
Brain_Cerebellar_Hemisphere 0.991837125 Brain_Cerebellum 1.352867209
0.647132791 0.647132791 -2.587475599 -0.010230825 -1.298853212
1.822387257 2 0 0.808337838

GTF2F1 ENSG00000125651.13 0.022226333 1 1 0.022226333
Brain_Cortex 0.022226333 Brain_Cortex 1 1 1 -2.286477605
-2.286477605 -2.286477605 NA 1 0 0.808337838

MVK ENSG00000110921.13 0.022256828 2 2 0.011164368
Brain_Hippocampus 0.258927694 Brain_Cortex 1.018471546

	0.981528454	0.981528454	-2.537511559	1.128929219	-0.70429117				
	2.592565137	2	0	0.808337838					
EXT1	ENSG00000182197.10	0.022401872	2	2	0.009876997	Brain_Cortex			
	0.293077475	Brain_Putamen_basal_ganglia	1.031862808	0.968137192					
	0.968137192	-2.580106071	1.051394425	-0.764355823	2.567858627				
	2	0	0.808337838						
CLIP1	ENSG00000130779.19	0.022412379	1	1	0.022412379				
	Brain_Cerebellar_Hemisphere	0.022412379	Brain_Cerebellar_Hemisphere	1	1				
	1	-2.283305512	-2.283305512	-2.283305512	NA	1	0		
	0.808337838								
HIST1H1C	ENSG00000187837.3	0.022414962	4	3	0.039744333				
	Brain_Caudate_basal_ganglia	0.404793969	Brain_Cortex	3.650080125					
	0.054065391	0.140880678	-2.056396296	-0.833090007	-1.481680058				
	0.609589121	3	0	0.808337838					
MTX3	ENSG00000177034.14	0.022471471	1	1	0.022471471				
	Brain_Cerebellar_Hemisphere	0.022471471	Brain_Cerebellar_Hemisphere	1	1				
	1	2.282302777	2.282302777	2.282302777	NA	1	0		
	0.808337838								
AARS	ENSG00000090861.15	0.022687922	9	2	0.005965022	Brain_Cortex			
	0.148884383	Brain_Caudate_basal_ganglia	7.747991389	0.000375741					
	0.732323584	1.443483267	2.749697934	2.521745722	0.416071454				
	2	0	0.808337838						
TSHZ3	ENSG00000121297.6	0.022691476	1	1	0.022691476	Brain_Cerebellum			
	0.022691476	Brain_Cerebellum	1	1	-2.278589539	-2.278589539			
	-2.278589539	NA	1	0	0.808337838				
MDF1C	ENSG00000135272.10	0.022708312	3	3	0.006482909				
	Brain_Spinal_cord_cervical_c-1	0.489393529	Brain_Hypothalamus						
	1.469692772	0.560260016	0.560260016	-2.72230088	-0.691273744				
	-1.636865715	1.022709585	3	0	0.808337838				
SH2D2A	ENSG00000027869.11	0.022745059	1	1	0.022745059				
	Brain_Hypothalamus	0.022745059	Brain_Hypothalamus	1	1	1			
	-2.277689917	-2.277689917	-2.277689917	NA	1	0	0.808337838		
POU2F2	ENSG00000028277.21	0.022755123	3	3	0.002253385				
	Brain_Hypothalamus	0.958263577	Brain_Frontal_Cortex_BA9	1.131216877					
	0.91140179	0.91140179	0.052332726	3.054629796	1.089111977				
	1.703045337	3	0	0.808337838					
VEGFC	ENSG00000150630.3	0.022787207	2	2	0.034666995				
	Brain_Nucleus_accumbens_basal_ganglia	0.108249011	Brain_Cerebellum						
	1.071273808	0.928726192	0.928726192	-2.112226863	1.606113333				
	-0.253056765	2.629263567	2	0	0.808337838				
MARK3	ENSG00000075413.17	0.022821346	3	3	0.002008755				
	Brain_Hippocampus	0.045192761	Brain_Frontal_Cortex_BA9	2.449540719					
	0.110525153	0.110525153	-3.088934822	-2.002855868	-2.604060887				
	0.55230568	3	0	0.808337838					
DEPDC4	ENSG00000166153.16	0.022985688	1	1	0.022985688				
	Brain_Amygdala	0.022985688	Brain_Amygdala	1	1	1	2.273672442		
	2.273672442	2.273672442	NA	1	0	0.812102941			
SYNRG	ENSG00000275066.4	0.023332412	6	6	0.010438798				
	Brain_Hypothalamus	0.290658234	Brain_Cerebellar_Hemisphere	2.774588119					
	0.221711129	0.221711129	-2.397845745	2.560944675	-0.443035008				
	2.034381584	6	0	0.818790077					
OSGIN1	ENSG00000140961.12	0.023368394	1	1	0.023368394				
	Brain_Hypothalamus	0.023368394	Brain_Hypothalamus	1	1	1			
	-2.267357524	-2.267357524	-2.267357524	NA	1	0	0.818790077		
DHRS13	ENSG00000167536.13	0.023391779	3	3	0.006771754				
	Brain_Cerebellar_Hemisphere	0.996667982	Brain_Frontal_Cortex_BA9						
	1.509229609	0.567554658	0.567554658	-0.004176077	2.70786513				
	1.704727689	1.487404268	3	0	0.818790077				
TM4SF1	ENSG00000169908.11	0.023438474	1	1	0.023438474				
	Brain_Hippocampus	0.023438474	Brain_Hippocampus	1	1	1			
	2.266210898	2.266210898	2.266210898	NA	1	0	0.818790077		
PLEKHG1	ENSG00000120278.15	0.023518567	2	2	0.006519427				

	Brain_Spinal_cord_cervical_c-1	0.482600668		Brain_Putamen_basal_ganglia		
	1.143566428	0.856433572	0.856433572	-2.720444226	-0.702125874	
	-1.71128505	1.427166594	2	0	0.818790077	
RP11-13A1.1	ENSG00000246363.2	0.023527019	3	3	0.010105278	
	Brain_Cortex	0.747349543	Brain_Frontal_Cortex_BA9	1.53205713		
	0.510564261	0.510564261	-0.349690855	2.572205864	0.848217058	
	1.530340138	3	0	0.818790077		
SVIP	ENSG00000198168.8	0.023620332	6	6	0.03419396	
	Brain_Putamen_basal_ganglia	0.784928457	Brain_Frontal_Cortex_BA9			
	1.620029873	0.470528856	0.470528856	-2.117776982	1.185990599	
	-0.760545773	1.267710607	6	0	0.818790077	
GAS6	ENSG00000183087.14	0.023643141	1	1	0.023643141	Brain_Cerebellum
	0.023643141	Brain_Cerebellum	1	1	-2.262879127	-2.262879127
	-2.262879127	NA	1	0	0.818790077	
NLRC5	ENSG00000140853.15	0.02374205	1	1	0.02374205	
	Brain_Spinal_cord_cervical_c-1	0.02374205	Brain_Spinal_cord_cervical_c-1	1		
	1	1	2.261277969	2.261277969	2.261277969	NA
	0.820122065					1
C4orf36	ENSG00000163633.10	0.023829205	2	2	0.00897034	
	Brain_Cerebellar_Hemisphere	0.653078375	Brain_Cerebellum	1.132602666		
	0.867397334	0.867397334	-2.613182441	0.449489785	-1.081846328	
	2.165636299	2	0	0.820122065		
AJ239322.1	ENSG00000235615.2	0.023857457	9	9	0.054060831	
	Brain_Frontal_Cortex_BA9	0.550312741	Brain_Hippocampus	1.869416417		
	0.280426744	0.280426744	-1.926348837	1.919705935	-0.541737693	
	1.184774719	0	0.820122065			
CELF2	ENSG00000048740.18	0.023974241	1	1	0.023974241	Brain_Cerebellum
	0.023974241	Brain_Cerebellum	1	1	2.257541794	2.257541794
	2.257541794	NA	1	0	0.820276344	
RP11-491F9.5	ENSG00000260769.1	0.02400332	4	4	0.008504907	
	Brain_Cerebellar_Hemisphere	0.316264086	Brain_Frontal_Cortex_BA9			
	2.476174998	0.138836678	0.138836678	-2.631339323	1.002164632	
	-1.209424322	1.552484587	4	0	0.820276344	
ARHGAP11A	ENSG00000198826.10	0.024037832	4	4	0.002092152	
	Brain_Putamen_basal_ganglia	0.663825657	Brain_Hippocampus	1.32583984		
	0.623428262	0.623428262	-1.282043504	3.076829087	0.404607899	
	1.916411814	0	0.820276344			
LINC01089	ENSG00000212694.8	0.024250127	11	3	0.004556566	
	Brain_Spinal_cord_cervical_c-1	0.284199809	Brain_Amygdala	8.614743349		
	7.38E-05	0.725085825	1.070932438	2.836817398	2.353892642	
	0.466295658	3	0	0.823558191		
VARS	ENSG00000204394.12	0.024251731	2	2	0.006454915	
	Brain_Anterior_cingulate_cortex_BA24	0.880058468	Brain_Caudate_basal_ganglia			
	1.10680059	0.89319941	0.89319941	-2.723730552	-0.150895097	-1.437312824
	1.819269397	2	0	0.823558191		
CENPT	ENSG00000102901.12	0.024372064	1	1	0.024372064	
	Brain_Cerebellar_Hemisphere	0.024372064	Brain_Cerebellar_Hemisphere	1	1	
	1	-2.251212782	-2.251212782	-2.251212782	NA	1
	0.824778382					0
DBNL	ENSG00000136279.20	0.024445187	2	2	0.006726546	Brain_Cerebellum
	0.045804701	Brain_Cortex	1.659440216	0.340559784	0.340559784	
	1.997188582	2.710087513	2.353638047	0.504095668	2	0
	0.824778382					
INAFM2	ENSG00000259330.2	0.02458954	3	3	0.012073119	
	Brain_Cerebellar_Hemisphere	0.472432123	Brain_Substantia_nigra			
	1.330377851	0.811866132	0.811866132	-1.269672131	2.509999903	
	0.652951744	1.890689108	3	0	0.824778382	
LMBR1L	ENSG00000139636.15	0.024596073	1	1	0.024596073	
	Brain_Cerebellum	0.024596073	Brain_Cerebellum	1	1	1
	2.24768829	2.24768829	NA	1	0	0.824778382
SYCP2L	ENSG00000153157.12	0.024628633	8	7	0.015562097	
	Brain_Cerebellum	0.896116359	Brain_Cerebellar_Hemisphere	4.33269128		

	0.014579204	0.27074251	-2.419026724	1.456550054	-0.794418742				
	1.406784747	7	0	0.824778382					
AC009014.3	ENSG00000271824.1	0.024641367	3	2	0.022326274				
	Brain_Cerebellum	0.126815292	Brain_Spinal_cord_cervical_c-1	1.964725686					
	0.050167974	0.985106339	1.526781748	2.284770743	1.897702934				
	0.379252375	2	0	0.824778382					
KCNH2	ENSG0000055118.14	0.024863057	2	1	0.021551558	Brain_Cerebellum			
	0.030105913	Brain_Cerebellar_Hemisphere	1.982056527	0.017943473					
	1.982056527	-2.298179804	-2.168694131	-2.233436968	0.091560198				
	1	0	0.825888482						
FBXW12	ENSG00000164049.14	0.02489389	1	1	0.02489389				
	Brain_Anterior_cingulate_cortex_BA24	0.02489389							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.243045348				
	-2.243045348	-2.243045348	NA	1	0	0.825888482			
KCNK4	ENSG00000182450.12	0.024894702	3	2	0.027460889				
	Brain_Nucleus_accumbens_basal_ganglia	0.420346539	Brain_Cortex						
	2.737015196	0.026540035	0.236444769	-2.204903182	-0.805820182				
	-1.68982469	0.769050137	2	0	0.825888482				
SLC7A8	ENSG00000092068.19	0.024910653	6	6	0.01977773	Brain_Cortex			
	0.500234428	Brain_Nucleus_accumbens_basal_ganglia	1.18806365	0.828770914					
	0.828770914	-2.330538078	1.708934404	-0.348220879	1.632551947				
	6	0	0.825888482						
RP11-133F8.2	ENSG00000249776.5	0.02502934	1	1	0.02502934				
	Brain_Hippocampus	0.02502934	Brain_Hippocampus	1	1	1			
	-2.240949601	-2.240949601	-2.240949601	NA	1	0	0.827861685		
SPOCK1	ENSG00000152377.13	0.025089687	3	3	0.004974298				
	Brain_Cerebellar_Hemisphere	0.821326097	Brain_Spinal_cord_cervical_c-1						
	1.20839723	0.798129407	0.798129407	-2.808693515	0.950896777				
	-0.69454548	1.923120802	3	0	0.827900493				
DTD2	ENSG00000129480.12	0.025196375	8	5	0.054654159				
	Brain_Hippocampus	0.914047329	Brain_Hypothalamus	5.083922183					
	0.001793038	0.266921477	-1.626623023	1.92161548	-0.378894869				
	1.233706021	5	0	0.829464666					
DIAPH1	ENSG00000131504.15	0.025389095	1	1	0.025389095				
	Brain_Cerebellum	0.025389095	Brain_Cerebellum	1	1	1	-2.23543057		
	-2.23543057	-2.23543057	NA	1	0	0.830376705			
C1R	ENSG00000159403.15	0.02540829	1	1	0.02540829				
	Brain_Nucleus_accumbens_basal_ganglia	0.02540829							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-2.235138012				
	-2.235138012	-2.235138012	NA	1	0	0.830376705			
SMPD3	ENSG00000103056.11	0.025424246	5	4	0.001555213	Brain_Cerebellum			
	0.620616451	Brain_Putamen_basal_ganglia	2.578564251	0.079651924					
	0.390418784	-1.100054877	3.16417871	1.562866978	1.813652689	4			
	0	0.830376705							
SLC22A1	ENSG00000175003.12	0.025510574	1	1	0.025510574				
	Brain_Amygdala	0.025510574	Brain_Amygdala	1	1	1	-2.233582226		
	-2.233582226	-2.233582226	NA	1	0	0.830376705			
FZD7	ENSG00000155760.2	0.02556226	1	1	0.02556226	Brain_Cerebellum	0.02556226		
	Brain_Cerebellum	1	1	1	2.232798127	2.232798127	2.232798127		
	NA	1	0	0.830376705					
YPEL3	ENSG00000090238.11	0.025580184	7	3	0.003268969				
	Brain_Caudate_basal_ganglia	0.922262088	Brain_Cortex	5.786986664					
	0.000748799	0.22540173	-2.941244036	0.097584682	-1.281916885				
	0.891831827	3	0	0.830376705					
SUPT20H	ENSG00000102710.19	0.025736065	2	2	0.011567417				
	Brain_Frontal_Cortex_BA9	0.030388547	Brain_Caudate_basal_ganglia						
	1.531516438	0.468483562	0.468483562	-2.525073259	-2.164988753				
	-2.345031006	0.254618196	2	0	0.832371261				
ZNF20	ENSG00000132010.15	0.025800195	7	6	0.033160775				
	Brain_Nucleus_accumbens_basal_ganglia	0.861325078	Brain_Putamen_basal_ganglia						
	4.182201098	0.026662834	0.144583238	-1.478405482	2.130131296				
	-0.44999278	1.275346539	6	0	0.832371261				

CYP11A1	ENSG00000140459.17	0.025845655	5	4	0.006817348				
	Brain_Cerebellar_Hemisphere	0.151185627				Brain_Nucleus_accumbens_basal_ganglia			
	3.112796279	0.035081206	0.276234551		1.435356176		2.705637217		
	1.839610398	0.503281078	4	0	0.832371261				
ST8SIA2	ENSG00000140557.11	0.025879601	1	1	0.025879601				
	Brain_Frontal_Cortex_BA9	0.025879601				Brain_Frontal_Cortex_BA9	1	1	
	1	-2.228013706	-2.228013706	-2.228013706	NA	1	0		
	0.832371261								
ZNF461	ENSG00000197808.11	0.025958626	3	1	0.008687485				
	Brain_Cortex	0.049123482				Brain_Nucleus_accumbens_basal_ganglia			
	2.921225609	0.025006543	2.921225609		-2.624113438		-1.967518358		
	-2.197696174	0.369677854	1	0	0.832998015				
TIMM23	ENSG00000265354.3	0.026206793	1	1	0.026206793				
	Brain_Amygdala	0.026206793				Brain_Amygdala	1	1	2.223133588
	2.223133588	2.223133588	NA	1	0	0.837564451			
SLC26A9	ENSG00000174502.18	0.026220658	1	1	0.026220658				
	Brain_Spinal_cord_cervical_c-1	0.026220658				Brain_Spinal_cord_cervical_c-1			
	1	1	1	-2.222927957	-2.222927957	-2.222927957	NA	1	0
	0.837564451								
RP11-539L10.2	ENSG00000246526.2	0.026447436	1	1	0.026447436				
	Brain_Nucleus_accumbens_basal_ganglia	0.026447436							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	2.219577864				
	2.219577864	2.219577864	NA	1	0	0.840843063			
P2RX4	ENSG00000135124.14	0.026451497	6	6	0.024591026				Brain_Cortex
	0.616697493	Brain_Caudate_basal_ganglia	2.596180751		0.105850822				
	0.105850822	-2.2477674	1.984516887		0.406994505		1.411045041		6
	0	0.840843063							
MRPS2	ENSG00000122140.10	0.026503594	1	1	0.026503594				
	Brain_Hypothalamus	0.026503594				Brain_Hypothalamus	1	1	1
	-2.218752099	-2.218752099	-2.218752099	NA	1	0	0.840843063		
VRK2	ENSG00000028116.16	0.026662531	2	2	0.024915964				
	Brain_Hippocampus	0.947596772				Brain_Substantia_nigra			1.532808724
	0.467191276	0.467191276	-2.242703145		0.065724995		-1.088489075		
	1.632305192	2	0	0.843600462					
CRYGN	ENSG00000127377.8	0.0267111	1	1	0.0267111				
	Brain_Anterior_cingulate_cortex_BA24	0.0267111							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.215713929				
	-2.215713929	-2.215713929	NA	1	0	0.843600462			
CWF19L1	ENSG00000095485.16	0.02684544	13	2	0.009989182				
	Brain_Substantia_nigra	0.419958396				Brain_Hippocampus			11.8387498
	0.00010096	0.473212585	-2.576203545		-0.806493427		-2.187479961		
	0.498671384	2	0	0.84436232					
C3	ENSG00000125730.16	0.026855924	1	1	0.026855924				
	Brain_Anterior_cingulate_cortex_BA24	0.026855924							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.213605568				
	-2.213605568	-2.213605568	NA	1	0	0.84436232			
NES	ENSG00000132688.10	0.027006857	1	1	0.027006857				
	Brain_Cerebellar_Hemisphere	0.027006857				Brain_Cerebellar_Hemisphere	1	1	
	1	-2.21141868	-2.21141868	-2.21141868	NA	1	0		
	0.846540308								
SMAD7	ENSG00000101665.8	0.02704621	1	1	0.02704621				Brain_Frontal_Cortex_BA9
	0.02704621	Brain_Frontal_Cortex_BA9	1	1	1	2.210850239			
	2.210850239	2.210850239	NA	1	0	0.846540308			
SRGAP2B	ENSG00000196369.10	0.027110775	6	5	0.071160662				
	Brain_Anterior_cingulate_cortex_BA24	0.791825068				Brain_Hypothalamus			
	2.794468502	9.00E-17	0.372026196		-1.804450824		0.496107787		
	-0.51283168	0.978570967	5	0	0.846667093				
RP11-71E19.1	ENSG00000250934.1	0.027192364	4	3	0.0022058				
	Brain_Cerebellar_Hemisphere	0.91660857				Brain_Nucleus_accumbens_basal_ganglia			
	1.946660889	0.052909204	0.948702731		0.104706669		3.061025918		
	1.607121921	1.573440992	3	0	0.847323746				
DYRK1B	ENSG00000105204.13	0.027326452	3	3	0.002889985				

	Brain_Spinal_cord_cervical_c-1	0.861868254			Brain_Cerebellar_Hemisphere		
	1.93256594	0.160048121	0.160048121		-2.979203831		-0.173996448
	-1.140963476	1.592681708	3	0	0.84960975		
VPS13A	ENSG00000197969.11	0.027623842	6	6	0.117971246		
	Brain_Caudate_basal_ganglia	0.86782838	Brain_Putamen_basal_ganglia	2.952471693			
	0.132630559	0.132630559	-1.476990117		1.563345951		-0.069715932
	1.262938013	6	0	0.85013142			
ZMIZ2	ENSG00000122515.14	0.027721156	8	8	0.000495468		
	Brain_Frontal_Cortex_BA9	0.706883036	Brain_Cerebellar_Hemisphere				
	3.918282269	0.151939257	0.151939257		0.376045546		3.48319471
	1.81406429	1.020259286	8	0	0.85013142		
MRT04	ENSG00000053372.4	0.027743295	9	3	0.090213085	Brain_Amygdala	
	0.955005465	Brain_Putamen_basal_ganglia	7.543944397		0.037311835		
	0.364709301	-0.467545001	1.694274756		0.835016175		0.734994379
	3	0	0.85013142				
PDLIM2	ENSG00000120913.23	0.027780848	2	2	0.037124885		
	Brain_Cortex	0.576493269	Brain_Frontal_Cortex_BA9	1.776147469			
	0.223852531	0.223852531	-2.084388037		-0.558514261		-1.321451149
	1.078955694	2	0	0.85013142			
CD84	ENSG00000066294.14	0.027811835	3	3	0.011945996		
	Brain_Nucleus_accumbens_basal_ganglia	0.210782829	Brain_Hippocampus				
	1.426504205	0.622647835	0.622647835		1.251415764		2.513735581
	1.88004688	0.631175106	3	0	0.85013142		
NCKIPSD	ENSG00000213672.7	0.027819887	13	2	0.011383934		
	Brain_Hippocampus	0.441740908	Brain_Hypothalamus	12.10131814			
	0.000729582	0.419152673	-2.530687146		-0.769256748		-2.045458709
	0.468221296	2	0	0.85013142			
IGSF10	ENSG00000152580.8	0.027891852	1	1	0.027891852		
	Brain_Anterior_cingulate_cortex_BA24	0.027891852					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.19880414		
	-2.19880414	-2.19880414	NA	1	0	0.85013142	
CD46	ENSG00000117335.19	0.02791812	13	3	0.012991432	Brain_Hypothalamus	
	0.974579983	Brain_Anterior_cingulate_cortex_BA24	10.91813349				
	0.001402718	0.483255708	-0.031864658		2.484004086		1.501369724
	0.665230899	3	0	0.85013142			
LINC01106	ENSG00000175772.10	0.02793681	4	4	0.009857816		
	Brain_Caudate_basal_ganglia	0.346167669	Brain_Hypothalamus	2.764850985			
	0.176801333	0.176801333	0.942048774		2.580777253		1.789521981
	0.694128614	4	0	0.85013142			
COLEC12	ENSG00000158270.11	0.028011024	4	4	0.020318518		
	Brain_Cerebellar_Hemisphere	0.198990015	Brain_Cortex	1.465454085			
	0.519616221	0.519616221	-2.320413524		1.78133077		-0.374163686
	2.211622972	4	0	0.85013142			
SLC18A2	ENSG00000165646.11	0.028147574	1	1	0.028147574		
	Brain_Cerebellum	0.028147574	Brain_Cerebellum	1	1	1	2.195223428
	2.195223428	2.195223428	NA	1	0	0.85013142	
DNMT3B	ENSG00000088305.18	0.028401216	3	2	0.009141053		
	Brain_Anterior_cingulate_cortex_BA24	0.080007719	Brain_Cerebellar_Hemisphere				
	2.400534259	0.057021756	0.542443985		1.750641283		2.606733287
	2.172850538	0.428165368	2	0	0.85013142		
RP11-307E17.8	ENSG00000232063.1	0.028445042	6	5	0.038955784		
	Brain_Substantia_nigra	0.498483402	Brain_Putamen_basal_ganglia				
	3.842558809	0.11431138	0.218472072		-0.945356428		2.064653636
	1.002400845	1.054289774	5	0	0.85013142		
RNF144B	ENSG00000137393.9	0.028486412	1	1	0.028486412		
	Brain_Substantia_nigra	0.028486412	Brain_Substantia_nigra	1	1		
	1	-2.190521849	-2.190521849		-2.190521849	NA	1
						0	0.85013142
DDX25	ENSG00000109832.13	0.02861955	11	4	0.023146189		
	Brain_Anterior_cingulate_cortex_BA24	0.946596962	Brain_Caudate_basal_ganglia				
	8.678567601	0.003294141	0.349487527		-2.27101304		0.754848453
	-0.537296025	0.754994853	4	0	0.85013142		
TBC1D14	ENSG00000132405.18	0.028621991	1	1	0.028621991		

	Brain_Spinal_cord_cervical_c-1	0.028621991			Brain_Spinal_cord_cervical_c-1			
	1 1 1	-2.188654089	-2.188654089		-2.188654089	NA	1	0
	0.85013142							
SMARCD1	ENSG00000066117.14	0.028632782	1	1	0.028632782			
	Brain_Cerebellar_Hemisphere	0.028632782			Brain_Cerebellar_Hemisphere	1	1	
	1 -2.18850576	-2.18850576	-2.18850576		NA	1	0	0.85013142
KB-1592A4.15	ENSG00000197210.7	0.028705476	2	2	0.008035859			
	Brain_Cerebellar_Hemisphere	0.133617617			Brain_Cerebellum	1.474434386		
	0.525565614	0.525565614	-2.650559417		-1.499987591			-2.075273504
	0.81357714	2 0	0.85013142					
BCKDHB	ENSG00000083123.14	0.028740332	4	3	0.021703913			
	Brain_Anterior_cingulate_cortex_BA24	0.389573432			Brain_Caudate_basal_ganglia			
	2.956922339	0.055501759	0.399887013		0.860391205			2.295510024
	1.665877102	0.710798229	3 0	0.85013142				
RP11-1007O24.2	ENSG00000261187.1	0.028746229	1	1	0.028746229			
	Brain_Putamen_basal_ganglia	0.028746229			Brain_Putamen_basal_ganglia	1	1	
	1 2.186949245	2.186949245	2.186949245		NA	1	0	0.85013142
LINC02102	ENSG00000248677.1	0.028784791	3	3	0.002790088			
	Brain_Cortex	0.815262446			Brain_Cerebellar_Hemisphere	1.314905189		
	0.767958586	0.767958586	-2.989965707		-0.233642609			-1.153031096
	1.590832305	3 0	0.85013142					
STAU2	ENSG00000040341.17	0.028801564	2	2	0.140086517			Brain_Cerebellum
	0.686439244	Brain_Cerebellar_Hemisphere	1.906892919		0.093107081			
	0.093107081	0.403691972	1.475468923		0.939580447			0.75786075 2
	0	0.85013142						
TMOD1	ENSG00000136842.13	0.028817845	2	1	0.026079954			Brain_Cerebellum
	0.033788895	Brain_Cerebellar_Hemisphere	1.977794841		0.022205159			
	1.977794841	-2.225019133	-2.12258199		-2.173800562			0.072433999
	1 0	0.85013142						
RP11-3B7.1	ENSG00000225399.4	0.028951654	2	2	0.02071604			Brain_Cortex
	0.036547589	Brain_Anterior_cingulate_cortex_BA24	1.376538411					
	0.623461589	0.623461589	-2.313120052		-2.090782234			-2.201951143
	0.157216579	2 0	0.85013142					
CENPO	ENSG00000138092.10	0.02896348	4	4	0.02143218			Brain_Frontal_Cortex_BA9
	0.975211201	Brain_Putamen_basal_ganglia	2.33980253		0.147071724			
	0.147071724	-0.793236658	2.300283217		0.192913877			1.445532596
	4 0	0.85013142						
UNC45A	ENSG00000140553.17	0.029003072	1	1	0.029003072			
	Brain_Cerebellum	0.029003072			Brain_Cerebellum	1	1	1
	-2.183444766	-2.183444766	NA	1	0			0.85013142
ALOX12	ENSG00000108839.11	0.029086949	1	1	0.029086949			
	Brain_Spinal_cord_cervical_c-1	0.029086949			Brain_Spinal_cord_cervical_c-1			
	1 1 1	-2.182306101	-2.182306101		-2.182306101	NA	1	0
	0.85013142							
AC093323.3	ENSG00000170846.16	0.029108034	1	1	0.029108034			
	Brain_Putamen_basal_ganglia	0.029108034			Brain_Putamen_basal_ganglia	1	1	
	1 -2.182020313	-2.182020313	-2.182020313		NA	1	0	0.85013142
ORC4	ENSG00000115947.13	0.029110029	5	3	0.003599091			
	Brain_Frontal_Cortex_BA9	0.076070882			Brain_Amygdala	3.457019796		
	0.010930703	0.501963947	1.77395326		2.911316648			2.365422133
	0.40294771	3 0	0.85013142					
TCP11L1	ENSG00000176148.15	0.029434447	9	5	0.003689821			
	Brain_Cortex	0.605917605			Brain_Frontal_Cortex_BA9	6.340145328		
	0.006564875	0.313385006	0.51590952		2.903529595			1.475513049
	0.694310279	5 0	0.85013142					
CLASRP	ENSG00000104859.14	0.029480159	2	2	0.008999311			
	Brain_Substantia_nigra	0.710197782			Brain_Spinal_cord_cervical_c-1			
	1.039242184	0.960757816	0.960757816		0.371590475			2.612080326
	1.4918354	1.584265567	2 0	0.85013142				
KDM8	ENSG00000155666.11	0.029486491	6	6	0.00932503			
	Brain_Nucleus_accumbens_basal_ganglia	0.940864105			Brain_Putamen_basal_ganglia			
	1.857965593	0.307961479	0.307961479		-2.23174326			2.599902323

	0.184021865	1.781315512	6	0	0.85013142		
AC007563.1	ENSG00000236295.1	0.029564031	1	1	0.029564031		
	Brain_Cerebellum	0.029564031	Brain_Cerebellum	1	1	1	2.175882727
	2.175882727	2.175882727	NA	1	0	0.85013142	
RHCG	ENSG00000140519.12	0.02961758	1	1	0.02961758	Brain_Cerebellum	0.02961758
	Brain_Cerebellum	1	1	1	-2.175167322	-2.175167322	-2.175167322
	NA	1	0	0.85013142			
RP11-575F12.2	ENSG00000256001.1	0.029649179	1	1	0.029649179		
	Brain_Frontal_Cortex_BA9	0.029649179	Brain_Frontal_Cortex_BA9	1	1		
	1	2.174745693	2.174745693	2.174745693	NA	1	0
							0.85013142
RP11-554F20.1	ENSG00000237461.1	0.029727624	1	1	0.029727624		
	Brain_Hippocampus	0.029727624	Brain_Hippocampus	1	1	1	
	-2.173700645	-2.173700645	-2.173700645	NA	1	0	0.85013142
XPNPEP3	ENSG00000196236.12	0.029761548	7	7	0.021600229		
	Brain_Hippocampus	0.973249446	Brain_Spinal_cord_cervical_c-1				
	2.665607143	0.099912993	0.099912993	-2.297325137	-0.661872592		
	-0.902017009	1.153882825	7	0	0.85013142		
RP11-1070N10.4	ENSG00000258390.1	0.029766926	1	1	0.029766926		
	Brain_Cerebellum	0.029766926	Brain_Cerebellum	1	1	1	-2.173177958
	-2.173177958	-2.173177958	NA	1	0	0.85013142	
DDX17	ENSG00000100201.20	0.029802951	3	2	0.030305309		
	Brain_Cerebellar_Hemisphere	0.369895153	Brain_Putamen_basal_ganglia	2.75599537			
	0.054806524	0.189198107	0.896669776	2.166076923	1.438188094		
	0.654903888	2	0	0.85013142			
PLEK	ENSG00000115956.9	0.029864366	5	4	0.002197473		
	Brain_Nucleus_accumbens_basal_ganglia	0.583321727	Brain_Caudate_basal_ganglia				
	2.322543602	0.052748967	0.638641482	-3.062158196	0.950121339		
	-1.424996493	1.677719136	4	0	0.85013142		
ADRA2C	ENSG00000184160.7	0.029889448	3	3	0.004297664		
	Brain_Spinal_cord_cervical_c-1	0.630724612	Brain_Cerebellum	1.362492035			
	0.741578712	0.741578712	-2.855444468	0.931018004	-0.801711222		
	1.913532649	3	0	0.85013142			
TSPAN3	ENSG00000140391.14	0.029895265	2	2	0.0094737	Brain_Cerebellum	
	0.141092261	Brain_Cerebellar_Hemisphere	1.375249328	0.624750672			
	0.624750672	-2.594469565	-1.471735708	-2.033102636	0.793892723		
	2	0	0.85013142				
RP11-486I11.2	ENSG00000277369.1	0.030260086	1	1	0.030260086		
	Brain_Hypothalamus	0.030260086	Brain_Hypothalamus	1	1	1	
	-2.166669208	-2.166669208	-2.166669208	NA	1	0	0.857794409
RP11-791G15.2	ENSG00000272275.1	0.030287359	2	2	0.01003569		
	Brain_Frontal_Cortex_BA9	0.533323183	Brain_Cerebellar_Hemisphere				
	1.007143373	0.992856627	0.992856627	-2.574597157	0.622941168		
	-0.975827995	2.261001033	2	0	0.857794409		
RP1-56K13.5	ENSG00000266588.1	0.030416323	1	1	0.030416323		
	Brain_Frontal_Cortex_BA9	0.030416323	Brain_Frontal_Cortex_BA9	1	1		
	1	-2.164626202	-2.164626202	-2.164626202	NA	1	0
	0.859658408						
KPNA4	ENSG00000186432.8	0.03056327	1	1	0.03056327		
	Brain_Anterior_cingulate_cortex_BA24	0.03056327					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.162712881		
	2.162712881	2.162712881	NA	1	0	0.859658408	
WDR17	ENSG00000150627.15	0.030696692	3	3	0.031682296	Brain_Cerebellum	
	0.661648575	Brain_Cortex	1.143770292	0.850885591	0.850885591		
	-2.148396176	1.855519311	0.048253779	2.030160087	3	0	
	0.859658408						
SIPA1L2	ENSG00000116991.10	0.030704204	5	5	0.005934992		
	Brain_Hippocampus	0.70474618	Brain_Putamen_basal_ganglia	2.29038624			
	0.189788339	0.189788339	-0.378921471	2.75135152	1.678194391		
	1.243259009	5	0	0.859658408			
CIB2	ENSG00000136425.12	0.030719213	12	5	0.008871133	Brain_Cerebellum	
	0.768143909	Brain_Substantia_nigra	8.293866285	0.014911646			
	0.457192719	-2.616980818	0.906359667	-1.185983527	0.975283591		

5 0 0.859658408
HOXC4 ENSG00000198353.7 0.030721836 1 1 0.030721836
Brain_Nucleus_accumbens_basal_ganglia 0.030721836
Brain_Nucleus_accumbens_basal_ganglia 1 1 -2.160657118
-2.160657118 -2.160657118 NA 1 0 0.859658408
USP2 ENSG00000036672.15 0.031018058 3 3 0.003791154 Brain_Cortex
0.941975969 Brain_Frontal_Cortex_BA9 1.156976292 0.801343768
0.801343768 -0.072786556 2.895035743 1.078285452 1.59196042 3
0 0.860205619
GMPPA ENSG00000144591.18 0.031025066 2 2 0.027948965 Brain_Cerebellum
0.218725353 Brain_Spinal_cord_cervical_c-1 1.098800461 0.901199539
0.901199539 -2.198001978 -1.229924569 -1.713963274 0.684534101
2 0 0.860205619
GMPS ENSG00000163655.15 0.031226916 2 2 0.044727237 Brain_Amygdala
0.093096604 Brain_Caudate_basal_ganglia 1.012313159 0.987686841
0.987686841 -2.007210664 1.679284535 -0.163963064 2.606745754
2 0 0.860205619
IFRD2 ENSG00000214706.10 0.03131959 1 1 0.03131959 Brain_Cerebellum 0.03131959
Brain_Cerebellum 1 1 1 -2.152988402 -2.152988402 -2.152988402
NA 1 0 0.860205619
RP11-313F23.4 ENSG00000255652.3 0.031355026 1 1 0.031355026
Brain_Amygdala 0.031355026 Brain_Amygdala 1 1 1 2.152537741
2.152537741 2.152537741 NA 1 0 0.860205619
GDAP1L1 ENSG00000124194.16 0.031384417 1 1 0.031384417
Brain_Cerebellum 0.031384417 Brain_Cerebellum 1 1 1 2.152164297
2.152164297 2.152164297 NA 1 0 0.860205619
RPH3A ENSG00000089169.14 0.031384851 1 1 0.031384851
Brain_Cerebellar_Hemisphere 0.031384851 Brain_Cerebellar_Hemisphere 1 1
1 2.152158785 2.152158785 2.152158785 NA 1 0
0.860205619
LINC00865 ENSG00000232229.5 0.031455549 13 1 0.012754016
Brain_Amygdala 0.497531358 Brain_Cerebellar_Hemisphere 12.41287843
0.000332457 12.41287843 0.678379098 2.490565015 2.090413621
0.469255646 1 0 0.860205619
CALN1 ENSG00000183166.10 0.031468709 1 1 0.031468709
Brain_Caudate_basal_ganglia 0.031468709 Brain_Caudate_basal_ganglia 1 1
1 2.151094908 2.151094908 2.151094908 NA 1 0
0.860205619
RP11-178F10.3 ENSG00000266489.1 0.031509764 7 7 0.034265244
Brain_Hypothalamus 0.842348029 Brain_Amygdala 3.429748501
0.166473709 0.166473709 -2.116936422 0.976082745 -0.039779053
1.123643687 7 0 0.860205619
RGPD8 ENSG00000169629.11 0.031578601 13 4 0.003843936
Brain_Putamen_basal_ganglia 0.645332371 Brain_Nucleus_accumbens_basal_ganglia
9.943036033 0.003448531 0.485221001 -2.890692895 1.55061555
-1.64002818 1.106782179 4 0 0.860205619
VSTM2A ENSG00000170419.10 0.031609895 1 1 0.031609895
Brain_Cortex 0.031609895 Brain_Cortex 1 1 1 -2.149309239
-2.149309239 -2.149309239 NA 1 0 0.860205619
CAPN15 ENSG00000103326.11 0.031632663 3 3 0.006809099
Brain_Cerebellum 0.620980433 Brain_Putamen_basal_ganglia 1.129893075
0.827949107 0.827949107 -2.706039301 -0.494461298 -1.36961529
1.175732469 3 0 0.860205619
ARHGEF39 ENSG00000137135.17 0.031702491 12 4 0.019938171
Brain_Nucleus_accumbens_basal_ganglia 0.997788061 Brain_Cerebellar_Hemisphere
8.818393473 0.009453597 0.674926429 -1.263900026 2.327509367
-0.117088944 0.836772869 4 0 0.860205619
WDR86 ENSG00000187260.15 0.03174625 3 2 0.009786245
Brain_Nucleus_accumbens_basal_ganglia 0.516829425 Brain_Cerebellum
1.942925459 0.057099972 0.999974569 -2.583292018 -0.648240479
-1.886285087 1.075010438 2 0 0.860205619
Clorf168 ENSG00000187889.12 0.03175677 2 2 0.01128753 Brain_Cerebellum

	0.461091257	Brain_Substantia_nigra	1.017550563	0.982449437			
	0.982449437	-2.533668987	-0.737051129	-1.635360058	1.27040067	2	
	0	0.860205619					
RAD51	ENSG00000051180.16	0.031818293	2	2	0.010828992		
	Brain_Substantia_nigra	0.420491558			Brain_Caudate_basal_ganglia		
	1.067808595	0.932191405	0.932191405	-2.548169236	-0.805568737		
	-1.676868986	1.232204629	2	0	0.860205619		
GALT	ENSG00000213930.11	0.031848082	3	3	0.003537195		
	Brain_Putamen_basal_ganglia	0.699328409			Brain_Cortex	1.511410916	
	0.48476944	0.48476944	-2.916732073	-0.386227202	-1.264541467		
	1.431791594	3	0	0.860205619			
S100A13	ENSG00000189171.14	0.031974363	12	2	0.105861476		
	Brain_Substantia_nigra	0.629732384			Brain_Spinal_cord_cervical_c-1		
	10.41956981	0.009766195	0.529811032	-1.617077856	0.572073444		
	-1.032547461	0.628257779	2	0	0.8606068		
ZKSCAN5	ENSG00000196652.11	0.031985958	3	2	0.009266456		
	Brain_Cortex	0.013137559			Brain_Frontal_Cortex_BA9	2.821862568	
	0.032082427	0.146055005	-2.602063985	-2.480018424	-2.540706652		
	0.061025532	2	0	0.8606068			
RP1-151F17.2	ENSG00000272341.1	0.032177093	1	1	0.032177093		
	Brain_Cortex	0.032177093	Brain_Cortex	1	1	1	2.142203706
	2.142203706	2.142203706	NA	1	0	0.862519717	
PCDHGB1	ENSG00000254221.2	0.032262487	1	1	0.032262487		
	Brain_Cerebellar_Hemisphere	0.032262487			Brain_Cerebellar_Hemisphere	1	1
	1	2.141143257	2.141143257	2.141143257	NA	1	0
	0.862519717						
CRYGA	ENSG00000168582.4	0.032293156	8	5	0.164048415		
	Brain_Hypothalamus	0.727661647			Brain_Frontal_Cortex_BA9	5.6889705	
	0.029982096	0.206619211	-1.391583972	0.452151436	-0.828352582		
	0.644721129	5	0	0.862519717			
MCM6	ENSG00000076003.4	0.032303647	5	4	0.03732561	Brain_Cerebellum	
	0.989616508	Brain_Caudate_basal_ganglia	2.925049834	0.065837535			
	0.214512078	-2.082184611	0.761212326	-0.387312129	1.246358911		
	4	0	0.862519717				
STPG3	ENSG00000197768.10	0.032445132	1	1	0.032445132	Brain_Cortex	
	0.032445132	Brain_Cortex	1	1	1	-2.138883167	-2.138883167
	-2.138883167	NA	1	0	0.864647308		
ZNF669	ENSG00000188295.14	0.032639196	9	3	0.186997152		
	Brain_Anterior_cingulate_cortex_BA24	0.740947952			Brain_Caudate_basal_ganglia		
	7.491137584	0.017025456	0.345506727	-0.763350901	1.319514542		
	0.628107451	0.630611515	3	0	0.865270611		
C20orf203	ENSG00000198547.8	0.032734222	13	4	0.002808184		
	Brain_Hippocampus	0.545485578			Brain_Hypothalamus	10.25225069	
	1.30E-16	0.397106397	-2.987990353	-0.604538655	-2.58068792		
	0.663745306	4	0	0.865270611			
FMN2	ENSG00000155816.19	0.03274693	2	2	0.014302055		
	Brain_Frontal_Cortex_BA9	0.383788527			Brain_Substantia_nigra		
	1.017971196	0.982028804	0.982028804	-2.449586012	-0.870937048		
	-1.66026153	1.116273387	2	0	0.865270611		
MIEF2	ENSG00000177427.12	0.032803312	1	1	0.032803312		
	Brain_Putamen_basal_ganglia	0.032803312			Brain_Putamen_basal_ganglia	1	1
	1	-2.134482405	-2.134482405	-2.134482405	NA	1	0
	0.865270611						
LSS	ENSG00000160285.14	0.032883481	8	6	0.064618871		
	Brain_Anterior_cingulate_cortex_BA24	0.814979888			Brain_Hypothalamus		
	4.592229791	0.108328536	0.182411994	-0.935542731	1.847885757		
	0.151081276	0.959157576	6	0	0.865270611		
WDR92	ENSG00000243667.6	0.032996846	8	3	0.003625872		
	Brain_Hippocampus	0.730455006			Brain_Spinal_cord_cervical_c-1		
	6.080904181	3.60E-05	0.523383579	0.344520335	2.908999693		
	2.107052325	0.8066006	3	0	0.865270611		
FLVCR2	ENSG00000119686.9	0.03317226	2	2	0.101006949		

	Brain_Hippocampus	0.108532547		Brain_Spinal_cord_cervical_c-1				
	1.227137527	0.772862473	0.772862473	-1.604823979	1.639991431			
	0.017583726	2.29443098	2	0	0.865270611			
RASL11A	ENSG00000122035.6	0.033189736	0.033189736	1	1	0.033189736		
	Brain_Cerebellum	0.033189736	Brain_Cerebellum	1	1	1	2.129780543	
	2.129780543	2.129780543	NA	1	0	0.865270611		
CSNK2A2	ENSG00000070770.8	0.033205862	0.033205862	1	1	0.033205862		
	Brain_Spinal_cord_cervical_c-1	0.033205862	0.033205862	Brain_Spinal_cord_cervical_c-1				
	1	1	-2.12958534	-2.12958534	-2.12958534	NA	1	0
	0.865270611							
NOXRED1	ENSG00000165555.9	0.033267113	0.033267113	7	5	0.082901295		
	Brain_Frontal_Cortex_BA9	0.467288801	0.467288801	Brain_Caudate_basal_ganglia				
	4.651651095	0.002203394	0.205600952	-1.734094623	1.721329663			
	0.544796364	1.305463336	5	0	0.865270611			
NDUFS4	ENSG00000164258.11	0.033268707	0.033268707	1	1	0.033268707		
	Brain_Cerebellar_Hemisphere	0.033268707	0.033268707	Brain_Cerebellar_Hemisphere	1	1		
	1	-2.128825423	-2.128825423	-2.128825423	NA	1	0	
	0.865270611							
MIRLET7BHG	ENSG00000197182.14	0.033316297	0.033316297	1	1	0.033316297		
	Brain_Cerebellum	0.033316297	0.033316297	Brain_Cerebellum	1	1	1	2.128250774
	2.128250774	2.128250774	NA	1	0	0.865270611		
LMO7	ENSG00000136153.19	0.033345437	0.033345437	1	1	0.033345437		
	Brain_Frontal_Cortex_BA9	0.033345437	0.033345437	Brain_Frontal_Cortex_BA9	1	1		
	1	-2.127899254	-2.127899254	-2.127899254	NA	1	0	
	0.865270611							
CCL20	ENSG00000115009.11	0.033435316	0.033435316	2	2	0.056492536		
	Brain_Spinal_cord_cervical_c-1	0.056632306	0.056632306	Brain_Hippocampus				
	1.069825257	0.930174743	0.930174743	-1.907216671	-1.906137982			
	-1.906677326	0.000762748	2	0	0.865270611			
GFRA2	ENSG00000168546.10	0.033443232	0.033443232	2	2	0.034155043		
	Brain_Frontal_Cortex_BA9	0.180378764	0.180378764	Brain_Cerebellar_Hemisphere				
	1.082490065	0.917509935	0.917509935	-2.118236504	-1.339589731			
	-1.728913117	0.550586414	2	0	0.865270611			
PELO	ENSG00000152684.10	0.03349668	0.03349668	2	2	0.041972958		
	Brain_Nucleus_accumbens_basal_ganglia	0.077724292	0.077724292	Brain_Hippocampus				
	1.067842628	0.932157372	0.932157372	-2.03378817	1.76404566			
	-0.134871255	2.685474055	2	0	0.865270611			
RAVER2	ENSG00000162437.14	0.033519882	0.033519882	2	2	0.020225068		
	Brain_Cerebellar_Hemisphere	0.394760873	0.394760873	Brain_Cerebellum	1.719960518			
	0.280039482	0.280039482	0.851015266	2.322146145	1.586580705			
	1.040246621	2	0	0.865270611				
ATG14	ENSG00000126775.8	0.033659457	0.033659457	12	3	0.015229136		
	Brain_Cerebellar_Hemisphere	0.65074035	0.65074035	Brain_Hippocampus	10.10763383			
	0.004556017	0.51323597	0.452733922	2.42688371	1.190989861			
	0.529637274	3	0	0.865643096				
RP11-399K21.14	ENSG00000272692.1	0.033682395	0.033682395	5	5	0.003404808		
	Brain_Spinal_cord_cervical_c-1	0.974211283	0.974211283	Brain_Cerebellar_Hemisphere				
	1.51273017	0.536356428	0.536356428	-0.267510579	2.928610461			
	1.217897347	1.361647908	5	0	0.865643096			
TBC1D8-AS1	ENSG00000272902.2	0.033754384	0.033754384	1	1	0.033754384		
	Brain_Nucleus_accumbens_basal_ganglia	0.033754384	0.033754384					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	2.122993653			
	2.122993653	2.122993653	NA	1	0	0.865643096		
NAMPT	ENSG00000105835.11	0.033781798	0.033781798	2	2	0.009735751		
	Brain_Cerebellar_Hemisphere	0.111956474	0.111956474	Brain_Cerebellum	1.699218911			
	0.300781089	0.300781089	1.58946046	2.585076098	2.087268279			
	0.704006569	2	0	0.865643096				
QPCT	ENSG00000115828.15	0.033902424	0.033902424	2	2	0.017852437		
	Brain_Nucleus_accumbens_basal_ganglia	0.096577932	0.096577932	Brain_Cortex				
	1.263246213	0.736753787	0.736753787	1.661675123	2.368664546			
	2.015169835	0.499917015	2	0	0.866227595			
ARV1	ENSG00000173409.13	0.033928434	0.033928434	5	3	0.051819666		

	Brain_Cerebellar_Hemisphere	0.596867272		Brain_Cerebellum	3.927844772				
	0.031442667	0.252518774	-1.944628838	0.644443091		-0.772302037			
	0.945283544	3	0	0.866227595					
FBF1	ENSG00000188878.19	0.034104634	13	3	0.009806059				
	Brain_Nucleus_accumbens_basal_ganglia	0.61329839		Brain_Spinal_cord_cervical_c-1					
	10.60138035	0.002000073	0.679999731	-0.713273764		2.582594209			
	1.681224504	0.878351284	3	0	0.869140144				
MAP7	ENSG00000135525.18	0.034305586	1	1	0.034305586				
	Brain_Frontal_Cortex_BA9	0.034305586		Brain_Frontal_Cortex_BA9			1	1	
	1	2.116461383	2.116461383	2.116461383	NA	1	0		
	0.870664744								
MTRF1L	ENSG00000112031.15	0.034367576	13	1	0.022613711				
	Brain_Spinal_cord_cervical_c-1	0.052755748							
	Brain_Anterior_cingulate_cortex_BA24	12.57520497		0.000171977					
	12.57520497	1.93691489	2.279898464	2.080175435		0.086934673		1	
	0	0.870664744							
ESR1	ENSG00000091831.22	0.034551234	2	2	0.017252212				
	Brain_Spinal_cord_cervical_c-1	0.862619573		Brain_Caudate_basal_ganglia					
	1.45720379	0.54279621	0.54279621	-2.381288131		-0.173040526		-1.277164328	
	1.561466856	2	0	0.870664744					
LAMTOR3	ENSG00000109270.12	0.034658371	11	1	0.025440474				
	Brain_Substantia_nigra	0.11952978		Brain_Hypothalamus	9.99273475	0.0034709			
	9.99273475	1.556750303	2.234647887	2.016316779		0.199820391		1	
	0	0.870664744							
HSPA12A	ENSG00000165868.13	0.034679543	2	2	0.060547191				
	Brain_Cerebellum	0.484153796		Brain_Cerebellar_Hemisphere	1.469098658				
	0.530901342	0.530901342	-0.699637374	1.876787745		0.588575186			
	1.821807673	2	0	0.870664744					
CCDC18	ENSG00000122483.17	0.034679673	5	2	0.030559309				
	Brain_Spinal_cord_cervical_c-1	0.115938093		Brain_Cerebellum	3.940080535				
	0.007621671	0.972843007	-2.162764346	-1.57205372		-1.79703089			
	0.246106156	2	0	0.870664744					
LARS	ENSG00000133706.17	0.034684413	12	2	0.010863938				
	Brain_Anterior_cingulate_cortex_BA24	0.18801746		Brain_Frontal_Cortex_BA9					
	11.11892716	0.001184122	0.383068751	-2.547045126		-1.316466663			
	-2.263843677	0.353251043	2	0	0.870664744				
GSTM4	ENSG00000168765.16	0.034721205	12	4	0.010256884				
	Brain_Cerebellum			Brain_Cerebellar_Hemisphere	8.811587113	0.019207575			
	0.975853939	Brain_Cerebellar_Hemisphere	8.811587113	0.019207575					
	0.424022553	-0.332998764	2.567046556	0.757628974		0.822134425			
	4	0	0.870664744						
ZNF396	ENSG00000186496.10	0.034724532	3	3	0.008030062				
	Brain_Nucleus_accumbens_basal_ganglia	0.660043339		Brain_Putamen_basal_ganglia					
	1.704523769	0.485785344	0.485785344	-2.650803168		0.439853331			
	-1.07960515	1.545977727	3	0	0.870664744				
SALL2	ENSG00000165821.11	0.034787331	1	1	0.034787331				
	Brain_Cerebellum	1	1	1	-2.110825294				
	0.034787331	Brain_Cerebellum	1	1	-2.110825294				
	-2.110825294	NA	1	0	0.870678982				
CLDN12	ENSG00000157224.15	0.034857494	1	1	0.034857494				
	Brain_Substantia_nigra	0.034857494		Brain_Substantia_nigra			1	1	
	1	2.110010005	2.110010005	2.110010005	NA	1	0		
	0.870877142								
KB-68A7.1	ENSG00000274225.1	0.035067403	3	3	0.016501579				
	Brain_Nucleus_accumbens_basal_ganglia	0.338384856		Brain_Cerebellar_Hemisphere					
	1.590648283	0.442513065	0.442513065	-1.330179789		2.397628784			
	0.036695853	2.053107793	3	0	0.871659844				
CPPED1	ENSG00000103381.11	0.035072755	1	1	0.035072755				
	Brain_Cortex	0.035072755		Brain_Cortex	1	1	1	2.107517396	
	2.107517396	2.107517396	NA	1	0	0.871659844			
ITGA3	ENSG00000005884.17	0.035075727	5	4	0.065650435				
	Brain_Anterior_cingulate_cortex_BA24	0.784082327		Brain_Putamen_basal_ganglia					
	3.312678245	0.099536622	0.396652413	-1.840802987		0.830159281			
	-0.528447241	1.074212216	4	0	0.871659844				

CMAS	ENSG00000111726.12	0.035229309	1	1	0.035229309				
	Brain_Spinal_cord_cervical_c-1	0.035229309			Brain_Spinal_cord_cervical_c-1				
	1 1 1	2.105712776	2.105712776	2.105712776	NA	1	0		
	0.872247017								
CYC1	ENSG00000179091.4	0.035249653	2	2	0.18459666				
	Brain_Cerebellar_Hemisphere	0.2452324	Brain_Frontal_Cortex_BA9	1.536512354					
	0.463487646	0.463487646	-1.162007545	1.32673409	0.082363273				
	1.759806087	2	0	0.872247017					
DYNLL2	ENSG00000264364.2	0.03541551	8	7	0.03036976				
	Brain_Cerebellar_Hemisphere	0.90889741	Brain_Nucleus_accumbens_basal_ganglia						
	4.069280114	0.030145768	0.210676837	-1.51153059	2.165234128				
	0.026939132	1.110262671	7	0	0.872247017				
LINC01123	ENSG00000204588.5	0.03564733	6	4	0.002458902	Brain_Cortex			
	0.607279111	Brain_Hypothalamus	4.110856137	0.078603177					
	0.210283474	-3.028353583	0.51396121	-2.13893229	1.316690092		4		
	0	0.872247017							
NUMB	ENSG00000133961.19	0.035680396	3	3	0.021110186				
	Brain_Hypothalamus	0.192923578	Brain_Spinal_cord_cervical_c-1						
	1.235141256	0.695290219	0.695290219	1.301978962	2.306007994				
	1.778954194	0.503884384	3	0	0.872247017				
DLG5	ENSG00000151208.16	0.035703437	8	4	0.016704256				
	Brain_Hippocampus	0.523847055	Brain_Putamen_basal_ganglia	6.034365342					
	0.00803967	0.238727608	-2.393153387	1.687684964	-0.93511195				
	1.20839403	4	0	0.872247017					
UBE2E2	ENSG00000182247.9	0.035746524	2	2	0.009868301				
	Brain_Anterior_cingulate_cortex_BA24	0.98694506	Brain_Substantia_nigra						
	1.031105484	0.968894516	0.968894516	-2.580410242	-0.016362671				
	-1.298386456	1.813055425	2	0	0.872247017				
ACAA2	ENSG00000167315.17	0.035749453	4	4	0.022116315				
	Brain_Anterior_cingulate_cortex_BA24	0.620167459	Brain_Cerebellar_Hemisphere						
	1.784114628	0.254218293	0.254218293	-2.021041719	2.288364291				
	-0.259008764	1.82125984	4	0	0.872247017				
DYRK1A	ENSG00000157540.19	0.035781328	1	1	0.035781328				
	Brain_Cerebellum	0.035781328	Brain_Cerebellum	1	1	1	-2.099403704		
	-2.099403704	-2.099403704	NA	1	0	0.872247017			
LYG1	ENSG00000144214.9	0.035785698	4	2	0.038325437				
	Brain_Cerebellar_Hemisphere	0.452339451	Brain_Hippocampus	3.073234382					
	0.038342621	0.810498819	-0.751520529	2.071357103	1.250037677				
	1.340995234	2	0	0.872247017					
CCDC82	ENSG00000149231.11	0.035855881	13	1	0.029952659				
	Brain_Anterior_cingulate_cortex_BA24	0.059243116							
	Brain_Nucleus_accumbens_basal_ganglia	12.82672451	2.86E-06	12.82672451					
	-2.170715844	-1.886384826	-2.084272778	0.075439856	1	0			
	0.872247017								
ADCYAP1	ENSG00000141433.12	0.035891087	2	2	0.012268472				
	Brain_Cerebellar_Hemisphere	0.602964073	Brain_Cerebellum	1.430689079					
	0.569310921	0.569310921	0.520142765	2.50432663	1.512234698				
	1.403029866	2	0	0.872247017					
SLC25A34	ENSG00000162461.7	0.035956834	13	2	0.016108491				
	Brain_Hippocampus	0.885599659	Brain_Nucleus_accumbens_basal_ganglia						
	11.75116111	1.11E-16	0.466489699	-2.406448135	-0.143874389				
	-0.909313316	0.51437312	2	0	0.872247017				
EML5	ENSG00000165521.15	0.035972163	1	1	0.035972163	Brain_Cortex			
	0.035972163	Brain_Cortex	1	1	1	2.09724195	2.09724195	2.09724195	
	NA	1	0	0.872247017					
DMTN	ENSG00000158856.17	0.03609814	9	8	0.002109683	Brain_Amygdala			
	0.822910205	Brain_Cerebellar_Hemisphere	3.220587392	0.0066622					
	0.442786249	-0.223803502	3.07434071	1.422364724	1.07127223	8	0		
	0.873227322								
LINC00926	ENSG00000247982.6	0.036155713	9	9	0.01054573				
	Brain_Caudate_basal_ganglia	0.915546505	Brain_Cerebellar_Hemisphere						
	2.834304655	0.157035314	0.157035314	-1.158993884	2.557401881				

	0.445951566	1.147377778	9	0	0.873227322		
MYPOP	ENSG00000176182.5	0.036253608	1	1	0.036253608	Brain_Cortex	
	0.036253608	Brain_Cortex	1	1	-2.094071542	-2.094071542	
	-2.094071542	NA	1	0	0.873227322		
ZNF501	ENSG00000186446.11	0.036350843	11	9	0.04705919		
	Brain_Caudate_basal_ganglia	0.935616915			Brain_Frontal_Cortex_BA9		
	4.542354563	0.057480992	0.243410078		-1.321111181	1.985767105	
	0.248471038	0.899560673	9	0	0.873227322		
NPIPB2	ENSG00000234719.8	0.036359322	13	1	0.027491942		
	Brain_Anterior_cingulate_cortex_BA24	0.062488775			Brain_Caudate_basal_ganglia		
	12.76723101	4.41E-05	12.76723101		1.862811619	2.204460962	
	2.073512428	0.107936262	1	0	0.873227322		
ACOT1	ENSG00000184227.7	0.036414162	13	9	0.000999587		
	Brain_Hypothalamus	0.940107466			Brain_Caudate_basal_ganglia	7.055504149	
	0.009730962	0.284161742	-0.345520357		3.290643075	0.874603606	
	0.936467197	9	0	0.873227322			
NAPG	ENSG00000134265.12	0.036459886	10	4	0.024780061		
	Brain_Hippocampus	0.698803083			Brain_Hypothalamus	7.805567576	
	0.00149957	0.310060818	-0.506665583		2.244814227	1.389201757	
	0.892507278	4	0	0.873227322			
SELENBP1	ENSG00000143416.20	0.036521801	10	7	0.017818106		
	Brain_Spinal_cord_cervical_c-1	0.910818289			Brain_Cerebellum	5.731157911	
	9.62E-18	0.32301278	-0.760420888		2.369376479	1.191835255	
	1.120085477	7	0	0.873227322			
ARL2BP	ENSG00000102931.7	0.036751019	1	1	0.036751019		
	Brain_Cortex	0.036751019			Brain_Cortex	1	1
	-2.088519273	-2.088519273	NA	1	0	0.873227322	-2.088519273
GOLT1B	ENSG00000111711.9	0.036859838	3	3	0.006480823		
	Brain_Frontal_Cortex_BA9	0.38168676			Brain_Cortex	1.502177896	
	0.510801325	0.510801325	-2.722407209		-0.874792608	-1.565170939	
	1.008408241	3	0	0.873227322			
CLEC18A	ENSG00000157322.17	0.036967866	13	1	0.010245282		
	Brain_Substantia_nigra	0.298924136			Brain_Anterior_cingulate_cortex_BA24		
	12.48017608	0.000444569	12.48017608		-2.567438965	-1.038743303	
	-2.041904227	0.393226244	1	0	0.873227322		
RILP	ENSG00000167705.11	0.037009929	2	2	0.041286236		
	Brain_Cerebellar_Hemisphere	0.185636608			Brain_Cerebellum	1.110438175	
	0.889561825	0.889561825	-1.323597944		2.040643894	0.358522975	
	2.378878217	2	0	0.873227322			
LONRF2	ENSG00000170500.12	0.037030765	3	3	0.070833692		
	Brain_Cortex	0.177400816			Brain_Putamen_basal_ganglia	1.142832776	
	0.853347832	0.853347832	-1.517260645		1.80654218	-0.353173235	
	1.872264043	3	0	0.873227322			
CCDC154	ENSG00000197599.12	0.037080592	12	1	0.023211006		
	Brain_Cerebellar_Hemisphere	0.090402654			Brain_Hypothalamus	10.99447599	
	0.001925917	10.99447599	-2.269943595		-1.693277523	-1.996519273	
	0.169833273	1	0	0.873227322			
TRMT61A	ENSG00000166166.12	0.037342798	5	5	0.006697957		
	Brain_Putamen_basal_ganglia	0.584969069			Brain_Substantia_nigra		
	2.179977551	0.231783855	0.231783855		-2.711499879	1.250160767	
	-1.14410935	1.600602285	5	0	0.873227322		
UBXN6	ENSG00000167671.11	0.037367808	12	4	0.023474876		
	Brain_Caudate_basal_ganglia	0.98211802			Brain_Hypothalamus	8.832949312	
	0.005225791	0.399065684	-0.373389574		2.265616464	0.656256501	
	0.904416317	4	0	0.873227322			
AC008991.1	ENSG00000267683.1	0.037373778	2	2	0.019020844		
	Brain_Spinal_cord_cervical_c-1	0.236854903			Brain_Hypothalamus		
	1.063383178	0.936616822	0.936616822		1.182884555	2.345122203	
	1.764003379	0.821826122	2	0	0.873227322		
RP5-875H18.9	ENSG00000276851.1	0.037418838	2	2	0.017297387		
	Brain_Cerebellum	0.131887072			Brain_Cortex	1.846059797	0.153940203
	0.153940203	-2.380324733	-1.506701948		-1.94351334	0.617744596	

	2	0	0.873227322						
LINC01266	ENSG00000224957.5	0.037426467	2	2	0.123466199				
	Brain_Cerebellar_Hemisphere	0.559877591			Brain_Cerebellum	1.641675809			
	0.358324191	0.358324191	-1.540386383		0.583023336			-0.478681523	
	1.501477412	2	0	0.873227322					
NEU4	ENSG00000204099.11	0.03747331	4	4	0.0026001				
	Brain_Nucleus_accumbens_basal_ganglia	0.334873086			Brain_Cerebellum				
	1.702924392	0.315947649	0.315947649		0.964344802			3.011442106	
	1.738256618	0.88643951	4	0	0.873227322				
SEL1L3	ENSG00000091490.10	0.037487006	7	6	0.011780974				
	Brain_Putamen_basal_ganglia	0.853068035			Brain_Cerebellar_Hemisphere				
	2.432896877	0.043011847	0.4026476		-2.518637896			1.990224379	
	0.076824755	1.509289133	6	0	0.873227322				
FCN3	ENSG00000142748.12	0.037496661	1	1	0.037496661			Brain_Cortex	
	0.037496661	Brain_Cortex	1	1	1	2.080314875		2.080314875	
	2.080314875	NA	1	0	0.873227322				
SEC16A	ENSG00000148396.18	0.037539891	1	1	0.037539891				
	Brain_Cerebellum	0.037539891	Brain_Cerebellum	1	1	1		-2.079843487	
	-2.079843487	-2.079843487	NA	1	0	0.873227322			
CCDC9	ENSG00000105321.12	0.037585072	2	2	0.010692757			Brain_Cerebellum	
	0.452184912	Brain_Cortex	1.211849619		0.788150381			0.788150381	
	0.751777438	2.552582529	1.652179984		1.273361491			2	0
	0.873227322								
CLUL1	ENSG00000079101.16	0.037641218	11	11	0.020908389				
	Brain_Cerebellar_Hemisphere	0.563308949			Brain_Cerebellum	3.094481489			
	0.269186253	0.269186253	-1.526949804		2.309634657			1.215235531	
	1.02078862	11	0	0.873227322					
CFAP46	ENSG00000171811.13	0.03779472	5	5	0.001733641				
	Brain_Cerebellar_Hemisphere	0.876038172			Brain_Nucleus_accumbens_basal_ganglia				
	2.335988202	0.09943406	0.09943406		-0.602440906			3.132432838	
	1.599462735	1.819834814	5	0	0.873227322				
SGCB	ENSG00000163069.12	0.037846913	3	2	0.045523001			Brain_Cortex	
	0.146163775	Brain_Cerebellum	1.970144187		0.032797131			0.997058682	
	1.453216059	1.999789476	1.774524211		0.285663792			2	0
	0.873227322								
RARG	ENSG00000172819.16	0.037880573	1	1	0.037880573			Brain_Amygdala	
	0.037880573	Brain_Amygdala	1	1	1	-2.076144666		-2.076144666	
	-2.076144666	NA	1	0	0.873227322				
BEND4	ENSG00000188848.15	0.037953661	1	1	0.037953661				
	Brain_Hippocampus	0.037953661	Brain_Hippocampus	1	1	1			
	2.075354832	2.075354832	2.075354832		NA	1	0	0.873227322	
CHDH	ENSG00000016391.10	0.037972178	6	3	0.009512838				
	Brain_Nucleus_accumbens_basal_ganglia	0.5898562	Brain_Cerebellum	4.000920313					
	0.016477735	0.201545254	-2.593052005		0.765261237			-1.118724138	
	1.504721424	3	0	0.873227322					
THRAP3	ENSG00000054118.13	0.037986148	3	3	0.0109665			Brain_Cerebellum	
	0.856653628	Brain_Hypothalamus	1.133337172		0.871951171				
	0.871951171	-1.138357479	2.543764495		0.528680865			1.865571548	
	3	0	0.873227322						
EI24	ENSG00000149547.14	0.038229082	2	2	0.03445059			Brain_Cerebellum	
	0.131974768	Brain_Substantia_nigra	1.034663658		0.965336342				
	0.965336342	1.506360061	2.114757863		1.810558962			0.430202212	
	2	0	0.873227322						
TACC2	ENSG00000138162.18	0.03823219	3	3	0.016237099				
	Brain_Anterior_cingulate_cortex_BA24	0.967492916	Brain_Substantia_nigra						
	1.075123388	0.950686628	0.950686628		-0.040752865			2.403542052	
	1.305250655	1.240832536	3	0	0.873227322				
NELFA	ENSG00000185049.14	0.038303793	2	2	0.014518617				
	Brain_Spinal_cord_cervical_c-1	0.268812277	Brain_Cerebellum	1.15242317					
	0.84757683	0.84757683	1.10580189	2.444169179	1.774985535			0.946368586	
	2	0	0.873227322						
ADAMTSL2	ENSG00000197859.9	0.038312171	4	4	0.004581328				

	Brain_Cerebellar_Hemisphere	0.679852529		Brain_Cortex	1.222391566		
	0.816603563	0.816603563	-2.835086527	0.412664375	-1.101710842		
	1.337611181	4	0	0.873227322			
SEMA6B	ENSG00000167680.15	0.038346574	1	1	0.038346574		
	Brain_Nucleus_accumbens_basal_ganglia	0.038346574					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	2.071130799		
	2.071130799	2.071130799	NA	1	0	0.873227322	
C5AR1	ENSG00000197405.7	0.038645535	2	2	0.012711347	Brain_Cerebellum	
	0.033271999	Brain_Cerebellar_Hemisphere	1.697365818	0.302634182			
	0.302634182	-2.491755614	-2.128785642	-2.310270628	0.256658528		
	2	0	0.873227322				
LCN15	ENSG00000177984.6	0.038745318	9	2	0.021554024	Brain_Cortex	
	0.978513044	Brain_Cerebellum	7.951529645	0.000463944	0.766054065		
	-0.026933161	2.298136448	1.838557501	0.737861724	2	0	
	0.873227322						
AMZ1	ENSG00000174945.13	0.03876327	9	6	0.004976468		
	Brain_Caudate_basal_ganglia	0.708507104		Brain_Putamen_basal_ganglia			
	5.617476651	0.043286508	0.213188971	-2.808553058	0.7573427		
	-0.93008161	1.172660444	6	0	0.873227322		
F5	ENSG00000198734.10	0.038840582	2	2	0.153300204		
	Brain_Frontal_Cortex_BA9	0.565699888		Brain_Cortex	1.933274565		
	0.066725435	0.066725435	0.574395957	1.427971008	1.001183482		
	0.603568706	2	0	0.873227322			
GALR1	ENSG00000166573.5	0.038843988	1	1	0.038843988		
	Brain_Anterior_cingulate_cortex_BA24	0.038843988					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-2.065835782		
	-2.065835782	-2.065835782	NA	1	0	0.873227322	
CNTN6	ENSG00000134115.12	0.038971659	2	2	0.011199322		
	Brain_Cerebellar_Hemisphere	0.088526333		Brain_Cerebellum	1.735010635		
	0.264989365	0.264989365	-2.536417212	-1.70322306	-2.119820136		
	0.589157235	2	0	0.873227322			
IMMT	ENSG00000132305.20	0.039011989	10	6	0.139308473		
	Brain_Spinal_cord_cervical_c-1	0.91591268		Brain_Anterior_cingulate_cortex_BA24			
	7.255024882	0.004789812	0.306785134	-1.10350595	1.478371112		
	-0.398998014	0.801215318	6	0	0.873227322		
GNAO1	ENSG00000087258.14	0.039047081	1	1	0.039047081		
	Brain_Putamen_basal_ganglia	0.039047081		Brain_Putamen_basal_ganglia	1	1	
	1	2.063690388	2.063690388	2.063690388	NA	1	0
	0.873227322						
CRY2	ENSG00000121671.11	0.039216157	2	2	0.010991851		
	Brain_Cerebellar_Hemisphere	0.974823829		Brain_Hypothalamus	1.053028021		
	0.946971979	0.946971979	-2.542957765	0.031558889	-1.255699438		
	1.820458184	2	0	0.873227322			
TTI2	ENSG00000129696.12	0.039229517	1	1	0.039229517		
	Brain_Cerebellar_Hemisphere	0.039229517		Brain_Cerebellar_Hemisphere	1	1	
	1	2.061771277	2.061771277	2.061771277	NA	1	0
	0.873227322						
CTB-129P6.11	ENSG00000267114.1	0.039241215	1	1	0.039241215		
	Brain_Substantia_nigra	0.039241215		Brain_Substantia_nigra	1	1	
	1	2.061648479	2.061648479	2.061648479	NA	1	0
	0.873227322						
SERPINB1	ENSG00000021355.12	0.039244285	2	2	0.08618573		
	Brain_Cerebellar_Hemisphere	0.200000464		Brain_Cerebellum	1.298440837		
	0.701559163	0.701559163	-1.715870595	1.281550244	-0.217160176		
	2.119496601	2	0	0.873227322			
HAR1B	ENSG00000231133.6	0.039271042	11	11	0.046838628	Brain_Cortex	
	0.965332711	Brain_Anterior_cingulate_cortex_BA24	2.686570287				
	0.252381396	0.252381396	-1.98775649	1.609446884	-0.347292532		
	1.235660954	11	0	0.873227322			
C17orf97	ENSG00000187624.8	0.039316698	11	8	0.015657959		
	Brain_Nucleus_accumbens_basal_ganglia	0.693505721		Brain_Putamen_basal_ganglia			
	4.617472564	0.000404722	0.276962078	-2.416792053	2.265717587		

0.535366686	1.403556297	8	0	0.873227322					
ELAVL2	ENSG00000107105.14	0.039435561	2	2	0.023712288				
	Brain_Putamen_basal_ganglia	0.316461855			Brain_Cortex	1.069672553			
0.930327447	0.930327447	-2.261759144			-1.001755168				-1.631757156
0.890957356	2	0	0.873227322						
AC007204.2	ENSG00000267268.1	0.039587926	7	4	0.110021648				
	Brain_Hippocampus	0.970013117			Brain_Caudate_basal_ganglia	5.321061604			
0.025010202	0.226090063	-0.70206103			1.598095844				0.080515953
0.739203572	4	0	0.873227322						
CISD3	ENSG00000277972.1	0.039635938	5	5	0.027215534				Brain_Cortex
	Brain_Frontal_Cortex_BA9	1.641554519			0.662589256				
0.662589256	-1.787626335	2.208412462			0.035126623				1.558890626
5	0	0.873227322							
RECQL4	ENSG00000160957.12	0.039692998	6	6	0.024231331				
	Brain_Nucleus_accumbens_basal_ganglia	0.927955773			Brain_Cerebellar_Hemisphere				
1.876269891	0.236642978	0.236642978			-1.78551689				2.253441411
0.153776003	1.393096895	6	0	0.873227322					
SERPINA1	ENSG00000197249.13	0.039715134	1	1	0.039715134				
	Brain_Frontal_Cortex_BA9	0.039715134			Brain_Frontal_Cortex_BA9	1	1		
1	2.056699561	2.056699561	2.056699561	NA	1	0			
0.873227322									
RNF125	ENSG00000101695.8	0.039784396	1	1	0.039784396				
	Brain_Anterior_cingulate_cortex_BA24	0.039784396							
Brain_Anterior_cingulate_cortex_BA24	1	1	1		-2.0559805				-2.0559805
-2.0559805	NA	1	0	0.873227322					
RAB5A	ENSG00000144566.10	0.040050043	1	1	0.040050043				
	Brain_Caudate_basal_ganglia	0.040050043			Brain_Caudate_basal_ganglia	1	1		
1	-2.053232409	-2.053232409	-2.053232409	NA	1	0			
0.873227322									
CTD-2541J13.1	ENSG00000260578.1	0.040069207	1	1	0.040069207				
	Brain_Cerebellar_Hemisphere	0.040069207			Brain_Cerebellar_Hemisphere	1	1		
1	2.053034752	2.053034752	2.053034752	NA	1	0			
0.873227322									
PNPLA6	ENSG00000032444.15	0.040108103	4	4	0.016157133				
	Brain_Cerebellum	0.913672638			Brain_Caudate_basal_ganglia	1.927034906			
0.256869338	0.256869338	-2.405346619			0.508444227				-0.395600653
1.350609078	4	0	0.873227322						
SPIRE2	ENSG00000204991.10	0.040189466	12	10	0.003966479				
	Brain_Hippocampus	0.95280647			Brain_Substantia_nigra	4.380829909			
0.020306809	0.227698266	-2.307558298			2.880815378				0.62412618
1.548157058	10	0	0.873227322						
ITGAV	ENSG00000138448.11	0.040322056	9	7	0.019007693				Brain_Cerebellum
	Brain_Spinal_cord_cervical_c-1	3.838836545			0.04602563				
0.967251983	-1.234681959	2.34538007	0.47680248	1.352092391					7
0.155610543									0
0.873227322									
CCER2	ENSG00000262484.1	0.040343879	1	1	0.040343879				
	Brain_Nucleus_accumbens_basal_ganglia	0.040343879							
Brain_Nucleus_accumbens_basal_ganglia	1	1	1		-2.050210651				
-2.050210651	-2.050210651	NA	1	0	0.873227322				
DHRS4L2	ENSG00000187630.15	0.040413375	13	4	0.026487748				
	Brain_Substantia_nigra	0.958766128			Brain_Cerebellum	10.09232596			
0.003399687	0.391176832	-0.355201428			2.218984955				1.117104028
0.688129386	4	0	0.873227322						
KIF1BP	ENSG00000198954.7	0.040417602	4	4	0.225274301				
	Brain_Hypothalamus	0.587238244			Brain_Anterior_cingulate_cortex_BA24				
3.325396277	0.169788063	0.169788063			-1.212622191				0.542842507
-0.55085311	0.760754492	4	0	0.873227322					
BMP3	ENSG00000152785.6	0.04042792	2	2	0.255906598				Brain_Cerebellum
	Brain_Cerebellar_Hemisphere	1.674518097			0.325481903				
0.365420516	-1.136119398	0.905084702			-0.115517348				1.443349261
0.325481903									
2	0	0.873227322							
MITF	ENSG00000187098.14	0.04044626	2	2	0.011431417				Brain_Cortex

	0.84655879	Brain_Substantia_nigra	1.02263835	0.97736165	0.97736165		
	0.193511003	2.529226695	1.361368849	1.651600405	2	0	
	0.873227322						
PDZD2	ENSG00000133401.15	0.040511419	1	1	0.040511419	Brain_Cortex	
	0.040511419	Brain_Cortex	1	1	1	-2.048496046	-2.048496046
	-2.048496046	NA	1	0	0.873227322		
SLA2	ENSG00000101082.13	0.040513487	1	1	0.040513487		
	Brain_Cerebellar_Hemisphere	0.040513487			Brain_Cerebellar_Hemisphere	1	1
	1	-2.048474917	-2.048474917	-2.048474917	NA	1	0
	0.873227322						
TBC1D10B	ENSG00000169221.13	0.04052812	1	1	0.04052812	Brain_Cortex	
	0.04052812	Brain_Cortex	1	1	1	2.048325455	2.048325455
	2.048325455	NA	1	0	0.873227322		
BHLHE41	ENSG00000123095.5	0.040619155	1	1	0.040619155		
	Brain_Nucleus_accumbens_basal_ganglia	0.040619155					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-2.047396646		
	-2.047396646	-2.047396646	NA	1	0	0.873227322	
RSPO4	ENSG00000101282.8	0.040660611	6	6	0.009854383		
	Brain_Frontal_Cortex_BA9	0.606669194			Brain_Cerebellar_Hemisphere		
	2.917199226	0.112081175	0.112081175	0.514833757	2.580897511		
	1.490345757	0.69816305	6	0	0.873227322		
IL34	ENSG00000157368.10	0.040687597	3	2	0.055864036		
	Brain_Putamen_basal_ganglia	0.888741149			Brain_Frontal_Cortex_BA9		
	2.551723509	0.058462256	0.389814235	0.139897281	1.9120948		
	1.296663593	1.002473832	2	0	0.873227322		
ADH1C	ENSG00000248144.5	0.040708032	3	3	0.009355063		
	Brain_Caudate_basal_ganglia	0.685458801			Brain_Putamen_basal_ganglia		
	1.380802053	0.702692016	0.702692016	-2.598798643	1.500007712		
	-0.501272128	2.051097499	3	0	0.873227322		
CLCN7	ENSG00000103249.17	0.040724618	6	2	0.016662589		
	Brain_Hippocampus	0.059711568			Brain_Cerebellar_Hemisphere	4.408355168	
	0.025518515	1.283048814	1.882917362	2.394069547	2.090716431		
	0.234571073	2	0	0.873227322			
TCF25	ENSG00000141002.19	0.04074736	1	1	0.04074736	Brain_Substantia_nigra	
	0.04074736	Brain_Substantia_nigra	1	1	1	-2.04609159	
	-2.04609159	-2.04609159	NA	1	0	0.873227322	
DTWD1	ENSG00000104047.14	0.040757675	3	3	0.005529858		
	Brain_Nucleus_accumbens_basal_ganglia	0.669430258			Brain_Frontal_Cortex_BA9		
	1.137466383	0.893536242	0.893536242	-2.774429745	-0.426930077		
	-1.387911012	1.230244076	3	0	0.873227322		
C1RL	ENSG00000139178.10	0.040878061	4	4	0.060736279		
	Brain_Caudate_basal_ganglia	0.173510543			Brain_Frontal_Cortex_BA9		
	1.305273689	0.729857332	0.729857332	-1.875410445	1.72743479		
	-0.84247915	1.729886611	4	0	0.873227322		
ARNT2	ENSG00000172379.20	0.041026753	3	3	0.009981985		
	Brain_Substantia_nigra	0.689381146			Brain_Cortex	2.034555151	
	0.209668061	0.209668061	-2.576452733	0.487361997	-0.829595258		
	1.576499548	3	0	0.873227322			
TXLNB	ENSG00000164440.14	0.041062186	4	4	0.002997131		
	Brain_Substantia_nigra	0.360401295			Brain_Anterior_cingulate_cortex_BA24		
	2.486797642	0.231927241	0.231927241	-0.914600693	2.968032003		
	1.565930048	1.706805021	4	0	0.873227322		
NDUFAF7	ENSG00000003509.15	0.041117376	4	4	0.010429098		
	Brain_Putamen_basal_ganglia	0.100227907			Brain_Cerebellum	2.998001032	
	0.134274627	0.134274627	-2.561267629	-1.643749741	-2.156263624		
	0.472357424	4	0	0.873227322			
PHC2	ENSG00000134686.18	0.041128827	1	1	0.041128827		
	Brain_Spinal_cord_cervical_c-1	0.041128827			Brain_Spinal_cord_cervical_c-1		
	1	1	1	2.042228937	2.042228937	2.042228937	NA
	0.873227322						1
AP006621.5	ENSG00000255284.1	0.041130499	13	3	0.004108009		
	Brain_Cerebellar_Hemisphere	0.226956168			Brain_Substantia_nigra		

	11.14432246	0.000538683	0.572899251	1.208236859	2.869746611
	2.105572368	0.571132514	3 0	0.873227322	
LINC00607	ENSG00000235770.5	0.041221748	2 2	0.013038298	
	Brain_Hypothalamus	0.606878145	Brain_Caudate_basal_ganglia	1.021102037	
	0.978897963	0.978897963	-2.482721506	-0.514534787	-1.498628147
	1.391718176	2 0	0.873838606		
RLF	ENSG00000117000.8	0.041349835	1 1	0.041349835	Brain_Cortex
	0.041349835	Brain_Cortex	1 1 1	-2.040004931	-2.040004931
	-2.040004931	NA 1 0	0.874894752		
BLOC1S3	ENSG00000189114.6	0.041396635	4 4	0.007257796	
	Brain_Cortex	0.388479451	Brain_Cerebellum	2.706586441	0.271709276
	0.271709276	-2.684778184	-0.862378167	-1.75537715	0.752476548
	4 0	0.874894752			
ATP5E	ENSG00000124172.9	0.04149949	1 1	0.04149949	Brain_Frontal_Cortex_BA9
	0.04149949	Brain_Frontal_Cortex_BA9	1 1 1	-2.038504651	
	-2.038504651	-2.038504651 NA 1 0	0.875166114		
TYK2	ENSG00000105397.13	0.041534579	3 3	0.182747853	Brain_Cortex
	0.471426358	Brain_Cerebellum	1.916733738	0.335228843	0.335228843
	-0.720160212	1.332341934	0.606849719	1.150894841	3 0
	0.875166114				
N4BP3	ENSG00000145911.5	0.041666225	3 3	0.030238548	
	Brain_Cerebellar_Hemisphere	0.107452936	Brain_Spinal_cord_cervical_c-1		
	1.882462605	0.152345997	0.152345997	-2.16695156	1.609747749
	-0.82343948	2.111020693	3 0	0.876028842	
SSTR1	ENSG00000139874.5	0.041700751	1 1	0.041700751	Brain_Cortex
	0.041700751	Brain_Cortex	1 1 1	2.036494238	2.036494238
	2.036494238	NA 1 0	0.876028842		
NTRK1	ENSG00000198400.11	0.04186069	2 2	0.022258868	Brain_Cerebellum
	0.721508607	Brain_Cortex	1.287729861	0.712270139	0.712270139
	-0.3564433	2.285921208	0.964738954	1.868433862	2 0
	0.877113826				
STK33	ENSG00000130413.15	0.041974819	7 5	0.031015599	
	Brain_Frontal_Cortex_BA9	0.833605371	Brain_Cerebellum	4.502909389	
	0.054573556	0.222636807	-2.156872511	0.210079826	-1.30996547
	0.906712301	5 0	0.877113826		
RNASEL	ENSG00000135828.11	0.041991329	10 6	0.003265788	
	Brain_Spinal_cord_cervical_c-1	0.421146069	Brain_Hippocampus	6.42822677	
	0.001545948	0.311866153	-2.941545517	-0.804434525	-1.902373217
	0.588492959	6 0	0.877113826		
NEDD4	ENSG00000069869.15	0.042230891	3 3	0.038097367	
	Brain_Anterior_cingulate_cortex_BA24	0.197635208			
	Brain_Spinal_cord_cervical_c-1	1.192800076	0.883612799	0.883612799	
	-1.411116798	2.073805622	0.650335686	1.827959892	3 0
	0.877113826				
KB-1507C5.4	ENSG00000254281.1	0.042261223	2 2	0.015682837	
	Brain_Hypothalamus	0.184195703	Brain_Caudate_basal_ganglia	1.270804966	
	0.729195034	0.729195034	-2.4162141	-1.327946737	-1.872080418
	0.769521232	2 0	0.877113826		
LYSMD1	ENSG00000163155.11	0.042437842	3 3	0.164244587	
	Brain_Cortex	0.936722503	Brain_Nucleus_accumbens_basal_ganglia		
	2.663457894	0.124052161	0.124052161	-0.079389899	1.390936819
	0.68431642	0.736823769	3 0	0.877113826	
RP11-426C22.5	ENSG00000260517.2	0.042461125	2 2	0.016358242	
	Brain_Spinal_cord_cervical_c-1	0.554641782	Brain_Cerebellar_Hemisphere		
	1.063415813	0.936584187	0.936584187	-2.400823104	0.590818882
	-0.905002111	2.115410335	2 0	0.877113826	
SF3B3	ENSG00000189091.12	0.042517042	5 5	0.005525021	
	Brain_Frontal_Cortex_BA9	0.674985084	Brain_Cerebellar_Hemisphere		
	2.284361618	0.135960945	0.135960945	-0.419316165	2.774714348
	1.06222738	1.177620719	5 0	0.877113826	
FRA10AC1	ENSG00000148690.11	0.0425489	13 2	0.035729542	
	Brain_Substantia_nigra	0.72509275	Brain_Amygdala	11.95185166	

	0.001620066	0.43453841	-2.099992038		-0.351660682		-0.659952422	
	0.455445028	2	0	0.877113826				
FADS3	ENSG00000221968.8	0.042569833	2	2	0.012022955		Brain_Cerebellum	
	0.040320606	Brain_Cerebellar_Hemisphere	1.833116083		0.166883917			
	0.166883917	2.050449308	2.511469875		2.280959591		0.325990769	
	2	0	0.877113826					
RBM24	ENSG00000112183.14	0.042605749	1	1	0.042605749			
	Brain_Frontal_Cortex_BA9	0.042605749			Brain_Frontal_Cortex_BA9	1	1	
	1	2.027554383	2.027554383	2.027554383	NA	1	0	
	0.877113826							
ETFDH	ENSG00000171503.11	0.042625272	13	3	0.014883662			
	Brain_Nucleus_accumbens_basal_ganglia	0.758318384			Brain_Substantia_nigra			
	10.609172	0.002416122	0.438654215		0.307689797		2.435197531	
	1.520522482	0.54271008	3	0	0.877113826			
CXCL1	ENSG00000163739.4	0.042629877	1	1	0.042629877		Brain_Cortex	
	0.042629877	Brain_Cortex	1	1	1	2.027318241	2.027318241	
	2.027318241	NA	1	0	0.877113826			
ZBTB1	ENSG00000126804.13	0.042662949	2	2	0.012013723			
	Brain_Frontal_Cortex_BA9	0.944354667			Brain_Cerebellum	1.026804295		
	0.973195705	0.973195705	-2.511740984		0.069797714		-1.220971635	
	1.825423519	2	0	0.877113826				
PAIP1	ENSG00000172239.13	0.042760492	2	2	0.016892318			
	Brain_Cerebellar_Hemisphere	0.465912705			Brain_Frontal_Cortex_BA9	1.01809374		
	0.98190626	0.98190626	-2.389043163	0.729145434	-0.829948864			
	2.204892302	2	0	0.877113826				
RP11-805F19.1	ENSG00000264880.1	0.042818506	5	4	0.023249098			
	Brain_Amygdala	0.065529383			Brain_Hippocampus	3.542401528	0.06669702	
	0.172967369	-2.269316296	2.161011457		-1.179672826		1.874562724	
	4	0	0.877113826					
GPALPP1	ENSG00000133114.17	0.042822108	3	3	0.00533564		Brain_Cortex	
	0.312223144	Brain_Cerebellar_Hemisphere	2.242961271		0.155480658			
	0.155480658	1.010568197	2.786039336		2.034054632		0.918345977	
	3	0	0.877113826					
SLC19A2	ENSG00000117479.12	0.042880842	1	1	0.042880842			
	Brain_Anterior_cingulate_cortex_BA24	0.042880842						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	2.024868764			
	2.024868764	2.024868764	NA	1	0	0.877113826		
SMN1	ENSG00000172062.16	0.043042083	1	1	0.043042083		Brain_Cortex	
	0.043042083	Brain_Cortex	1	1	1	2.023301392	2.023301392	
	2.023301392	NA	1	0	0.8791267			
DCAF4L1	ENSG00000182308.6	0.043141688	4	4	0.01297989			
	Brain_Anterior_cingulate_cortex_BA24	0.437261655			Brain_Cerebellum			
	1.953156322	0.33465302	0.33465302	-2.48432059	1.591552253			
	0.365886898	1.938009472	4	0	0.879876616			
MYB	ENSG00000118513.18	0.043312943	1	1	0.043312943		Brain_Cortex	
	0.043312943	Brain_Cortex	1	1	1	2.020679604	2.020679604	
	2.020679604	NA	1	0	0.88018129			
FAM135B	ENSG00000147724.11	0.043313002	1	1	0.043313002			
	Brain_Spinal_cord_cervical_c-1	0.043313002			Brain_Spinal_cord_cervical_c-1			
	1	1	1	-2.020679028	-2.020679028	-2.020679028	NA	1
	0.88018129							0
SMYD1	ENSG00000115593.14	0.043363359	1	1	0.043363359			
	Brain_Hippocampus	0.043363359			Brain_Hippocampus	1	1	1
	-2.020193129	-2.020193129	-2.020193129	NA	1	0	0.88018129	
TMEM8A	ENSG00000129925.10	0.043430826	7	5	0.010816189			
	Brain_Putamen_basal_ganglia	0.615317439			Brain_Anterior_cingulate_cortex_BA24			
	4.750585299	0.000831779	0.16844866	-2.548581898	2.46237467			
	-0.404003038	2.042107348	5	0	0.88018129			
RGS5	ENSG00000143248.12	0.043471179	1	1	0.043471179			
	Brain_Hippocampus	0.043471179			Brain_Hippocampus	1	1	1
	2.019154349	2.019154349	2.019154349	NA	1	0	0.88018129	
RPL21	ENSG00000122026.10	0.043553182	2	2	0.061609275			

	Brain_Putamen_basal_ganglia	0.093105808			Brain_Frontal_Cortex_BA9			
	1.007352906	0.992647094	0.992647094		-1.679237286		1.869097323	
	0.094930018	2.509051464	2	0	0.880567306			
CHMP4B	ENSG00000101421.3	0.04388756	3	3	0.031949433			
	Brain_Substantia_nigra	0.762245568			Brain_Hypothalamus		2.109182879	
	0.265371843	0.265371843	-2.1450427	0.739083409			-0.569497524	
	1.460478786	3	0	0.884436129				
DAB1	ENSG00000173406.15	0.043943646	2	2	0.012432876		Brain_Cerebellum	
	0.052647488	Brain_Cerebellar_Hemisphere	1.764850135		0.235149865			
	0.235149865	-2.499613806	-1.937801147		-2.218707477		0.397261541	
	2	0	0.884436129					
CPSF4L	ENSG00000187959.9	0.044020132	3	3	0.018166781			
	Brain_Cerebellum	0.567287701			Brain_Substantia_nigra		1.191869326	
	0.836328364	0.836328364	-0.572050591		2.362201163		1.045537223	
	1.490092186	3	0	0.884436129				
COQ8B	ENSG00000123815.11	0.04404138	2	1	0.015338223		Brain_Cerebellum	
	0.116199473	Brain_Cerebellar_Hemisphere	1.968173554		0.031826446			
	1.968173554	-2.424293049	-1.570927574		-1.997610311		0.603420514	
	1	0	0.884436129					
CXCL16	ENSG00000161921.14	0.044060609	4	3	0.14947838			
	Brain_Frontal_Cortex_BA9	0.832229225			Brain_Putamen_basal_ganglia		3.36421308	
	0.060807726	0.211742697	-0.211843379		1.441376377		0.710309682	
	0.734012009	3	0	0.884436129				
ZMYND11	ENSG00000015171.19	0.044137596	1	1	0.044137596			
	Brain_Hippocampus	0.044137596			Brain_Hippocampus		1	1
	-2.012781735	-2.012781735	-2.012781735	NA	1	0	0.884712192	
AHNAK2	ENSG00000185567.6	0.044217954	2	2	0.01412112		Brain_Cerebellum	
	0.721449872	Brain_Cerebellar_Hemisphere	1.04318512		0.95681488		0.95681488	
	-0.356521743	2.454167463	1.04882286		1.987457398		2	0
	0.885054933							
CNMD	ENSG00000136110.12	0.044297122	5	5	0.043181558			
	Brain_Nucleus_accumbens_basal_ganglia	0.625994159			Brain_Frontal_Cortex_BA9			
	2.027176599	0.337032846	0.337032846		-2.021949611		1.952430706	
	0.634153311	1.595533353	5	0	0.885332493			
GPR142	ENSG00000257008.6	0.044358379	2	2	0.028862199			
	Brain_Cerebellar_Hemisphere	0.661976667			Brain_Cerebellum		1.322444248	
	0.677555752	0.677555752	-0.437185717		2.185363577		0.87408893	
	1.85442239	2	0	0.885332493				
STX4	ENSG00000103496.14	0.044528449	7	4	0.001329978			
	Brain_Nucleus_accumbens_basal_ganglia	0.455279959			Brain_Cerebellar_Hemisphere			
	5.033270699	0.00133462	0.237874378		-3.209431256		2.774101387	
	-1.5130044	2.342278066	4	0	0.885347965			
FFAR4	ENSG00000186188.10	0.044623103	4	4	0.005158807		Brain_Cortex	
	0.733040606	Brain_Caudate_basal_ganglia	1.894112213		0.14052278		0.14052278	
	-0.678447664	2.79694653	0.698150217		1.579080555		4	0
	0.885347965							
STK19	ENSG00000204344.14	0.044736439	6	6	0.004500964		Brain_Cerebellum	
	0.644132223	Brain_Cerebellar_Hemisphere	2.609797698		0.366273941			
	0.366273941	-2.840735432	0.667479138		-1.308871527		1.231937589	
	6	0	0.885347965					
APOD	ENSG00000189058.8	0.04475277	1	1	0.04475277		Brain_Putamen_basal_ganglia	
	0.04475277	Brain_Putamen_basal_ganglia	1	1	1		-2.006970821	
	-2.006970821	-2.006970821	NA	1	0		0.885347965	
LINC00675	ENSG00000263429.3	0.044771847	1	1	0.044771847			
	Brain_Amygdala	0.044771847			Brain_Amygdala		1	1
	-2.006791701	-2.006791701	NA	1	0		0.885347965	
TRAP1	ENSG00000126602.10	0.044872454	7	6	0.035352237			
	Brain_Substantia_nigra	0.98039661			Brain_Cerebellum		1.970299194	
	0.054250501	0.365862937	-2.104300562		2.073314667		-0.060405031	
	1.37518706	6	0	0.885347965				
MT1G	ENSG00000125144.13	0.044877712	3	3	0.024824207		Brain_Amygdala	
	0.369034228	Brain_Cerebellar_Hemisphere	1.372614994		0.629047631			

	0.629047631	-0.898283873	2.24412737	0.874520261	1.609538128	3
	0	0.885347965				
EIF2B5	ENSG00000145191.12	0.044971213	2	2	0.019481659	
	Brain_Hypothalamus	0.652201086	Brain_Frontal_Cortex_BA9	1.510720377		
	0.489279623	0.489279623	-2.336183909	-0.450706516	-1.393445212	
	1.333233851	2	0	0.885347965		
KB-1980E6.3	ENSG00000253633.1	0.045168734	2	2	0.022740458	
	Brain_Nucleus_accumbens_basal_ganglia	0.172572954	Brain_Cortex			
	1.838693265	0.161306735	0.161306735	1.363982879	2.277767091	
	1.820874985	0.646143013	2	0	0.885347965	
PPIL6	ENSG00000185250.15	0.045211545	8	6	0.09202039	Brain_Hippocampus
	0.641313797	Brain_Amygdala	5.298110464	0.086271763	0.209157191	
	-1.502486987	1.684835105	-0.734175567	1.024451115	6	0
	0.885347965					
ANXA8L1	ENSG00000264230.7	0.045255988	3	3	0.02180999	
	Brain_Anterior_cingulate_cortex_BA24	0.174680739	Brain_Frontal_Cortex_BA9			
	1.491330343	0.516583968	0.516583968	-2.293660804	1.764127382	
	-0.628949899	2.124688077	3	0	0.885347965	
NSUN5	ENSG00000130305.16	0.045265594	2	2	0.057524574	Brain_Cerebellum
	0.178995016	Brain_Cerebellar_Hemisphere	1.131320069	0.868679931		
	0.868679931	-1.343855816	1.899303572	0.277723878	2.293259996	
	2	0	0.885347965			
CCDC93	ENSG00000125633.10	0.045312727	8	5	0.065905565	
	Brain_Nucleus_accumbens_basal_ganglia	0.358809223	Brain_Substantia_nigra			
	5.480653342	0.02861948	0.186530902	-1.746033329	1.839065418	
	0.832269151	1.377498178	5	0	0.885347965	
UNC119B	ENSG00000175970.10	0.045317077	5	5	0.017060968	
	Brain_Anterior_cingulate_cortex_BA24	0.894082057	Brain_Putamen_basal_ganglia			
	2.94417735	0.141781507	0.141781507	-0.158568273	2.385391201	
	0.925054754	1.120622941	5	0	0.885347965	
CDIP1	ENSG00000089486.16	0.045321177	6	4	0.106619385	Brain_Cerebellum
	0.625795506	Brain_Nucleus_accumbens_basal_ganglia	3.672717427			
	0.012732413	0.454905153	-1.046792919	1.613576188	0.361290728	
	1.235677479	4	0	0.885347965		
CRH	ENSG00000147571.4	0.045371631	1	1	0.045371631	
	Brain_Caudate_basal_ganglia	0.045371631	Brain_Caudate_basal_ganglia	1	1	
	1	-2.001192665	-2.001192665	-2.001192665	NA	1
	0.885347965					
TGFA	ENSG00000163235.15	0.045470536	6	3	0.067349049	
	Brain_Caudate_basal_ganglia	0.475130454	Brain_Cortex	4.551535205		
	0.005384487	0.325003057	-1.829337602	-0.714156431	-1.566400591	
	0.421310592	3	0	0.885363885		
RXFP3	ENSG00000182631.6	0.045514445	1	1	0.045514445	
	Brain_Hypothalamus	0.045514445	Brain_Hypothalamus	1	1	1
	1.999868692	1.999868692	1.999868692	NA	1	0
	0.885363885					
PLAC8L1	ENSG00000173261.8	0.045614971	2	2	0.013012314	
	Brain_Cerebellar_Hemisphere	0.042233709	Brain_Spinal_cord_cervical_c-1			
	1.79668254	0.20331746	0.20331746	-2.483432088	2.031209877	-0.226111106
	3.192333948	2	0	0.885363885		
GRM1	ENSG00000152822.13	0.045735682	2	2	0.023812584	Brain_Cerebellum
	0.357406147	Brain_Spinal_cord_cervical_c-1	1.048133601	0.951866399		
	0.951866399	-0.920318877	2.260139662	0.669910392	2.2489238	2
	0	0.885363885				
TMEM126B	ENSG00000171204.12	0.045921357	1	1	0.045921357	
	Brain_Substantia_nigra	0.045921357	Brain_Substantia_nigra	1	1	
	1	-1.996115455	-1.996115455	-1.996115455	NA	1
	0.885363885					
GNL3	ENSG00000163938.16	0.045973062	8	3	0.003643684	Brain_Cortex
	0.854222918	Brain_Anterior_cingulate_cortex_BA24	6.290843036	0.0122212		
	0.384343568	-0.183733001	2.90746735	1.945857266	0.922596367	3
	0	0.885363885				
RAF1	ENSG00000132155.11	0.045995576	3	3	0.007418343	

	Brain_Frontal_Cortex_BA9	0.868081769			Brain_Caudate_basal_ganglia		
	1.222557641	0.793563196	0.793563196		-0.74144421	2.677456748	
	0.700702691	1.771037704	3	0	0.885363885		
CLCA4	ENSG00000016602.9	0.045998327	3	3	0.294032224		
	Brain_Caudate_basal_ganglia	0.770702953			Brain_Nucleus_accumbens_basal_ganglia		
	1.93995144	0.192654169	0.192654169		-1.049317045	0.713900394	
	-0.208957392	0.884498949	3	0	0.885363885		
PCDHA12	ENSG00000251664.3	0.046001829			2	0.016321299	
	Brain_Frontal_Cortex_BA9	0.472672146			Brain_Cerebellar_Hemisphere		
	1.521027692	0.478972308	0.478972308		0.718138091	2.401650381	
	1.559894236	1.190422957	2	0	0.885363885		
ARID5B	ENSG00000150347.14	0.046005257			2	0.03059038	
	Brain_Caudate_basal_ganglia	0.604151463			Brain_Anterior_cingulate_cortex_BA24		
	1.297731392	0.702268608	0.702268608		-0.518439784	2.16236075	
	0.821960483	1.895612236	2	0	0.885363885		
SARDH	ENSG00000123453.17	0.046168735	8	7	0.003797874		
	Brain_Nucleus_accumbens_basal_ganglia	0.841521533			Brain_Hippocampus		
	3.686736998	0.097667936	0.144115663		-2.894479747	-0.199947638	
	-1.753479759	1.151805105	7	0	0.887085993		
TUBB8	ENSG00000261456.5	0.04624578	1	1	0.04624578	Brain_Hypothalamus	
	0.04624578	Brain_Hypothalamus	1	1	1	1.993143093	1.993143093
	1.993143093	NA	1	0	0.887085993		
TDRD10	ENSG00000163239.12	0.046284953			3	2	0.013103292
	Brain_Cerebellum	0.125428196			Brain_Cortex	2.727560011	0.03358549
	0.2388545	-2.480949536	-1.532382003		-2.074546321	0.488639334	2
	0	0.887085993					
SPC24	ENSG00000161888.11	0.046393163	5	4	0.134237102		
	Brain_Frontal_Cortex_BA9	0.969334848			Brain_Nucleus_accumbens_basal_ganglia		
	3.472490668	0.014964362	0.16804996		0.038442535	1.497600403	
	0.493127326	0.639660232	4	0	0.887943571		
RAB33B	ENSG00000172007.5	0.04660691	2	2	0.143155597	Brain_Cerebellum	
	0.677800569	Brain_Cerebellar_Hemisphere	1.695845503		0.304154497		
	0.304154497	-0.415466316	1.464140377		0.524337031	1.329082639	
	2	0	0.890815963				
ANAPC7	ENSG00000196510.12	0.046683118			5	4	0.039449333
	Brain_Frontal_Cortex_BA9	0.531251304			Brain_Hippocampus	1.998848945	
	0.009627799	0.131188624	-2.059468985		1.844507558	-0.04000813	
	1.764945227	4	0	0.891055255			
BPI	ENSG00000101425.12	0.046784433	2	2	0.02072363	Brain_Hypothalamus	
	0.448623064	Brain_Substantia_nigra	1.052378152		0.947621848		
	0.947621848	-2.312981986	0.757712585		-0.777634701	2.171308954	
	2	0	0.891772489				
DBP	ENSG00000105516.10	0.046948811	2	2	0.023347767		
	Brain_Putamen_basal_ganglia	0.323131104			Brain_Cerebellum	1.000285615	
	0.999714385	0.999714385	-0.988043991		2.267695585	0.639825797	
	2.302155532	2	0	0.893688179			
OLIG2	ENSG00000205927.4	0.047051935	1	1	0.047051935		
	Brain_Caudate_basal_ganglia	0.047051935			Brain_Caudate_basal_ganglia	1	1
	1	-1.985832417	-1.985832417		-1.985832417	NA	1
						0	0.89443427
GLIS1	ENSG00000174332.5	0.047168553	4	3	0.007439767		
	Brain_Cerebellar_Hemisphere	0.683241403			Brain_Spinal_cord_cervical_c-1		
	2.797978001	0.002920369	0.19808217		-2.676490503	-0.408043957	
	-1.890208353	1.065354412	3	0	0.895434489		
PDE1A	ENSG00000115252.18	0.047271599	9	4	0.040952571		
	Brain_Hypothalamus	0.951294996			Brain_Substantia_nigra	7.25701203	
	0.011337351	0.251111534	-0.061080629		2.044009881	0.798657467	
	0.556729123	4	0	0.896174718			
EMCN	ENSG00000164035.9	0.047382789	2	2	0.014303746		
	Brain_Nucleus_accumbens_basal_ganglia	0.864307862			Brain_Hypothalamus		
	1.05829053	0.94170947	0.94170947		-0.170893049	2.449543415	1.139325183
	1.852928394	2	0	0.897067117			
SERPINF2	ENSG00000167711.13	0.047498354			12	3	0.098523959

	Brain_Cortex	0.966662056		Brain_Anterior_cingulate_cortex_BA24				
	10.05769484	0.001423548		0.449556834		-0.495307824		1.652051962
	0.383683116	0.595236266	3	0		0.89803982		
MED27	ENSG00000160563.13	0.047564989		1	1	0.047564989		
	Brain_Substantia_nigra	0.047564989		Brain_Substantia_nigra			1	1
	1	-1.981234438	-1.981234438	-1.981234438	NA	1	0	
	0.898086044							
NBEAL1	ENSG00000144426.18	0.047745288		1	1	0.047745288		
	Brain_Substantia_nigra	0.047745288		Brain_Substantia_nigra			1	1
	1	1.979628504	1.979628504	1.979628504	NA	1	0	
	0.898625231							
CHMP1A	ENSG00000131165.14	0.047747001		5	5	0.047193492		
	Brain_Spinal_cord_cervical_c-1	0.951465654		Brain_Hippocampus				
	2.142657185	0.220035664	0.220035664	-1.984559589		0.257477598		
	-0.688522971	0.965663432	5	0		0.898625231		
ARFGEF1	ENSG00000066777.8	0.04784635	2	2		0.03019013		
	Brain_Caudate_basal_ganglia	0.043245325		Brain_Cerebellum		1.447739301		
	0.552260699	0.552260699	2.021332809	2.167586923		2.094459866		
	0.103417276	2	0	0.898625231				
SSR2	ENSG00000163479.13	0.047986837		2	2	0.018953538		
	Brain_Putamen_basal_ganglia	0.444315613		Brain_Spinal_cord_cervical_c-1				
	1.00484567	0.99515433	0.99515433	-2.346443531	0.764925996	-0.790758767		
	2.200070491	2	0	0.898625231				
GNE	ENSG00000159921.14	0.048010839		2	2	0.025205688		
	Brain_Substantia_nigra	0.321733153		Brain_Cerebellum		1.01784075	0.98215925	
	0.98215925	-0.990902579	2.238235712	0.623666566	2.283345583	2		
	0	0.898625231						
INAFM1	ENSG00000257704.3	0.048030735		2	2	0.066636883		
	Brain_Cerebellum	0.254086377		Brain_Cerebellar_Hemisphere		1.247470834		
	0.752529166	0.752529166	-1.834115284	1.140480008		-0.346817638		
	2.103356502	2	0	0.898625231				
WDR43	ENSG00000163811.11	0.048070852		2	1	0.024545366		
	Brain_Cerebellar_Hemisphere	0.095424628		Brain_Cerebellum		1.962190841		
	0.037809159	1.962190841	1.667451666	2.248483657		1.957967661		
	0.410851661	1	0	0.898625231				
DMXL1	ENSG00000172869.14	0.048107376		1	1	0.048107376		Brain_Cortex
	0.048107376	Brain_Cortex	1	1	1	-1.976418694		-1.976418694
	-1.976418694	NA	1	0	0.898625231			
LINC01124	ENSG00000222033.1	0.048297144		5	4	0.016698235		
	Brain_Cortex	0.722685298		Brain_Cerebellum		3.355127139	0.097962693	
	0.228461704	-2.393285651	-0.354872251	-1.073010075		0.853834062		
	4	0	0.900875989					
UBAP1L	ENSG00000246922.8	0.048442744		2	2	0.041081631		
	Brain_Nucleus_accumbens_basal_ganglia	0.184844635		Brain_Cerebellar_Hemisphere				
	1.022308809	0.977691191	0.977691191	-2.042705191		-1.325985094		
	-1.684345143	0.506797641	2	0	0.900875989			
SLC16A9	ENSG00000165449.11	0.048443845		3	2	0.021070353		
	Brain_Spinal_cord_cervical_c-1	0.43492437		Brain_Cerebellar_Hemisphere				
	1.967660159	0.032471902	0.999867939	0.7807928	2.306721455			
	1.307330817	0.865913833	2	0	0.900875989			
NEMF	ENSG00000165525.17	0.048595985		1	1	0.048595985		
	Brain_Substantia_nigra	0.048595985		Brain_Substantia_nigra			1	1
	1	-1.972119336	-1.972119336	-1.972119336	NA	1	0	
	0.900875989							
CNPY4	ENSG00000166997.7	0.048600968		5	5	0.095817486		
	Brain_Anterior_cingulate_cortex_BA24	0.9750369						
	Brain_Nucleus_accumbens_basal_ganglia	1.8783548	0.419094394	0.419094394				
	-1.556374704	1.665477717	0.327673087	1.326245065	5	0		
	0.900875989							
SGF29	ENSG00000176476.8	0.048614207		1	1	0.048614207		Brain_Cerebellum
	0.048614207	Brain_Cerebellum	1	1	1	1.971959701		1.971959701
	1.971959701	NA	1	0	0.900875989			

DSG2	ENSG00000046604.12	0.048797565	1	1	0.048797565			
	Brain_Nucleus_accumbens_basal_ganglia	0.048797565						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.970356168			
	-1.970356168	-1.970356168	NA	1	0	0.901991096		
LYSMD3	ENSG00000176018.12	0.048803321	1	1	0.048803321			
	Brain_Nucleus_accumbens_basal_ganglia	0.048803321						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.970305917			
	1.970305917	1.970305917	NA	1	0	0.901991096		
RP11-343L5.2	ENSG00000271862.1	0.049096794	1	1	0.049096794			
	Brain_Cerebellum	0.049096794	Brain_Cerebellum	1	1	1	-1.967750135	
	-1.967750135	-1.967750135	NA	1	0	0.906218004		
FAM200B	ENSG00000237765.6	0.049177857	11	3	0.062196961			
	Brain_Putamen_basal_ganglia	0.891273969	Brain_Nucleus_accumbens_basal_ganglia					
	8.895214997	0.014768716	0.398525291		-1.864889024	0.13669236		
	-1.015001634	0.595053506	3	0	0.906518302			
SLC22A8	ENSG00000149452.15	0.049539894	1	1	0.049539894			
	Brain_Anterior_cingulate_cortex_BA24	0.049539894						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.963915483			
	-1.963915483	-1.963915483	NA	1	0	0.911990338		
MIR646HG	ENSG00000228340.5	0.049656074	2	2	0.055045637			
	Brain_Nucleus_accumbens_basal_ganglia	0.221705296	Brain_Caudate_basal_ganglia					
	1.92968588	0.07031412	0.07031412	-1.91851583	-1.222006165	-1.570260997		
	0.492506708	2	0	0.912927892				
GPRIN1	ENSG00000169258.6	0.049757195	1	1	0.049757195			
	Brain_Cortex	0.049757195	Brain_Cortex	1	1	1	1.962045429	
	1.962045429	1.962045429	NA	1	0	0.91323095		
PTTG1IP	ENSG00000183255.11	0.04983381	2	2	0.021807068	Brain_Cerebellum		
	0.155506679	Brain_Cerebellar_Hemisphere	1.257583857	0.742416143				
	0.742416143	1.420347018	2.293711635	1.857029327	0.617562043			
	2	0	0.91323095					
Clorf229	ENSG00000221953.5	0.049988244	12	7	0.014213949			
	Brain_Caudate_basal_ganglia	0.98764799	Brain_Hypothalamus	7.892698268				
	0.001083766	0.263839629	-2.451810504	1.687007838	-0.521780272			
	1.007936181	7	0	0.91323095				
MYLK4	ENSG00000145949.9	0.049991466	10	5	0.002945623			
	Brain_Hippocampus	0.911524687	Brain_Anterior_cingulate_cortex_BA24					
	6.730464363	0.002526534	0.281784108	-0.37455687	2.97335629			
	0.59839434	0.938165911	5	0	0.91323095			
SPOCK2	ENSG00000107742.12	0.050038108	4	3	0.056212303			
	Brain_Frontal_Cortex_BA9	0.33719559	Brain_Caudate_basal_ganglia	1.979501897				
	0.023843232	0.947711446	-1.909386099	1.787631954	0.585331134			
	1.698242397	3	0	0.91323095				
RP11-536I6.2	ENSG00000255021.1	0.050104092	2	2	0.06814299			
	Brain_Putamen_basal_ganglia	0.964544868	Brain_Caudate_basal_ganglia					
	1.679984323	0.320015677	0.320015677	-1.824060079	-0.044451053			
	-0.934255566	1.258373611	2	0	0.91323095			
ANKRD6	ENSG00000135299.16	0.050129467	2	2	0.014949705			
	Brain_Nucleus_accumbens_basal_ganglia	0.701385248	Brain_Caudate_basal_ganglia					
	1.257929548	0.742070452	0.742070452	-2.43359516	-0.383451198			
	-1.408523179	1.449670698	2	0	0.91323095			
SMYD4	ENSG00000186532.11	0.050208143	13	2	0.014865195	Brain_Cortex		
	0.56765551	Brain_Cerebellar_Hemisphere	11.63768346	0.002690157				
	0.532601346	-2.435646714	-0.571507748	-1.96357772	0.462375098			
	2	0	0.913474813					
CNN3	ENSG00000117519.15	0.050317275	5	5	0.232077539	Brain_Cortex		
	0.701634298	Brain_Frontal_Cortex_BA9	2.624955938	0.087690047				
	0.087690047	-1.195024293	1.172383137	-0.127627882	0.918367498			
	5	0	0.914271422					
DECR2	ENSG00000242612.6	0.050567988	13	2	0.014453384	Brain_Cortex		
	0.136475451	Brain_Frontal_Cortex_BA9	11.97046972	0.002281669				
	0.57348175	1.489045259	2.445793286	2.111672623	0.297911382	2		
	0	0.91489611						

CTD-2162K18.3 ENSG00000267353.1 0.050589901 3 3 0.095253417
Brain_Caudate_basal_ganglia 0.553869421 Brain_Cerebellum 1.805706852
0.350843029 0.350843029 -1.416372567 1.668313964 -0.113343494
1.597071256 3 0 0.91489611

VN1R1 ENSG00000178201.4 0.05081646 9 7 0.017321932
Brain_Nucleus_accumbens_basal_ganglia 0.775478145 Brain_Hypothalamus
5.066220262 0.038684252 0.200275612 -2.379802229 0.71349936
-0.451801076 0.924580816 7 0 0.91489611

RP5-944M2.3 ENSG00000214043.7 0.050822208 3 3 0.0724402
Brain_Cortex 0.922305812 Brain_Frontal_Cortex_BA9 1.860871545
0.49898136 0.49898136 -1.097848664 1.796341638 0.265340865 1.45437438
3 0 0.91489611

TMPO ENSG00000120802.13 0.050983033 1 1 0.050983033
Brain_Nucleus_accumbens_basal_ganglia 0.050983033
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 1.951622558
1.951622558 1.951622558 NA 1 0 0.91489611

RND1 ENSG00000172602.9 0.051004219 2 2 0.033832473
Brain_Cerebellar_Hemisphere 0.273341336 Brain_Caudate_basal_ganglia
1.050250118 0.949749882 0.949749882 -2.122062705 1.095400225
-0.51333124 2.275089856 2 0 0.91489611

TMEM117 ENSG00000139173.9 0.051012311 1 1 0.051012311
Brain_Hippocampus 0.051012311 Brain_Hippocampus 1 1 1
1.9513762 1.9513762 1.9513762 NA 1 0 0.91489611

SLC35D3 ENSG00000182747.4 0.051373108 1 1 0.051373108
Brain_Substantia_nigra 0.051373108 Brain_Substantia_nigra 1 1
1 -1.948349914 -1.948349914 -1.948349914 NA 1 0 0.91489611

NTNG2 ENSG00000196358.10 0.051385013 1 1 0.051385013
Brain_Spinal_cord_cervical_c-1 0.051385013 Brain_Spinal_cord_cervical_c-1
1 1 1 -1.948250362 -1.948250362 -1.948250362 NA 1 0
0.91489611

RPRD2 ENSG00000163125.15 0.05147799 11 3 0.013864496
Brain_Frontal_Cortex_BA9 0.970579799 Brain_Substantia_nigra
8.880700168 0.000408903 0.464120423 0.036881114 2.46075512
1.717502924 0.828494118 3 0 0.91489611

THEMIS2 ENSG00000130775.15 0.051495461 1 1 0.051495461
Brain_Cerebellar_Hemisphere 0.051495461 Brain_Cerebellar_Hemisphere 1 1
1 1.947327687 1.947327687 1.947327687 NA 1 0 0.91489611

NCOA7 ENSG00000111912.19 0.05151695 7 5 0.002928209
Brain_Anterior_cingulate_cortex_BA24 0.857286887 Brain_Cerebellum
4.262854399 0.071004654 0.246145726 -0.17982891 2.975175617
1.363675455 1.055617382 5 0 0.91489611

GPT2 ENSG00000166123.13 0.05157863 1 1 0.05157863 Brain_Cortex 0.05157863
Brain_Cortex 1 1 1 -1.946633995 -1.946633995 -1.946633995
NA 1 0 0.91489611

IL1R2 ENSG00000115590.13 0.051600057 1 1 0.051600057
Brain_Frontal_Cortex_BA9 0.051600057 Brain_Frontal_Cortex_BA9 1 1
1 1.946455432 1.946455432 1.946455432 NA 1 0 0.91489611

CRABP2 ENSG00000143320.8 0.051679349 2 2 0.017383418
Brain_Cerebellar_Hemisphere 0.56230209 Brain_Cerebellum 1.025969372
0.974030628 0.974030628 -0.579425517 2.378496154 0.899535318
2.091566472 2 0 0.91489611

SNAPIN ENSG00000143553.10 0.051693438 1 1 0.051693438
Brain_Cerebellar_Hemisphere 0.051693438 Brain_Cerebellar_Hemisphere 1 1
1 1.945677942 1.945677942 1.945677942 NA 1 0 0.91489611

UBAC1 ENSG00000130560.8 0.051709428 2 2 0.030812824
Brain_Cerebellar_Hemisphere 0.693361541 Brain_Cerebellum 1.31151615 0.68848385
0.68848385 -2.159481593 0.394297321 -0.882592136 1.805794388 2
0 0.91489611

SORBS3 ENSG00000120896.13 0.051747346 1 1 0.051747346
Brain_Hippocampus 0.051747346 Brain_Hippocampus 1 1 1
-1.945229637 -1.945229637 -1.945229637 NA 1 0 0.91489611

SCTR ENSG00000080293.9 0.051853519 1 1 0.051853519

	Brain_Anterior_cingulate_cortex_BA24	0.051853519						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.944347842			
	1.944347842	1.944347842	NA	1	0	0.91489611		
GLYCTK	ENSG00000168237.17	0.051937376	6	5	0.002814629			
	Brain_Cerebellum0.274988327	Brain_Cortex	3.498626192		0.111677205			
	0.347984998	1.091646913	2.98728964	1.807823431	0.703577822			5
	0	0.91489611						
DUSP13	ENSG00000079393.20	0.051961549	1	1	0.051961549			
	Brain_Anterior_cingulate_cortex_BA24	0.051961549						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.943452167			
	1.943452167	1.943452167	NA	1	0	0.91489611		
SNAI3	ENSG00000185669.5	0.052140086	3	3	0.034357059			
	Brain_Nucleus_accumbens_basal_ganglia	0.290666245						
	Brain_Anterior_cingulate_cortex_BA24	1.057333422			0.933120505			
	0.933120505	-2.115855974	-1.056661186	-1.51841217	0.542478392			
	3	0	0.91489611					
ATXN1L	ENSG00000224470.7	0.052154647	1	1	0.052154647			
	Brain_Cortex	0.052154647	Brain_Cortex	1	1	1	-1.941855077	
	-1.941855077	-1.941855077	NA	1	0	0.91489611		
ATM	ENSG00000149311.18	0.0522961	2	2	0.030848468			
	Brain_Spinal_cord_cervical_c-1	0.809816711						
	Brain_Nucleus_accumbens_basal_ganglia	1.36813434	0.63186566	0.63186566				
	-2.159021904	0.240662492	-0.959179706	1.696833109	2	0		
	0.91489611							
KL	ENSG00000133116.7	0.052310499	1	1	0.052310499			
	Brain_Putamen_basal_ganglia	0.052310499	Brain_Putamen_basal_ganglia	1	1			
	1	1.940569643	1.940569643	1.940569643	NA	1	0	0.91489611
CDC37L1	ENSG00000106993.11	0.05232551	1	1	0.05232551			
	Brain_Putamen_basal_ganglia	0.05232551	Brain_Putamen_basal_ganglia	1	1	1		
	1.940446007	1.940446007	1.940446007	NA	1	0	0.91489611	
BPGM	ENSG00000172331.11	0.052360062	1	1	0.052360062			
	0.052360062	Brain_Cortex	1	1	1	1.940161535	1.940161535	
	1.940161535	NA	1	0	0.91489611			
C20orf197	ENSG00000176659.7	0.052395038	4	1	0.045735537			
	Brain_Nucleus_accumbens_basal_ganglia	0.062048003	Brain_Cerebellar_Hemisphere					
	3.975704335	1.73E-05	3.975704335	-1.99782591	-1.865952557			
	-1.933892586	0.068875856	1	0	0.91489611			
ACAA1	ENSG00000060971.17	0.05239945	1	1	0.05239945			
	0.05239945	Brain_Frontal_Cortex_BA9	1	1	1	1.939837432		
	1.939837432	1.939837432	NA	1	0	0.91489611		
SLK	ENSG00000065613.13	0.052459348	2	2	0.015238136			
	Brain_Frontal_Cortex_BA9	0.964381811	Brain_Cerebellar_Hemisphere					
	1.015348268	0.984651732	0.984651732	-2.426669356	-0.044655617			
	-1.235662487	1.684338068	2	0	0.91489611			
LINC02175	ENSG00000262155.1	0.052541831	2	1	0.053031928			
	Brain_Cerebellar_Hemisphere	0.057947859	Brain_Cerebellum	1.95223286	0.04776714			
	1.95223286	1.896092161	1.934660849	1.915376505	0.027272181			1
	0	0.91489611						
TRIM33	ENSG00000197323.11	0.052556765	1	1	0.052556765			
	Brain_Nucleus_accumbens_basal_ganglia	0.052556765						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.938545012			
	-1.938545012	-1.938545012	NA	1	0	0.91489611		
PLEKH01	ENSG00000023902.13	0.052637229	2	2	0.025936677			
	Brain_Anterior_cingulate_cortex_BA24	0.065022439	Brain_Cerebellum	1.43993653				
	0.56006347	0.56006347	1.845103811	2.227158591	2.036131201			
	0.270153526	2	0	0.91489611				
NUDT18	ENSG00000275074.1	0.052644292	9	4	0.001934723			
	Brain_Hypothalamus	0.90690559	Brain_Frontal_Cortex_BA9	6.561759145				
	0.007093693	0.324013908	-3.100073949	-0.116942536	-2.401575995			
	0.919293213	4	0	0.91489611				
PCSK4	ENSG00000115257.15	0.052728497	2	2	0.017152072			
	Brain_Cerebellar_Hemisphere	0.273273905	Brain_Cerebellum	1.609984011				

	0.390015989	0.390015989	-2.383431598	-1.095554221	-1.739492909
	0.910666826	2 0	0.91489611		
PCDHB2	ENSG00000112852.6	0.052749907	6	5	0.002179889
	Brain_Cortex	0.428000967	Brain_Cerebellum	3.81161473	0.100995666
	0.267118377	-3.064562107	-0.792617058	-1.871106452	0.74173846 5
	0 0.91489611				
PIDD1	ENSG00000177595.17	0.052792578	7 6	0.004009685	Brain_Cerebellum
	0.447184889	Brain_Hippocampus	4.007722475	0.002484983	
	0.220444529	-1.792437317	2.877398831	1.500765814	1.622883358
	6 0 0.91489611				
EWSAT1	ENSG00000212766.9	0.052958865	1 1	0.052958865	
	Brain_Frontal_Cortex_BA9	0.052958865	Brain_Frontal_Cortex_BA9	1 1	
	1 1.935256196	1.935256196	1.935256196	NA 1 0	0.91489611
MTERF1	ENSG00000127989.13	0.053005951	2 2	0.047256395	
	Brain_Frontal_Cortex_BA9	0.114622929	Brain_Cerebellar_Hemisphere		
	1.096773062	0.903226938	0.903226938	-1.983995022	-1.577750545
	-1.780872783	0.287258224	2 0	0.91489611	
LILRA6	ENSG00000244482.10	0.053009702	3 1	0.044598158	
	Brain_Cortex	0.065465022	Brain_Caudate_basal_ganglia	2.899812675	
	0.024706867	2.899812675	-2.008424907	-1.842069245	-1.902449482
	0.092074657	1 0 0.91489611			
ADH1B	ENSG00000196616.13	0.053032717	2 2	0.049323541	
	Brain_Caudate_basal_ganglia	0.174000381	Brain_Hypothalamus	1.029230313	
	0.970769687	0.970769687	-1.965784227	1.359461541	-0.303161343
	2.351303832	2 0 0.91489611			
EMG1	ENSG00000126749.14	0.053202608	3 3	0.042609535	Brain_Cortex
	0.175047582	Brain_Cerebellum	1.703433123	0.296778924	0.296778924
	1.356162149	2.027517319	1.750831166	0.350883753	3 0
	0.916696663				
ZMIZ1	ENSG00000108175.16	0.053371367	1 1	0.053371367	Brain_Cerebellum
	0.053371367	Brain_Cerebellum	1 1 1	-1.931903914	-1.931903914
	-1.931903914	NA 1 0 0.917505849			
RAB25	ENSG00000132698.14	0.05339887	2 2	0.040059377	Brain_Cerebellum
	0.147370783	Brain_Putamen_basal_ganglia	1.083251966	0.916748034	
	0.916748034	-1.448881125	2.053136126	0.302127501	2.476300146
	2 0 0.917505849				
FRMPD1	ENSG00000070601.9	0.053513165	1 1	0.053513165	
	Brain_Cerebellum	0.053513165	Brain_Cerebellum	1 1 1	1.930756554
	1.930756554	1.930756554	NA 1 0	0.917505849	
ELSPBP1	ENSG00000169393.8	0.053568375	1 1	0.053568375	
	Brain_Spinal_cord_cervical_c-1	0.053568375	Brain_Spinal_cord_cervical_c-1		
	1 1 1	-1.930310515	-1.930310515	-1.930310515	NA 1 0
	0.917505849				
UBP1	ENSG00000153560.11	0.053577463	3 1	0.043503833	Brain_Cerebellum
	0.073466527	Brain_Cerebellar_Hemisphere	2.910389945	0.023242223	
	2.910389945	-2.018840188	-1.789921532	-1.900726602	0.114634194
	1 0 0.917505849				
GALM	ENSG00000143891.16	0.053817493	3 1	0.030780203	
	Brain_Hippocampus	0.082278054	Brain_Cortex	2.885685743	
	0.031235366	2.885685743	-2.159902693	-1.737618519	-1.892342905
	0.232658229	1 0 0.920240629			
RP11-403A3.3	ENSG00000275830.1	0.054025805	2 1	0.053080798	
	Brain_Hypothalamus	0.057727546	Brain_Caudate_basal_ganglia	1.978017061	
	0.021982939	1.978017061	-1.934263017	-1.897761205	-1.916012111
	0.025810678	1 0 0.920240629			
CWC25	ENSG00000273559.4	0.054050039	4 3	0.037271436	
	Brain_Spinal_cord_cervical_c-1	0.401298147	Brain_Substantia_nigra		
	2.090592848	0.035848555	0.848697237	-1.593721571	2.082778302
	-0.440050202	1.712282703	3 0 0.920240629		
GNG7	ENSG00000176533.12	0.054102111	3 3	0.062123069	
	Brain_Nucleus_accumbens_basal_ganglia	0.18582163	Brain_Cortex	1.062140893	
	0.935791222	0.935791222	-1.865416338	1.323041342	-0.646552095

1.721703034	3	0	0.920240629						
KCTD5	ENSG00000167977.8	0.054156513	2	2	0.01578531	Brain_Hippocampus			
0.589351789	Brain_Putamen_basal_ganglia	1.194536167			0.805463833				
0.805463833	-2.413841909	0.53977561	-0.93703315		2.088522977			2	
0	0.920240629								
CD34	ENSG00000174059.16	0.0542222	2	2	0.338557207	Brain_Cortex			
0.36132912	Brain_Caudate_basal_ganglia	1.700076731			0.299923269				
0.299923269	-0.957019908	0.912835394	-0.022092257		1.322187364				
2	0	0.920240629							
SLC26A6	ENSG00000225697.12	0.054251961	2	2	0.039852545				
Brain_Hypothalamus	0.265342395	Brain_Cerebellum	1.072653751						
0.927346249	0.927346249	-1.113852674	2.055274025		0.470710676				
2.240910979	2	0	0.920240629						
C5orf34	ENSG00000172244.8	0.054284802	5	2	0.00915779				
Brain_Nucleus_accumbens_basal_ganglia	0.028788082	Brain_Caudate_basal_ganglia							
4.583509743	0.020261086	0.224533666	-2.606106826		-2.186376361				
-2.306953627	0.173708328	2	0	0.920240629					
RRP1B	ENSG00000160208.12	0.054329123	1	1	0.054329123	Brain_Cerebellum			
0.054329123	Brain_Cerebellum	1	1	1	1.924203162	1.924203162			
1.924203162	NA	1	0	0.920240629					
ZNF112	ENSG00000062370.16	0.054604702	2	2	0.019683209				
Brain_Cerebellum	0.829370809	Brain_Caudate_basal_ganglia	1.339524947						
0.660475053	0.660475053	-2.332332444	-0.215508598		-1.273920521				
1.496820496	2	0	0.92196835						
ALDH1B1	ENSG00000137124.7	0.054630827	3	2	0.017948293				
Brain_Nucleus_accumbens_basal_ganglia	0.033311294	Brain_Caudate_basal_ganglia							
2.648464196	0.005039431	0.346496372	-2.366683114		-2.128311151				
-2.262520189	0.121993339	2	0	0.92196835					
DBNDD1	ENSG00000003249.13	0.054633266	5	5	0.022613672				
Brain_Amygdala	0.561602399	Brain_Cortex	1.626186098		0.376571691				
0.376571691	-1.843961121	2.27989912	-0.271080305		1.72537812	5		0	
0.92196835									
TNFSF18	ENSG00000120337.8	0.054694713	5	3	0.033803827				
Brain_Cerebellum	0.977327068	Brain_Cerebellar_Hemisphere	3.633874067						
0.001694963	0.470833337	-0.028420132	2.12240399		1.328240252				
0.995733701	3	0	0.92196835						
LINC02062	ENSG00000248489.1	0.054890786	2	2	0.019428077				
Brain_Nucleus_accumbens_basal_ganglia	0.578520555	Brain_Cerebellar_Hemisphere							
1.012591725	0.987408275	0.987408275	-0.555547024		2.337213658				
0.890833317	2.045490694	2	0	0.924128356					
RP11-472N13.2	ENSG00000223834.2	0.054986916	1	1	0.054986916				
Brain_Caudate_basal_ganglia	0.054986916	Brain_Caudate_basal_ganglia	1	1					
1	1.918979598	1.918979598	1.918979598		NA	1		0	
0.924128356									
CSF1	ENSG00000184371.13	0.055021008	2	2	0.061308857				
Brain_Cerebellar_Hemisphere	0.167343383	Brain_Amygdala	1.070288153						
0.929711847	0.929711847	1.380790506	1.871261409		1.626025958				
0.346815301	2	0	0.924128356						
RP11-469N6.1	ENSG00000251226.1	0.05527054	11	6	0.034703644				
Brain_Caudate_basal_ganglia	0.718311738	Brain_Putamen_basal_ganglia							
6.744659167	0.010751726	0.252995254	-0.970865705		2.111799576				
0.934593737	1.227871095	6	0	0.92441438					
SLC6A16	ENSG00000063127.15	0.055273787	2	2	0.016696263				
Brain_Cerebellum	0.090694728	Brain_Nucleus_accumbens_basal_ganglia							
1.773294871	0.226705129	0.226705129	-2.393328976		-1.691744353				
-2.042536665	0.496095244	2	0	0.92441438					
UCHL1	ENSG00000154277.12	0.05529625	2	2	0.016172338				
Brain_Cerebellar_Hemisphere	0.487475729	Brain_Cerebellum	1.319378958						
0.680621042	0.680621042	0.694329287	2.405002888		1.549666087				
1.209628904	2	0	0.92441438						
CEP57	ENSG00000166037.10	0.055302325	2	2	0.021859965	Brain_Cortex			
0.849354983	Brain_Cerebellum	1.227241117	0.772758883		0.772758883				

	-0.189941487	2.292792316	1.051425415	1.755557908	2	0
	0.92441438					
RANBP1	ENSG00000099901.16	0.055429134	1	1	0.055429134	
	Brain_Amygdala	0.055429134	Brain_Amygdala	1	1	1.915497136
	1.915497136	1.915497136	NA	1	0	0.925428419
CKAP2	ENSG00000136108.14	0.055615936	13	1	0.035493716	
	Brain_Frontal_Cortex_BA9	0.163905963				Brain_Spinal_cord_cervical_c-1
	12.33290831	8.73E-05	12.33290831			-2.102680412
	-1.86155743	0.189923098	1	0	0.926896684	-1.392054276
RP11-390F4.3	ENSG00000225489.6	0.05570428	3	3	0.051712261	
	Brain_Cerebellar_Hemisphere	0.40685787	Brain_Hippocampus			1.507617744
	0.557382803	0.557382803	-1.945521362	0.829435766		-0.948704119
	1.543679231	3	0	0.926896684		
GTF3C3	ENSG00000119041.10	0.055715825	1	1	0.055715825	
	Brain_Putamen_basal_ganglia	0.055715825	Brain_Putamen_basal_ganglia	1	1	
	1	1.913251798	1.913251798	1.913251798	NA	1
	0.926896684					0
IL12RB2	ENSG00000081985.10	0.055882819	3	3	0.012006363	
	Brain_Cerebellum	0.952396768	Brain_Cerebellar_Hemisphere			1.308701284
	0.743871307	0.743871307	-0.059697243	2.511957253		1.210292497
	1.28611982	3	0	0.928019729		
DHRS11	ENSG00000278535.4	0.055946434	12	1	0.039833079	
	Brain_Cerebellum	0.120790322	Brain_Nucleus_accumbens_basal_ganglia			
	11.62016064	4.60E-05	11.62016064	1.551464861		2.055475717
	1.878836387	0.14327835	1	0	0.928019729	
GS1-259H13.2	ENSG00000244219.6	0.055982321	7	4	0.003210233	
	Brain_Putamen_basal_ganglia	0.314956587	Brain_Spinal_cord_cervical_c-1			
	5.531574638	0.038779534	0.190910834	1.004875949		2.946855357
	1.944089897	0.630343866	4	0	0.928019729	
ZNF646	ENSG00000167395.10	0.056106954	5	5	0.004236359	
	Brain_Hippocampus	0.278183809	Brain_Frontal_Cortex_BA9			2.832395033
	0.125137815	0.125137815	1.084408291	2.860003801		1.984420865
	0.833511454	5	0	0.928853939		
POM121	ENSG00000196313.11	0.056173185	9	8	0.02085347	
	Brain_Caudate_basal_ganglia	0.724180122	Brain_Hippocampus			4.329189743
	0.12118092	0.259814456	-0.870677741	2.310626939		0.655476506
	1.002819081	8	0	0.928853939		
METRNL	ENSG00000176845.12	0.056379223	3	3	0.015070934	
	Brain_Cortex	0.439408046	Brain_Substantia_nigra			1.435287038
	0.467039999	0.467039999	-2.43067	-0.773193207		-1.375826082
	0.916612487	3	0	0.928853939		
CUL5	ENSG00000166266.13	0.05638782	1	1	0.05638782	Brain_Cerebellar_Hemisphere
	0.05638782	Brain_Cerebellar_Hemisphere	1	1	1.908026276	
	1.908026276	1.908026276	NA	1	0	0.928853939
RPS18	ENSG00000231500.6	0.056439418	10	4	0.115082658	
	Brain_Frontal_Cortex_BA9	0.995835812	Brain_Putamen_basal_ganglia			
	7.784707686	0.027444961	0.376340076	-1.500349353		1.575753346
	0.45679286	0.899854173	4	0	0.928853939	
MSL2	ENSG00000174579.3	0.056490046	1	1	0.056490046	Brain_Cerebellum
	0.056490046	Brain_Cerebellum	1	1	-1.907235906	-1.907235906
	-1.907235906	NA	1	0	0.928853939	
DYNC1LI1	ENSG00000144635.8	0.056746258	1	1	0.056746258	
	Brain_Spinal_cord_cervical_c-1	0.056746258	Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.905260184	1.905260184	1.905260184
	0.928853939					NA
SAMD14	ENSG00000167100.14	0.05682789	3	3	0.010598372	
	Brain_Cerebellar_Hemisphere	0.694641898	Brain_Putamen_basal_ganglia			
	1.585970321	0.416414778	0.416414778	0.392563506		2.555669515
	1.738568567	1.174547391	3	0	0.928853939	
COPG2	ENSG00000158623.14	0.056884191	3	3	0.202033434	
	Brain_Nucleus_accumbens_basal_ganglia	0.963110588	Brain_Cerebellar_Hemisphere			
	2.110770585	0.114825004	0.114825004	0.046250505		1.275779619

	0.811453482	0.667705485	3	0	0.928853939				
AP001258.4	ENSG00000245571.6	0.05688441	2	2	0.017667335				
	Brain_Putamen_basal_ganglia	0.151261857			Brain_Hypothalamus	1.485703681			
	0.514296319	0.514296319	-2.372517325		-1.435088581	-1.903802953			
	0.662862222	2	0	0.928853939					
PCDH10	ENSG00000138650.8	0.056909698	2	2	0.035574735				
	Brain_Cortex	0.462325266			Brain_Putamen_basal_ganglia	1.186371492			
	0.813628508	0.813628508	-0.735023362		2.101755089	0.683365863			
	2.005905279	2	0	0.928853939					
ABHD8	ENSG00000127220.5	0.056924711	1	1	0.056924711				
	Brain_Caudate_basal_ganglia	0.056924711			Brain_Caudate_basal_ganglia	1	1		
	1	1.903888468	1.903888468	1.903888468	NA	1	0		
	0.928853939								
GAP43	ENSG00000172020.12	0.056989802	1	1	0.056989802				
	Brain_Hippocampus	0.056989802			Brain_Hippocampus	1	1	1	
	-1.903389024	-1.903389024	-1.903389024	NA	1	0	0.928853939		
ST13	ENSG00000100380.13	0.057069898	1	1	0.057069898				
	Brain_Substantia_nigra	0.057069898			Brain_Substantia_nigra	1	1		
	1	1.902775098	1.902775098	1.902775098	NA	1	0		
	0.928853939								
SHTN1	ENSG00000187164.19	0.05714056	1	1	0.05714056	Brain_Cerebellar_Hemisphere			
	0.05714056	Brain_Cerebellar_Hemisphere	1	1	-1.902234077				
	-1.902234077	-1.902234077	NA	1	0	0.928853939			
LINC01422	ENSG00000235271.5	0.057155156	3	3	0.023453494				
	Brain_Caudate_basal_ganglia	0.377622885			Brain_Nucleus_accumbens_basal_ganglia				
	2.291163263	0.236208038	0.236208038	0.882284669	2.265965535				
	1.663171871	0.70882379	3	0	0.928853939				
PDCD4	ENSG00000150593.17	0.057161264	2	2	0.06258757				
	Brain_Putamen_basal_ganglia	0.209214877			Brain_Hippocampus	1.125890502			
	0.874109498	0.874109498	-1.255727246		1.862110116	0.303191435			
	2.204643941	2	0	0.928853939					
ADAMTS5	ENSG00000154736.5	0.057361729	2	2	0.016893016				
	Brain_Cerebellar_Hemisphere	0.036492144			Brain_Cerebellum	1.893543864			
	0.106456136	0.106456136	2.091400877		2.389027983	2.24021443			
	0.210454145	2	0	0.928971634					
AKIRIN1	ENSG00000174574.15	0.057523475	3	2	0.039396871				
	Brain_Hypothalamus	0.222585621			Brain_Hippocampus	2.785793882			
	0.068691243	0.145514875	-2.060017466		-1.219681544	-1.517064514			
	0.470924173	2	0	0.928971634					
MRPS15	ENSG00000116898.11	0.057601661	4	4	0.015022323				
	Brain_Putamen_basal_ganglia	0.999475746			Brain_Frontal_Cortex_BA9				
	1.467842534	0.644735279	0.644735279	-2.43184044	0.000657055				
	-1.188565268	1.029293237	4	0	0.928971634				
ARHGEF35	ENSG00000213214.4	0.057626694	5	2	0.082886126				
	Brain_Substantia_nigra	0.640124582			Brain_Caudate_basal_ganglia				
	4.708788414	0.00324667	0.177511574	-1.734180137	-0.46752462				
	-1.065014191	0.452769732	2	0	0.928971634				
RP11-545G3.1	ENSG00000241449.5	0.057638615	3	3	0.051461657				
	Brain_Cerebellum	0.790978556			Brain_Caudate_basal_ganglia	1.149488753			
	0.850089305	0.850089305	-1.947609909		0.26504012	-1.098068046			
	1.19237905	3	0	0.928971634					
MED19	ENSG00000156603.15	0.057643481	3	3	0.025539876				
	Brain_Cerebellar_Hemisphere	0.545721371			Brain_Cerebellum	2.539198696			
	0.170268046	0.170268046	-2.233137542		-0.604183919	-1.422551184			
	0.814504686	3	0	0.928971634					
MYH10	ENSG00000133026.12	0.057859174	1	1	0.057859174				
	Brain_Hippocampus	0.057859174			Brain_Hippocampus	1	1	1	
	1.896763384	1.896763384	1.896763384	NA	1	0	0.928971634		
NGEF	ENSG00000066248.14	0.057869497	1	1	0.057869497				
	Brain_Spinal_cord_cervical_c-1	0.057869497			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.896685207	-1.896685207	-1.896685207	NA	1	0
	0.928971634								

MATN2	ENSG00000132561.13	0.057955709	2	2	0.017049126	Brain_Cortex
	0.085108231	Brain_Putamen_basal_ganglia	1.700922129	0.299077871		
	0.299077871	-2.385646603	-1.721786334	-2.053716468	0.469420098	
	2	0	0.928971634			
FBXW8	ENSG00000174989.12	0.057969149	1	1	0.057969149	
	Brain_Hypothalamus	0.057969149	Brain_Hypothalamus	1	1	1
	1.895931152	1.895931152	1.895931152	NA	1	0
	0.928971634					
BGLAP	ENSG00000242252.1	0.058002261	7	4	0.005416007	
	Brain_Caudate_basal_ganglia	0.685268402	Brain_Substantia_nigra			
	5.050264012	5.89E-05	0.290359998	-2.781189764	0.405284495	
	-1.703886136	1.171570875	4	0	0.928971634	
NSG1	ENSG00000168824.14	0.058023684	3	3	0.024237336	Brain_Amygdala
	0.380365465	Brain_Nucleus_accumbens_basal_ganglia	1.197864485			
	0.814014524	0.814014524	-1.299294403	2.253346085	0.025609523	
	1.940784296	3	0	0.928971634		
LINC01060	ENSG00000249378.5	0.058067512	2	1	0.056522682	
	Brain_Substantia_nigra	0.060521775	Brain_Spinal_cord_cervical_c-1			
	1.993231904	0.006768096	1.993231904	1.876973144	1.906983824	
	1.891978484	0.021220756	1	0	0.928971634	
ATP5J	ENSG00000154723.12	0.058333158	1	1	0.058333158	
	Brain_Frontal_Cortex_BA9	0.058333158	Brain_Frontal_Cortex_BA9	1	1	
	1	-1.893185854	-1.893185854	-1.893185854	NA	1
	0.928971634					0
LINC01102	ENSG00000235597.1	0.058378503	1	1	0.058378503	
	Brain_Cortex	0.058378503	Brain_Cortex	1	1	1
	-1.892844867	-1.892844867	NA	1	0	0.928971634
MEPCE	ENSG00000146834.13	0.058549579	6	3	0.009392115	
	Brain_Caudate_basal_ganglia	0.814580575	Brain_Spinal_cord_cervical_c-1			
	4.702078395	0.003183362	0.373134964	0.234520945	2.59744139	
	0.835127849	0.920984137	3	0	0.928971634	
ABI2	ENSG00000138443.15	0.058564867	1	1	0.058564867	
	Brain_Putamen_basal_ganglia	0.058564867	Brain_Putamen_basal_ganglia	1	1	
	1	1.891445743	1.891445743	1.891445743	NA	1
	0.928971634					0
OPCML	ENSG00000183715.13	0.058576003	2	2	0.022769982	
	Brain_Caudate_basal_ganglia	0.454831254	Brain_Cerebellar_Hemisphere			
	1.021224605	0.978775395	0.978775395	0.747384906	2.277272099	
	1.512328502	1.081793608	2	0	0.928971634	
SPRR3	ENSG00000163209.14	0.058632825	1	1	0.058632825	
	Brain_Anterior_cingulate_cortex_BA24	0.058632825				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.890936472	
	-1.890936472	-1.890936472	NA	1	0	0.928971634
RFXANK	ENSG00000064490.13	0.058654625	1	1	0.058654625	
	Brain_Nucleus_accumbens_basal_ganglia	0.058654625				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.890773208	
	-1.890773208	-1.890773208	NA	1	0	0.928971634
NMUR2	ENSG00000132911.4	0.058703658	2	2	0.020501971	
	Brain_Frontal_Cortex_BA9	0.105448051	Brain_Cortex	1.830736205		
	0.169263795	0.169263795	1.618996338	2.317032324	1.968014331	
	0.493585979	2	0	0.928971634		
TEX15	ENSG00000133863.7	0.058780835	2	2	0.091308335	
	Brain_Caudate_basal_ganglia	0.211997303	Brain_Cortex	1.228493126		
	0.771506874	0.771506874	-1.248092177	1.688536256	0.22022204	
	2.076509879	2	0	0.928971634		
ADRB3	ENSG00000188778.5	0.05887007	2	2	0.027091589	Brain_Hippocampus
	0.354223017	Brain_Frontal_Cortex_BA9	1.019677808	0.980322192		
	0.980322192	0.926429119	2.210195612	1.568312365	0.907759993	
	2	0	0.928971634			
DPP8	ENSG00000074603.18	0.058881492	2	2	0.017588745	
	Brain_Spinal_cord_cervical_c-1	0.935235721	Brain_Cerebellum	1.035960206		
	0.964039794	0.964039794	-2.374163822	-0.081259325	-1.227711574	
	1.621328319	2	0	0.928971634		

RBBP5	ENSG00000117222.13	0.058882761	6	4	0.003331324	Brain_Cerebellum
	0.406001184	Brain_Spinal_cord_cervical_c-1			3.733719889	0.027474165
	0.267919351	0.830951225	2.935386549		2.023150748	0.8104669 4
	0	0.928971634				
TAOK2	ENSG00000149930.17	0.05900236	2	2	0.03079282	
	Brain_Anterior_cingulate_cortex_BA24	0.409875004			Brain_Frontal_Cortex_BA9	
	1.079038303	0.920961697	0.920961697		-0.824113617	2.159739781
	0.667813082	2.109902972	2	0	0.928971634	
HIRA	ENSG00000100084.14	0.059248198	3	3	0.071474881	Brain_Cortex
	0.443960592	Brain_Spinal_cord_cervical_c-1			1.435414567	0.556873198
	0.556873198	-0.860587252	1.802448433		0.058779627	1.510809391
	3	0	0.928971634			
ENGASE	ENSG00000167280.16	0.059427285	7	6	0.112505233	
	Brain_Frontal_Cortex_BA9	0.573144887			Brain_Putamen_basal_ganglia	
	4.608960154	0.021337473	0.157529117		-1.587032724	1.068888339
	-0.699937691	0.860914141	6	0	0.928971634	
C16orf89	ENSG00000153446.15	0.059454918	1	1	0.059454918	
	Brain_Cerebellar_Hemisphere	0.059454918			Brain_Cerebellar_Hemisphere1	1
	1	-1.884814264	-1.884814264	-1.884814264	NA	1 0
	0.928971634					
C17orf62	ENSG00000178927.17	0.059629391	10	3	0.075129343	
	Brain_Frontal_Cortex_BA9	0.614146339			Brain_Hippocampus	8.435954867
	0.000114251	0.471594692	-0.504163711		1.77967391	1.097265589
	0.628648167	3	0	0.928971634		
EXOC3	ENSG00000180104.15	0.059669979	13	6	0.015585455	
	Brain_Caudate_basal_ganglia	0.963621892			Brain_Putamen_basal_ganglia	
	8.186669927	0.014664041	0.353395492		-0.584383831	2.418481114
	0.465047624	0.899846824	6	0	0.928971634	
NPTXR	ENSG00000221890.3	0.05979547	2	2	0.135391413	Brain_Cerebellum
	0.197446655	Brain_Caudate_basal_ganglia	1.311134771		0.688865229	
	0.688865229	-1.288860308	1.493174892		0.102157292	1.967195956
	2	0	0.928971634			
RP11-77K12.10	ENSG00000273971.1	0.059852831	1	1	0.059852831	
	Brain_Putamen_basal_ganglia	0.059852831			Brain_Putamen_basal_ganglia1	1
	1	-1.88187617	-1.88187617	-1.88187617	NA	1 0
	0.928971634					
VPS13B	ENSG00000132549.18	0.05996898	1	1	0.05996898	
	Brain_Cerebellar_Hemisphere	0.05996898			Brain_Cerebellar_Hemisphere1	1 1 1
	-1.881021603	-1.881021603	-1.881021603		NA	1 0 0.928971634
RP11-567C2.1	ENSG00000257194.2	0.059975998	4	4	0.05702996	
	Brain_Cerebellar_Hemisphere	0.435880445			Brain_Nucleus_accumbens_basal_ganglia	
	2.490283103	0.084358565	0.084358565		-1.119679451	1.903081129
	0.328102628	1.501468851	4	0	0.928971634	
CEP70	ENSG00000114107.8	0.060209666	1	1	0.060209666	Brain_Cortex
	0.060209666	Brain_Cortex	1	1	1	1.879255121
	1.879255121	NA	1	0	0.928971634	1.879255121
VKORC1	ENSG00000167397.14	0.060245332	3	3	0.030144832	
	Brain_Cortex	0.71480625	Brain_Frontal_Cortex_BA9		1.961192862	
	0.415917561	0.415917561	-2.168182124		0.365408832	-1.142826742
	1.33403551	3	0	0.928971634		
SEMA5B	ENSG00000082684.14	0.060322315	6	6	0.048088683	
	Brain_Cortex	0.865955015			Brain_Frontal_Cortex_BA9	2.034878091
	0.390203204	0.390203204	-1.976583904		0.714577984	-0.457258675
	1.142802977	6	0	0.928971634		
RP11-259K5.1	ENSG00000271653.1	0.060341966	1	1	0.060341966	
	Brain_Hippocampus	0.060341966			Brain_Hippocampus	1 1 1
	-1.87828662	-1.87828662	-1.87828662		NA	1 0 0.928971634
KATNAL2	ENSG00000167216.16	0.060347369	3	3	0.020435269	
	Brain_Putamen_basal_ganglia	0.885153187			Brain_Nucleus_accumbens_basal_ganglia	
	1.59470131	0.565999011	0.565999011		-0.144439804	2.318258643
	1.197901467	1.246265868	3	0	0.928971634	
LIN7B	ENSG00000104863.11	0.060451594	3	3	0.014666965	Brain_Cortex

	0.792080244	Brain_Cerebellar_Hemisphere	1.67019507	0.648565171				
	0.648565171	-0.26361027	2.440499536	0.928730401	1.380064625			
	3	0	0.928971634					
ZNF417	ENSG00000173480.10	0.060561399	11	7	0.033868459			
	Brain_Hippocampus	0.97608986	Brain_Frontal_Cortex_BA9	6.443779275				
	0.051429114	0.397885511	-2.12163431	1.296340427	-0.550028038			
	1.014867958	7	0	0.928971634				
PPM1F	ENSG00000100034.13	0.060589003	7	5	0.013765227			
	Brain_Nucleus_accumbens_basal_ganglia	0.831858019	Brain_Cerebellum					
	3.873063577	0.006683771	0.271942957	0.212319198	2.463332319			
	1.243740261	0.947833325	5	0	0.928971634			
KCND3	ENSG00000171385.9	0.060608929	1	1	0.060608929			
	Brain_Substantia_nigra	0.060608929	Brain_Substantia_nigra	1	1			
	1	1.87633766	1.87633766	1.87633766	NA	1	0	0.928971634
FOXS1	ENSG00000179772.7	0.060782688	2	2	0.460002975	Brain_Cerebellum		
	0.747149332	Brain_Caudate_basal_ganglia	1.898632867	0.101367133				
	0.101367133	-0.738841951	0.322400465	-0.208220743	0.750411708			
	2	0	0.928971634					
EFCAB13	ENSG00000178852.15	0.06109238	13	6	0.002471741			
	Brain_Hypothalamus	0.507144571	Brain_Caudate_basal_ganglia	8.293727747				
	0.007847353	0.28763634	0.66329042	3.026779561	2.000762221			
	0.718369379	6	0	0.928971634				
KCNJ3	ENSG00000162989.4	0.061095501	7	4	0.072117776			
	Brain_Frontal_Cortex_BA9	0.642937705	Brain_Amygdala	5.239643981				
	0.012616425	0.187860257	-0.733588502	1.798373902	0.129145042			
	0.944354752	4	0	0.928971634				
RBM18	ENSG00000119446.13	0.061160878	2	2	0.023669161	Brain_Amygdala		
	0.45649753	Brain_Caudate_basal_ganglia	1.026279805	0.973720195				
	0.973720195	-0.744626522	2.262457357	0.758915418	2.126329403			
	2	0	0.928971634					
RAC3	ENSG00000169750.8	0.061160941	3	3	0.040629587			
	Brain_Putamen_basal_ganglia	0.228820699	Brain_Nucleus_accumbens_basal_ganglia					
	1.399784104	0.46689659	0.46689659	-2.047290325	1.289305926			
	0.148472616	1.90207151	3	0	0.928971634			
STRA6	ENSG00000137868.18	0.061337106	2	2	0.019333842			
	Brain_Hippocampus	0.500267881	Brain_Cortex	1.146861096				
	0.853138904	0.853138904	-2.339030758	-0.674068317	-1.506549538			
	1.177306233	2	0	0.928971634				
CLIP3	ENSG00000105270.14	0.061341901	1	1	0.061341901			
	Brain_Caudate_basal_ganglia	0.061341901	Brain_Caudate_basal_ganglia	1	1			
	1	1.87102294	1.87102294	1.87102294	NA	1	0	0.928971634
STIP1	ENSG00000168439.16	0.061362165	4	4	0.012652436			
	Brain_Nucleus_accumbens_basal_ganglia	0.856873629	Brain_Amygdala					
	1.446871255	0.604018179	0.604018179	0.18035532	2.49340522			
	1.450280666	1.051094413	4	0	0.928971634			
NPY1R	ENSG00000164128.6	0.061410815	1	1	0.061410815			
	Brain_Hypothalamus	0.061410815	Brain_Hypothalamus	1	1	1		
	-1.870525961	-1.870525961	-1.870525961	NA	1	0	0.928971634	
RP11-1055B8.10	ENSG00000274833.1	0.061467621	2	2	0.062144232			
	Brain_Cerebellar_Hemisphere	0.472598427	Brain_Cerebellum	1.824554508				
	0.175445492	0.175445492	0.718257666	1.865265263	1.291761465			
	0.81105685	2	0	0.928971634				
BRD2	ENSG00000204256.12	0.06150519	7	5	0.046870799			
	Brain_Anterior_cingulate_cortex_BA24	0.871624656	Brain_Frontal_Cortex_BA9					
	4.056581207	0.001757917	0.173300044	-1.987465832	1.293918747			
	0.108700931	1.418184582	5	0	0.928971634			
ANKRD31	ENSG00000145700.9	0.061510284	2	2	0.04630218	Brain_Cortex		
	0.15216121	Brain_Hypothalamus	1.084820341	0.915179659	0.915179659			
	-1.431939244	1.99262815	0.280344453	2.421534827	2	0		
	0.928971634							
KCNK7	ENSG00000173338.12	0.061532303	3	2	0.03589808	Brain_Hypothalamus		
	0.589835925	Brain_Caudate_basal_ganglia	2.640683726	0.046761718				

	0.312554556	-2.098079989	-0.539073811	-1.249155997	0.78872229	2
	0	0.928971634				
L3MBTL3	ENSG00000198945.7	0.061744943	5	5	0.012479795	
	Brain_Cortex	0.805273351	Brain_Spinal_cord_cervical_c-1	2.282602235		
	0.312711608	0.312711608	-0.246528234	2.498278955	1.511553591	
	1.208242755	5	0	0.928971634		
TSPAN4	ENSG00000214063.10	0.061791547	6	6	0.11109676	
	Brain_Nucleus_accumbens_basal_ganglia	0.930765091	Brain_Cerebellum			
	2.613530759	0.285128199	0.285128199	-1.201729461	1.593282817	
	0.18227495	1.123053694	6	0	0.928971634	
ENPP4	ENSG00000001561.6	0.061829339	7	5	0.203293273	Brain_Cerebellum
	0.988785354	Brain_Caudate_basal_ganglia	5.255912758	0.021520502		
	0.228767392	-1.272224759	0.429015882	-0.287232299	0.645060919	
	5	0	0.928971634			
RGS22	ENSG00000132554.19	0.061849117	1	1	0.061849117	
	Brain_Hippocampus	0.061849117	Brain_Hippocampus	1	1	1
	-1.867375874	-1.867375874	-1.867375874	NA	1	0
	0.928971634					
RP11-347I19.7	ENSG00000274292.1	0.061869973	8	2	0.010169088	
	Brain_Cerebellar_Hemisphere	0.170251127	Brain_Putamen_basal_ganglia			
	7.187980498	0.003093209	0.600807401	1.371397336	2.570025993	
	2.202801419	0.363351752	2	0	0.928971634	
RP6-102O10.1	ENSG00000227935.1	0.061900345	2	2	0.020182254	
	Brain_Cerebellum	0.027719433	Brain_Cerebellar_Hemisphere	1.856394292		
	0.143605708	0.143605708	-2.322942266	-2.201234417	-2.262088342	
	0.086060446	2	0	0.928971634		
SAA4	ENSG00000148965.9	0.061921775	1	1	0.061921775	
	Brain_Anterior_cingulate_cortex_BA24	0.061921775				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.866855462	
	-1.866855462	-1.866855462	NA	1	0	0.928971634
SYPL2	ENSG00000143028.8	0.06201333	3	2	0.037749138	Brain_Cortex
	0.205892931	Brain_Cerebellum	2.818799897	0.030216421	0.150983682	
	-2.077568308	-1.264939737	-1.538329711	0.467009546	2	0
	0.928971634					
LCK	ENSG00000182866.16	0.062104519	1	1	0.062104519	
	Brain_Cerebellar_Hemisphere	0.062104519	Brain_Cerebellar_Hemisphere	1	1	
	1	-1.865548794	-1.865548794	-1.865548794	NA	1
	0.928971634					
RP11-16L9.2	ENSG00000225172.5	0.062136537	1	1	0.062136537	
	Brain_Nucleus_accumbens_basal_ganglia	0.062136537				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.86532019	1.86532019
	1.86532019	NA	1	0	0.928971634	
RIMS3	ENSG00000117016.9	0.062193503	1	1	0.062193503	
	Brain_Nucleus_accumbens_basal_ganglia	0.062193503				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.864913689	
	-1.864913689	-1.864913689	NA	1	0	0.928971634
SEC23IP	ENSG00000107651.12	0.062269615	1	1	0.062269615	
	Brain_Caudate_basal_ganglia	0.062269615	Brain_Caudate_basal_ganglia	1	1	
	1	-1.864371053	-1.864371053	-1.864371053	NA	1
	0.928971634					
GUCY2D	ENSG00000132518.6	0.062270005	2	2	0.038660763	
	Brain_Caudate_basal_ganglia	0.271260873	Brain_Putamen_basal_ganglia			
	1.014359792	0.985640208	0.985640208	-2.067779494	-1.10016354	
	-1.583971517	0.684207803	2	0	0.928971634	
LRP12	ENSG00000147650.11	0.062299786	3	3	0.007595366	Brain_Cerebellum
	0.073610329	Brain_Cerebellar_Hemisphere	2.562242733	0.190306011		
	0.190306011	-2.669546902	-1.789027857	-2.204243057	0.442391344	
	3	0	0.928971634			
ARPC4	ENSG00000241553.12	0.062348133	1	1	0.062348133	
	Brain_Cerebellar_Hemisphere	0.062348133	Brain_Cerebellar_Hemisphere	1	1	
	1	1.863811838	1.863811838	1.863811838	NA	1
	0.928971634					
RP11-486G15.2	ENSG00000271576.1	0.062432714	2	2	0.021892531	

	Brain_Cerebellar_Hemisphere	0.5836914	Brain_Cortex	1.449965456		
	0.550034544	0.550034544	0.548000733	2.292227293	1.420114013	
	1.233354429	2	0	0.928971634		
LINC00290	ENSG00000248197.1	0.06252893	6	5	0.02813745	Brain_Cortex
	0.434382857	Brain_Hippocampus	3.158142634	0.040998346		
	0.306914936	-0.850186263	2.195364654	1.1002467	1.060621511	5
	0	0.928971634				
COG4	ENSG00000103051.18	0.06259392	8	7	0.003604341	
	Brain_Caudate_basal_ganglia	0.687449574	Brain_Cortex	3.204270796		
	0.000134377	0.200608461	-2.910861217	0.879893437	-1.567892827	
	1.498890868	7	0	0.928971634		
ALAD	ENSG00000148218.15	0.062604004	7	7	0.011020783	
	Brain_Spinal_cord_cervical_c-1	0.824088909	Brain_Cerebellum	1.904313371		
	0.302014054	0.302014054	-1.285391235	2.542039146	0.711548972	
	1.249843304	7	0	0.928971634		
OAZ1	ENSG00000104904.12	0.062644454	2	2	0.022201667	
	Brain_Spinal_cord_cervical_c-1	0.561782365	Brain_Cortex	1.009998224		
	0.990001776	0.990001776	-0.580196127	2.286899894	0.853351884	
	2.027343039	2	0	0.928971634		
ATF7IP2	ENSG00000166669.13	0.06279937	4	4	0.030080186	
	Brain_Caudate_basal_ganglia	0.78544043	Brain_Nucleus_accumbens_basal_ganglia			
	2.872180519	0.103488506	0.103488506	-0.462727798	2.169032902	
	0.843135525	1.167998504	4	0	0.928971634	
RP11-157J24.2	ENSG00000272279.1	0.062835043	13	4	0.183216407	
	Brain_Spinal_cord_cervical_c-1	0.937014442	Brain_Cerebellar_Hemisphere			
	10.04017144	8.43E-05	0.376917998	-1.330916744	0.806360019	
	-0.13628609	0.716443393	4	0	0.928971634	
PCYT1A	ENSG00000161217.11	0.062990401	8	6	0.057199846	
	Brain_Frontal_Cortex_BA9	0.939546623	Brain_Cerebellar_Hemisphere			
	4.131891803	8.08E-05	0.172487989	-0.426295045	1.901780583	
	0.797768569	1.137517068	6	0	0.928971634	
C8orf48	ENSG00000164743.4	0.06300209	1	1	0.06300209	
	Brain_Nucleus_accumbens_basal_ganglia	0.06300209				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.859176743	
	1.859176743	1.859176743	NA	1	0	0.928971634
NDUFS3	ENSG00000213619.9	0.063010372	3	2	0.186477147	
	Brain_Cerebellar_Hemisphere	0.837329039	Brain_Cerebellum	2.578011675		
	0.066693704	0.355294621	-0.519946726	1.321072633	0.198604922	
	0.984733065	2	0	0.928971634		
LINC00320	ENSG00000224924.6	0.063076779	12	2	0.035832988	
	Brain_Anterior_cingulate_cortex_BA24	0.860220646	Brain_Cerebellum			
	10.49825193	0.002214505	0.520465185	-2.098817539	-0.176093298	
	-1.312125014	0.464007011	2	0	0.928971634	
STRADA	ENSG00000266173.6	0.063201647	5	5	0.018137744	
	Brain_Hippocampus	0.868939792	Brain_Substantia_nigra	2.189957073		
	0.194565456	0.194565456	-2.36279409	0.665783538	-0.553740568	
	1.121753866	5	0	0.928971634		
IMPACT	ENSG00000154059.9	0.063232719	2	2	0.020582341	
	Brain_Hypothalamus	0.140254625	Brain_Frontal_Cortex_BA9	1.485924326		
	0.514075674	0.514075674	-2.315559345	-1.474843491	-1.895201418	
	0.594475881	2	0	0.928971634		
LINC00294	ENSG00000280798.1	0.063323245	6	3	0.064066076	
	Brain_Hippocampus	0.692124884	Brain_Spinal_cord_cervical_c-1			
	4.127968873	0.01946189	0.674852682	-1.671182718	1.851719751	
	0.658776669	1.40586402	3	0	0.928971634	
HPX	ENSG00000110169.10	0.063430093	4	4	0.044935845	
	Brain_Hypothalamus	0.656843167	Brain_Cerebellum	1.471383491		
	0.611748633	0.611748633	-2.005254511	1.841126445	0.429321763	
	1.725907864	4	0	0.928971634		
LA16c-325D7.2	ENSG00000263280.1	0.063507122	13	1	0.035611208	
	Brain_Cerebellar_Hemisphere	0.168638896	Brain_Cortex	11.9810621		
	0.002972111	11.9810621	1.376590479	2.101339114	1.782504022	

SH3YL1	0.239600279	1	0	0.928971634					
	ENSG00000035115.21			0.063535429	4	4	0.004702836		
	Brain_Nucleus_accumbens_basal_ganglia	0.997859785					Brain_Substantia_nigra		
	2.077516689	0.226284251		0.226284251			0.002682365	2.826713629	
	1.818905625	1.262877808		4	0	0.928971634			
ZNF787	ENSG00000142409.5			0.063731409	1	1	0.063731409		
	Brain_Cortex	0.063731409					Brain_Cortex	1	1
	1.85405418	1.85405418	NA	1	0	0.928971634			1.85405418
CTB-75G16.3	ENSG00000275720.1			0.063732635	10	4	0.05006158		
	Brain_Cerebellar_Hemisphere	0.757993552					Brain_Caudate_basal_ganglia		
	5.709139444	3.50E-21		0.708319163			-1.959437434	1.643620234	
	-0.737782583	1.212765824		4	0	0.928971634			
TFAP2E	ENSG00000116819.6			0.063744535	1	1	0.063744535		
	Brain_Anterior_cingulate_cortex_BA24	0.063744535							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1			-1.853962431		
	-1.853962431	-1.853962431	NA	1	0	0.928971634			
FLT3LG	ENSG00000090554.12			0.063904776	1	1	0.063904776		
	Brain_Amygdala	0.063904776					Brain_Amygdala	1	1
	1.852843619	1.852843619	NA	1	0	0.928971634			1.852843619
GPER1	ENSG00000164850.14			0.063927896	2	2	0.020356553		
	Brain_Cerebellar_Hemisphere	0.651303653					Brain_Anterior_cingulate_cortex_BA24		
	1.334918981	0.665081019		0.665081019			-2.319710317	-0.451951874	
	-1.385831096	1.320704661		2	0	0.928971634			
LGALS8	ENSG00000116977.18			0.063956798	5	4	0.006603953		
	Brain_Caudate_basal_ganglia	0.82638993					Brain_Hippocampus	2.718525153	
	0.080729082	0.347298786		-2.716182365			0.487163401	-0.887023731	
	1.334667254	4	0	0.928971634					
LINC01945	ENSG00000236485.1			0.064094409	10	10	0.018122252		
	Brain_Substantia_nigra	0.607478939					Brain_Cortex	2.333999474	
	0.376114385	0.376114385		-2.36311076			1.335791483	0.12844303	
	1.370293051	10	0	0.928971634					
HIST1H2BD	ENSG00000158373.8			0.064098073	2	2	0.025747131		
	Brain_Cortex	0.320981502					Brain_Hippocampus	1.123610672	
	0.876389328	0.876389328		0.992442938			2.230004698	1.611223818	
	0.875088313	2	0	0.928971634					
MARCKSL1	ENSG00000175130.6			0.064236887	2	2	0.0249619		
	Brain_Putamen_basal_ganglia	0.624654348					Brain_Amygdala	1.084456686	
	0.915543314	0.915543314		-2.241991841			0.489264644	-0.876363598	
	1.931289982	2	0	0.928971634					
KLRC2	ENSG00000205809.9			0.064420143	13	1	0.034139973		Brain_Cerebellum
	0.155722965	Brain_Frontal_Cortex_BA9					12.46430078	0.00129551	
	12.46430078	1.41960412		2.118414572			1.809733626	0.210019571	1
	0	0.928971634							
TOR2A	ENSG00000160404.17			0.064501056	2	2	0.37038712		Brain_Cerebellum
	0.985340975	Brain_Cerebellar_Hemisphere		1.92690023			0.07309977	0.07309977	
	-0.895748464	-0.018373396		-0.45706093			0.62039786	2	0
	0.928971634								
TBC1D30	ENSG00000111490.12			0.064536144	1	1	0.064536144		
	Brain_Amygdala	0.064536144					Brain_Amygdala	1	1
	-1.848457797	-1.848457797	NA	1	0	0.928971634			-1.848457797
NUDC	ENSG00000090273.13			0.064605102	10	4	0.025706669		
	Brain_Hypothalamus	0.995337693					Brain_Putamen_basal_ganglia	7.021944036	
	0.00412324	0.235688958		-0.231417206			2.230614598	0.546927943	
	0.711895689	4	0	0.928971634					
TIA1	ENSG00000116001.15			0.06468102	2	2	0.035146195		Brain_Amygdala
	0.169778798	Brain_Hippocampus		1.175466076			0.824533924		
	0.824533924	-2.106669996		-1.37291492			-1.739792458	0.51884319	2
	0	0.928971634							
PPIF	ENSG00000108179.13			0.064690569	2	2	0.019417584		
	Brain_Substantia_nigra	0.999368468					Brain_Spinal_cord_cervical_c-1		
	1.048623504	0.951376496		0.951376496			-2.337415606	-0.000791509	
	-1.169103557	1.652242744		2	0	0.928971634			

AP2A2	ENSG00000183020.13	0.064789625	11	6	0.008055672				
	Brain_Hypothalamus	0.629817105			Brain_Cerebellum	7.038686237			
	0.001430457	0.25822377	-2.649727476		2.036265361		-1.597048834		
	1.477856957	6	0	0.928971634					
C19orf12	ENSG00000131943.17	0.064792796	2	2	0.06597937				
	Brain_Cerebellar_Hemisphere	0.067192552			Brain_Substantia_nigra				
	1.229762911	0.770237089	0.770237089		1.830383911		1.8385638		
	1.834473855	0.005784055	2	0	0.928971634				
SULT1A4	ENSG00000213648.10	0.064848962	2	2	0.056371545				
	Brain_Spinal_cord_cervical_c-1	0.144193497			Brain_Hippocampus				
	1.057483115	0.942516885	0.942516885		1.460351493		1.908152221		
	1.684251857	0.316642931	2	0	0.928971634				
CCDC148	ENSG00000153237.17	0.06485878	5	5	0.005377565				
	Brain_Frontal_Cortex_BA9	0.725223044			Brain_Hypothalamus	2.529881604			
	0.193132403	0.193132403	-2.783501294		-0.351486973		-1.319425221		
	0.95713863	5	0	0.928971634					
MFSD6L	ENSG00000185156.5	0.064864615	1	1	0.064864615				
	Brain_Caudate_basal_ganglia	0.064864615			Brain_Caudate_basal_ganglia	1	1		
	1	-1.846190049	-1.846190049	-1.846190049	NA	1	0		
	0.928971634								
KCTD17	ENSG00000100379.17	0.064873524	1	1	0.064873524				
	Brain_Putamen_basal_ganglia	0.064873524			Brain_Putamen_basal_ganglia	1	1		
	1	1.846128675	1.846128675	1.846128675	NA	1	0		
	0.928971634								
DEF8	ENSG00000140995.16	0.065012541	5	5	0.013771675				
	Brain_Nucleus_accumbens_basal_ganglia	0.333515664			Brain_Putamen_basal_ganglia				
	2.88754707	0.145202249	0.145202249		-2.4631644	1.914798917			
	-1.178860256	1.825421599	5	0	0.928971634				
PDGFRL	ENSG00000104213.12	0.065106497	5	5	0.003019447				
	Brain_Cortex	0.907324921			Brain_Cerebellum	1.738589695	0.390300991		
	0.390300991	-2.965751159	0.626440428		-0.881974364		1.632672116		
	5	0	0.928971634						
ZBTB41	ENSG00000177888.7	0.065144227	3	3	0.031603933				
	Brain_Nucleus_accumbens_basal_ganglia	0.130524448			Brain_Hypothalamus				
	1.556444633	0.446963307	0.446963307		1.512037009		2.149384499		
	1.853881212	0.321190856	3	0	0.928971634				
GPR176	ENSG00000166073.10	0.065240699	1	1	0.065240699				
	Brain_Cerebellum	0.065240699			Brain_Cerebellum	1	1	1	1.843605187
	1.843605187	1.843605187	NA	1	0	0.928971634			
YJEFN3	ENSG00000250067.11	0.065244111	3	3	0.009357394				
	Brain_Cerebellar_Hemisphere	0.730801383			Brain_Cortex	1.767547522			
	0.248548904	0.248548904	-2.598713132		-0.344059708		-1.476192795		
	1.12735745	3	0	0.928971634					
RTP4	ENSG00000136514.2	0.065257207	6	6	0.052621908				
	Brain_Spinal_cord_cervical_c-1	0.994137755			Brain_Cerebellar_Hemisphere				
	2.65993018	0.182085538	0.182085538		-1.938010773		1.308680504		
	-0.053521679	1.096634968	6	0	0.928971634				
CENPX	ENSG00000169689.14	0.065342222	13	1	0.044783737				
	Brain_Hypothalamus	0.157095404			Brain_Frontal_Cortex_BA9	12.45558793			
	0.000204001	12.45558793	-2.006680093		-1.414908231		-1.803488628		
	0.186848007	1	0	0.928971634					
TMEM161A	ENSG00000064545.14	0.065419091	5	4	0.011529813				
	Brain_Cortex	0.370625119			Brain_Caudate_basal_ganglia	2.756768889			
	0.080322743	0.274391281	-2.526217342		-0.895303033		-1.900105507		
	0.614542607	4	0	0.928971634					
TMC6	ENSG00000141524.15	0.065461489	4	4	0.034103097				
	Brain_Hippocampus	0.991463289			Brain_Caudate_basal_ganglia	2.624522345			
	0.147645775	0.147645775	-1.183088073		2.118850581		0.451950976		
	1.392145942	4	0	0.928971634					
SCARA3	ENSG00000168077.13	0.065548639	1	1	0.065548639				
	Brain_Frontal_Cortex_BA9	0.065548639			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.841497822	-1.841497822	-1.841497822	NA	1	0		

0.928971634

B3GNTL1 ENSG00000175711.8 0.06559904 12 8 0.003010386
Brain_Putamen_basal_ganglia 0.506319525 Brain_Spinal_cord_cervical_c-1
7.274949454 0.08447498 0.281800339 -2.966675428 -0.664579437
-1.970897738 0.711003617 8 0 0.928971634

CLEC4G ENSG00000182566.13 0.065616876 6 6 0.008717647
Brain_Nucleus_accumbens_basal_ganglia 0.990742094 Brain_Cerebellum
1.884272317 0.173645362 0.173645362 -2.622932766 0.659169465
-0.878664945 1.355568671 6 0 0.928971634

ACMSD ENSG00000153086.13 0.065698323 1 1 0.065698323
Brain_Cerebellar_Hemisphere 0.065698323 Brain_Cerebellar_Hemisphere1 1
1 1.840476419 1.840476419 1.840476419 NA 1 0
0.928971634

COPS8 ENSG00000198612.10 0.065760018 1 1 0.065760018
Brain_Frontal_Cortex_BA9 0.065760018 Brain_Frontal_Cortex_BA9 1 1
1 1.840055988 1.840055988 1.840055988 NA 1 0
0.928971634

LINC01976 ENSG00000261514.1 0.065923482 1 1 0.065923482
Brain_Frontal_Cortex_BA9 0.065923482 Brain_Frontal_Cortex_BA9 1 1
1 -1.838943598 -1.838943598 -1.838943598 NA 1 0
0.928971634

PRSS36 ENSG00000178226.10 0.065925162 11 1 0.028904304
Brain_Amygdala 0.172947449 Brain_Hippocampus 10.7381063 0.00033989
10.7381063 1.36279398 2.184789228 1.817644257 0.227461194 1 0
0.928971634

CCT6B ENSG00000132141.13 0.06600554 11 5 0.127729072
Brain_Putamen_basal_ganglia 0.888915022 Brain_Anterior_cingulate_cortex_BA24
8.063293904 0.003094608 0.328812397 -1.523118455 1.065099639
-0.474222676 0.665485225 5 0 0.928971634

YAF2 ENSG00000015153.14 0.066091379 2 2 0.030353973
Brain_Caudate_basal_ganglia 0.370852857 Brain_Anterior_cingulate_cortex_BA24
1.014890007 0.985109993 0.985109993 -2.16544043 0.894876974
-0.635281728 2.163971189 2 0 0.928971634

LINC00184 ENSG00000224939.1 0.066122905 11 9 0.011105585
Brain_Putamen_basal_ganglia 0.896581335 Brain_Hippocampus 4.703515057
0.02440998 0.176230187 -2.539358854 0.915095706 -0.334230458
1.08510219 9 0 0.928971634

RXFP4 ENSG00000173080.5 0.066139894 1 1 0.066139894 Brain_Cerebellum
0.066139894 Brain_Cerebellum 1 1 1 1.837474391 1.837474391
1.837474391 NA 1 0 0.928971634

LINC02082 ENSG00000242268.2 0.066263192 2 2 0.022404675
Brain_Nucleus_accumbens_basal_ganglia 0.119360846 Brain_Caudate_basal_ganglia
1.507434392 0.492565608 0.492565608 -2.283436396 -1.557461956
-1.920449176 0.51334145 2 0 0.928971634

RHCE ENSG00000188672.17 0.066326025 13 2 0.05211985
Brain_Substantia_nigra 0.978899031 Brain_Cortex 12.13062655
0.000738591 0.557223412 -1.942142515 0.026449227 -1.550757335
0.487945293 2 0 0.928971634

ZC3H13 ENSG00000123200.16 0.066398397 1 1 0.066398397
Brain_Cerebellum 0.066398397 Brain_Cerebellum 1 1 1 -1.835724605
-1.835724605 -1.835724605 NA 1 0 0.928971634

RSF1 ENSG00000048649.13 0.066463865 1 1 0.066463865
Brain_Cerebellar_Hemisphere 0.066463865 Brain_Cerebellar_Hemisphere 1 1
1 -1.835282346 -1.835282346 -1.835282346 NA 1 0
0.928971634

SUCLA2 ENSG00000136143.14 0.066484899 6 3 0.007738429
Brain_Cerebellar_Hemisphere 0.090416538 Brain_Frontal_Cortex_BA9
4.795065141 0.020899419 0.212987374 -2.663274365 -1.693204556
-2.297666265 0.351911693 3 0 0.928971634

C8orf58 ENSG00000241852.9 0.066518621 8 4 0.066803836
Brain_Cerebellum 0.963169776 Brain_Hypothalamus 6.524162622
0.004956169 0.233880484 -0.046176245 1.832991495 1.239722492

	0.586599338	4	0	0.928971634					
CERKL	ENSG00000188452.13		0.066530047	1	1	0.066530047			
	Brain_Cerebellar_Hemisphere		0.066530047			Brain_Cerebellar_Hemisphere1	1		
	1	-1.834835634	-1.834835634	-1.834835634	NA	1	0		
	0.928971634								
RGS12	ENSG00000159788.18		0.066709424	6	6	0.011499206		Brain_Cortex	
	0.788734437		Brain_Cerebellar_Hemisphere	2.746888985		0.096666363			
	0.096666363	-2.527150959	-0.75842761	-0.380394585		1.357612153			6
	0	0.928971634							
SLC51A	ENSG00000163959.9		0.06680607	12	4	0.005920781			
	Brain_Spinal_cord_cervical_c-1		0.19803667			Brain_Substantia_nigra			
	9.870671717	1.59E-05	0.347089992			-2.752136633		-1.287165326	
	-2.05218542	0.394495411		4	0	0.928971634			
APOE	ENSG00000130203.9		0.066829707	1	1	0.066829707			
	Brain_Spinal_cord_cervical_c-1		0.066829707			Brain_Spinal_cord_cervical_c-1			
	1	1	-1.832817559	-1.832817559		-1.832817559	NA	1	0
	0.928971634								
MIER2	ENSG00000105556.11		0.066832631	2	2	0.065655462			
	Brain_Spinal_cord_cervical_c-1		0.764268825			Brain_Cortex		1.708306743	
	0.291693257	0.291693257	-1.840768694			-0.299879823		-1.070324259	
	1.08957297	2	0	0.928971634					
RP11-700H6.1	ENSG00000247011.2		0.06692527	2	1	0.057872331			
	Brain_Spinal_cord_cervical_c-1		0.084534783			Brain_Caudate_basal_ganglia			
	1.953630204	0.046369796	1.953630204			-1.896663751		-1.724959437	
	-1.810811594	0.121413285		1	0	0.928971634			
CYP20A1	ENSG00000119004.15		0.066934601	1	1	0.066934601			
	Brain_Frontal_Cortex_BA9		0.066934601			Brain_Frontal_Cortex_BA9	1	1	
	1	1.832112908	1.832112908	1.832112908	NA	1	0		
	0.928971634								
SAMD1	ENSG00000141858.11		0.066940487	2	2	0.032844525			
	Brain_Cerebellar_Hemisphere		0.3136945			Brain_Nucleus_accumbens_basal_ganglia			
	1.039398774	0.960601226	0.960601226			1.00750012		2.133978696	
	1.570739408	0.79654064	2	0	0.928971634				
ZFP91	ENSG00000186660.14		0.066964231	2	2	0.068224837			
	Brain_Caudate_basal_ganglia		0.083521478			Brain_Spinal_cord_cervical_c-1			
	1.169180941	0.830819059	0.830819059			1.730609266		1.823518898	
	1.777064082	0.065697031		2	0	0.928971634			
ABLIM1	ENSG00000099204.18		0.066964424	2	2	0.092070508			
	Brain_Substantia_nigra		0.108670862			Brain_Cerebellum	1.000750203		
	0.999249797	0.999249797	-1.604195974			1.684575465		0.040189745	
	2.325512587	2	0	0.928971634					
BACH1	ENSG00000156273.15		0.067000978	2	2	0.033000607			
	Brain_Anterior_cingulate_cortex_BA24		0.365541235						
	Brain_Spinal_cord_cervical_c-1		1.010619021			0.989380979		0.989380979	
	-0.904856839	2.132075908	0.613609534			2.14743574	2	0	
	0.928971634								
ARHGEF10	ENSG00000104728.15		0.067118887	7	6	0.131424863			
	Brain_Hypothalamus		0.948312796			Brain_Caudate_basal_ganglia	2.93193654		
	0.000125453	0.254442641	-0.87275149			1.508506819		0.40202576	
	0.884056456	6	0	0.928971634					
NUDT17	ENSG00000186364.11		0.067127589	3	2	0.058830573			
	Brain_Anterior_cingulate_cortex_BA24		0.174658634			Brain_Hypothalamus			
	2.000038479	1.70E-16	0.999961521			1.357385874		1.889457345	
	1.540580924	0.302262717		2	0	0.928971634			
ARAP2	ENSG00000047365.11		0.067128177	2	2	0.1526499		Brain_Cortex	
	0.244619588		Brain_Spinal_cord_cervical_c-1	1.374347278		0.625652722			
	0.625652722	-1.430233895	1.163517535			-0.13335818		1.834059225	
	2	0	0.928971634						
PSMA6	ENSG00000100902.10		0.067320923	1	1	0.067320923			
	Brain_Cerebellar_Hemisphere		0.067320923			Brain_Cerebellar_Hemisphere1	1	1	
	1	1.829525497	1.829525497	1.829525497	NA	1	0		
	0.930718416								

PARK7	ENSG00000116288.12	0.067527724	4	4	0.06933594				
	Brain_Putamen_basal_ganglia	0.636388444			Brain_Hippocampus	1.471117583			
	0.518495358	0.518495358	-1.816224508		0.758828401	-0.770208598			
	1.173275217	4	0	0.931227594					
TNFSF4	ENSG00000117586.10	0.067557794	2	2	0.035173718				
	Brain_Nucleus_accumbens_basal_ganglia	0.616666615			Brain_Cerebellum				
	1.214936296	0.785063704	0.785063704		-0.500580179	2.106352803			
	0.802886312	1.84337999	2	0	0.931227594				
TUBAL3	ENSG00000178462.11	0.067624796	2	2	0.530095468				
	Brain_Frontal_Cortex_BA9	0.53016973			Brain_Cerebellar_Hemisphere	1.85368616			
	0.14631384	0.14631384	-0.62774694		0.627860289	5.67E-05	0.887848386		
	2	0	0.931227594						
RASL10A	ENSG00000100276.9	0.067824426	4	3	0.033732114				
	Brain_Putamen_basal_ganglia	0.3124456			Brain_Cerebellum	3.60374835	0.057937147		
	0.122900874	-2.123259483	-1.01010372		-1.547238124	0.552773559			
	3	0	0.931227594						
RP11-111M22.4	ENSG00000272301.1	0.067938337	1	1	0.067938337				
	Brain_Substantia_nigra	0.067938337			Brain_Substantia_nigra	1	1		
	1	-1.825415597	-1.825415597		-1.825415597	NA	1	0	
	0.931227594								
SLC25A29	ENSG00000197119.12	0.067946175	3	2	0.015356404				
	Brain_Cerebellar_Hemisphere	0.211393016			Brain_Cortex	2.304050117			
	0.033389288	0.662560595	-2.423862849		-1.249744171	-1.945344263			
	0.616426761	2	0	0.931227594					
CENPBD1	ENSG00000177946.5	0.067960505	4	4	0.020031282				
	Brain_Cerebellar_Hemisphere	0.159273198			Brain_Frontal_Cortex_BA9				
	2.239967721	0.301828315	0.301828315		-2.325761422	-1.407520178			
	-1.866242843	0.446437635	4	0	0.931227594				
RP11-111M22.2	ENSG00000179240.9	0.067974088	1	1	0.067974088				
	Brain_Cortex	0.067974088			Brain_Cortex	1	1	1	1.825178561
	1.825178561	1.825178561	NA	1	0	0.931227594			
EVA1B	ENSG00000142694.6	0.068053402	3	3	0.022116884				
	Brain_Caudate_basal_ganglia	0.942402121			Brain_Cerebellum	1.517836781			
	0.514970837	0.514970837	-2.288354515		-0.072251048	-1.090907624			
	1.118817736	3	0	0.931227594					
GPR27	ENSG00000170837.2	0.068074846	4	4	0.018344724				
	Brain_Cortex				Brain_Cortex				
	0.697079641	Brain_Nucleus_accumbens_basal_ganglia	1.997304332		0.46894492				
	0.46894492	-1.235504615	2.358585682		0.514700192	1.469679409		4	
	0	0.931227594							
11-Mar	ENSG00000183654.8	0.068089903	1	1	0.068089903				
	Brain_Hypothalamus	0.068089903			Brain_Hypothalamus	1	1	1	
	1.824411381	1.824411381	1.824411381		NA	1	0	0.931227594	
USP42	ENSG00000106346.11	0.068163809	1	1	0.068163809				
	Brain_Spinal_cord_cervical_c-1	0.068163809			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.823922368	-1.823922368	-1.823922368	NA	1	0
	0.931327987								
LNPEP	ENSG00000113441.15	0.068233454	2	2	0.034503441				
	Brain_Substantia_nigra	1.067678124			0.932321876				
	0.932321876	-0.803458316	2.114138482		0.655340083	2.063052481			
	2	0	0.93137						
DTX2	ENSG00000091073.19	0.068371528	4	4	0.011217559				
	Brain_Putamen_basal_ganglia	0.286181039			Brain_Cortex	2.442263347			
	0.186314251	0.186314251	1.066536829		2.535847443	1.611504377			
	0.641293606	4	0	0.932345077					
IL32	ENSG00000008517.16	0.068507722	6	6	0.002667754				
	Brain_Substantia_nigra	0.898930697			Brain_Cortex	1.248024128			
	0.718440164	0.718440164	0.127012257		3.003634691	1.093149624			
	1.07543934	6	0	0.933292638					
LMO2	ENSG00000135363.11	0.068837315	1	1	0.068837315				
	Brain_Hippocampus	0.068837315			Brain_Hippocampus	1	1	1	
	-1.819486009	-1.819486009	-1.819486009		NA	1	0	0.936870505	
CCDC112	ENSG00000164221.12	0.068946921	1	1	0.068946921				

	Brain_Cerebellum	0.068946921		Brain_Cerebellum1	1	1	1.818767417
		1.818767417		NA	1	0	0.937289328
RP11-543C4.1	ENSG00000247970.2		0.06901057	2	2	0.024199708	
	Brain_Hypothalamus	0.46732449		Brain_Cortex	1.094361532		0.905638468
		0.905638468	-0.726839162	2.253943726	0.763552282		2.107731793
		2	0	0.937289328			
PPP1CC	ENSG00000186298.11		0.069114266	2	2	0.276569305	
	Brain_Putamen_basal_ganglia	0.494430709		Brain_Caudate_basal_ganglia			
		1.703767746	0.296232254	0.296232254	-0.683278766		1.088058451
		0.202389843	1.252524557	2	0	0.937289328	
SLC25A12	ENSG00000115840.13		0.069136058	8	4	0.017012211	
	Brain_Hippocampus	0.524526133		Brain_Hypothalamus	6.388198911		
		0.007560682	0.219445034	-2.386443713	-0.636384053		-1.566323168
		0.512998677	4	0	0.937289328		
KLHDC8B	ENSG00000185909.14		0.069287312	1	1	0.069287312	
	Brain_Cerebellum	0.069287312		Brain_Cerebellum1	1	1	1.816541734
		1.816541734	1.816541734	NA	1	0	0.937965237
RANBP2	ENSG00000153201.15		0.069320476	1	1	0.069320476	
	Brain_Amygdala	0.069320476		Brain_Amygdala	1	1	1.816325366
		1.816325366	1.816325366	NA	1	0	0.937965237
TMC8	ENSG00000167895.14		0.069606539	6	5	0.016969656	
	Brain_Anterior_cingulate_cortex_BA24	0.969670222		Brain_Amygdala			
		2.880869477	0.058641393	0.196057756	-0.038021899		2.387364524
		0.875102873	0.947624812	5	0	0.937965237	
NUDT5	ENSG00000165609.12		0.069759213	5	4	0.016824379	Brain_Cerebellum
		0.698319843		Brain_Nucleus_accumbens_basal_ganglia	3.020190449		
		0.033555942	0.213993095	-2.390523365	-0.387589496		-1.183936593
		0.782879132	4	0	0.937965237		
IQCG	ENSG00000114473.13		0.069985999	8	5	0.039782365	
	Brain_Spinal_cord_cervical_c-1	0.795137216		Brain_Cortex	5.509720881		
		0.040708827	0.201282871	-0.496137701	2.056001573		0.412057021
		0.85624368	5	0	0.937965237		
ASCC1	ENSG00000138303.17		0.069997737	1	1	0.069997737	
	Brain_Caudate_basal_ganglia	0.069997737		Brain_Caudate_basal_ganglia1	1	1	
		1	1.811925315	1.811925315	1.811925315	NA	1
		0.937965237			0		
TNFRSF1A	ENSG00000067182.7		0.070008813	2	2	0.157776969	
	Brain_Caudate_basal_ganglia	0.162601864		Brain_Cerebellum1	1.258177528		
		0.741822472	0.741822472	-1.412587762	1.396374121		-0.00810682
		1.986235996	2	0	0.937965237		
C9orf142	ENSG00000148362.10		0.070121782	4	4	0.004207461	
	Brain_Cortex	0.814471084		Brain_Cerebellum1	1.115511963		0.883064658
		0.883064658	-0.694013178	2.862173819	0.752239	1.509161259	4
		0	0.937965237				
KMT5C	ENSG00000133247.13		0.070210487	3	3	0.072222718	
	Brain_Cerebellar_Hemisphere	0.722258033		Brain_Cerebellum1	1.505577944		
		0.47376833	0.47376833	-1.615846014	1.797711626	0.17910274	1.713597313
		3	0	0.937965237			
SLC26A2	ENSG00000155850.7		0.070291333	2	2	0.045749617	
	Brain_Spinal_cord_cervical_c-1	0.77079603		Brain_Frontal_Cortex_BA9			
		1.384867636	0.615132364	0.615132364	-0.291333813		1.997696099
		0.853181143	1.618588573	2	0	0.937965237	
KDM6B	ENSG00000132510.10		0.070331373	1	1	0.070331373	Brain_Cortex
		0.070331373	Brain_Cortex	1	1	1	-1.809770574
		-1.809770574	NA	1	0	0.937965237	-1.809770574
SCMH1	ENSG00000010803.16		0.070375204	2	2	0.042570944	
	Brain_Anterior_cingulate_cortex_BA24	0.271358352		Brain_Cerebellum			
		1.003239923	0.996760077	0.996760077	-2.027895216		-1.099939801
		-1.563917508	0.656163566	2	0	0.937965237	
MAP6D1	ENSG00000180834.7		0.070425238	9	5	0.010248106	
	Brain_Cerebellum	0.28454033		Brain_Frontal_Cortex_BA9	5.782371603		
		0.019037076	0.244793701	-1.070175477	2.56734343	1.858514837	

	1.126485322	5	0	0.937965237					
DOCK4	ENSG00000128512.20	0.070440868	2	2	0.025197964				
	Brain_Cerebellar_Hemisphere	0.026385802			Brain_Cerebellum	1.873929383			
	0.126070617	0.126070617	2.220485904		2.23835424	2.229420072			
	0.012634822	2	0	0.937965237					
ZNF205	ENSG00000122386.10	0.070505691	4	4	0.046163272				
	Brain_Cerebellum	0.792068868			Brain_Cerebellar_Hemisphere	1.741562153			
	0.407296579	0.407296579	-1.993897363		1.233157549	-0.501191613			
	1.509309314	4	0	0.937965237					
YIPF7	ENSG00000177752.14	0.070518092	9	4	0.005179572				
	Brain_Nucleus_accumbens_basal_ganglia	0.600661049			Brain_Cortex	6.74589441			
	0.023344191	0.442975191	0.523450127		2.795648351	1.714118341			
	0.61602484	4	0	0.937965237					
GLTSCR2	ENSG00000105373.18	0.070628491	1	1	0.070628491				
	Brain_Hippocampus	0.070628491			Brain_Hippocampus	1	1	1	
	1.807858723	1.807858723	1.807858723	NA	1	0	0.937965237		
PDCD11	ENSG00000148843.13	0.070721382	4	4	0.01431507	Brain_Cerebellum			
	0.449511984	Brain_Cerebellar_Hemisphere	2.454385788		0.26922575	0.26922575			
	0.756228875	2.44925842	1.390517825	0.733356113	4	0			
	0.937965237								
FAM189A2	ENSG00000135063.17	0.070737634	1	1	0.070737634				
	Brain_Cerebellar_Hemisphere	0.070737634			Brain_Cerebellar_Hemisphere	1	1		
	1	-1.807158084	-1.807158084	-1.807158084	NA	1	0		
	0.937965237								
PDZD7	ENSG00000186862.17	0.070833122	7	7	0.048750863				
	Brain_Cerebellar_Hemisphere	0.543971631			Brain_Hippocampus	1.914885635			
	0.307454041	0.307454041	-1.323211063		1.970764117	0.22334923			
	1.256217871	7	0	0.937965237					
ALOX5	ENSG00000012779.10	0.070840151	5	3	0.020977711				
	Brain_Anterior_cingulate_cortex_BA24	0.530058644			Brain_Cerebellum				
	4.275767183	0.010336568	0.150760655		-2.308385387	1.188656309			
	-0.9313838	1.694689391	3	0	0.937965237				
SHE	ENSG00000169291.9	0.070932307	1	1	0.070932307				
	Brain_Hippocampus	0.070932307			Brain_Hippocampus	1	1	1	
	-1.805910587	-1.805910587	-1.805910587	NA	1	0	0.937965237		
ATP2A2	ENSG00000174437.16	0.070966789	3	3	0.062927143				
	Brain_Cerebellum	0.500694458			Brain_Spinal_cord_cervical_c-1	1.548257627			
	0.406518192	0.406518192	-0.67339747		1.859705925	0.928172782			
	1.393149489	3	0	0.937965237					
LINC01010	ENSG00000236700.5	0.07099381	2	2	0.024607478	Brain_Amygdala			
	0.323167491	Brain_Caudate_basal_ganglia	1.227771223		0.772228777				
	0.772228777	0.987969693	2.247509595		1.617739644	0.890629206			
	2	0	0.937965237						
UBR4	ENSG00000127481.14	0.071068827	2	2	0.021586101	Brain_Cerebellum			
	0.821421943	Brain_Nucleus_accumbens_basal_ganglia	1.056174635						
	0.943825365	0.943825365	-2.297573057		0.225716476	-1.035928291			
	1.784235139	2	0	0.937965237					
CGNL1	ENSG00000128849.10	0.071142038	1	1	0.071142038	Brain_Cerebellum			
	0.071142038	Brain_Cerebellum	1	1	1.804569734	1.804569734			
	1.804569734	NA	1	0	0.937965237				
ACP2	ENSG00000134575.9	0.071142675	4	3	0.010286339	Brain_Cerebellum			
	0.395396734	Brain_Putamen_basal_ganglia	2.514247703		0.010946902				
	0.305779967	-2.566052058	-0.849871137		-1.730873709	0.909302519			
	3	0	0.937965237						
RP11-268P4.5	ENSG00000250166.2	0.071176028	1	1	0.071176028				
	Brain_Frontal_Cortex_BA9	0.071176028			Brain_Frontal_Cortex_BA9	1	1		
	1	1.804352731	1.804352731	1.804352731	NA	1	0		
	0.937965237								
R3HCC1L	ENSG00000166024.13	0.071227532	1	1	0.071227532				
	Brain_Cerebellum	0.071227532			Brain_Cerebellum	1	1	1	-1.804024083
	-1.804024083	-1.804024083	NA	1	0	0.937965237			
POLR3G	ENSG00000113356.11	0.071232909	3	2	0.04823922				

	Brain_Spinal_cord_cervical_c-1	0.838994018		Brain_Cortex	2.352335966
	0.054046132	0.593617903	-0.203180418	1.975254977	1.139824905
	1.174572122	2	0	0.937965237	
PRPF6	ENSG00000101161.7	0.071266994	3	2	0.324725347
	Brain_Nucleus_accumbens_basal_ganglia	0.771506459		Brain_Caudate_basal_ganglia	
	2.788881775	0.034441526	0.176676699	-0.98479384	0.290404948
	-0.513937029	0.699958751	2	0	0.937965237
RP11-395A13.2	ENSG00000272667.1	0.071344269	2	2	0.024709565
	Brain_Anterior_cingulate_cortex_BA24	0.660126728		Brain_Cortex	
	1.020622802	0.979377198	0.979377198	-0.439738206	2.245913244
	0.903087519	1.899042352	2	0	0.937965237
CDK18	ENSG00000117266.15	0.071451822	4	4	0.015230848
	Brain_Hypothalamus	0.352764044		Brain_Hippocampus	1.806137074
	0.38203208	0.38203208	-2.426842937	0.980440894	-1.088824346
	1.515607322	4	0	0.937965237	
NOL12	ENSG00000273899.4	0.071638405	3	3	0.067239142
	Brain_Putamen_basal_ganglia	0.598494687		Brain_Hippocampus	2.265598707
	0.139067974	0.139067974	0.526566463	1.830072211	1.056651405
	0.68497523	3	0	0.937965237	
CDC25A	ENSG00000164045.11	0.071643411	6	2	0.025490065
	Brain_Spinal_cord_cervical_c-1	0.156875822		Brain_Cerebellum	5.52280218
	0.008471511	0.273039726	-2.23389375	-1.415657449	-1.689420974
	0.315375772	2	0	0.937965237	
RP5-1198O20.4	ENSG00000230615.6	0.071646171	2	2	0.029395292
	Brain_Putamen_basal_ganglia	0.328657171		Brain_Spinal_cord_cervical_c-1	
	1.117251541	0.882748459	0.882748459	0.976822225	2.178144339
	1.577483282	0.849463014	2	0	0.937965237
CBLB	ENSG00000114423.18	0.071756871	3	3	0.008260307
	Brain_Nucleus_accumbens_basal_ganglia	0.898803171		Brain_Cerebellum	
	1.911266901	0.089172103	0.089172103	0.127173383	2.641240469
	0.999026555	1.423104031	3	0	0.937965237
P2RY2	ENSG00000175591.11	0.071794222	1	1	0.071794222
	Brain_Cerebellar_Hemisphere	0.071794222		Brain_Cerebellar_Hemisphere	1
	1	-1.80042078	-1.80042078	-1.80042078	NA
	0.937965237			1	0
HSPA9	ENSG00000113013.12	0.071919685	2	2	0.024407621
	Brain_Cerebellar_Hemisphere	0.487947878		Brain_Caudate_basal_ganglia	
	1.111200205	0.888799795	0.888799795	-2.250651471	-0.693576432
	-1.472113952	1.101018319	2	0	0.937965237
KIF13A	ENSG00000137177.19	0.071994776	5	5	0.085302837
	Brain_Nucleus_accumbens_basal_ganglia	0.988525339		Brain_Caudate_basal_ganglia	
	1.964041984	0.316029138	0.316029138	-1.720713435	1.304152571
	-0.385797951	1.172391165	5	0	0.937965237
ZNF442	ENSG00000198342.9	0.072170147	1	1	0.072170147
	Brain_Substantia_nigra	0.072170147		Brain_Substantia_nigra	1
	1	1.798043293	1.798043293	1.798043293	NA
	0.937965237			1	0
UBAC2-AS1	ENSG00000228889.6	0.072229465	1	1	0.072229465
	Brain_Cortex	0.072229465		Brain_Cortex	1
	1.797669074	1.797669074	NA	1	0
	0.937965237				
RP5-984P4.6	ENSG00000278041.1	0.0723341	3	3	0.025248617
	Brain_Spinal_cord_cervical_c-1	0.3045049		Brain_Cerebellum	1.29563093
	0.761245997	0.761245997	-2.23757755	-1.026820701	-1.626696967
	0.605453432	3	0	0.937965237	
GID8	ENSG00000101193.7	0.072356312	1	1	0.072356312
	Brain_Nucleus_accumbens_basal_ganglia	0.072356312			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.796869675
	1.796869675	1.796869675	NA	1	0
	0.937965237				
TRPV6	ENSG00000165125.19	0.072365416	3	3	0.02465072
	Brain_Cortex			Brain_Cortex	
	0.253053796	Brain_Putamen_basal_ganglia	2.233339242	0.213569262	
	0.213569262	-2.246832722	-1.142963379	-1.830366143	0.599738855
	3	0	0.937965237		

FAM81B	ENSG00000153347.9	0.072485319	2	2	0.036714225	
	Brain_Cerebellar_Hemisphere	0.112227058			Brain_Cerebellum	1.928059638
	0.071940362	0.071940362			1.588262215	2.088927775
	0.354024012	2	0	0.937965237		1.838594995
BMPR1A	ENSG00000107779.13	0.072495466	6	5	0.008269079	
	Brain_Caudate_basal_ganglia	0.867625289			Brain_Hypothalamus	3.244390261
	0.070443423	0.228020451			0.166675621	2.64088085
	1.021127702	5	0	0.937965237		1.712583758
TPMT	ENSG00000137364.4	0.072522809	10	7	0.015602519	Brain_Amygdala
	0.693060669	Brain_Cerebellum	6.485025681		0.025664457	0.231321237
	0.394704923	2.418082952			1.378771781	0.646334374
	0.937965237					7
						0
SEMA3F	ENSG00000001617.11	0.072537794	3	3	0.017904534	
	Brain_Substantia_nigra	0.922858575			Brain_Anterior_cingulate_cortex_BA24	
	1.891839478	0.348168853			0.348168853	-0.300221655
	0.656843761	1.485032729	3	0	0.937965237	2.367586494
DEFB1	ENSG00000164825.3	0.072559509	3	3	0.030539254	
	Brain_Cerebellar_Hemisphere	0.342361605			Brain_Caudate_basal_ganglia	
	1.926856045	0.076302447			0.076302447	-2.163025042
	-1.55763247	0.60676244	3	0	0.937965237	-0.949509378
RP5-1017F8.2	ENSG00000276093.1	0.072699516	13	1	0.0466267	
	Brain_Substantia_nigra	0.122502278			Brain_Cortex	12.48899588
	0.002478483	12.48899588			-1.98967544	-1.54435532
	0.125016215	1	0	0.937965237		-1.758038051
CD93	ENSG00000125810.9	0.07275634	1	1	0.07275634	
	Brain_Nucleus_accumbens_basal_ganglia	0.07275634				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.794356159	
	1.794356159	1.794356159	NA	1	0	0.937965237
ARHGEF40	ENSG00000165801.9	0.072797632	2	2	0.023796178	
	Brain_Nucleus_accumbens_basal_ganglia	0.493147153			Brain_Hypothalamus	
	1.144921452	0.855078548			0.855078548	0.685311854
	1.472858014	1.11375846	2	0	0.937965237	2.260404173
ERI2	ENSG00000196678.13	0.073076736	3	3	0.010438168	
	Brain_Hippocampus	0.585756124			Brain_Cortex	1.451847445
	0.529520314	0.529520314			0.54499621	2.560965642
	1.038892515	3	0	0.937965237		1.407763308
ATP6V0A2	ENSG00000185344.13	0.073097161	4	3	0.009665476	
	Brain_Hypothalamus	0.862023835			Brain_Putamen_basal_ganglia	2.834686604
	0.032202381	0.16882563			-2.587572832	0.583597799
	1.512239376	3	0	0.937965237		-0.334560252
RNF216	ENSG00000011275.18	0.07313061	2	2	0.036369771	
	Brain_Putamen_basal_ganglia	0.243442898			Brain_Caudate_basal_ganglia	
	1.119637564	0.880362436			0.880362436	-2.092769107
	-1.629596753	0.655024625	2	0	0.937965237	-1.166424399
ADAM12	ENSG00000148848.14	0.073229948	5	5	0.074952197	
	Brain_Frontal_Cortex_BA9	0.800845201			Brain_Caudate_basal_ganglia	
	2.423752905	0.202910093			0.202910093	-1.780756754
	0.214450096	1.426718894	5	0	0.937965237	1.632820547
LINC01700	ENSG00000232837.1	0.073249186	3	3	0.037176581	
	Brain_Caudate_basal_ganglia	0.379241456			Brain_Frontal_Cortex_BA9	
	1.191608307	0.797819706			0.797819706	-2.083819584
	-1.486119965	0.602314243	3	0	0.937965237	-0.879294797
RP4-565E6.1	ENSG00000227733.9	0.073260223	11	2	0.216488628	
	Brain_Cerebellar_Hemisphere	0.939915949			Brain_Cortex	10.08850285
	0.000226251	0.5188683			-0.864310853	1.235919124
	0.579302142	2	0	0.937965237		0.517573338
TAC1	ENSG00000006128.11	0.07338151	3	3	0.055463183	Brain_Cerebellum
	0.546458408	Brain_Putamen_basal_ganglia	1.212248599		0.766079258	
	0.766079258	0.603075585			1.915229963	1.334983717
	3	0	0.937965237			0.669095116
TBCA	ENSG00000171530.13	0.073383154	1	1	0.073383154	Brain_Cerebellum
	0.073383154	Brain_Cerebellum	1	1	1	-1.790440318
						-1.790440318

	-1.790440318	NA	1	0	0.937965237				
MPND	ENSG00000008382.15		0.073494922	1	1	0.073494922			
	Brain_Caudate_basal_ganglia	0.073494922				Brain_Caudate_basal_ganglia	1	1	
	1	1.789744957	1.789744957	1.789744957	NA	1	0		
	0.937965237								
RBM22	ENSG000000086589.11		0.073547424	1	1	0.073547424			Brain_Cerebellum
	0.073547424	Brain_Cerebellum	1	1	1	1.78941861	1.78941861	1.78941861	
	NA	1	0	0.937965237					
ATP1B1	ENSG00000143153.12		0.073619718	7	3	0.024618668			
	Brain_Cerebellum	0.541499694				Brain_Caudate_basal_ganglia	5.638173439		
	0.016291098	0.327722563				-2.24733434			
	0.548221036	3	0	0.937965237					
PSMG1	ENSG00000183527.11		0.073660449	8	2	0.401368959			
	Brain_Frontal_Cortex_BA9	0.986520851				Brain_Caudate_basal_ganglia			
	7.449541196	0.00463999	0.274812584			-0.654969545	0.839178842		
	0.214824104	0.558009002	2	0	0.937965237				
CERS4	ENSG00000090661.11		0.073809451	3	3	0.016881769			
	Brain_Nucleus_accumbens_basal_ganglia	0.961294528				Brain_Frontal_Cortex_BA9			
	1.087317245	0.949699155	0.949699155			0.048529157	2.389272655		
	1.149628927	1.176505781	3	0	0.937965237				
CTD-2532N20.1	ENSG00000272192.1		0.073835515	2	2	0.073457105			
	Brain_Putamen_basal_ganglia	0.141769739				Brain_Frontal_Cortex_BA9			
	1.029543182	0.970456818	0.970456818			-1.789980138	1.469232496		
	-0.160373821	2.304611355	2	0	0.937965237				
WDR6	ENSG00000178252.17		0.073874924	11	2	0.012384326			
	Brain_Putamen_basal_ganglia	0.130202731				Brain_Amygdala	10.10740147		
	0.000718718	0.397024313	1.513302923			2.500999767	1.9473577		
	0.276453509	2	0	0.937965237					
PKIG	ENSG00000168734.13		0.07395222	2	2	0.042150996			
	Brain_Cerebellar_Hemisphere	0.549341827				Brain_Cerebellum	1.672895471		
	0.327104529	0.327104529	-2.032026271			-0.598746675	-1.315386473		
	1.013481722	2	0	0.937965237					
TRIM29	ENSG00000137699.16		0.07397264	4	4	0.004706038			
	Brain_Putamen_basal_ganglia	0.051199965				Brain_Cortex	3.040170999		
	0.109002991	0.109002991	1.949799968			2.826495691	2.251379792		
	0.393295726	4	0	0.937965237					
BTN3A3	ENSG00000111801.15		0.073973255	4	4	0.051486155			
	Brain_Cerebellar_Hemisphere	0.608173746				Brain_Hippocampus	1.953540658		
	0.275036402	0.275036402	-1.947405371			0.933104146	-0.458589977		
	1.397723473	4	0	0.937965237					
ZMYM6	ENSG00000163867.16		0.074100271	1	1	0.074100271			
	Brain_Hypothalamus	0.074100271				Brain_Hypothalamus	1	1	1
	-1.785993744	-1.785993744	-1.785993744			NA	1	0	0.937965237
ZBED5	ENSG00000236287.7		0.074119057	1	1	0.074119057			Brain_Amygdala
	0.074119057	Brain_Amygdala	1	1	1	1.785877732	1.785877732		
	1.785877732	NA	1	0	0.937965237				
ZDHHC13	ENSG00000177054.13		0.07414692	2	2	0.068236883			
	Brain_Putamen_basal_ganglia	0.091245563				Brain_Frontal_Cortex_BA9			
	1.187947668	0.812052332	0.812052332			-1.823439295	1.688863649		
	-0.067287823	2.483573229	2	0	0.937965237				
CYGB	ENSG00000161544.9		0.074216575	1	1	0.074216575			
	Brain_Hypothalamus	0.074216575				Brain_Hypothalamus	1	1	1
	-1.785275904	-1.785275904	-1.785275904			NA	1	0	0.937998289
H2AFV	ENSG00000105968.18		0.074286141	3	3	0.019236442			
	Brain_Caudate_basal_ganglia	0.185079507				Brain_Spinal_cord_cervical_c-1			
	2.483582628	0.098465556	0.098465556			1.325276359	2.340917019		
	1.871035125	0.512054159	3	0	0.938030147				
CARD14	ENSG00000141527.16		0.074387297	6	6	0.022437246			
	Brain_Nucleus_accumbens_basal_ganglia	0.79411208				Brain_Cerebellum	1.880888673		
	0.307809664	0.307809664	-0.379699949			2.282883253	0.615207636		
	0.9912822	6	0	0.938460481					
SS18L2	ENSG00000008324.11		0.074597671	1	1	0.074597671			

	Brain_Cortex	0.074597671	Brain_Cortex	1	1	1	1.782930173
	1.782930173	1.782930173	NA	1	0	0.939695092	
LLNLR-268E12.1	ENSG00000276445.1	0.074619487		5	3	0.156513008	
	Brain_Frontal_Cortex_BA9	0.945460804	Brain_Cortex			4.436126007	
	0.018991556	0.199360958	-1.416897122			0.169906631	-0.366732253
	0.623412324	3	0	0.939695092			
FMN1	ENSG00000248905.8	0.074767524		5	4	0.041529417	
	Brain_Putamen_basal_ganglia	0.936464691	Brain_Cerebellum			3.387628976	
	0.08074772	0.336281106	-2.03820519			0.079714042	-1.362553223
	0.877775524	4	0	0.94019081			
WBP1L	ENSG00000166272.16	0.074793251		2	2	0.025219738	
	Brain_Nucleus_accumbens_basal_ganglia	0.462854535	Brain_Cortex				
	1.141783231	0.858216769	0.858216769			0.734154575	2.238020192
	1.486087383	1.063393576	2	0	0.94019081		
APH1B	ENSG00000138613.13	0.074984272		2	2	0.032850125	Brain_Cortex
	0.3520558	Brain_Anterior_cingulate_cortex_BA24	1.065723494			0.934276506	
	0.934276506	-2.133910296	0.930609111			-0.601650593	2.166942453
	2	0	0.940563256				
ANKS4B	ENSG00000175311.6	0.075079253		1	1	0.075079253	
	Brain_Cerebellum	0.075079253	Brain_Cerebellum	1	1	1	1.779979885
	1.779979885	1.779979885	NA	1	0	0.940563256	
HTATIP2	ENSG00000109854.13	0.075079598		8	8	0.069686806	
	Brain_Frontal_Cortex_BA9	0.810238689	Brain_Caudate_basal_ganglia			2.36793881	
	0.189617236	0.189617236	-1.773438801			1.813941023	0.0164128
	1.227327756	8	0	0.940563256			
INSIG1	ENSG00000186480.12	0.075193447		1	1	0.075193447	
	Brain_Cortex	0.075193447	Brain_Cortex	1	1	1	1.77928257
	1.77928257	1.77928257	NA	1	0	0.940563256	
TP53INP1	ENSG00000164938.13	0.075219765		2	2	0.023211331	
	Brain_Cerebellum	0.944959664	Brain_Hypothalamus			1.095550663	
	0.904449337	0.904449337	-0.069037633			2.269938225	1.100450296
	1.65390569	2	0	0.940563256			
FAM102A	ENSG00000167106.11	0.075254178		1	1	0.075254178	
	Brain_Cerebellar_Hemisphere	0.075254178	Brain_Cerebellar_Hemisphere	1		1	
	1	1.778912074	1.778912074	1.778912074	NA	1	0
	0.940563256						
SYN3	ENSG00000185666.14	0.075293463		5	5	0.049428024	Brain_Cerebellum
	0.947904343	Brain_Frontal_Cortex_BA9	2.709445112			0.258786726	
	0.258786726	-0.681238456	1.964880897			0.474182375	1.144690946
	5	0	0.940563256				
TMPRSS13	ENSG00000137747.15	0.075399231		1	1	0.075399231	
	Brain_Cerebellar_Hemisphere	0.075399231	Brain_Cerebellar_Hemisphere	1		1	
	1	-1.778028152	-1.778028152	-1.778028152	NA	1	0
	0.941044288						
LINC00877	ENSG00000241163.7	0.075639632		4	4	0.06355378	
	Brain_Putamen_basal_ganglia	0.122104193	Brain_Cerebellum			1.688604008	
	0.458600869	0.458600869	-1.855297327			-1.546001554	-1.7406397
	0.143545122	4	0	0.941300256			
MAT2A	ENSG00000168906.12	0.075713497		2	2	0.028736624	
	Brain_Cerebellar_Hemisphere	0.216655223	Brain_Cerebellum			1.750683382	
	0.249316618	0.249316618	-2.187080833			-1.235471106	-1.71127597
	0.672889691	2	0	0.941300256			
ZNF574	ENSG00000105732.12	0.075792068		1	1	0.075792068	
	Brain_Putamen_basal_ganglia	0.075792068	Brain_Putamen_basal_ganglia	1		1	
	1	1.775641243	1.775641243	1.775641243	NA	1	0
	0.941300256						
LBR	ENSG00000143815.14	0.075800268		1	1	0.075800268	Brain_Amygdala
	0.075800268	Brain_Amygdala	1	1	1	1.775591525	1.775591525
	1.775591525	NA	1	0	0.941300256		
RNF44	ENSG00000146083.11	0.075884102		1	1	0.075884102	Brain_Cortex
	0.075884102	Brain_Cortex	1	1	1	1.775083493	1.775083493
	1.775083493	NA	1	0	0.941300256		

STBD1	ENSG00000118804.8	0.076006212	11	4	0.019522233	
	Brain_Caudate_basal_ganglia	0.772385004			Brain_Cerebellum	7.774681927
	0.023522874	0.346689601	0.289256623	2.335405776	1.602171238	
	0.713501757	4	0	0.941300256		
HIVEP2	ENSG0000010818.9	0.076028276	2	2	0.027306101	
	Brain_Nucleus_accumbens_basal_ganglia	0.049128901			Brain_Putamen_basal_ganglia	
	1.725969091	0.274030909	0.274030909	-2.207113925	-1.967471306	
	-2.087292615	0.169452921	2	0	0.941300256	
FAM180B	ENSG00000196666.4	0.076065803	5	3	0.312764467	
	Brain_Cerebellum	0.428167478			Brain_Frontal_Cortex_BA9	3.627917913
	0.041452073	0.366219533	-0.855844567	1.009438322	-0.45325921	
	0.81801158	3	0	0.941300256		
LINC00528	ENSG00000269220.1	0.076130868	2	2	0.067871015	
	Brain_Cerebellar_Hemisphere	0.220245714			Brain_Cerebellum	1.934389772
	0.065610228	0.065610228	-1.825862245	-1.225875011	-1.525868628	
	0.424255042	2	0	0.941300256		
FAM213B	ENSG00000157870.14	0.076150801	6	6	0.014579254	
	Brain_Frontal_Cortex_BA9	0.900662315			Brain_Caudate_basal_ganglia	
	2.067910874	0.251549141	0.251549141	-2.361179184	2.442665222	
	-0.391715604	1.625812186	6	0	0.941300256	
CRB1	ENSG00000134376.15	0.076159809	4	4	0.031803219	Brain_Cerebellum
	0.678143326	Brain_Cortex	2.466579566	0.180553546	0.180553546	
	-2.14687519	-0.414998056	-0.960111348	0.802573984	4	0
	0.941300256					
GRM4	ENSG00000124493.13	0.076351961	2	2	0.058663657	Brain_Cerebellum
	0.370847617	Brain_Cerebellar_Hemisphere	1.178740491	0.821259509		
	0.821259509	-1.890705583	0.894886775	-0.497909404	1.969711246	
	2	0	0.942842265			
MT1M	ENSG00000205364.3	0.076450543	1	1	0.076450543	Brain_Cerebellum
	0.076450543	Brain_Cerebellum	1	1	1.771662831	1.771662831
	1.771662831	NA	1	0	0.943061045	
PIGH	ENSG00000100564.8	0.076555013	9	6	0.027356938	Brain_Cortex
	0.977725673	Brain_Cerebellum	5.038283315	0.030085914	0.31676318	
	-2.206386665	1.208002767	-0.95939773	1.086256388	6	0
	0.943061045					
TMEM181	ENSG00000146433.8	0.076571892	6	6	0.008309212	
	Brain_Frontal_Cortex_BA9	0.898418526			Brain_Cerebellum	3.213020304
	0.220186109	0.220186109	-2.639240046	-0.127659394	-1.286847895	
	0.857317806	6	0	0.943061045		
ZFYVE28	ENSG00000159733.13	0.076780182	3	3	0.034426356	
	Brain_Caudate_basal_ganglia	0.548749723			Brain_Cerebellum	1.844297884
	0.414907635	0.414907635	-2.115042145	0.59963469	-0.746492146	
	1.357477321	3	0	0.944228234		
KLHL17	ENSG00000187961.13	0.076967968	1	1	0.076967968	
	Brain_Cerebellum	0.076967968			Brain_Cerebellum	1
	-1.768556187	-1.768556187	NA	1	0	0.944228234
HAX1	ENSG00000143575.14	0.077155716	4	4	0.027590204	
	Brain_Nucleus_accumbens_basal_ganglia	0.809544419			Brain_Putamen_basal_ganglia	
	1.604047243	0.460104101	0.460104101	-2.203064489	0.539584261	
	-0.513909869	1.231154833	4	0	0.944228234	
LZTS1	ENSG00000061337.15	0.077239292	1	1	0.077239292	
	Brain_Hippocampus	0.077239292			Brain_Hippocampus	1
	-1.766933939	-1.766933939	-1.766933939	NA	1	0
					0.944228234	
NCBP1	ENSG00000136937.12	0.077288527	2	2	0.040506443	
	Brain_Frontal_Cortex_BA9	0.137864106			Brain_Spinal_cord_cervical_c-1	
	1.272924527	0.727075473	0.727075473	-1.483792017	2.048546882	
	0.282377433	2.497740789	2	0	0.944228234	
VHL	ENSG00000134086.7	0.077313579	1	1	0.077313579	
	Brain_Frontal_Cortex_BA9	0.077313579			Brain_Frontal_Cortex_BA9	1
	1	-1.766490588	-1.766490588	-1.766490588	NA	1
	0.944228234				0	
AP000473.5	ENSG00000228798.1	0.077360514	1	1	0.077360514	

	Brain_Hypothalamus	0.077360514		Brain_Hypothalamus	1	1	1
	1.766210658	1.766210658	1.766210658	NA	1	0	0.944228234
PDIA3	ENSG00000167004.12	0.077758411	1	1	0.077758411		
	Brain_Hippocampus	0.077758411		Brain_Hippocampus	1	1	1
	1.763843025	1.763843025	1.763843025	NA	1	0	0.944228234
NDUFB5	ENSG00000136521.12	0.07785367	2	2	0.030994494		Brain_Cerebellum
	0.042876415	Brain_Cerebellar_Hemisphere	1.723368406				0.276631594
	0.276631594	-2.157143391	-2.024911868		-2.091027629		0.093501806
	2	0	0.944228234				
BAK1	ENSG00000030110.12	0.077870614	12	2	0.026890097		
	Brain_Anterior_cingulate_cortex_BA24	0.750166482		Brain_Frontal_Cortex_BA9			
	10.43298198	1.51E-10	0.648288628		-2.21310951		-0.318419852
	-1.795243588	0.528534485	2	0	0.944228234		
AXIN2	ENSG00000168646.12	0.077874985	1	1	0.077874985		Brain_Cerebellum
	0.077874985	Brain_Cerebellum	1	1	1.763151238		1.763151238
	1.763151238	NA	1	0	0.944228234		
SCRN2	ENSG00000141295.13	0.077896077	13	11	0.000323472		Brain_Cerebellum
	0.876741726	Brain_Cortex	4.77634321	0.018156417			0.239483059
	0.155100959	3.595738626	1.900547056		1.066791466		11
	0.944228234						0
BBS12	ENSG00000181004.9	0.077926563	3	3	0.03450694		
	Brain_Caudate_basal_ganglia	0.577778687		Brain_Cerebellum	2.005447433		
	0.194557407	0.194557407	-0.754917897		2.114097512		0.267515775
	1.602256964	3	0	0.944228234			
UPF1	ENSG00000005007.12	0.077996561	1	1	0.077996561		Brain_Cerebellum
	0.077996561	Brain_Cerebellum	1	1	-1.762430668		-1.762430668
	-1.762430668	NA	1	0	0.944228234		
ZFPM2	ENSG00000169946.13	0.078069471	2	2	0.023922469		
	Brain_Hypothalamus	0.94199513	Brain_Cerebellum	1.028576456			0.971423544
	0.971423544	0.072762478	2.258372126		1.165567302		1.545459404
	2	0	0.944228234				
CNTN3	ENSG00000113805.8	0.078135081	2	2	0.023969863		
	Brain_Nucleus_accumbens_basal_ganglia	0.051733508		Brain_Caudate_basal_ganglia			
	1.870968713	0.129031287	0.129031287		-2.257611944		-1.945344683
	-2.101478314	0.220806298	2	0	0.944228234		
RP11-542F9.1	ENSG00000223504.1	0.078208166	2	2	0.024007262		
	Brain_Hypothalamus	0.847666292		Brain_Substantia_nigra	1.062327221		
	0.937672779	0.937672779	0.192096914		2.25701301		1.224554962
	1.460116174	2	0	0.944228234			
GPR26	ENSG00000154478.3	0.078341929	2	2	0.028313497		
	Brain_Caudate_basal_ganglia	0.588871229		Brain_Cortex	1.003246756		
	0.996753244	0.996753244	-0.540472488		2.1929151		0.826221306
	1.932796899	2	0	0.944228234			
KDM1B	ENSG00000165097.13	0.078373336	5	5	0.006237869		
	Brain_Substantia_nigra	0.747215066		Brain_Cerebellar_Hemisphere			
	2.487869527	0.400600328	0.400600328		-2.73500835		-0.322313685
	-1.255863333	0.994890834	5	0	0.944228234		
PPP4R2	ENSG00000163605.14	0.078413682	3	3	0.011481591		
	Brain_Spinal_cord_cervical_c-1	0.69041744	Brain_Cerebellum	1.368590922			
	0.704738515	0.704738515	-2.527689311		0.398288631		-0.977198141
	1.470818355	3	0	0.944228234			
TEP1	ENSG00000129566.12	0.078441808	3	3	0.010721848		Brain_Cerebellum
	0.889233085	Brain_Cerebellar_Hemisphere	1.290813413		0.710592677		
	0.710592677	0.139274695	2.551635957		1.091113572		1.284110936
	3	0	0.944228234				
ADGRD1	ENSG00000111452.12	0.078453343	3	3	0.009201996		
	Brain_Spinal_cord_cervical_c-1	0.928839465		Brain_Putamen_basal_ganglia			
	1.139099198	0.86090381	0.86090381		-0.129865705		2.604457018
	0.795095414	1.567084347	3	0	0.944228234		
ACSBG2	ENSG00000130377.13	0.078558645	1	1	0.078558645		
	Brain_Nucleus_accumbens_basal_ganglia	0.078558645					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.759111069		

	-1.759111069	-1.759111069	NA	1	0	0.944228234			
PXMP4	ENSG00000101417.11	0.078697143		3	3	0.009152108	Brain_Cerebellum		
	0.94512531	Brain_Nucleus_accumbens_basal_ganglia		1.189500543		0.79664112			
	0.79664112	-0.068829532	2.606319373		0.906634124	1.47732126	3	0	
	0.944228234								
NME4	ENSG00000103202.12	0.078870486		9	5	0.00333977			
	Brain_Nucleus_accumbens_basal_ganglia	0.710168476				Brain_Putamen_basal_ganglia			
	5.750266783	0.007064221	0.298679326		-2.934600886	-0.37162983			
	-1.968509885	0.763122657	5	0	0.944228234				
KCTD10	ENSG00000110906.12	0.078974586		2	2	0.024976445			
	Brain_Cerebellum	0.187100339	Brain_Cerebellar_Hemisphere	1.664308775					
	0.335691225	0.335691225	1.319205743		2.241766848	1.780486295			
	0.652349213	2	0	0.944228234					
SULT1A3	ENSG00000261052.5	0.07900607	1	1	0.07900607				
	Brain_Frontal_Cortex_BA9	0.07900607	Brain_Frontal_Cortex_BA9	1	1	1			
	-1.756482422	-1.756482422	-1.756482422	NA	1	0	0.944228234		
NCOA6	ENSG00000198646.13	0.079098867		5	2	0.053922393			
	Brain_Frontal_Cortex_BA9	0.790417926	Brain_Cortex	4.190937546					
	0.018510208	0.676980551	-1.927459478		0.265767953	-1.343352045			
	0.907464418	2	0	0.944228234					
SEC22B	ENSG00000265808.3	0.079202187		1	1	0.079202187			
	Brain_Cerebellar_Hemisphere	0.079202187	Brain_Cerebellar_Hemisphere	1	1				
	1	-1.755334039	-1.755334039	-1.755334039	NA	1	0		
	0.944228234								
CSMD1	ENSG00000183117.18	0.079264845		7	7	0.008387284			
	Brain_Hippocampus	0.690219966	Brain_Anterior_cingulate_cortex_BA24						
	2.328086875	0.307486002	0.307486002	-1.887631434	2.636068344				
	-0.720868828	1.566800823	7	0	0.944228234				
HMG2	ENSG00000198830.10	0.079323706		1	1	0.079323706			
	Brain_Putamen_basal_ganglia	0.079323706	Brain_Putamen_basal_ganglia	1	1				
	1	-1.754623636	-1.754623636	-1.754623636	NA	1	0		
	0.944228234								
MFSD9	ENSG00000135953.10	0.079330089		1	1	0.079330089			
	Brain_Cerebellar_Hemisphere	0.079330089	Brain_Cerebellar_Hemisphere	1	1				
	1	1.754586344	1.754586344	1.754586344	NA	1	0		
	0.944228234								
TRPM3	ENSG00000083067.22	0.079477421		6	6	0.110687696			
	Brain_Caudate_basal_ganglia	0.77682841	Brain_Cortex	3.309269544					
	0.149335681	0.149335681	-0.788379237	1.59510975	0.767661128				
	0.885790559	6	0	0.944228234					
FANCI	ENSG00000140525.17	0.079610892		3	3	0.079895546	Brain_Cortex		
	0.662173393	Brain_Hippocampus	1.247546036	0.759949364					
	0.759949364	-1.430311999	1.751292457	0.252631635	1.598787617				
	3	0	0.944228234						
NECTIN3	ENSG00000177707.10	0.079642582		5	3	0.028012012			
	Brain_Nucleus_accumbens_basal_ganglia	0.606434482	Brain_Cortex	3.832745					
	0.04647375	0.15689053	0.51516964	2.197118106	1.392557671	0.632428142			
	3	0	0.944228234						
ATP6V1A	ENSG00000114573.9	0.079645102		2	2	0.03353509	Brain_Cortex		
	0.355445053	Brain_Spinal_cord_cervical_c-1	1.089751593	0.910248407					
	0.910248407	0.924079256	2.125617877	1.524848567	0.849616106				
	2	0	0.944228234						
CYP2A6	ENSG00000255974.7	0.079690451		1	1	0.079690451			
	Brain_Caudate_basal_ganglia	0.079690451	Brain_Caudate_basal_ganglia	1	1				
	1	1.752484975	1.752484975	1.752484975	NA	1	0		
	0.944228234								
TTC32	ENSG00000183891.5	0.0797409	13	2	0.058067307				
	Brain_Putamen_basal_ganglia	0.498188779	Brain_Cerebellum	12.03749026					
	4.86E-08	0.417700658	-1.895189453	-0.67734233	-0.987181376				
	0.338477595	2	0	0.944228234					
NEK4	ENSG00000114904.12	0.079752018		3	3	0.032145894			
	Brain_Cerebellar_Hemisphere	0.864544707	Brain_Cortex	2.345299897					

	0.081280903	0.081280903	-0.17059185	2.142591751	1.213119296
	1.221660421	3	0	0.944228234	
DIDO1	ENSG00000101191.16	0.07979459	9	4	0.002368624
	Brain_Anterior_cingulate_cortex_BA24	0.049770772			Brain_Cerebellum
	7.364858714	0.007650992	0.296862213	1.961928817	3.039638325
	2.436797349	0.354840626	4	0	0.944228234
NME5	ENSG00000112981.4	0.079883602	5	5	0.012309688
	Brain_Nucleus_accumbens_basal_ganglia	0.490976076			Brain_Caudate_basal_ganglia
	1.475742789	0.595961817	0.595961817	-2.503139887	0.913655639
	-0.787932414	1.526112433	5	0	0.944228234
AC005330.2	ENSG00000267372.2	0.080005497	1	1	0.080005497
	Brain_Hypothalamus	0.080005497	Brain_Hypothalamus	1	1
	1.750654178	1.750654178	1.750654178	NA	1
PDRG1	ENSG00000088356.5	0.080036456	1	1	0.080036456
	Brain_Caudate_basal_ganglia	0.080036456	Brain_Caudate_basal_ganglia	1	1
	1	-1.750474586	-1.750474586	-1.750474586	NA
	0.944228234			1	0
TAT	ENSG00000198650.10	0.080097134	1	1	0.080097134
	Brain_Nucleus_accumbens_basal_ganglia	0.080097134			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.750122753
	-1.750122753	-1.750122753	NA	1	0
KMT2D	ENSG00000167548.14	0.080100603	1	1	0.080100603
	Brain_Cortex	1	1	1	Brain_Cortex
	0.080100603	Brain_Cortex	1	1	1.75010265
	NA	1	0	0.944228234	1.75010265
LILRB1	ENSG00000104972.15	0.080110941	2	2	0.156870564
	Brain_Caudate_basal_ganglia	0.303895961	Brain_Putamen_basal_ganglia		
	1.402206354	0.597793646	0.597793646	-1.02811452	1.415675402
	0.193780441	1.728020425	2	0	0.944228234
FAM206A	ENSG00000119328.11	0.080169661	3	3	0.086759912
	Brain_Frontal_Cortex_BA9	0.650119289	Brain_Hippocampus		1.261919278
	0.739049018	0.739049018	-1.383324053	1.712742559	-0.041392657
	1.588660162	3	0	0.944228234	
AC019118.3	ENSG00000236760.1	0.080190127	1	1	0.080190127
	Brain_Cerebellar_Hemisphere	0.080190127	Brain_Cerebellar_Hemisphere	1	1
	1	1.749583976	1.749583976	1.749583976	NA
	0.944228234			1	0
CCDC192	ENSG00000230561.4	0.080255897	2	2	0.064216624
	Brain_Putamen_basal_ganglia	0.353499886	Brain_Cortex		1.175718268
	0.824281732	0.824281732	0.927822047	1.850672904	1.389247475
	0.652554099	2	0	0.944228234	
RPS6KA4	ENSG00000162302.12	0.080313279	2	2	0.052214485
	Brain_Cerebellar_Hemisphere	0.11985646	Brain_Caudate_basal_ganglia		1.236033488
	0.763966512	0.763966512	-1.94136117	1.555376363	-0.192992403
	2.472566822	2	0	0.944228234	
ACTR3C	ENSG00000106526.10	0.080645792	9	3	0.012118856
	Brain_Caudate_basal_ganglia	0.350559671	Brain_Cerebellar_Hemisphere		
	7.292559641	0.002426978	0.30760778	0.933504263	2.508664415
	2.029079344	0.471833088	3	0	0.944228234
PPP2R5A	ENSG00000066027.11	0.08074714	2	2	0.074752161
	Brain_Cerebellar_Hemisphere	0.15933945	Brain_Putamen_basal_ganglia		1.025175306
	0.974824694	0.974824694	-1.407296625	1.781982037	0.187342706
	2.255160569	2	0	0.944228234	
PCDHB11	ENSG00000197479.6	0.080957596	4	4	0.004952377
	Brain_Substantia_nigra	0.327426866	Brain_Amygdala		2.453045542
	0.219290727	0.219290727	-2.810115188	-0.979309929	-1.689979098
	0.84767458	4	0	0.944228234	
XBP1	ENSG00000100219.16	0.080984356	3	3	0.054823071
	Brain_Hippocampus	0.563201607	Brain_Cerebellar_Hemisphere		1.804130256
	0.318636941	0.318636941	-1.920275805	1.083073374	-0.471765008
	1.504495178	3	0	0.944228234	
RP11-134K13.4	ENSG00000271967.1	0.081036331	13	7	0.081777357
	Brain_Substantia_nigra	0.949618947	Brain_Cerebellum		8.145680915

	0.004411222	0.3406286	-1.740465249	1.432526453	0.484615489		
	0.99609023	7	0	0.944228234			
PCDHA3	ENSG00000255408.3		0.081161257	5	5	0.003358132	
	Brain_Spinal_cord_cervical_c-1		0.820864517			Brain_Cortex	2.079561587
	0.094965508		0.094965508	-0.280147679		2.932898955	0.55147757
	1.380042643	5	0	0.944228234			
CRYGS	ENSG00000213139.7		0.081181325	3	3	0.060520247	
	Brain_Nucleus_accumbens_basal_ganglia		0.605118795			Brain_Cerebellum	
	1.669543301		0.361700648	0.361700648		0.517053526	1.876984288
	1.336190807		0.721428703	3	0	0.944228234	
RP11-195F19.5	ENSG00000187186.14		0.081251965	2	2	0.031268378	
	Brain_Substantia_nigra		0.514570646			Brain_Cerebellum	1.015583948
	0.984416052		0.984416052	-0.651737315		2.153640471	0.750951578
	1.983701656	2	0	0.944228234			
TSC2	ENSG00000103197.16		0.081269057	7	5	0.020830517	
	Brain_Cerebellar_Hemisphere		0.9175699			Brain_Cortex	3.7580785
	0.483379113		-0.972703445	2.31104232	1.13946181	1.340897217	5
	0.944228234						0
MED17	ENSG00000042429.11		0.08129003	7	3	0.014181322	Brain_Hippocampus
	0.332460609		Brain_Frontal_Cortex_BA9			5.419693171	0.001289509
	0.516399762		-2.45263738	-0.969169534		-1.352429017	0.507546618
	3	0	0.944228234				
RP11-318C24.2	ENSG00000227740.1		0.081377361	2	2	0.065886041	
	Brain_Substantia_nigra		0.384142744			Brain_Cerebellum	1.844970605
	0.155029395		0.155029395	-1.839198189		-0.870288533	-1.354743361
	0.685122588	2	0	0.944228234			
ACSL5	ENSG00000197142.10		0.081408297	3	3	0.027805941	Brain_Cerebellum
	0.441178802		Brain_Cerebellar_Hemisphere			1.788073777	0.244575566
	0.244575566		-1.157283902	2.200013443		0.090841797	1.83682102
	0		0.944228234				3
TCF7L2	ENSG00000148737.16		0.081432027	2	2	0.060746989	
	Brain_Frontal_Cortex_BA9		0.236682929			Brain_Anterior_cingulate_cortex_BA24	
	1.021740115		0.978259885	0.978259885		1.183318537	1.875332541
	1.529325539		0.489327795	2	0	0.944228234	
ZNF655	ENSG00000197343.10		0.081441245	1	1	0.081441245	
	Brain_Caudate_basal_ganglia		0.081441245			Brain_Caudate_basal_ganglia	1
	1		-1.742384162	-1.742384162		-1.742384162	NA
	0.944228234					1	0
FAM71F1	ENSG00000135248.15		0.081444419	7	5	0.007290212	
	Brain_Frontal_Cortex_BA9		0.979393775			Brain_Amygdala	2.75087558
	0.075378424		0.331146999	-0.078981372		2.683288265	1.062252712
	1.091161024	5	0	0.944228234			
RP11-491F9.6	ENSG00000259839.1		0.081501137	2	2	0.026121732	
	Brain_Cerebellar_Hemisphere		0.086330579			Brain_Cerebellum	1.686881902
	0.313118098		0.313118098	-2.224397209		-1.715079901	-1.969738555
	0.360141722	2	0	0.944228234			
SHOC2	ENSG00000108061.11		0.08156057	2	2	0.026529489	
	Brain_Spinal_cord_cervical_c-1		0.789397527			Brain_Amygdala	1.016046593
	0.983953407		0.983953407	-2.218371846		0.267093039	-0.975639403
	1.757489075	2	0	0.944228234			
RGS9	ENSG00000108370.16		0.081632909	2	2	0.028076864	
	Brain_Hypothalamus		0.295429532			Brain_Cortex	1.287460068
	0.712539932		0.712539932	-2.196210728		-1.046284863	-1.621247796
	0.813120377	2	0	0.944228234			
CD2BP2	ENSG00000169217.8		0.081707264	1	1	0.081707264	
	Brain_Cortex		0.081707264			Brain_Cortex	1
	1.74086489	1.74086489	NA	1	0	0.944228234	
NAALADL1	ENSG00000168060.15		0.081732964	1	1	0.081732964	
	Brain_Spinal_cord_cervical_c-1		0.081732964			Brain_Spinal_cord_cervical_c-1	
	1	1	1	-1.740718327	-1.740718327	-1.740718327	NA
	0.944228234					1	0
CCDC184	ENSG00000177875.4		0.081746622	4	3	0.207911895	

	Brain_Frontal_Cortex_BA9	0.989788851		Brain_Nucleus_accumbens_basal_ganglia				
	3.401435919	0.061639859	0.250183962	-1.259327969	0.385005712			
	-0.121601254	0.778003216	3	0	0.944228234			
UPK3A	ENSG00000100373.9	0.081773712	7	7	0.014516733	Brain_Cerebellum		
	0.706607093	Brain_Hypothalamus	2.69840773	0.205880288	0.205880288			
	-0.928748341	2.444215986	0.918928112	1.108144849	7	0		
	0.944228234							
ABC7-42404400C24.1	ENSG00000277758.4	0.081842346	8	7	0.006974256			
	Brain_Cortex	0.980959004	Brain_Amygdala	2.281470367	0.006612654			
	0.446198588	-2.698071003	1.260979354	-0.492095864	1.477352192			
	7	0	0.944228234					
ALPK3	ENSG00000136383.6	0.082050522	4	3	0.014873374	Brain_Cerebellum		
	0.654471976	Brain_Cortex	3.05701828	0.01195639	0.104353686			
	0.447558339	2.435447705	1.08893418	0.917274123	3	0		
	0.944228234							
BIN3	ENSG00000147439.12	0.082143747	10	7	0.068380054			
	Brain_Hippocampus	0.712134438	Brain_Hypothalamus	6.091560702				
	0.031470606	0.240803016	-1.073462793	1.82249406	0.531715609			
	1.027722613	7	0	0.944228234				
HLCS	ENSG00000159267.14	0.082229758	8	5	0.015914753			
	Brain_Hypothalamus	0.802104054	Brain_Cortex	5.127608603				
	0.015274583	0.256334137	-2.410864651	0.926771318	0.217039994			
	1.101579361	5	0	0.944228234				
EN1	ENSG00000163064.6	0.082255172	2	2	0.03926682	Brain_Cerebellum		
	0.442170707	Brain_Hippocampus	1.045891807	0.954108193				
	0.954108193	-2.0613798	0.768532808	-0.646423496	2.001050395	2		
	0	0.944228234						
MAP2K6	ENSG00000108984.13	0.082349985	1	1	0.082349985			
	Brain_Spinal_cord_cervical_c-1	0.082349985	Brain_Spinal_cord_cervical_c-1					
	1	1	1	1.737210714	1.737210714	1.737210714	NA	1
	0.944228234							0
GPANK1	ENSG00000204438.10	0.082429473	2	2	0.10481142			
	Brain_Spinal_cord_cervical_c-1	0.207518032	Brain_Caudate_basal_ganglia					
	1.158278547	0.841721453	0.841721453	-1.621962302	1.260419607			
	-0.180771348	2.038151794	2	0	0.944228234			
RAD21	ENSG00000164754.14	0.08267652	2	2	0.027401186	Brain_Cortex		
	0.131540866	Brain_Cerebellum	1.78174261	0.21825739	0.21825739	1.50805338		
	2.205754604	1.856903992	0.493349267	2	0	0.944228234		
RP11-158I9.8	ENSG00000278376.1	0.082708416	13	2	0.016717824			
	Brain_Spinal_cord_cervical_c-1	0.152234324	Brain_Amygdala	11.98031136				
	0.001741811	0.44756934	-2.392855484	-1.431683837	-1.940571622			
	0.281105313	2	0	0.944228234				
LINC00492	ENSG00000250958.1	0.082711155	1	1	0.082711155			
	Brain_Cerebellum	0.082711155	Brain_Cerebellum	1	1	1	-1.735167422	
	-1.735167422	-1.735167422	NA	1	0	0.944228234		
RBFOX2	ENSG00000100320.22	0.08278063	1	1	0.08278063	Brain_Cerebellum		
	0.08278063	Brain_Cerebellum	1	1	1.734775204	1.734775204		
	1.734775204	NA	1	0	0.944228234			
ALX4	ENSG00000052850.5	0.082816755	1	1	0.082816755	Brain_Cortex		
	0.082816755	Brain_Cortex	1	1	1	-1.734571367	-1.734571367	
	-1.734571367	NA	1	0	0.944228234			
MERTK	ENSG00000153208.16	0.082841298	7	3	0.139033757			
	Brain_Nucleus_accumbens_basal_ganglia	0.830457405	Brain_Cortex					
	6.236069031	0.014924268	0.222424632	-0.214114966	1.479398816			
	0.763659469	0.532918644	3	0	0.944228234			
HOXD1	ENSG00000128645.14	0.082874856	1	1	0.082874856			
	Brain_Spinal_cord_cervical_c-1	0.082874856	Brain_Spinal_cord_cervical_c-1					
	1	1	1	1.734243676	1.734243676	1.734243676	NA	1
	0.944228234							0
OR7D2	ENSG00000188000.3	0.0828972	11	11	0.062325495			
	Brain_Anterior_cingulate_cortex_BA24	0.973138651	Brain_Putamen_basal_ganglia					
	3.383197795	0.112794503	0.112794503	-1.099615499	1.863973007			

	0.08348866	0.976634137	11	0	0.944228234				
BCAN	ENSG00000132692.18	0.083009784	1	1	0.083009784	Brain_Cerebellum			
	0.083009784	Brain_Cerebellum1	1	1	1.73348341	1.73348341	1.73348341		
	NA	1	0	0.944228234					
FAM212B	ENSG00000197852.9	0.083015822	1	1	0.083015822				
	Brain_Putamen_basal_ganglia	0.083015822	Brain_Putamen_basal_ganglia1	1					
	1	1.73344941	1.73344941	1.73344941	NA	1	0	0.944228234	
TREX1	ENSG00000213689.11	0.083084897	13	5	0.037594475				
	Brain_Hypothalamus	0.675653452	Brain_Cortex	8.660615241					
	0.003351634	0.443155702	-1.603245109	2.079248944	1.094284717				
	1.029915676	5	0	0.944228234					
MORF4L1	ENSG00000185787.14	0.083106268	1	1	0.083106268				
	Brain_Cerebellum	0.083106268	Brain_Cerebellum1	1	1	1	-1.732940369		
	-1.732940369	-1.732940369	NA	1	0	0.944228234			
CEBPZOS	ENSG00000218739.9	0.083294553	13	6	0.001608011				
	Brain_Hippocampus	0.182609382	Brain_Caudate_basal_ganglia	8.715464419					
	0.008160741	0.464604678	1.332763638	3.154449778	2.53781253				
	0.456057913	6	0	0.944228234					
GPAA1	ENSG00000197858.10	0.083305475	7	2	0.056984321				
	Brain_Anterior_cingulate_cortex_BA24	0.984944548	Brain_Amygdala						
	6.114352056	0.008527913	0.586961112	-0.018870331	1.903431063				
	0.487376408	0.662921652	2	0	0.944228234				
RP11-734I18.1	ENSG00000251129.1	0.083427798	5	5	0.041180859				
	Brain_Spinal_cord_cervical_c-1	0.583665836	Brain_Amygdala	3.12229104					
	0.17550622	0.17550622	-0.548037964	2.041704436	0.885950931				
	0.968242268	5	0	0.944228234					
AQP7	ENSG00000165269.12	0.083451781	10	10	0.002389957				
	Brain_Frontal_Cortex_BA9	0.930540712	Brain_Cerebellum	2.83495106					
	0.130877275	0.130877275	-3.036936613	0.682979101	-0.771994194				
	1.011326673	10	0	0.944228234					
MAPK8IP2	ENSG00000008735.13	0.083560561	3	3	0.145688133				
	Brain_Cerebellum	0.595090898	Brain_Cerebellar_Hemisphere	1.758791284					
	0.301907776	0.301907776	-0.531473215	1.454931838	0.639417474				
	1.039793493	3	0	0.944228234					
SFT2D1	ENSG00000198818.9	0.083609873	2	2	0.112337787				
	Brain_Cerebellum	0.132192152	Brain_Anterior_cingulate_cortex_BA24						
	1.035426202	0.964573798	0.964573798	-1.587772524	-1.505513331				
	-1.546642927	0.058166033	2	0	0.944228234				
NFXL1	ENSG00000170448.11	0.083631917	11	8	0.06613533				
	Brain_Frontal_Cortex_BA9	0.81660875	Brain_Cerebellum	5.070261896					
	0.005968219	0.275538317	-1.717227817	1.83750533	-0.052623999				
	1.077727235	8	0	0.944228234					
RPGRIP1	ENSG00000092200.12	0.083755599	3	3	0.036031354				
	Brain_Cerebellum	0.520296763	Brain_Cortex	1.14646161	0.822386867				
	0.822386867	-2.096573423	0.64288802	-0.922928912	1.411209288				3
	0	0.944228234							
LINC01856	ENSG00000237574.1	0.083856536	1	1	0.083856536				
	Brain_Anterior_cingulate_cortex_BA24	0.083856536							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.728734992				
	1.728734992	1.728734992	NA	1	0	0.944228234			
ID4	ENSG00000172201.11	0.083881657	3	3	0.014423795				
	Brain_Caudate_basal_ganglia	0.904121423	Brain_Nucleus_accumbens_basal_ganglia						
	1.272666693	0.720125289	0.720125289	-2.446532101	0.774108519				
	-0.597626741	1.662498114	3	0	0.944228234				
CCDC126	ENSG00000169193.11	0.083888868	1	1	0.083888868				
	Brain_Spinal_cord_cervical_c-1	0.083888868	Brain_Spinal_cord_cervical_c-1	1					
	1	1	-1.728555498	-1.728555498	-1.728555498	NA	1	0	
	0.944228234								
RP11-419I17.2	ENSG00000270154.1	0.083895697	2	2	0.026177514				
	Brain_Amygdala	0.788256912	Brain_Cortex	1.071428375	0.928571625				
	0.928571625	-2.223568148	-0.268574793	-1.24607147	1.382389058				
	2	0	0.944228234						

RBM26	ENSG00000139746.15	0.083903191	2	2	0.026108694			
	Brain_Cerebellar_Hemisphere	0.080747014			Brain_Cerebellum	1.759932245		
	0.240067755	0.240067755	-2.224591193		-1.746368075		-1.985479634	
	0.338154809	2	0	0.944228234				
VAMP8	ENSG00000118640.10	0.083972812	1	1	0.083972812			
	Brain_Nucleus_accumbens_basal_ganglia	0.083972812						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.728085972			
	-1.728085972	-1.728085972	NA	1	0	0.944228234		
EIF4E2	ENSG00000135930.13	0.083975676	2	2	0.072778077			
	Brain_Caudate_basal_ganglia	0.24633083			Brain_Cortex	1.085366127		
	0.914633873	0.914633873	-1.159307588		1.794219897		0.317456155	
	2.088459313	2	0	0.944228234				
PSMA5	ENSG00000143106.12	0.083980171	1	1	0.083980171			
	Brain_Spinal_cord_cervical_c-1	0.083980171			Brain_Spinal_cord_cervical_c-1			
	1	1	-1.728044922	-1.728044922	-1.728044922	NA	1	0
	0.944228234							
SNTB2	ENSG00000168807.16	0.08407488	2	2	0.047376659			
	Brain_Cerebellar_Hemisphere	0.340555248			Brain_Cerebellum	1.791767546		
	0.208232454	0.208232454	0.953068732		1.982917378		1.467993055	
	0.728212961	2	0	0.944228234				
PENK	ENSG00000181195.10	0.084123314	2	2	0.05710087	Brain_Cerebellum		
	0.54216405	Brain_Cerebellar_Hemisphere	1.732949961		0.267050039			
	0.267050039	-1.90253789	-0.609543799		-1.256040844		0.914284889	
	2	0	0.944228234					
ZNF721	ENSG00000182903.15	0.084148752	4	3	0.033927043			
	Brain_Cerebellum	0.33878167	Brain_Anterior_cingulate_cortex_BA24	3.514569989				
	0.032850819	0.122012997	-2.120937725		-0.956575283		-1.485249744	
	0.511850449	3	0	0.944228234				
ARNT	ENSG00000143437.20	0.084157859	11	5	0.034821143			
	Brain_Cerebellar_Hemisphere	0.946326489			Brain_Anterior_cingulate_cortex_BA24			
	8.234466198	0.002914546	0.44543404		-0.449680577		2.110432222	
	0.004605501	0.719926944	5	0	0.944228234			
MCOLN1	ENSG00000090674.15	0.084298858	1	1	0.084298858			
	Brain_Anterior_cingulate_cortex_BA24	0.084298858						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.726269953			
	-1.726269953	-1.726269953	NA	1	0	0.945052344		
SHH	ENSG00000164690.7	0.084388323	3	3	0.010868028	Brain_Amygdala		
	0.745418158	Brain_Caudate_basal_ganglia	1.357534484		0.624574286			
	0.624574286	-2.546913786	-0.324686758		-1.104709608		1.250374473	
	3	0	0.945153761					
ZNF322	ENSG00000181315.10	0.084443013	13	3	0.006806277			
	Brain_Spinal_cord_cervical_c-1	0.158330235			Brain_Substantia_nigra			
	11.02623981	0.002800557	0.420448483		-2.706176924		-1.410709683	
	-2.14868189	0.399421644	3	0	0.945153761			
OLFML1	ENSG00000183801.7	0.084544585	1	1	0.084544585			
	Brain_Hippocampus	0.084544585	Brain_Hippocampus	1	1	1		
	-1.724905054	-1.724905054	-1.724905054	NA	1	0	0.945534199	
KNDC1	ENSG00000171798.17	0.084668757	3	3	0.02742416	Brain_Cerebellum		
	0.285136065	Brain_Caudate_basal_ganglia	1.464292795		0.424925226			
	0.424925226	-1.548045784	2.205426793		0.575411224		1.924773347	
	3	0	0.945562561					
MRPL28	ENSG00000086504.15	0.084682288	7	7	0.020485605			
	Brain_Caudate_basal_ganglia	0.771578541			Brain_Hippocampus	3.931539233		
	0.167818085	0.167818085	-2.317332886		0.290310716		-1.326787057	
	1.039320595	7	0	0.945562561				
RNF185	ENSG00000138942.15	0.084966809	4	3	0.053736676			
	Brain_Cerebellum	0.931368091	Brain_Frontal_Cortex_BA9	3.278043998				
	0.047980912	0.185164966	-0.086123691		1.928953173		1.327435311	
	0.950966239	3	0	0.946087088				
STARD5	ENSG00000172345.13	0.085073026	2	2	0.047609148			
	Brain_Cortex	0.387148448	Brain_Cerebellum	1.068273293		0.931726707		
	0.931726707	-1.980840636	0.864800225		-0.558020205		2.01217195	2

0	0.946087088								
OAZ2	ENSG00000180304.14	0.085087363	1	1	0.085087363				
	Brain_Frontal_Cortex_BA9	0.085087363			Brain_Frontal_Cortex_BA9	1	1		
	1	1.721901499	1.721901499	1.721901499	NA	1	0		
	0.946087088								
TMEM33	ENSG00000109133.12	0.085095907	1	1	0.085095907				
	Brain_Cerebellum	0.085095907			Brain_Cerebellum	1	1	1	-1.721854347
	-1.721854347	-1.721854347	NA	1	0	0.946087088			
TMEM198	ENSG00000188760.10	0.08511998	1	1	0.08511998				
	Brain_Putamen_basal_ganglia	0.08511998			Brain_Putamen_basal_ganglia	1	1	1	
	-1.721721502	-1.721721502	-1.721721502	NA	1	0	0.946087088		
NT5C1A	ENSG00000116981.3	0.085288716	1	1	0.085288716				
	Brain_Cerebellar_Hemisphere	0.085288716			Brain_Cerebellar_Hemisphere	1	1		
	1	1.720791219	1.720791219	1.720791219	NA	1	0		
	0.946087088								
EHMT1	ENSG00000181090.19	0.085391174	2	2	0.06402517	Brain_Hypothalamus			
	0.201184635	Brain_Frontal_Cortex_BA9	1.031138219	0.968861781					
	0.968861781	1.278183776	1.852004547	1.565094162	0.405752558				
	2	0	0.946087088						
ROR1	ENSG00000185483.11	0.085402559	5	5	0.043220874				
	Brain_Hippocampus	0.909502653			Brain_Cortex	1.334056997			
	0.649231912	0.649231912	-2.021569223	0.800833176	-0.320242132				
	1.275211781	5	0	0.946087088					
CTC-360G5.9	ENSG00000269486.2	0.085424269	13	4	0.176190759				
	Brain_Hippocampus	0.905757126			Brain_Nucleus_accumbens_basal_ganglia				
	10.09499733	0.00379803	0.407083185	-1.335991577	1.352577142				
	0.02643534	0.830118614	4	0	0.946087088				
GLIPR1	ENSG00000139278.9	0.085454937	5	5	0.025360658				
	Brain_Caudate_basal_ganglia	0.680921151			Brain_Cortex	3.21686824			
	0.193545106	0.193545106	-2.235864355	0.411206461	-1.048017029				
	1.053206933	5	0	0.946087088					
CCDC187	ENSG00000260220.6	0.085473096	1	1	0.085473096				
	Brain_Caudate_basal_ganglia	0.085473096			Brain_Caudate_basal_ganglia	1	1		
	1	-1.719776392	-1.719776392	-1.719776392	NA	1	0		
	0.946087088								
SLC43A3	ENSG00000134802.17	0.085880827	2	2	0.036584836				
	Brain_Cerebellar_Hemisphere	0.037414551			Brain_Cerebellum	1.772319364			
	0.227680636	0.227680636	2.081211502	2.090367099	2.085789301				
	0.006473984	2	0	0.948453588					
RP11-1293J14.1	ENSG00000271868.1	0.085896208	7	6	0.036538812				
	Brain_Cerebellar_Hemisphere	0.618733468			Brain_Nucleus_accumbens_basal_ganglia				
	3.782018733	0.051047472	0.170436975	-0.903836606	2.090880114				
	0.963220404	1.221767512	6	0	0.948453588				
NRSN1	ENSG00000152954.11	0.08592797	4	4	0.022407469				
	Brain_Putamen_basal_ganglia	0.979835123			Brain_Spinal_cord_cervical_c-1				
	1.869423251	0.175301897	0.175301897	-2.283388925	0.08357648				
	-0.75641879	1.104120734	4	0	0.948453588				
FAM220A	ENSG00000178397.12	0.086034728	1	1	0.086034728				
	Brain_Frontal_Cortex_BA9	0.086034728			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.716696021	-1.716696021	-1.716696021	NA	1	0		
	0.948453588								
GBGT1	ENSG00000148288.11	0.086117833	5	5	0.003359403				
	Brain_Anterior_cingulate_cortex_BA24	0.812817615							
	Brain_Nucleus_accumbens_basal_ganglia	1.257840685			0.743528686				
	0.743528686	-0.864977347	2.932781421	0.194405126	1.553146021				
	5	0	0.948453588						
FBXO18	ENSG00000134452.19	0.086129409	1	1	0.086129409				
	Brain_Cortex	0.086129409			Brain_Cortex	1	1	1	1.716178326
	1.716178326	1.716178326	NA	1	0	0.948453588			
C1QB	ENSG00000173369.15	0.086161426	2	2	0.068897278				
	Brain_Anterior_cingulate_cortex_BA24	0.270111705			Brain_Hypothalamus				
	1.085273304	0.914726696	0.914726696	1.102805349	1.819092767				

1.460949058	0.50649169	2	0	0.948453588				
MGST2	ENSG00000085871.8	0.086327937	4	4	0.007334133			
	Brain_Nucleus_accumbens_basal_ganglia	0.580072121				Brain_Amygdala		
1.841904461	0.324352956	0.324352956			-2.681279034	0.553279376		
-1.299275154	1.482582078		4	0	0.949539443			
TUBGCP3	ENSG00000126216.13	0.086600037	2	2	0.031511599			
	Brain_Cerebellum	0.733248779				Brain_Cortex	1.381051135	0.618948865
0.618948865	-2.150551733				-0.340807134	-1.245679434	1.279682678	
2	0	0.950309951						
XRCC4	ENSG00000152422.15	0.086636209	4	4	0.118170473			
	Brain_Caudate_basal_ganglia	0.862170658				Brain_Putamen_basal_ganglia		
2.570666346	0.121428431	0.121428431			-0.173611673	1.562499035		
0.978436901	0.786652238		4	0	0.950309951			
LINC00957	ENSG00000235314.1	0.086696823	10	4	0.01604256			
	Brain_Hippocampus	0.892334359				Brain_Nucleus_accumbens_basal_ganglia		
8.318130721	0.010944358	0.284879723			-0.135351006	2.40794586		
1.915932226	0.755278495		4	0	0.950309951			
PAFAH1B2	ENSG00000168092.13	0.086903357	3	3	0.042431026			
	Brain_Cortex	0.46069512				Brain_Cerebellum	1.84597148	0.160204694
0.160204694	0.737702719	2.029267749			1.431252594	0.651060841		
3	0	0.950309951						
NDRG4	ENSG00000103034.14	0.086934637	3	3	0.018602137			
	Brain_Anterior_cingulate_cortex_BA24	0.839780698				Brain_Cerebellum	1.79678464	
0.299501498	0.299501498	-0.202174			2.35340946	0.912231831	1.30875382	
3	0	0.950309951						
IL11RA	ENSG00000137070.17	0.08695638	10	10	0.004348323		Brain_Amygdala	
0.880121433		Brain_Cerebellum	2.788493496		0.214984116	0.214984116		
-0.798717587	2.851721107	0.802119267			1.190413522	10	0	
0.950309951								
SPPL2B	ENSG00000005206.16	0.087008777	4	4	0.016836204			
	Brain_Hippocampus	0.880562955				Brain_Cerebellum	1.500081779	
0.548559521	0.548559521	-2.390265342			1.253585171	-0.212479661		
1.561816729	4	0	0.950309951					
RGL1	ENSG00000143344.15	0.087010896	2	2	0.033919364			
	Brain_Caudate_basal_ganglia	0.811807593				Brain_Amygdala	1.175618353	
0.824381647	0.824381647	-2.121028974			0.238094767	-0.941467103		
1.668152395	2	0	0.950309951					
NDST1-AS1	ENSG00000254333.1	0.087143162	11	3	0.012967519			
	Brain_Spinal_cord_cervical_c-1	0.187931729				Brain_Hippocampus		
9.150181632	0.004251785	0.345465906			1.316722291	2.484660078		
2.10403351	0.381559136	3	0	0.950309951				
TAS1R3	ENSG00000169962.4	0.08728398	2	2	0.028815498			
	Brain_Cerebellar_Hemisphere	0.087072307				Brain_Cerebellum	1.856791709	
0.143208291	0.143208291	-2.186001466			-1.711047705	-1.948524585		
0.335843025	2	0	0.950309951					
SLC9A3R2	ENSG00000065054.13	0.087424769	1	1	0.087424769			
	Brain_Cerebellar_Hemisphere	0.087424769				Brain_Cerebellar_Hemisphere	1	1
1	1.709141356	1.709141356	1.709141356	NA	1	0		
0.950309951								
DKFZP434A062	ENSG00000262075.3	0.087542867	1	1	0.087542867			
	Brain_Cortex	0.087542867				Brain_Cortex	1	1
-1.70850399	-1.70850399	NA	1	0	0.950309951			
NUP50-AS1	ENSG00000226328.6	0.087567663	4	3	0.045326824			
	Brain_Cortex	0.356267667				Brain_Frontal_Cortex_BA9	2.546584584	
0.058102879	0.420414202	-1.462248076			2.00160878	0.679684473		
1.497494521	3	0	0.950309951					
FMO1	ENSG00000010932.16	0.087600296	2	2	0.027331612			
	Brain_Hypothalamus	0.27863377				Brain_Hippocampus	1.496528038	
0.503471962	0.503471962	-2.206748829			-1.083393567	-1.645071198		
0.794332124	2	0	0.950309951					
ZNF484	ENSG00000127081.13	0.087617231	2	2	0.033644649			
	Brain_Cerebellar_Hemisphere	0.051027624				Brain_Cerebellum	1.724779071	

	0.275220929	0.275220929	-2.124304984	-1.951247395	-2.037776189				
	0.122370195	2	0	0.950309951					
DDX41	ENSG00000183258.11	0.087661972	1	1	0.087661972				
	Brain_Frontal_Cortex_BA9	0.087661972			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.707861889	-1.707861889	-1.707861889	NA	1	0		
	0.950309951								
RIPK3	ENSG00000129465.15	0.087668207	2	2	0.050769562				
	Brain_Anterior_cingulate_cortex_BA24	0.067555458			Brain_Frontal_Cortex_BA9				
	1.473059382	0.526940618	0.526940618	1.827960646	1.953422419				
	1.890691533	0.08871487	2	0	0.950309951				
FXR2	ENSG00000129245.11	0.087683848	1	1	0.087683848			Brain_Amygdala	
	0.087683848	Brain_Amygdala	1	1	1	-1.707744035	-1.707744035	-1.707744035	
	-1.707744035	NA	1	0	0.950309951				
FAM181B	ENSG00000182103.4	0.08777586	1	1	0.08777586				
	Brain_Caudate_basal_ganglia	0.08777586	Brain_Caudate_basal_ganglia	1	1	1			
	-1.707248575	-1.707248575	-1.707248575	NA	1	0	0.950309951		
ZNF668	ENSG00000167394.12	0.087851043	2	2	0.042879754				
	Brain_Cerebellar_Hemisphere	0.081249255			Brain_Cortex	1.483043853			
	0.516956147	0.516956147	-2.024879355	-1.743483153	-1.884181254				
	0.198977163	2	0	0.950309951					
BRI3	ENSG00000164713.9	0.088013723	1	1	0.088013723			Brain_Cerebellum	
	0.088013723	Brain_Cerebellum	1	1	1	-1.705969691	-1.705969691	-1.705969691	
	-1.705969691	NA	1	0	0.950309951				
JAZF1	ENSG00000153814.11	0.088087172	1	1	0.088087172				
	Brain_Spinal_cord_cervical_c-1	0.088087172			Brain_Spinal_cord_cervical_c-1				
	1	1	1	1.70557535	1.70557535	1.70557535	NA	1	0
	0.950309951								
PLEKHH1	ENSG00000054690.13	0.088272525	2	2	0.289939532				
	Brain_Cerebellum	0.984082541			Brain_Cerebellar_Hemisphere	1.872720261			
	0.127279739	0.127279739	-1.058254276	0.0199509	-0.519151688				
	0.762406192	2	0	0.950309951					
ARL4A	ENSG00000122644.12	0.0883378	1	1	0.0883378			Brain_Cerebellar_Hemisphere	
	0.0883378	Brain_Cerebellar_Hemisphere	1	1	1	1.704231747			
	1.704231747	1.704231747	NA	1	0	0.950309951			
PPIAL4A	ENSG00000263353.3	0.088338931	2	2	0.028087444				
	Brain_Cerebellum	0.229295067			Brain_Cerebellar_Hemisphere	1.610371989			
	0.389628011	0.389628011	-1.202176721	2.196062865	0.496943072				
	2.402918256	2	0	0.950309951					
PRR29-AS1	ENSG00000264954.1	0.088395317	1	1	0.088395317				
	Brain_Cortex	0.088395317	Brain_Cortex	1	1	1	1.703923836		
	1.703923836	1.703923836	NA	1	0	0.950309951			
SEPHS2	ENSG00000179918.18	0.088469802	2	2	0.05713908				
	Brain_Spinal_cord_cervical_c-1	0.225887593			Brain_Putamen_basal_ganglia				
	1.05406564	0.94593436	0.94593436	-1.211020383	1.902245402	0.34561251			
	2.201411348	2	0	0.950309951					
CPM	ENSG00000135678.11	0.088485755	4	4	0.06726681			Brain_Cortex	
	0.353788794	Brain_Spinal_cord_cervical_c-1			2.468148059	0.102429572			
	0.102429572	-0.931226575	1.829887186	0.850344177	1.247022492				
	4	0	0.950309951						
RP11-17E3.1	ENSG00000278532.1	0.088563213	1	1	0.088563213				
	Brain_Substantia_nigra	0.088563213	Brain_Substantia_nigra	1	1				
	1	-1.703025948	-1.703025948	-1.703025948	NA	1	0		
	0.950309951								
MC1R	ENSG00000258839.3	0.088587992	11	5	0.015647103				
	Brain_Putamen_basal_ganglia	0.433020867			Brain_Anterior_cingulate_cortex_BA24				
	8.192879312	0.011249257	0.317893258	0.784032795	2.417044521				
	1.756136101	0.512242804	5	0	0.950309951				
AC005498.4	ENSG00000267224.1	0.088657402	4	4	0.056340722				
	Brain_Cerebellum	0.660332619			Brain_Frontal_Cortex_BA9	2.384323599			
	0.100308633	0.100308633	-0.439453983	1.908390823	0.917530139				
	1.009582161	4	0	0.950309951					
PVALB	ENSG00000100362.12	0.088683904	1	1	0.088683904			Brain_Cerebellum	
	0.088683904	Brain_Cerebellum	1	1	1	1.702381349	1.702381349	1.702381349	

1.702381349	NA	1	0	0.950309951					
PSEN1	ENSG00000080815.18	0.088796594	1	1	0.088796594				
	Brain_Cerebellar_Hemisphere	0.088796594			Brain_Cerebellar_Hemisphere	1	1		
	1_1.701780122	1.701780122	1.701780122	NA	1	0			
	0.950309951								
PCBP3	ENSG00000183570.16	0.088903028	6	4	0.006209366				
	Brain_Frontal_Cortex_BA9	0.082663147			Brain_Cerebellum	4.687873198			
	0.034522468	0.185679956	-2.73651554	-1.735438606	-2.262617119				
	0.389736708	4	0	0.950309951					
LINC01451	ENSG00000279141.3	0.089056533	1	1	0.089056533				
	Brain_Cerebellum	0.089056533			Brain_Cerebellum	1	1	1	1.700395632
	1.700395632	1.700395632	NA	1	0	0.950309951			
C1GALT1C1L	ENSG00000223658.7	0.089064575	1	1	0.089064575				
	Brain_Spinal_cord_cervical_c-1	0.089064575			Brain_Spinal_cord_cervical_c-1				
	1_1_1	1.70035285	1.70035285	1.70035285	NA	1	0	0.950309951	
RP11-758H9.2	ENSG00000273702.1	0.08910603	2	2	0.030585417				
	Brain_Cortex	0.058453872			Brain_Cerebellar_Hemisphere	1.753557502			
	0.246442498	0.246442498	1.892278587	2.162425197	2.027351892				
	0.1910225	2	0	0.950309951					
DNAJC21	ENSG00000168724.14	0.089108486	1	1	0.089108486				
	Brain_Frontal_Cortex_BA9	0.089108486			Brain_Frontal_Cortex_BA9	1	1		
	1_-1.700119309	-1.700119309	-1.700119309	NA	1	0			
	0.950309951								
TNFSF14	ENSG00000125735.10	0.089114833	1	1	0.089114833				
	Brain_Substantia_nigra	0.089114833			Brain_Substantia_nigra	1	1		
	1_-1.70008556	-1.70008556	-1.70008556	NA	1	0			
	0.950309951								
C1orf27	ENSG00000157181.15	0.089114906	6	5	0.096335827				
	Brain_Hypothalamus	0.650430181			Brain_Cerebellar_Hemisphere	3.449317712			
	0.042582805	0.300114295	-1.662883153	0.907996876	-0.39929381				
	0.982115665	5	0	0.950309951					
AP5S1	ENSG00000125843.10	0.089286229	2	2	0.028684462				Brain_Cerebellum
	0.393237703	Brain_Cerebellar_Hemisphere	1.475861992	0.524138008					
	0.524138008	0.853760503	2.187796041	1.520778272	0.943305575				
	2	0	0.951411752						
KIF9	ENSG00000088727.12	0.089464069	1	1	0.089464069				
	Brain_Hypothalamus	0.089464069			Brain_Hypothalamus	1	1	1	
	1.698231546	1.698231546	1.698231546	NA	1	0	0.952099339		
AC011995.1	ENSG00000237720.1	0.089486858	4	4	0.038205488				
	Brain_Caudate_basal_ganglia	0.517519739			Brain_Nucleus_accumbens_basal_ganglia				
	1.409363882	0.59998248	0.59998248	-2.072643297	1.647344	-0.580262295			
	1.595885526	4	0	0.952099339					
ST8SIA6	ENSG00000148488.15	0.089594123	1	1	0.089594123				
	Brain_Cerebellar_Hemisphere	0.089594123			Brain_Cerebellar_Hemisphere	1	1		
	1_1.697542609	1.697542609	1.697542609	NA	1	0			
	0.952420243								
RAB17	ENSG00000124839.12	0.089813549	3	2	0.023881641				Brain_Cortex
	0.11289235	Brain_Anterior_cingulate_cortex_BA24	2.592689124	0.012607052					
	0.394703824	1.585325714	2.259028029	1.98614668	0.354605572	2			
	0	0.952420243							
HLA-DQA1	ENSG00000196735.11	0.08988419	9	7	0.007975966				
	Brain_Anterior_cingulate_cortex_BA24	0.847472721			Brain_Cortex				
	4.059890872	0.092429676	0.217651193	-1.29930358	2.65308552				
	0.046952195	1.140938789	7	0	0.952420243				
NMB	ENSG00000197696.9	0.089892054	1	1	0.089892054				
	Brain_Caudate_basal_ganglia	0.089892054			Brain_Caudate_basal_ganglia	1	1		
	1_-1.695967401	-1.695967401	-1.695967401	NA	1	0			
	0.952420243								
GPD1	ENSG00000167588.12	0.089924308	2	2	0.039524027				Brain_Cerebellum
	0.172438179	Brain_Cerebellar_Hemisphere	1.854696251	0.145303749					
	0.145303749	1.364411217	2.058689139	1.711550178	0.490928627				
	2	0	0.952420243						

SPAG9	ENSG00000008294.20	0.089925462	2	1	0.071547433	Brain_Cerebellum
	0.114727175	Brain_Putamen_basal_ganglia	1.985522352	0.014477648		
	1.985522352	-1.577297117	1.801987111	0.112344997	2.389514793	
	1	0	0.952420243			
AKAP8L	ENSG00000011243.17	0.090057514	2	2	0.0329849	
	Brain_Substantia_nigra	0.610019471	Brain_Cerebellum	1.003605183		
	0.996394817	0.996394817	-2.13226704	0.510045663	-0.811110688	
	1.86839723	2	0	0.95259636		
RNPS1	ENSG000000205937.11	0.090146052	11	3	0.015569622	
	Brain_Hippocampus	0.916936926	Brain_Frontal_Cortex_BA9	8.435016572		
	0.000323129	0.848873555	-2.418850878	0.757234388	0.10433538	
	0.900773096	3	0	0.95259636		
SHROOM3	ENSG00000138771.14	0.090194422	4	4	0.044759431	
	Brain_Cerebellar_Hemisphere	0.74929592	Brain_Cerebellum	1.726020587		
	0.315631424	0.315631424	-2.00690827	1.050648503	-0.546686001	
	1.273835805	4	0	0.95259636		
ENKUR	ENSG00000151023.16	0.090214436	2	2	0.081491226	Brain_Amygdala
	0.21245362	Brain_Putamen_basal_ganglia	1.048413489	0.951586511		
	0.951586511	1.246846954	1.74209841	1.494472682	0.350195663	2
	0	0.95259636				
THAP3	ENSG00000041988.15	0.090287921	3	3	0.014902212	Brain_Cerebellum
	0.315393239	Brain_Cortex	2.376057945	0.101018659	0.101018659	
	-2.434746837	-1.003969657	-1.644766494	0.726961225	3	0
	0.952653319					
HMOX2	ENSG00000103415.11	0.090445378	2	1	0.082283897	Brain_Cerebellum
	0.102139479	Brain_Nucleus_accumbens_basal_ganglia	1.983552653			
	0.016447347	1.983552653	-1.63456877	1.737585386	0.051508308	
	2.384473071	1	0	0.953595542		
REEP2	ENSG00000132563.15	0.090516819	3	3	0.175781806	Brain_Cerebellum
	0.289783178	Brain_Cortex	1.465197411	0.592114889	0.592114889	
	-1.058597386	1.353857621	0.495810542	1.348582076	3	0
	0.953630131					
AMPD3	ENSG00000133805.15	0.090763073	13	8	0.057082376	
	Brain_Frontal_Cortex_BA9	0.954063394	Brain_Cerebellum	6.882868544		
	0.058448404	0.268434677	-0.740009369	1.902679518	0.493351588	
	0.678818347	8	0	0.955505003		
AKR1C2	ENSG00000151632.17	0.090832845	12	1	0.016302379	
	Brain_Hypothalamus	0.295772923	Brain_Caudate_basal_ganglia	11.00517619		
	0.00074031	11.00517619	1.045541169	2.402074707	1.619291452	
	0.353298999	1	0	0.955520549		
SPACA6	ENSG00000182310.13	0.091131079	1	1	0.091131079	
	Brain_Frontal_Cortex_BA9	0.091131079	Brain_Frontal_Cortex_BA9	1	1	
	1	-1.68946121	-1.68946121	-1.68946121	NA	1
	0.957814531				0	
SEMA3B	ENSG00000012171.19	0.091187832	1	1	0.091187832	
	Brain_Nucleus_accumbens_basal_ganglia	0.091187832				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.689164908	
	-1.689164908	-1.689164908	NA	1	0	0.957814531
C21orf91	ENSG00000154642.10	0.091259422	2	2	0.043391012	
	Brain_Cerebellum	0.055746059	Brain_Cerebellar_Hemisphere	1.620352874		
	0.379647126	0.379647126	1.913015574	2.019926505	1.966471039	
	0.075597444	2	0	0.957847387		
PSME4	ENSG00000068878.14	0.091394192	1	1	0.091394192	
	Brain_Substantia_nigra	0.091394192	Brain_Substantia_nigra	1	1	
	1	-1.688088758	-1.688088758	-1.688088758	NA	1
	0.958542836				0	
HIST1H2BJ	ENSG00000124635.8	0.091575448	1	1	0.091575448	
	Brain_Cerebellar_Hemisphere	0.091575448	Brain_Cerebellar_Hemisphere	1	1	
	1	-1.687145138	-1.687145138	-1.687145138	NA	1
	0.958592126				0	
KPNB1	ENSG00000108424.9	0.091637038	1	1	0.091637038	
	Brain_Cerebellar_Hemisphere	0.091637038	Brain_Cerebellar_Hemisphere	1	1	

1	1.68682484	1.68682484	1.68682484	NA	1	0	0.958592126	
CCDC127	ENSG00000164366.3	0.091825839	0.091825839		11	4	0.041386339	
	Brain_Hypothalamus	0.898034552	0.898034552		Brain_Frontal_Cortex_BA9		9.121795342	
	0.002723471	0.31965708	0.128144587		2.039638557		1.141047525	
	0.52415788	4	0	0.958592126				
ZNF596	ENSG00000172748.13	0.091859236	0.091859236		1	1	0.091859236	
	Brain_Cerebellum	0.091859236	0.091859236		Brain_Cerebellum1	1	1	-1.685670738
	-1.685670738	-1.685670738	NA	1	0	0.958592126		
MT1F	ENSG00000198417.6	0.091996854	0.091996854		1	1	0.091996854	Brain_Cerebellum
	0.091996854	Brain_Cerebellum1	1	1	1	1.684957073		1.684957073
	1.684957073	NA	1	0	0.958592126			
FTCD	ENSG00000160282.13	0.092059044	0.092059044		12	3	0.080251072	Brain_Cerebellum
	0.670041639	Brain_Anterior_cingulate_cortex_BA24	8.36707897	0.015381579				
	0.523622152	-1.749231147	0.76737811	-1.00850732	0.692227245			3
	0	0.958592126						
KCNJ12	ENSG00000184185.9	0.092067481	0.092067481		4	4	0.0689058	
	Brain_Nucleus_accumbens_basal_ganglia	0.448043731	0.448043731		Brain_Hypothalamus			
	1.621910508	0.455555987	0.455555987		-1.273199904		1.819036905	
	0.258029471	1.504342734	4	0	0.958592126			
RP11-379F4.7	ENSG00000272087.1	0.092129116	0.092129116		1	1	0.092129116	
	Brain_Hippocampus	0.092129116	0.092129116		Brain_Hippocampus	1	1	1
	-1.684271991	-1.684271991	-1.684271991	NA	1	0	0.958592126	
RGS16	ENSG00000143333.6	0.092169526	0.092169526		2	2	0.031150708	
	Brain_Nucleus_accumbens_basal_ganglia	0.681656733	0.681656733		Brain_Cerebellar_Hemisphere			
	1.343546465	0.656453535	0.656453535		-2.155142201		-0.41020342	
	-1.28267281	1.233858045	2	0	0.958592126			
B4GALT5	ENSG00000158470.5	0.092229716	0.092229716		3	3	0.013617352	
	Brain_Cerebellar_Hemisphere	0.698039171	0.698039171		Brain_Spinal_cord_cervical_c-1			
	1.813576656	0.174336611	0.174336611		-2.467201988		0.387968735	
	-1.367402546	1.53633681	3	0	0.958592126			
LINC01151	ENSG00000253819.1	0.092277051	0.092277051		1	1	0.092277051	
	Brain_Cerebellum	0.092277051	0.092277051		Brain_Cerebellum1	1	1	-1.683506659
	-1.683506659	-1.683506659	NA	1	0	0.958592126		
NALCN	ENSG00000102452.15	0.092350663	0.092350663		3	3	0.015574307	
	Brain_Cerebellar_Hemisphere	0.762226944	0.762226944		Brain_Caudate_basal_ganglia			
	1.169342636	0.837110535	0.837110535		0.302557714		2.418741411	
	1.218861906	1.086218016	3	0	0.958592126			
LYAR	ENSG00000145220.13	0.092514405	0.092514405		1	1	0.092514405	
	Brain_Putamen_basal_ganglia	0.092514405	0.092514405		Brain_Putamen_basal_ganglia1	1	1	
	1	-1.682280784	-1.682280784	-1.682280784	NA	1	0	
	0.958592126							
MBD5	ENSG00000204406.12	0.092540247	0.092540247		1	1	0.092540247	Brain_Cerebellum
	0.092540247	Brain_Cerebellum1	1	1	1	-1.682147473		-1.682147473
	-1.682147473	NA	1	0	0.958592126			
LINC00472	ENSG00000233237.6	0.092588611	0.092588611		1	1	0.092588611	
	Brain_Amygdala	0.092588611	0.092588611		Brain_Amygdala	1	1	1
	1.681898051	1.681898051	NA	1	0	0.958592126		1.681898051
	0.717215043	3	0	0.958592126				
GXYLT2	ENSG00000172986.12	0.092598553	0.092598553		9	3	0.106074025	
	Brain_Hippocampus	0.997644263	0.997644263		Brain_Putamen_basal_ganglia	7.450730629		
	0.014613336	0.408852588	-1.616093846	0.473402767		-0.200609533		
	0.717215043	3	0	0.958592126				
LINC01504	ENSG00000225434.2	0.092836042	0.092836042		2	2	0.029605695	
	Brain_Spinal_cord_cervical_c-1	0.910796373	0.910796373		Brain_Substantia_nigra			
	1.118890947	0.881109053	0.881109053		-0.112034095		2.175326	
	1.031645953	1.617407835	2	0	0.958592126			
SMAD4	ENSG00000141646.13	0.092869953	0.092869953		2	2	0.03843264	
	Brain_Substantia_nigra	0.710685419	0.710685419		Brain_Cerebellum1	1.147432193		
	0.852567807	0.852567807	0.370935707		2.070210464		1.220573086	
	1.201568704	2	0	0.958592126				
PSG8-AS1	ENSG00000225877.1	0.092931349	0.092931349		2	2	0.029344843	
	Brain_Caudate_basal_ganglia	0.945348853	0.945348853		Brain_Cerebellar_Hemisphere			
	1.000604229	0.999395771	0.999395771		-2.178822689		0.068548702	

	-1.055136994	1.58913155	2	0	0.958592126				
SLC35F4	ENSG00000151812.14	0.092993468		3	3	0.06453311			
	Brain_Putamen_basal_ganglia	0.18035051				Brain_Cerebellar_Hemisphere	1.614910562		
	0.399849432	0.399849432		1.339676595		1.848478789		1.517289846	
	0.287069744	3	0	0.958592126					
ZNF528	ENSG00000167555.13	0.093024648		13	1	0.0413572			
	Brain_Hippocampus	0.416235919				Brain_Cerebellar_Hemisphere	11.97452156		
	0.0004555	11.97452156		-2.039930983		-0.812968848		-1.608012512	
	0.33493106	1	0	0.958592126					
CORO6	ENSG00000167549.18	0.093253239		4	4	0.047200394		Brain_Cerebellum	
	0.988328796	Brain_Cortex		2.153221447		0.280863166		0.280863166	
	-1.984497616	1.149529271		-0.071452634		1.357100131		4	0
	0.958592126								
ANXA9	ENSG00000143412.9	0.09336059	4	4	0.105330988				
	Brain_Frontal_Cortex_BA9	0.369580731				Brain_Caudate_basal_ganglia			
	1.960320119	0.32950995	0.32950995	-1.081563204		1.61954065		0.677493177	
	1.209232417	4	0	0.958592126					
TPP1	ENSG00000166340.15	0.093411958		1	1	0.093411958		Brain_Cerebellum	
	0.093411958	Brain_Cerebellum	1	1	1	1.677667856		1.677667856	
	1.677667856	NA	1	0	0.958592126				
RP11-496H1.2	ENSG00000273308.1	0.093420632		2	2	0.038369781			
	Brain_Cortex	0.285561757				Brain_Cerebellum	1.197142979	0.802857021	
	0.802857021	1.067908569		2.070882472		1.56939552	0.709209648		2
	0	0.958592126							
AQP11	ENSG00000178301.3	0.093433133		6	5	0.047025565			
	Brain_Hypothalamus	0.877636759				Brain_Anterior_cingulate_cortex_BA24			
	3.435267322	0.056032628		0.247272738		-1.343581417		1.986069882	
	0.253940953	1.122308882		5	0	0.958592126			
PRKAR2A	ENSG00000114302.15	0.093468976		2	2	0.104733156			
	Brain_Substantia_nigra	0.173043316				Brain_Anterior_cingulate_cortex_BA24			
	1.05387396	0.94612604	0.94612604	-1.362489943		1.62232791		0.129918983	
	2.110584944	2	0	0.958592126					
HSD11B2	ENSG00000176387.6	0.093551324		1	1	0.093551324			
	Brain_Frontal_Cortex_BA9	0.093551324				Brain_Frontal_Cortex_BA9	1	1	
	1	1.676954783	1.676954783	1.676954783		NA	1	0	
	0.958592126								
CYTH4	ENSG00000100055.20	0.093693137		1	1	0.093693137			
	Brain_Spinal_cord_cervical_c-1	0.093693137				Brain_Spinal_cord_cervical_c-1			
	1	1	1	-1.676230064		-1.676230064		NA	1
	0.958592126								0
ARRDC1	ENSG00000197070.13	0.093708684		4	3	0.056644334			
	Brain_Hypothalamus	0.982277195				Brain_Cerebellar_Hemisphere	2.885609519		
	0.041492454	0.251738324		-0.022214069		1.906045256		0.764225214	
	0.86949778	3	0	0.958592126					
BICDL2	ENSG00000162069.14	0.093776221		2	2	0.041822061			
	Brain_Amygdala	0.802342439				Brain_Frontal_Cortex_BA9	1.243457158		
	0.756542842	0.756542842		-0.250316705		2.035286427		0.892484861	
	1.616165473	2	0	0.958592126					
CRYBB2	ENSG00000244752.2	0.093807433		4	3	0.16600354			
	Brain_Caudate_basal_ganglia	0.474350339				Brain_Nucleus_accumbens_basal_ganglia			
	2.094284825	0.004832048		0.478639845		-0.715418735		1.385160029	
	0.689160966	0.951419997		3	0	0.958592126			
ANKMY2	ENSG00000106524.8	0.093811208		1	1	0.093811208			
	Brain_Cerebellum	0.093811208				Brain_Cerebellum	1	1	1
	-1.675627351	-1.675627351		NA	1	0		0.958592126	
HFE	ENSG00000010704.18	0.093867648		1	1	0.093867648			
	Brain_Nucleus_accumbens_basal_ganglia	0.093867648							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		-1.675339457			
	-1.675339457	-1.675339457		NA	1	0		0.958592126	
PPP2R2A	ENSG00000221914.9	0.09392554		1	1	0.09392554		Brain_Hippocampus	
	0.09392554	Brain_Hippocampus	1	1	1	1.675044301		1.675044301	
	1.675044301	NA	1	0	0.958592126				

CTD-2547L24.4	ENSG00000260810.1	0.093948532	2	2	0.045086256	
Brain_Hypothalamus	0.339970896	Brain_Cerebellar_Hemisphere	1.054972807			
0.945027193	0.945027193	0.954222761	2.003848829	1.479035795		
0.742197711	2	0	0.958592126			
EPB41L4A-AS2	ENSG00000278921.2	0.094058511	1	1	0.094058511	
Brain_Nucleus_accumbens_basal_ganglia	0.094058511					
Brain_Nucleus_accumbens_basal_ganglia	1	1	-1.674366916			
-1.674366916	-1.674366916	NA	1	0	0.958592126	
ZNF471	ENSG00000196263.7	0.094171404	9	4	0.022534254	
Brain_Amygdala	0.196851307	Brain_Cerebellar_Hemisphere	6.561342542			
0.007020493	0.39609464	1.290574372	2.281239915	1.743357478		
0.329423116	4	0	0.958592126			
CIDEC	ENSG00000187288.10	0.094263884	4	4	0.023176194	
Brain_Hippocampus	0.84204362	Brain_Caudate_basal_ganglia	1.572461187			
0.452161898	0.452161898	-0.199280132	2.270517639	0.964956474		
1.148223554	4	0	0.958592126			
CSTF2T	ENSG00000177613.8	0.094315817	2	2	0.03283565	
Brain_Substantia_nigra	0.633413968	Brain_Putamen_basal_ganglia				
1.031579761	0.968420239	0.968420239	-2.134087123	0.476927192		
-0.828579965	1.846265928	2	0	0.958592126		
RP11-571I18.4	ENSG00000272650.1	0.094338259	1	1	0.094338259	
Brain_Cortex	0.094338259	Brain_Cortex	1	1	1	1.672944313
1.672944313	1.672944313	NA	1	0	0.958592126	
RP11-390F4.6	ENSG00000236924.1	0.094411302	1	1	0.094411302	
Brain_Cortex	0.094411302	Brain_Cortex	1	1	1	1.672573426
1.672573426	1.672573426	NA	1	0	0.958592126	
DUSP14	ENSG00000276023.4	0.094493425	4	4	0.011023358	
Brain_Substantia_nigra	0.369397782	Brain_Nucleus_accumbens_basal_ganglia				
2.975394245	0.152076618	0.152076618	-2.541957499	-0.897601981		
-1.527769343	0.779063433	4	0	0.958592126		
WIPF2	ENSG00000171475.13	0.09452434	1	1	0.09452434	Brain_Substantia_nigra
0.09452434	Brain_Substantia_nigra	1	1	1	-1.671999908	
-1.671999908	-1.671999908	NA	1	0	0.958592126	
PTCD1	ENSG00000106246.17	0.094527517	1	1	0.094527517	
Brain_Frontal_Cortex_BA9	0.094527517	Brain_Frontal_Cortex_BA9	1	1		
1	-1.671983798	-1.671983798	-1.671983798	NA	1	0
0.958592126						
HES7	ENSG00000179111.8	0.094554384	3	1	0.088484674	Brain_Cortex
0.103765758	Brain_Cerebellum	2.964720439	0.000121098	2.964720439		
1.626865072	1.703445794	1.662125591	0.038648306	1	0	
0.958592126						
RP11-284F21.11	ENSG00000272971.1	0.094671486	1	1	0.094671486	
Brain_Nucleus_accumbens_basal_ganglia	0.094671486					
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.671254161		
-1.671254161	-1.671254161	NA	1	0	0.958592126	
LRRC10B	ENSG00000204950.3	0.094687608	1	1	0.094687608	
Brain_Cerebellar_Hemisphere	0.094687608	Brain_Cerebellar_Hemisphere	1	1		
1	-1.671172514	-1.671172514	-1.671172514	NA	1	0
0.958592126						
AJAP1	ENSG00000196581.10	0.09482909	2	2	0.042733094	
Brain_Spinal_cord_cervical_c-1	0.522509372	Brain_Hippocampus	1.06752901			
0.93247099	0.93247099	-2.026309349	0.639482074	-0.693413638		
1.884999193	2	0	0.9593303			
ABCC4	ENSG00000125257.13	0.094951186	2	2	0.050507931	
Brain_Putamen_basal_ganglia	0.42453148	Brain_Frontal_Cortex_BA9	1.071270864			
0.928729136	0.928729136	-0.798584324	1.955637001	0.578526338		
1.947528576	2	0	0.959871415			
RP4-621F18.2	ENSG00000282057.1	0.095035178	1	1	0.095035178	
Brain_Caudate_basal_ganglia	0.095035178	Brain_Caudate_basal_ganglia	1	1		
1	1.669414923	1.669414923	1.669414923	NA	1	0
0.960026845						
CFDP1	ENSG00000153774.8	0.095120141	6	4	0.039521501	Brain_Amygdala

	0.955165986	Brain_Nucleus_accumbens_basal_ganglia	3.992414076				
	0.009182672	0.148281653	-0.056220706	2.058715494	0.92829023		
	0.735253953	4	0	0.960191841			
SOD2	ENSG00000112096.16	0.09526714	1	1	0.09526714	Brain_Cerebellum	0.09526714
	Brain_Cerebellum	1	1	-1.668244805	-1.668244805	-1.668244805	
	NA	1	0	0.960424307			
INMT	ENSG00000241644.2	0.095306682	1	1	0.095306682		
	Brain_Caudate_basal_ganglia	0.095306682			Brain_Caudate_basal_ganglia	1	1
	1	-1.668045566	-1.668045566	-1.668045566	NA	1	0
	0.960424307						
OPTN	ENSG00000123240.16	0.095349107	5	5	0.031664013		
	Brain_Putamen_basal_ganglia	0.625925284			Brain_Cerebellar_Hemisphere		
	1.451834601	0.56772549	0.56772549	-2.148626582	1.760004027		
	0.087380711	1.524484087	5	0	0.960424307		
GALNT10	ENSG00000164574.15	0.095429276	4	4	0.040771707		
	Brain_Hypothalamus	0.829919634			Brain_Cerebellum	2.201365473	
	0.270856116	0.270856116	-2.045844145	-0.214804642	-1.257788714		
	0.762185707	4	0	0.960528064			
FBXO3	ENSG00000110429.13	0.095701514	1	1	0.095701514		
	Brain_Putamen_basal_ganglia	0.095701514			Brain_Putamen_basal_ganglia	1	1
	1	-1.666059751	-1.666059751	-1.666059751	NA	1	0
	0.960528064						
PPIE	ENSG00000084072.16	0.095740798	13	1	0.043987767		
	Brain_Nucleus_accumbens_basal_ganglia	0.148147671			Brain_Cerebellar_Hemisphere		
	12.60598054	1.04E-05	12.60598054	1.446105293	2.014207361		
	1.641643147	0.137956255	1	0	0.960528064		
PTRH2	ENSG00000141378.14	0.095787934	1	1	0.095787934	Brain_Cerebellum	
	0.095787934	Brain_Cerebellum	1	1	1.665625978	1.665625978	
	1.665625978	NA	1	0	0.960528064		
CAMKMT	ENSG00000143919.14	0.095799149	1	1	0.095799149		
	Brain_Hippocampus	0.095799149			Brain_Hippocampus	1	1
	-1.665569708	-1.665569708	-1.665569708	NA	1	0	0.960528064
AK2	ENSG00000004455.16	0.095823647	1	1	0.095823647		
	Brain_Nucleus_accumbens_basal_ganglia	0.095823647					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.665446813		
	1.665446813	1.665446813	NA	1	0	0.960528064	
ZNF549	ENSG00000121406.8	0.09591864	12	8	0.015945646		
	Brain_Putamen_basal_ganglia	0.998571884			Brain_Caudate_basal_ganglia	6.09744477	
	3.67E-05	0.265330879	-1.477292298	2.410157246	0.49137155		
	1.018735706	8	0	0.960528064			
AAK1	ENSG00000115977.18	0.095950148	1	1	0.095950148	Brain_Cerebellum	
	0.095950148	Brain_Cerebellum	1	1	-1.664812606	-1.664812606	
	-1.664812606	NA	1	0	0.960528064		
RP11-238F2.1	ENSG00000271239.1	0.096030579	2	2	0.032635217		
	Brain_Spinal_cord_cervical_c-1	0.976642878			Brain_Frontal_Cortex_BA9		
	1.174262753	0.825737247	0.825737247	-2.136542545	-0.029277993		
	-1.082910269	1.490061055	2	0	0.960528064		
AC092835.2	ENSG00000233757.6	0.096096354	1	1	0.096096354		
	Brain_Cerebellar_Hemisphere	0.096096354			Brain_Cerebellar_Hemisphere	1	1
	1	-1.664080446	-1.664080446	-1.664080446	NA	1	0
	0.960528064						
GFM1	ENSG00000168827.14	0.096114594	8	1	0.07322472		
	Brain_Spinal_cord_cervical_c-1	0.191058049			Brain_Cerebellar_Hemisphere		
	7.592010139	0.00876808	7.592010139	1.307455527	1.791427492		
	1.621810407	0.18766675	1	0	0.960528064		
BOD1	ENSG00000145919.10	0.096254204	1	1	0.096254204		
	Brain_Anterior_cingulate_cortex_BA24	0.096254204					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.663290977		
	-1.663290977	-1.663290977	NA	1	0	0.960902993	
RRAS2	ENSG00000133818.13	0.096289472	3	3	0.122566754		
	Brain_Nucleus_accumbens_basal_ganglia	0.539867642			Brain_Cerebellum		
	1.816856622	0.191297728	0.191297728	-1.544089081	1.464557488		

	-0.230848249	1.540300638	3	0	0.960902993			
RSBN1	ENSG00000081019.13	0.096605149	1	1	0.096605149			
	Brain_Hippocampus	0.096605149			Brain_Hippocampus	1	1	1
	1.661539468	1.661539468	1.661539468	NA	1	0	0.963272587	
IGFBP5	ENSG00000115461.4	0.096731339	3	3	0.013922232			
	Brain_Cerebellum	0.578408056			Brain_Frontal_Cortex_BA9	1.564446306		
	0.465446634	0.465446634	0.555711555	2.459263693		1.519147269		
	0.951990298	3	0	0.963272587				
ZNF468	ENSG00000204604.9	0.096860856	7	7	0.028654703			
	Brain_Cerebellum	0.597947281			Brain_Substantia_nigra	2.046656103		
	0.112260711	0.112260711	-1.606580257	2.188204592		-0.364103616		
	1.347131846	7	0	0.963272587				
ZNF225	ENSG00000256294.7	0.096993132	1	1	0.096993132			
	Brain_Hypothalamus	0.096993132			Brain_Hypothalamus	1	1	1
	1.659609025	1.659609025	1.659609025	NA	1	0	0.963272587	
RP11-255P5.2	ENSG00000272542.1	0.097096418	5	5	0.099226646			
	Brain_Hippocampus	0.906044814			Brain_Cerebellum	2.562716888	0.1457604	
	0.1457604	-1.648614451	0.399257302	-0.533019136	1.003313365		5	
	0	0.963272587						
GJB5	ENSG00000189280.3	0.097102691	1	1	0.097102691			
	Brain_Frontal_Cortex_BA9	0.097102691			Brain_Frontal_Cortex_BA9	1	1	
	1	1.659065022	1.659065022	1.659065022	NA	1	0	
	0.963272587							
CRYBG3	ENSG00000080200.9	0.097154768	4	4	0.092967807			
	Brain_Anterior_cingulate_cortex_BA24	0.818708838			Brain_Frontal_Cortex_BA9			
	2.382473062	0.137788126	0.137788126	-1.679946081		-0.229205963		
	-1.083601499	0.685886778	4	0	0.963272587			
CMTM8	ENSG00000170293.8	0.097157957	1	1	0.097157957		Brain_Cerebellum	
	0.097157957	Brain_Cerebellum	1	1	-1.65879079		-1.65879079	
	-1.65879079	NA	1	0	0.963272587			
GPRC5C	ENSG00000170412.16	0.097320531	2	2	0.087872843			
	Brain_Cerebellum	0.300824667			Brain_Cerebellar_Hemisphere	1.916316032		
	0.083683968	0.083683968	1.03466654	1.706726802		1.370696671		
	0.475218368	2	0	0.963272587				
CLN6	ENSG00000128973.12	0.097342361	3	3	0.017021507			
	Brain_Hippocampus	0.688047853			Brain_Cerebellar_Hemisphere	1.777802309		
	0.335526244	0.335526244	-2.386242845	-0.401505686		-1.22868531		
	1.032791156	3	0	0.963272587				
PDE7B	ENSG00000171408.13	0.09743598	1	1	0.09743598		Brain_Hypothalamus	
	0.09743598	Brain_Hypothalamus	1	1	1	1.657413122	1.657413122	
	1.657413122	NA	1	0	0.963272587			
FAM3B	ENSG00000183844.16	0.097566253	4	4	0.177443815			
	Brain_Nucleus_accumbens_basal_ganglia	0.820554498			Brain_Substantia_nigra			
	2.072238611	0.156029561	0.156029561	-1.150330088		1.348667419		
	-0.026124853	1.075706681	4	0	0.963272587			
DSTYK	ENSG00000133059.16	0.097629749	10	5	0.034526355		Brain_Cortex	
	0.660901318	Brain_Frontal_Cortex_BA9	7.841439955	0.009881724				
	0.320961422	-2.1138702	0.438669103	-1.109704939	0.657417207		5	
	0	0.963272587						
ZBTB4	ENSG00000174282.11	0.097658718	1	1	0.097658718		Brain_Cortex	
	0.097658718	Brain_Cortex	1	1	1	1.656311671	1.656311671	
	1.656311671	NA	1	0	0.963272587			
RRP7A	ENSG00000189306.10	0.09777992	12	10	0.030609119			
	Brain_Putamen_basal_ganglia	0.965823691			Brain_Frontal_Cortex_BA9			
	4.529027853	0.012807618	0.154392073	-1.020174557		2.162117519		
	0.448902092	0.907259448	10	0	0.963272587			
LETM2	ENSG00000165046.12	0.097810459	1	1	0.097810459		Brain_Cortex	
	0.097810459	Brain_Cortex	1	1	1	1.655562453	1.655562453	
	1.655562453	NA	1	0	0.963272587			
RWDD3	ENSG00000122481.16	0.097924484	13	2	0.106695301			
	Brain_Substantia_nigra	0.993493681			Brain_Amygdala	11.54708915		
	0.003370548	0.388833351	-1.613226531	0.335680945		-0.184885217		

ARRB2	ENSG00000141480.17	0.097981345	2	2	0.074485818	Brain_Cerebellum
	0.973018272	Brain_Hippocampus	1.548422359		0.451577641	
	0.451577641	-0.033823029	1.783617637		0.874897304	1.285124619
	2	0	0.963272587			
MMP24-AS1	ENSG00000126005.16	0.097999168	13	4	0.038876863	
	Brain_Anterior_cingulate_cortex_BA24	0.917939468			Brain_Cerebellum	
	10.00786652	0.004916761	0.545206908		-2.065487866	0.513439459
	-0.091877126	0.692708774	4	0	0.963272587	
ZNF567	ENSG00000189042.13	0.098014659	3	3	0.020456807	
	Brain_Cerebellum	0.175671976	Brain_Hypothalamus	2.238687193		
	0.161510799	0.161510799	-2.317862286		-1.354201891	-1.697193619
	0.53850599	3	0	0.963272587		
TMEM42	ENSG00000169964.7	0.098078247	2	2	0.037221726	
	Brain_Hypothalamus	0.981144432	Brain_Nucleus_accumbens_basal_ganglia			
	1.245127086	0.754872914	0.754872914		-2.083323722	0.023634149
	-1.029844786	1.489844198	2	0	0.963272587	
OR3A2	ENSG00000221882.2	0.098102222	7	4	0.005396888	Brain_Amygdala
	0.555483569	Brain_Hypothalamus	4.116936289		0.002346711	
	0.340017372	-1.656112279	2.782337511		0.719709678	1.288977855
	4	0	0.963272587			
DNAJC30	ENSG00000176410.7	0.098110459	7	3	0.009354101	
	Brain_Nucleus_accumbens_basal_ganglia	0.256470528				
	Brain_Anterior_cingulate_cortex_BA24	5.571938987			0.0126935	0.281277365
	1.134772795	2.598833951	1.998693381		0.547426178	3
	0.963272587					0
SF3A1	ENSG00000099995.18	0.098210231	1	1	0.098210231	
	Brain_Hypothalamus	0.098210231	Brain_Hypothalamus	1	1	1
	-1.653593024	-1.653593024	-1.653593024	NA	1	0
						0.963575976
EIF3L	ENSG00000100129.17	0.098436704	1	1	0.098436704	
	Brain_Hippocampus	0.098436704	Brain_Hippocampus	1	1	1
	1.652480173	1.652480173	1.652480173	NA	1	0
						0.964541023
MYBPC3	ENSG00000134571.10	0.098576238	3	3	0.041078535	
	Brain_Amygdala	0.884100776	Brain_Cortex	1.761046797		0.391106385
	0.391106385	-1.506530501	2.042736446		0.130144393	1.790648395
	3	0	0.964541023			
FAM19A2	ENSG00000198673.10	0.098580662	2	2	0.111788931	
	Brain_Hippocampus	0.193618787	Brain_Putamen_basal_ganglia	1.091110257		
	0.908889743	0.908889743	-1.590203548		1.299948015	-0.145127767
	2.043645769	2	0	0.964541023		
RRP9	ENSG00000114767.6	0.098632366	3	3	0.022536205	
	Brain_Hippocampus	0.614413642	Brain_Caudate_basal_ganglia	1.152643228		
	0.813470756	0.813470756	-0.954178514		2.281206932	0.610270583
	1.620319227	3	0	0.964541023		
LINC00116	ENSG00000175701.10	0.098653292	3	2	0.042840772	
	Brain_Hypothalamus	0.434539735	Brain_Caudate_basal_ganglia	1.989002181		
	0.01303525	0.997962569	0.781446834		2.025259038	1.202002724
	0.713016776	2	0	0.964541023		
LINC00487	ENSG00000205837.7	0.09878338	11	10	0.051494473	Brain_Amygdala
	0.767413846	Brain_Anterior_cingulate_cortex_BA24	3.777913476			
	0.027530435	0.239269029	-1.130201356		1.947335937	0.409226156
	1.084622223	10	0	0.965138458		
ELL3	ENSG00000128886.11	0.09887263	1	1	0.09887263	Brain_Cerebellar_Hemisphere
	0.09887263	Brain_Cerebellar_Hemisphere	1	1	1	-1.650343843
	-1.650343843	-1.650343843	NA	1	0	0.965336333
SNAPC1	ENSG00000023608.4	0.098995944	2	2	0.068809669	
	Brain_Cerebellar_Hemisphere	0.173152971	Brain_Putamen_basal_ganglia			
	1.123392509	-0.876607491	0.876607491		-1.819667408	-1.362142333
	-1.590904871	0.323519083	2	0	0.965342597	
AP3B2	ENSG00000103723.12	0.099015019	5	2	0.097269698	
	Brain_Substantia_nigra	0.957082337	Brain_Frontal_Cortex_BA9			
	4.539853919	-0.006442103	0.310266616		-1.658236707	0.053815279

	-0.96051835	0.623460386	2	0	0.965342597				
SHF	ENSG00000138606.19	0.099141831	7	3	0.014136996				
	Brain_Frontal_Cortex_BA9	0.854488399			Brain_Spinal_cord_cervical_c-1				
	4.7291914	0.010498899	0.239270479		-2.170416312	2.453763407			
	0.392506221	1.978917294	3	0	0.965342597				
ANKRD44	ENSG00000065413.18	0.099166798	2	2	0.034740851				
	Brain_Anterior_cingulate_cortex_BA24	0.610395556			Brain_Cerebellum				
	1.049728586	0.950271414	0.950271414		-2.111366165	-0.509508908			
	-1.310437536	1.132684129	2	0	0.965342597				
SSTR3	ENSG00000278195.1	0.099245483	1	1	0.099245483	Brain_Cerebellum			
	0.099245483	Brain_Cerebellum1	1	1	1.648522571	1.648522571			
	1.648522571	NA	1	0	0.965342597				
IFNAR2	ENSG00000159110.19	0.099287256	1	1	0.099287256				
	Brain_Caudate_basal_ganglia	0.099287256			Brain_Caudate_basal_ganglia1	1			
	1	-1.648318863	-1.648318863	-1.648318863	NA	1	0		
	0.965342597								
FAM126A	ENSG00000122591.11	0.09949738	4	4	0.032214123	Brain_Cortex			
	0.871405553	Brain_Cerebellar_Hemisphere1	1.923405899	0.10438456	0.10438456				
	-2.141743569	0.161873396	-0.923337411	0.962745774	4	0			
	0.966226814								
ZNF581	ENSG00000171425.9	0.099531146	3	3	0.034092506				
	Brain_Hippocampus	0.467595038			Brain_Anterior_cingulate_cortex_BA24				
	1.204696804	0.775126825	0.775126825		-0.748454687	2.118975878			
	0.698972943	1.43391199	3	0	0.966226814				
SHC4	ENSG00000185634.11	0.099585381	1	1	0.099585381				
	Brain_Anterior_cingulate_cortex_BA24	0.099585381							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.646867025				
	1.646867025	1.646867025	NA	1	0	0.966226814			
NDUFA7	ENSG00000267855.5	0.09966541	2	2	0.046266273				
	Brain_Spinal_cord_cervical_c-1	0.450926447			Brain_Caudate_basal_ganglia				
	1.023039235	0.976960765	0.976960765		-1.992955926	-0.753871398			
	-1.373413662	0.876165072	2	0	0.96633316				
RP11-134G8.5	ENSG00000223396.2	0.099796989	1	1	0.099796989				
	Brain_Frontal_Cortex_BA9	0.099796989			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.645838619	-1.645838619	-1.645838619	NA	1	0		
	0.966938832								
USE1	ENSG00000053501.12	0.10012736	5	5	0.044043	Brain_Cerebellar_Hemisphere			
	0.690073223	Brain_Caudate_basal_ganglia	2.251243772	0.22899514	0.22899514				
	-2.013681341	1.089822485	-0.460727724	1.223024095	5	0			
	0.968172935								
ADAMTS16	ENSG00000145536.15	0.100177998	3	3	0.042127432				
	Brain_Hypothalamus	0.677930039			Brain_Cerebellar_Hemisphere1	1.759524383			
	0.271375223	0.271375223	0.415289429	2.032259109	1.258734073				
	0.810749221	3	0	0.968172935					
EXO5	ENSG00000164002.11	0.100272193	10	6	0.04459324				
	Brain_Putamen_basal_ganglia	0.876760192			Brain_Cortex	6.404877506			
	0.023797847	0.31896023	-2.008471229	0.766643714	-0.818722607				
	0.812430222	6	0	0.968172935					
MND1	ENSG00000121211.7	0.100563603	1	1	0.100563603				
	Brain_Cerebellar_Hemisphere	0.100563603			Brain_Cerebellar_Hemisphere1	1	1		
	1	1.642127407	1.642127407	1.642127407	NA	1	0		
	0.968172935								
GFRA4	ENSG00000125861.14	0.100683127	3	3	0.013953363				
	Brain_Nucleus_accumbens_basal_ganglia	0.539378114			Brain_Frontal_Cortex_BA9				
	1.568789813	0.550414386	0.550414386	0.613753674	2.458461782				
	1.43157453	0.939956685	3	0	0.968172935				
MSLNL	ENSG00000162006.9	0.100715163	6	3	0.108655001				
	Brain_Anterior_cingulate_cortex_BA24	0.800096416			Brain_Cortex				
	4.564155408	0.009466245	0.373426386	-1.604267955	0.253222325				
	-0.980755064	0.720747025	3	0	0.968172935				
EPN1	ENSG00000063245.14	0.100785728	1	1	0.100785728				
	Brain_Anterior_cingulate_cortex_BA24	0.100785728							

	Brain_Anterior_cingulate_cortex_BA24	1	1	1.641056304		
	1.641056304	1.641056304	NA	1	0	0.968172935
ATP2B1-AS1	ENSG00000271614.1	0.100788275	3	3	0.055237472	
	Brain_Nucleus_accumbens_basal_ganglia	0.904717727				Brain_Putamen_basal_ganglia
	1.958421202	0.359635966	0.359635966	-1.917003615	0.336104378	
	-0.487065119	1.243080999	3	0	0.968172935	
GOLGA8A	ENSG00000175265.17	0.100853571	6	6	0.012792592	
	Brain_Anterior_cingulate_cortex_BA24	0.768753661				Brain_Cerebellar_Hemisphere
	1.65823286	0.422428082	0.422428082	-2.489491668	1.436401161	
	-0.787969247	1.367251373	6	0	0.968172935	
PLEKHG3	ENSG00000126822.16	0.100869316	3	3	0.08880837	
	Brain_Anterior_cingulate_cortex_BA24	0.218006541				Brain_Putamen_basal_ganglia
	1.137439697	0.83638246	0.83638246	-1.393734897	1.701717329	
	0.513276211	1.668146649	3	0	0.968172935	
ADCY5	ENSG00000173175.14	0.100937734	1	1	0.100937734	Brain_Cerebellum
	0.100937734	Brain_Cerebellum1	1	1	-1.640324403	-1.640324403
	-1.640324403	NA	1	0	0.968172935	
ZNF141	ENSG00000131127.13	0.10107989	3	3	0.081208507	
	Brain_Substantia_nigra	0.352397423				Brain_Nucleus_accumbens_basal_ganglia
	1.413876853	0.585006304	0.585006304	-0.929949131	1.743716668	
	0.584017152	1.371587003	3	0	0.968172935	
RP11-44N21.1	ENSG00000257556.1	0.101168236	2	2	0.042602778	
	Brain_Amygdala	0.115646399				Brain_Frontal_Cortex_BA9
	0.521145608	0.521145608	1.573312833	2.027583464	1.800448148	
	0.321217844	2	0	0.968172935		
DNM1	ENSG00000106976.20	0.101190326	1	1	0.101190326	Brain_Cortex
	0.101190326	Brain_Cortex	1	1	1.639110131	1.639110131
	1.639110131	NA	1	0	0.968172935	
TBCEL	ENSG00000154114.12	0.101295302	2	2	0.032507452	
	Brain_Hippocampus	0.130869711				Brain_Substantia_nigra
	0.324082007	0.324082007	1.510681133	2.138114496	1.824397815	
	0.443662385	2	0	0.968172935		
TIAF1	ENSG00000221995.5	0.101404539	13	1	0.038274402	
	Brain_Substantia_nigra	0.478276928				Brain_Hippocampus
	0.000759664	11.96306727	-2.071903919	-0.709076625	-1.560310008	
	0.382079972	1	0	0.968172935		
RP11-325L12.7	ENSG00000278737.1	0.101407382	3	3	0.012953334	
	Brain_Anterior_cingulate_cortex_BA24	0.595707979				Brain_Hypothalamus
	1.33004724	0.771330052	0.771330052	-2.485049717	0.592695547	
	-0.807645627	1.557466492	3	0	0.968172935	
ANKRD18A	ENSG00000180071.19	0.101415249	10	8	0.087388659	
	Brain_Anterior_cingulate_cortex_BA24	0.86019525				Brain_Hippocampus
	4.164344951	0.07058382	0.290884137	-1.463177652	1.709336376	
	-0.085295195	1.014424388	8	0	0.968172935	
GRPEL1	ENSG00000109519.12	0.101439007	6	6	0.039845137	
	Brain_Cerebellum	0.919535073				Brain_Spinal_cord_cervical_c-1
	0.303537049	0.303537049	-0.473679094	2.055350764	0.475925299	
	0.877215331	6	0	0.968172935		
TBC1D2B	ENSG00000167202.11	0.101477125	2	2	0.057490039	
	Brain_Hypothalamus	0.365067952				Brain_Nucleus_accumbens_basal_ganglia
	1.040562561	0.959437439	0.959437439	-1.899566443	-0.905750453	
	-1.402658448	0.702734026	2	0	0.968172935	
MPHOSPH10	ENSG00000124383.8	0.101552399	1	1	0.101552399	
	Brain_Frontal_Cortex_BA9	0.101552399				Brain_Frontal_Cortex_BA9
	1	-1.637373752	-1.637373752	-1.637373752	NA	1
	0.968172935				0	
AATF	ENSG00000275700.4	0.101565338	5	2	0.051948336	
	Brain_Caudate_basal_ganglia	0.106789524				Brain_Spinal_cord_cervical_c-1
	4.16970953	0.011297673	0.738349231	1.612792832	1.943561637	
	1.765360152	0.125876706	2	0	0.968172935	
LINC01305	ENSG00000231453.1	0.101667093	1	1	0.101667093	
	Brain_Caudate_basal_ganglia	0.101667093				Brain_Caudate_basal_ganglia1
						1

1	1.636824747	1.636824747	1.636824747	NA	1	0
	0.968172935					
FAXDC2	ENSG00000170271.10	0.101733116	1	1	0.101733116	
	Brain_Frontal_Cortex_BA9	0.101733116	Brain_Frontal_Cortex_BA9	1	1	
	1	-1.636508942	-1.636508942	-1.636508942	NA	1
	0.968172935					0
IRX1	ENSG00000170549.3	0.101733254	1	1	0.101733254	
	Brain_Anterior_cingulate_cortex_BA24	0.101733254				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.63650828	1.63650828
	1.63650828	NA	1	0	0.968172935	
MRPL37	ENSG00000116221.15	0.101891969	7	3	0.073823236	
	Brain_Cortex	0.94852265	Brain_Frontal_Cortex_BA9	6.074027611		
	0.004217638	0.342340548	-0.064562115	1.787707343	1.247465775	
	0.605700401	3	0	0.968172935		
POC5	ENSG00000152359.14	0.101906015	3	2	0.054792032	Brain_Cortex
	0.294139936	Brain_Cerebellum	2.777268029	0.056611125	0.166120845	
	-1.92052172	-1.049082964	-1.482169095	0.435743248	2	0
	0.968172935					
SMPDL3A	ENSG00000172594.12	0.101919948	3	3	0.024102713	
	Brain_Cerebellar_Hemisphere	0.124356857	Brain_Cerebellum	1.648230274		
	0.473447007	0.473447007	-2.255488028	-1.536740548	-1.791723849	
	0.402295384	3	0	0.968172935		
RP11-676J12.9	ENSG00000277491.1	0.101931151	1	1	0.101931151	
	Brain_Hypothalamus	0.101931151	Brain_Hypothalamus	1	1	1
	1.635562658	1.635562658	1.635562658	NA	1	0
					0.968172935	
RBM43	ENSG00000184898.6	0.102194671	7	4	0.010146059	Brain_Cortex
	0.835732342	Brain_Spinal_cord_cervical_c-1	4.951695048	4.70E-06		
	0.227494725	-2.570811317	-0.20735536	-1.587550291	0.928260624	
	4	0	0.969383589			
RFPL3S	ENSG00000205853.10	0.102292985	12	3	0.107735422	
	Brain_Nucleus_accumbens_basal_ganglia	0.978257186	Brain_Substantia_nigra			
	10.51561756	0.000522669	0.429019403	-1.608455651	0.118719222	
	-0.674056471	0.564734998	3	0	0.969383589	
TFIP11	ENSG00000100109.16	0.102329285	5	3	0.021394487	
	Brain_Cerebellar_Hemisphere	0.828897415	Brain_Frontal_Cortex_BA9	3.03365912		
	0.058952584	0.828965804	-0.24411417	2.300949469	1.204101522	
	1.312467488	3	0	0.969383589		
C8orf34	ENSG00000165084.15	0.102429344	2	2	0.069209316	
	Brain_Cerebellum	0.169435052	Brain_Hippocampus	1.146152508		
	0.853847492	0.853847492	-1.374021357	1.817050923	0.221514783	
	2.256428849	2	0	0.969383589		
CBX1	ENSG00000108468.14	0.102728855	5	5	0.026317921	
	Brain_Putamen_basal_ganglia	0.999258189	Brain_Hippocampus	3.399664636		
	0.230168059	0.230168059	-0.098235213	2.221488087	0.839729222	
	1.040051557	5	0	0.969383589		
TANGO6	ENSG00000103047.7	0.102748376	1	1	0.102748376	
	Brain_Cerebellum	0.102748376	Brain_Cerebellum	1	1	1
	-1.631673069	-1.631673069	NA	1	0	0.969383589
PRKD3	ENSG00000115825.9	0.102762806	9	4	0.001600645	
	Brain_Nucleus_accumbens_basal_ganglia	0.029210223	Brain_Hypothalamus			
	7.50259792	0.01369812	0.266242755	2.180637724	3.155789212	
	2.501200565	0.313633456	4	0	0.969383589	
IRAK1BP1	ENSG00000146243.13	0.102772812	13	1	0.070790631	
	Brain_Cerebellum	0.201555642	Brain_Cortex	11.85935101	0.000778681	
	11.85935101	1.277132021	1.806818193	1.557720978	0.191194264	
	1	0	0.969383589			
TTC17	ENSG00000052841.14	0.102925473	3	3	0.025608691	Brain_Cerebellum
	0.668702341	Brain_Cortex	1.640403283	0.367444473	0.367444473	
	-0.46536416	2.232094911	0.446267034	1.546685566	3	0
	0.969383589					
FOCAD	ENSG00000188352.12	0.102949538	5	4	0.02359354	Brain_Cortex
	0.56371717	Brain_Putamen_basal_ganglia	3.830828089	0.075875679		

	0.146269562	0.577329084	2.263684278	1.626379241	0.632841082
	4	0	0.969383589		
ODF3L1	ENSG00000182950.2	0.103077088	1	1	0.103077088
	Brain_Cerebellar_Hemisphere	0.103077088	Brain_Cerebellar_Hemisphere	1	1
	1	1.630115503	1.630115503	1.630115503	NA 1 0
	0.969383589				
EMILIN3	ENSG00000183798.4	0.103252098	9	7	0.035934608
	Brain_Hypothalamus	0.996070864	Brain_Putamen_basal_ganglia	6.102409013	
	0.099936524	0.237924767	0.004924462	2.097666597	0.935500022
	0.700271514	7	0	0.969383589	
WDR24	ENSG00000127580.15	0.103357689	1	1	0.103357689
	Brain_Hypothalamus	0.103357689	Brain_Hypothalamus	1	1 1
	-1.628789023	-1.628789023	-1.628789023	NA 1	0 0.969383589
PTCHD4	ENSG00000244694.7	0.103363872	2	2	0.089151068
	Brain_Putamen_basal_ganglia	0.373952994	Brain_Anterior_cingulate_cortex_BA24		
	1.214834215	0.785165785	0.785165785	-0.889093199	1.699892927
	0.405399864	1.830689646	2	0	0.969383589
PAC3IN3	ENSG00000165912.15	0.10338936	4	2	0.040467089
	Brain_Nucleus_accumbens_basal_ganglia	1.976092093	Brain_Cerebellum		
	0.621527792	Brain_Nucleus_accumbens_basal_ganglia	1.976092093		
	0.028512385	1.932936522	-0.809129935	2.048949136	0.671543272
	1.533675769	2	0	0.969383589	
SYNGR1	ENSG00000100321.14	0.103390401	3	3	0.018579734
	Brain_Cerebellum	0.788227867	Brain_Cerebellar_Hemisphere	1.759438039	
	0.428014163	0.428014163	-0.268612533	2.353857462	0.923620798
	1.327336208	3	0	0.969383589	
CNTNAP4	ENSG00000152910.18	0.103415821	7	6	0.118566311
	Brain_Nucleus_accumbens_basal_ganglia	0.778102491	Brain_Cerebellar_Hemisphere		
	3.403205547	0.035027478	0.153686756	-1.560819647	0.961102833
	-0.549658125	0.910306288	6	0	0.969383589
RP11-300M24.1	ENSG00000227455.2	0.103516025	2	2	0.037710219
	Brain_Nucleus_accumbens_basal_ganglia	0.735892162	Brain_Hippocampus		
	1.061946017	0.938053983	0.938053983	0.33729814	2.077990662
	1.207644401	1.230855486	2	0	0.969383589
HIST1H2BF	ENSG00000277224.2	0.103518325	1	1	0.103518325
	Brain_Hypothalamus	0.103518325	Brain_Hypothalamus	1	1 1
	1.628030943	1.628030943	1.628030943	NA 1	0 0.969383589
LINC01361	ENSG00000236268.5	0.103607356	4	3	0.023097116
	Brain_Frontal_Cortex_BA9	0.759170461	Brain_Hypothalamus	2.7275319	
	0.070468956	0.215008986	-0.306570302	2.271824436	1.184123679
	1.084716009	3	0	0.969383589	
BMPER	ENSG00000164619.8	0.103644097	4	4	0.057418843
	Brain_Cerebellum	2.020788309	Brain_Cortex		
	0.984988483	Brain_Cerebellum	2.020788309	0.10573877	0.10573877
	-1.900108799	-0.018815257	-0.841824293	0.804490825	4 0
	0.969383589				
NAT10	ENSG00000135372.8	0.103652766	3	2	0.072445196
	Brain_Frontal_Cortex_BA9	0.544038966	Brain_Cerebellum	2.728525145	
	0.001798045	0.269676811	0.606716657	1.796310202	1.348537618
	0.647017416	2	0	0.969383589	
RP11-736N17.11	ENSG00000283071.1	0.103654813	7	3	0.18950952
	Brain_Nucleus_accumbens_basal_ganglia	0.731266968	Brain_Cerebellum		
	5.875923475	0.006122645	0.315494323	-0.700571337	1.312031461
	0.688532271	0.727547398	3	0	0.969383589
ZCCHC8	ENSG00000033030.13	0.10375114	1	1	0.10375114
	Brain_Amygdala	1	1	1	1.626933886
	1.626933886	NA 1	0	0.969383589	1.626933886
BDKRB1	ENSG00000100739.10	0.103863712	5	5	0.021759574
	Brain_Cortex	0.799304676	Brain_Cerebellar_Hemisphere	1.148874536	
	0.82390708	0.82390708	-0.597543119	2.294538719	0.713835148
	1.180071973	5	0	0.969383589	
8-Sep	ENSG00000164402.13	0.103883653	1	1	0.103883653
	Brain_Cerebellar_Hemisphere	0.103883653	Brain_Cerebellar_Hemisphere	1	1
	1	-1.626310341	-1.626310341	-1.626310341	NA 1 0

	0.969383589								
TCF7L1	ENSG00000152284.4	0.103929339	2	2	0.037494518				
	Brain_Cerebellar_Hemisphere	0.053290882			Brain_Cerebellum	1.799844465			
	0.200155535	0.200155535	1.932556289		2.08033826	2.006447274			
	0.104497634	2	0	0.969383589					
RP6-7406.6	ENSG00000272824.1	0.104244339	2	2	0.098072727				
	Brain_Nucleus_accumbens_basal_ganglia	0.156246237			Brain_Cerebellar_Hemisphere				
	1.050358534	0.949641466	0.949641466		-1.654269695	1.417810024			
	-0.118229836	2.172288402	2	0	0.971401205				
ZNF853	ENSG00000236609.3	0.104321396	6	6	0.010893403				
	Brain_Caudate_basal_ganglia	0.954449019			Brain_Nucleus_accumbens_basal_ganglia				
	1.978747536	0.32624036	0.32624036	-1.329299839	2.546099825	0.81293348			
	1.351641358	6	0	0.971401205					
RP11-517P14.2	ENSG00000230555.2	0.104353943	9	5	0.140831608				
	Brain_Cerebellar_Hemisphere	0.950180448			Brain_Anterior_cingulate_cortex_BA24				
	6.452399229	0.008018277	0.221144173		-1.472701255	1.431046723			
	-0.466193014	0.803033593	5	0	0.971401205				
ACOT11	ENSG00000162390.17	0.104493876	4	3	0.028173977				
	Brain_Nucleus_accumbens_basal_ganglia	0.590896803			Brain_Cortex				
	2.703665708	0.01903555	0.459194654		0.537536901	2.194855327			
	1.369533175	0.690068216	3	0	0.971501595				
ZNF235	ENSG00000159917.15	0.104620722	5	2	0.121073381				
	Brain_Cerebellar_Hemisphere	0.920610167			Brain_Frontal_Cortex_BA9	4.35488111			
	0.020559407	0.496444015	-1.550283938		0.278017049	-0.254321313			
	0.744816001	2	0	0.971501595					
RCVRN	ENSG00000109047.7	0.104675849	13	2	0.028387634				
	Brain_Substantia_nigra	0.562692245			Brain_Amygdala	11.61050087			
	0.001379948	0.93124854	-2.191887459		-0.578847252	-1.424931108			
	0.380095812	2	0	0.971501595					
PPP1R37	ENSG00000104866.10	0.104760035	6	6	0.032226365				
	Brain_Cerebellar_Hemisphere	0.953047615			Brain_Cortex	2.199385831			
	0.269460882	0.269460882	0.058880092		2.141591539	0.82064672			
	0.877601935	6	0	0.971501595					
EPHB4	ENSG00000196411.9	0.104800264	2	2	0.038871555				
	Brain_Spinal_cord_cervical_c-1	0.890372384			Brain_Frontal_Cortex_BA9				
	1.169405153	0.830594847	0.830594847		-0.137833024	2.065544019			
	0.963855497	1.558022849	2	0	0.971501595				
TMEM175	ENSG00000127419.16	0.104807257	6	5	0.030199312				
	Brain_Caudate_basal_ganglia	0.989283663			Brain_Putamen_basal_ganglia				
	3.094768333	0.020229227	0.124198102		-2.167466364	0.349093753			
	-0.525361831	1.057894765	5	0	0.971501595				
AK4	ENSG00000162433.14	0.10485079	1	1	0.10485079	Brain_Cerebellum	0.10485079		
	Brain_Cerebellum	1	1	1.621778468	1.621778468	1.621778468			
	NA	1	0	0.971501595					
MCMDC2	ENSG00000178460.17	0.104934984	1	1	0.104934984				
	Brain_Cerebellar_Hemisphere	0.104934984			Brain_Cerebellar_Hemisphere	1	1		
	1	1.621385521	1.621385521	1.621385521	NA	1	0		
	0.971638228								
KIRREL	ENSG00000183853.17	0.105236638	1	1	0.105236638				
	Brain_Spinal_cord_cervical_c-1	0.105236638			Brain_Spinal_cord_cervical_c-1				
	1	1	1	1.619979697	1.619979697	1.619979697	NA	1	0
	0.972491774								
JUN	ENSG00000177606.6	0.105293331	1	1	0.105293331	Brain_Cortex			
	0.105293331	Brain_Cortex	1	1	1	1.619715843	1.619715843		
	1.619715843	NA	1	0	0.972491774				
JAGN1	ENSG00000171135.13	0.105480149	3	3	0.023442604	Brain_Cerebellum			
	0.557263346	Brain_Spinal_cord_cervical_c-1			1.38819021	0.611670369			
	0.611670369	-0.586911201	2.266143406		1.101737174	1.497031234			
	3	0	0.972491774						
NARS	ENSG00000134440.11	0.105609212	1	1	0.105609212				
	Brain_Caudate_basal_ganglia	0.105609212			Brain_Caudate_basal_ganglia	1	1		
	1	-1.618247769	-1.618247769	-1.618247769	NA	1	0		

0.972491774									
PRSS8	ENSG00000052344.15	0.105711207	1	1	0.105711207	Brain_Cerebellum			
	0.105711207	Brain_Cerebellum	1	1	-1.617774487		-1.617774487		
	-1.617774487	NA	1	0	0.972491774				
MPPED2	ENSG00000066382.16	0.105918965	3	3	0.013522981				
	Brain_Caudate_basal_ganglia	0.977850165			Brain_Hippocampus		1.426953946		
	0.573452544	0.573452544			-2.46969098	0.027764269		-1.203617028	
	1.249089014	3	0	0.972491774					
FZD9	ENSG00000188763.4	0.105923818	1	1	0.105923818				
	Brain_Hippocampus	0.105923818			Brain_Hippocampus	1	1	1	
	1.616789078	1.616789078	1.616789078	NA	1	0	0.972491774		
EPS15L1	ENSG00000127527.13	0.105932688	3	3	0.031451374				
	Brain_Cerebellar_Hemisphere	0.37943649			Brain_Anterior_cingulate_cortex_BA24				
	1.969911075	0.068156242			0.068156242	0.878935055		2.151314628	
	1.707102104	0.71784626	3	0	0.972491774				
ZMPSTE24	ENSG00000084073.8	0.105950174	2	2	0.034105181				
	Brain_Putamen_basal_ganglia	0.76138348			Brain_Caudate_basal_ganglia	1.149022034			
	0.850977966	0.850977966			-2.118825919	-0.303664535		-1.211245227	
	1.283512924	2	0	0.972491774					
RP11-982M15.6	ENSG00000256050.2	0.105983822	3	3	0.025451875				
	Brain_Substantia_nigra	0.574947284			Brain_Putamen_basal_ganglia				
	1.551970958	0.625891628			0.625891628	-0.560780349		2.234474395	
	0.754008209	1.404972982	3	0	0.972491774				
CELF6	ENSG00000140488.15	0.106056298	1	1	0.106056298	Brain_Amygdala			
	0.106056298	Brain_Amygdala	1	1	1	-1.616175853		-1.616175853	
	-1.616175853	NA	1	0	0.972491774				
NPIPB12	ENSG00000169203.16	0.106110108	7	4	0.024422111				
	Brain_Nucleus_accumbens_basal_ganglia	0.612479629							
	Brain_Anterior_cingulate_cortex_BA24	4.587001907			0.017592548				
	0.589135864	0.506537133			2.250422922	1.273709843		0.621375716	
	4	0	0.972491774						
CTD-3116E22.7	ENSG00000267612.1	0.106123173	3	3	0.202405244				
	Brain_Cerebellar_Hemisphere	0.761553423			Brain_Caudate_basal_ganglia				
	2.215137832	0.258469329			0.258469329	-1.274728817		0.3034415	
	-0.622130976	0.823736457	3	0	0.972491774				
TANC2	ENSG00000170921.15	0.106273936	2	1	0.09963433				
	Brain_Cerebellar_Hemisphere	0.114732264			Brain_Cerebellum	1.992039045			
	0.007960955	1.992039045			1.577274991	1.64662898		1.611951985	
	0.049040676	1	0	0.972491774					
KCNG1	ENSG00000026559.13	0.106346812	1	1	0.106346812				
	Brain_Caudate_basal_ganglia	0.106346812			Brain_Caudate_basal_ganglia	1	1		
	1	1.614833244	1.614833244	1.614833244	NA	1	0		
	0.972491774								
SCAMP4	ENSG00000227500.9	0.106662398	2	2	0.062532957				
	Brain_Cerebellar_Hemisphere	0.353378754			Brain_Cerebellum	1.812455235			
	0.187544765	0.187544765			0.928055553	1.862497791		1.395276672	
	0.660750443	2	0	0.972491774					
CRIP1	ENSG00000119878.5	0.106720724	12	2	0.025112469				
	Brain_Nucleus_accumbens_basal_ganglia	0.196132611							
	Brain_Anterior_cingulate_cortex_BA24	10.85934414			0.003922323				
	0.473451832	-2.239668241			-1.292648634	-1.804652368		0.277835052	
	2	0	0.972491774						
AP3S1	ENSG00000177879.15	0.106726846	1	1	0.106726846				
	Brain_Frontal_Cortex_BA9	0.106726846			Brain_Frontal_Cortex_BA9	1	1		
	1	1.613081298	1.613081298	1.613081298	NA	1	0		
	0.972491774								
LINC00698	ENSG00000244342.5	0.106779062	1	1	0.106779062				
	Brain_Putamen_basal_ganglia	0.106779062			Brain_Putamen_basal_ganglia	1	1		
	1	1.612840971	1.612840971	1.612840971	NA	1	0		
	0.972491774								
POLE4	ENSG00000115350.11	0.107007585	8	7	0.005289158				
	Brain_Hippocampus	0.579590936			Brain_Amygdala	3.655636179			

	0.110158094	0.263816687	-2.788874365	1.299900392	-0.842983651				
	1.524749753	7	0	0.972491774					
QPRT	ENSG00000103485.17	0.107077534	12	4	0.022763569				
	Brain_Hypothalamus	0.975725387	Brain_Amygdala	7.975748941	7.95E-17				
	0.540973223	0.03042841	2.277379566	1.008563637	0.777217883	4			
	0	0.972491774							
RP5-1177M21.1	ENSG00000234104.1	0.107204498	6	5	0.053083023				
	Brain_Frontal_Cortex_BA9	0.946578612	Brain_Substantia_nigra						
	3.477038126	0.022978281	0.450856685	0.067003883	1.93424491				
	1.324045645	0.735221275	5	0	0.972491774				
SCAMP5	ENSG00000198794.11	0.107208645	1	1	0.107208645				
	Brain_Putamen_basal_ganglia	0.107208645	Brain_Putamen_basal_ganglia	1	1				
	1	1.610867318	1.610867318	1.610867318	NA	1	0		
	0.972491774								
RBM47	ENSG00000163694.14	0.107219709	1	1	0.107219709				
	Brain_Cerebellar_Hemisphere	0.107219709	Brain_Cerebellar_Hemisphere	1	1				
	1	1.61081657	1.61081657	1.61081657	NA	1	0	0.972491774	
NPEPL1	ENSG00000215440.11	0.107239809	10	2	0.110364578				
	Brain_Hypothalamus	0.56455316	Brain_Putamen_basal_ganglia	9.263155628					
	0.001277195	0.353606234	0.576091761	1.596556607	1.090877067				
	0.349663014	2	0	0.972491774					
STRADB	ENSG00000082146.12	0.107296425	1	1	0.107296425				
	Brain_Spinal_cord_cervical_c-1	0.107296425	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-1.610464795	-1.610464795	-1.610464795	NA	1	0
	0.972491774								
DNASE1	ENSG00000213918.10	0.107336048	1	1	0.107336048				
	Brain_Cerebellum	0.107336048	Brain_Cerebellum	1	1	1	-1.610283189		
	-1.610283189	-1.610283189	NA	1	0	0.972491774			
OPRL1	ENSG00000125510.15	0.107343687	3	3	0.055437345				
	Brain_Cerebellar_Hemisphere	0.277563213	Brain_Cerebellum	1.101516818					
	0.906813423	0.906813423	-1.915432695	-1.085809658	-1.447774911				
	0.424790277	3	0	0.972491774					
MRM3	ENSG00000171861.10	0.107400144	3	3	0.091884336	Brain_Cerebellum			
	0.369958328	Brain_Substantia_nigra	1.475037466	0.520574516					
	0.520574516	-1.68554051	1.562983288	0.257998068	1.715820361				
	3	0	0.972491774						
FKBP8	ENSG00000105701.15	0.10740439	2	2	0.040064569				
	Brain_Cerebellar_Hemisphere	0.416315567	Brain_Substantia_nigra						
	1.156751332	0.843248668	0.843248668	0.81282994	2.053082581				
	1.43295626	0.876991053	2	0	0.972491774				
CLNS1A	ENSG00000074201.8	0.107417865	1	1	0.107417865				
	Brain_Cerebellar_Hemisphere	0.107417865	Brain_Cerebellar_Hemisphere	1	1				
	1	1.609908356	1.609908356	1.609908356	NA	1	0		
	0.972491774								
RP11-305L7.3	ENSG00000237422.1	0.107499697	1	1	0.107499697				
	Brain_Cerebellum	0.107499697	Brain_Cerebellum	1	1	1	1.609533677		
	1.609533677	1.609533677	NA	1	0	0.972491774			
WLS	ENSG00000116729.13	0.107542412	2	2	0.051754769				
	Brain_Frontal_Cortex_BA9	0.717654774	Brain_Cerebellum	1.225884596					
	0.774115404	0.774115404	0.361594903	1.945167945	1.153381424				
	1.119755236	2	0	0.972491774					
WFDC1	ENSG00000103175.10	0.107567323	3	3	0.080261646	Brain_Cortex			
	0.861544173	Brain_Nucleus_accumbens_basal_ganglia	1.050873939						
	0.946790944	0.946790944	-1.721123	1.749169954	-0.048787293				
	1.738553673	3	0	0.972491774					
SLC35E2	ENSG00000215790.6	0.107622769	1	1	0.107622769				
	Brain_Cerebellar_Hemisphere	0.107622769	Brain_Cerebellar_Hemisphere	1	1				
	1	-1.608970606	-1.608970606	-1.608970606	NA	1	0		
	0.972491774								
MN1	ENSG00000169184.5	0.107674103	2	2	0.051273254				
	Brain_Nucleus_accumbens_basal_ganglia	0.391855612	Brain_Cerebellum						
	1.023252989	0.976747011	0.976747011	-0.856257051	1.94918568				

	0.546464314	1.98374758	2	0	0.972491774				
ATXN3	ENSG00000066427.21	0.107713593	2	2	0.092366756				
	Brain_Anterior_cingulate_cortex_BA24	0.215751209			Brain_Putamen_basal_ganglia				
	1.021469583	0.978530417	0.978530417		-1.683043059			-1.237905214	
	-1.460474136	0.314759989	2	0	0.972491774				
KIAA1549L	ENSG00000110427.14	0.107835874	1	1	0.107835874				
	Brain_Cerebellar_Hemisphere	0.107835874			Brain_Cerebellar_Hemisphere	1	1		
	1	1.607996826	1.607996826	1.607996826	NA	1	0		
	0.972491774								
SNCG	ENSG00000173267.13	0.107839838	6	6	0.015910845				
	Brain_Caudate_basal_ganglia	0.921578522			Brain_Cortex	3.132588423			
	0.130030177	0.130030177			-1.220609552	2.410954228		0.408050827	
	1.253585261	6	0	0.972491774					
MTMR3	ENSG00000100330.15	0.107909249	3	3	0.015381458				
	Brain_Cerebellar_Hemisphere	0.065403116			Brain_Cerebellum	2.383774425			
	0.147400437	0.147400437			-2.423270752	-1.842492685		-2.075336056	
	0.307018404	3	0	0.972491774					
TARBP2	ENSG00000139546.10	0.107934906	1	1	0.107934906				
	Brain_Cerebellar_Hemisphere	0.107934906			Brain_Cerebellar_Hemisphere	1	1		
	1	-1.607544817	-1.607544817	-1.607544817	NA	1	0		
	0.972491774								
NUP133	ENSG00000069248.11	0.108152906	2	2	0.115333231				
	Brain_Amygdala	0.280642874			Brain_Anterior_cingulate_cortex_BA24				
	1.189746001	0.810253999	0.810253999		-1.574667424			-1.078876304	
	-1.326771864	0.350577264	2	0	0.972491774				
ANKLE1	ENSG00000160117.14	0.108230712	7	6	0.021923079				
	Brain_Spinal_cord_cervical_c-1	0.717960103			Brain_Cerebellar_Hemisphere				
	4.112684772	0.1102363	0.23930817	-2.291697943	0.468012771				
	-1.034645278	1.135450887	6	0	0.972491774				
ARMC2	ENSG00000118690.12	0.108366983	11	4	0.058502043				
	Brain_Anterior_cingulate_cortex_BA24	0.973007829			Brain_Cerebellum	8.578213			
	0.001194276	0.351268636			-1.891916978	0.576047896		-0.231614883	
	0.741654573	4	0	0.972491774					
PAPD5	ENSG00000121274.12	0.108431711	1	1	0.108431711				
	Brain_Hypothalamus	0.108431711			Brain_Hypothalamus	1	1	1	
	1.605282218	1.605282218	1.605282218		NA	1	0	0.972491774	
SEZ6L	ENSG00000100095.18	0.108467272	2	2	0.042445753				
	Brain_Cerebellar_Hemisphere	0.129873216			Brain_Cerebellum	1.879955946			
	0.120044054	0.120044054			-2.029123109	-1.514602038		-1.771862574	
	0.363821338	2	0	0.972491774					
HNRNPC	ENSG00000092199.17	0.108506376	1	1	0.108506376				
	Brain_Cerebellar_Hemisphere	0.108506376			Brain_Cerebellar_Hemisphere	1	1		
	1	1.604942879	1.604942879	1.604942879	NA	1	0		
	0.972491774								
RP11-429B14.4	ENSG00000261478.1	0.108542933	13	8	0.001127746				
	Brain_Substantia_nigra	0.967923804			Brain_Frontal_Cortex_BA9				
	6.122690845	0.004782056	0.263016688		-0.577462425			3.256551126	
	1.314625335	1.466586754	8	0	0.972491774				
UAP1	ENSG00000117143.13	0.108606224	1	1	0.108606224				
	Brain_Putamen_basal_ganglia	0.108606224			Brain_Putamen_basal_ganglia	1	1		
	1	1.604489376	1.604489376	1.604489376	NA	1	0		
	0.972491774								
SCARF1	ENSG00000074660.15	0.108724276	1	1	0.108724276				
	Brain_Cerebellar_Hemisphere	0.108724276			Brain_Cerebellar_Hemisphere	1	1		
	1	1.603953623	1.603953623	1.603953623	NA	1	0		
	0.972491774								
TRPM7	ENSG00000092439.13	0.108866628	3	3	0.117445115				
	Brain_Caudate_basal_ganglia	0.869433098			Brain_Cerebellum	1.76034981			
	0.316779114	0.316779114			-1.014353516	1.56558794		0.23853768	
	1.291568486	3	0	0.972491774					
RP11-435J9.2	ENSG00000274340.1	0.108964751	1	1	0.108964751				
	Brain_Anterior_cingulate_cortex_BA24	0.108964751							

	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.602863693	
	-1.602863693	-1.602863693	NA	1	0	0.972491774
SSC5D	ENSG00000179954.15	0.10896618	8	8	0.00914181	
	Brain_Nucleus_accumbens_basal_ganglia	0.739252437				Brain_Cerebellum
	1.763660892	0.347273218	0.347273218		-2.606704936	1.490132518
	-0.385645216	1.294569134	8	0	0.972491774	
POLR1A	ENSG00000068654.15	0.109012254	12	1	0.040794057	
	Brain_Cortex	0.319172895				Brain_Putamen_basal_ganglia
	0.001753432	11.11453059	-2.045617107		-0.996159003	-1.543669834
	0.270032585	1	0	0.972491774		
MRPL24	ENSG00000143314.12	0.109137932	2	2	0.035800321	
	Brain_Nucleus_accumbens_basal_ganglia	0.822087684				Brain_Cerebellum
	1.033830997	0.966169003	0.966169003		0.224860648	2.099188116
	1.162024382	1.325349662	2	0	0.972491774	
CD79A	ENSG00000105369.9	0.109191461	1	1	0.109191461	
	Brain_Hypothalamus	0.109191461				Brain_Hypothalamus
	1.601837892	1.601837892	1.601837892	NA	1	0
FUT11	ENSG00000196968.10	0.109229139	6	3	0.074624629	Brain_Cortex
	0.964091472	Brain_Cerebellum	4.041161452		0.030958086	0.72261667
	-0.045019869	1.782764608	1.342612457		0.702006607	3
	0.972491774					0
CISD2	ENSG00000145354.9	0.109246642	3	2	0.02834222	Brain_Cerebellum
	0.283518064	Brain_Hypothalamus	2.570687517		0.008618605	
	0.420693878	1.072449768	2.192516675		1.7250083	0.582511922
	0	0.972491774				2
C7orf25	ENSG00000136197.12	0.109256235	11	2	0.221384713	
	Brain_Anterior_cingulate_cortex_BA24	0.729646826				Brain_Cortex
	9.549520348	0.011301662	0.619952973		-1.092171026	1.222854351
	-0.457929806	0.613475198	2	0	0.972491774	
LMOD3	ENSG00000163380.15	0.109275496	3	3	0.127759023	
	Brain_Spinal_cord_cervical_c-1	0.195333733				Brain_Cerebellar_Hemisphere
	1.10336475	0.884905168	0.884905168		-1.522998729	1.518174109
	-0.433261826	1.69383499	3	0	0.972491774	
PRDX2	ENSG00000167815.11	0.109483508	2	2	0.036104629	
	Brain_Hippocampus	0.715155141				Brain_Hypothalamus
	0.910623377	0.910623377	-2.095747122		-0.364941412	-1.230344267
	1.223864454	2	0	0.972491774		
C9orf116	ENSG00000160345.12	0.109602569	1	1	0.109602569	
	Brain_Nucleus_accumbens_basal_ganglia	0.109602569				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.599982033	
	1.599982033	1.599982033	NA	1	0	0.972491774
RPS9	ENSG00000170889.13	0.109721911	13	3	0.044793739	
	Brain_Nucleus_accumbens_basal_ganglia	0.789919356				Brain_Hypothalamus
	11.2428909	0.005453429	0.420014278		0.266415335	2.006586224
	1.575022364	0.440585817	3	0	0.972491774	
CERK	ENSG00000100422.13	0.109727528	2	2	0.059353744	Brain_Cerebellum
	0.706741721	Brain_Cerebellar_Hemisphere	1.274532436		0.725467564	
	0.725467564	-1.885563914	0.37623564		-0.754664137	1.599333802
	0	0.972491774				2
FGD4	ENSG00000139132.14	0.109893303	2	2	0.049742857	
	Brain_Cerebellar_Hemisphere	0.468397887				Brain_Nucleus_accumbens_basal_ganglia
	1.013976271	0.986023729	0.986023729		-0.725088258	1.962168614
	0.618540178	1.900177557	2	0	0.972491774	
RAB11FIP3	ENSG00000090565.15	0.109993493	5	5	0.012522892	
	Brain_Putamen_basal_ganglia	0.782247063				Brain_Cerebellum
	0.631478878	0.631478878	-0.326149056		2.497056725	0.502897016
	1.232789152	5	0	0.972491774		
TOGARAM2	ENSG00000189350.12	0.110061603	11	5	0.019436294	
	Brain_Anterior_cingulate_cortex_BA24	0.328877794				Brain_Cerebellar_Hemisphere
	7.740042869	0.015210613	0.296932683		-2.337055577	1.323487547
	-1.681192908	1.060060892	5	0	0.972491774	
LINC02035	ENSG00000273033.2	0.110089992	6	6	0.077315115	

	Brain_Anterior_cingulate_cortex_BA24	0.749322323		Brain_Cerebellar_Hemisphere	
	1.782916287	0.657667455	0.657667455	-1.766481425	1.21166293
	-0.698581034	1.078622636	6	0	0.972491774
RP11-72M17.1	ENSG00000258561.1	0.110103845	1	1	0.110103845
	Brain_Caudate_basal_ganglia	0.110103845		Brain_Caudate_basal_ganglia	1
	1	1.59772656	1.59772656	NA	1
	0.972491774				
RP11-347C12.3	ENSG00000258130.7	0.11020816	1	1	0.11020816
	Brain_Cortex	1	1	1.597258217	1.597258217
	1.597258217	NA	1	0	0.972491774
FAM19A1	ENSG00000183662.10	0.110254286	2	2	0.03646525
	Brain_Putamen_basal_ganglia	0.791928122		Brain_Substantia_nigra	
	1.037103335	0.962896665	0.962896665	-2.091701238	-0.263807673
	-1.177754455	1.292515935	2	0	0.972491774
ZNF30-AS1	ENSG00000270876.1	0.110300493	1	1	0.110300493
	Brain_Anterior_cingulate_cortex_BA24	0.110300493			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.596843966
	1.596843966	1.596843966	NA	1	0
	0.972491774				
SDC3	ENSG00000162512.15	0.110540426	1	1	0.110540426
	Brain_Cerebellum	1	1	1	-1.595768781
	-1.595768781	NA	1	0	0.972491774
PHACTR1	ENSG00000112137.17	0.110676912	3	3	0.167404102
	Brain_Substantia_nigra	0.335197792		Brain_Hippocampus	1.235889842
	0.732264227	0.732264227	-1.380593112	1.263581666	-0.360236193
	1.421632475	3	0	0.972491774	
TINCR	ENSG00000223573.6	0.110776765	2	2	0.141473248
	Brain_Cerebellar_Hemisphere	0.613853576		Brain_Cerebellum	1.523711122
	0.476288878	0.476288878	-1.470326868	0.504580404	-0.482873232
	1.396470324	2	0	0.972491774	
C19orf18	ENSG00000177025.3	0.110799843	7	7	0.100597076
	Brain_Spinal_cord_cervical_c-1	0.877577711		Brain_Cortex	3.281301124
	0.146552359	0.146552359	-0.686960889	1.641965875	0.258005149
	0.729606872	7	0	0.972491774	
GULP1	ENSG00000144366.15	0.110810246	1	1	0.110810246
	Brain_Nucleus_accumbens_basal_ganglia	0.110810246			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.594561864
	-1.594561864	-1.594561864	NA	1	0
	0.972491774				
MTHFD2L	ENSG00000163738.18	0.110877794	3	3	0.358550226
	Brain_Cerebellar_Hemisphere	0.558357192		Brain_Spinal_cord_cervical_c-1	
	1.865055312	0.267125323	0.267125323	-0.840234711	0.918131117
	0.221059927	0.934053872	3	0	0.972491774
MAN1B1	ENSG00000177239.14	0.110958533	6	6	0.008161483
	Brain_Cerebellum	0.904325284		Brain_Hippocampus	1.656644613
	0.478610953	0.478610953	-2.645315315	1.487256527	-0.316692014
	1.383733685	6	0	0.972491774	
ADAT1	ENSG00000065457.10	0.111084896	10	5	0.093077759
	Brain_Caudate_basal_ganglia	0.597143649		Brain_Frontal_Cortex_BA9	
	7.141191342	0.024432427	0.293816339	-1.679381283	1.103948727
	-0.66778446	0.902315456	5	0	0.972491774
NCS1	ENSG00000107130.9	0.11108786	1	1	0.11108786
	Brain_Cerebellum	1	1	1.59332251	1.59332251
	0.972491774			1.59332251	NA
					1
					0
TMA7	ENSG00000232112.3	0.111173793	12	1	0.058210244
	Brain_Hypothalamus	11.56923223		Brain_Amygdala	
	0.192130859	0.00033248	11.56923223	0.00033248	11.56923223
	1.30430134	1.894111253	1.565927405	0.182816827	1
	0.972491774				0
RP11-499E18.1	ENSG00000248161.5	0.111198474	4	4	0.043329214
	Brain_Putamen_basal_ganglia	0.899891791		Brain_Frontal_Cortex_BA9	
	1.909626146	0.31041156	0.31041156	-1.431744456	2.020522547
	1.490138697	4	0	0.972491774	0.37507569
RP11-352D13.5	ENSG00000259504.2	0.111247695	1	1	0.111247695
	Brain_Cerebellar_Hemisphere	0.111247695		Brain_Cerebellar_Hemisphere	1
	1	1.592610062	1.592610062	1.592610062	NA
					1
					0

	0.972491774								
TTYH3	ENSG00000136295.14	0.111340483	1	1	0.111340483	Brain_Cortex			
	0.111340483	Brain_Cortex	1	1	1	-1.592196842	-1.592196842		
	-1.592196842	NA	1	0	0.972491774				
PCNX2	ENSG00000135749.18	0.111390703	2	2	0.060423239	Brain_Cerebellum			
	0.274177499	Brain_Anterior_cingulate_cortex_BA24	1.089398447						
	0.910601553	0.910601553	-1.877692534	1.093492775	-0.392099879				
	2.100945281	2	0	0.972491774					
BTBD19	ENSG00000222009.8	0.111440904	1	1	0.111440904				
	Brain_Cortex	0.111440904	Brain_Cortex	1	1	1	-1.591749933		
	-1.591749933	-1.591749933	NA	1	0	0.972491774			
ATOX1	ENSG00000177556.11	0.111465633	1	1	0.111465633				
	Brain_Frontal_Cortex_BA9	0.111465633	Brain_Frontal_Cortex_BA9	1	1				
	1	1.59163993	1.59163993	1.59163993	NA	1	0	0.972491774	
EFTUD2	ENSG00000108883.12	0.111475302	2	2	0.038050191				
	Brain_Cerebellar_Hemisphere	0.232077149	Brain_Cerebellum	1.679325382					
	0.320674618	0.320674618	1.195025291	2.074313654	1.634669473				
	0.621750764	2	0	0.972491774					
C10orf11	ENSG00000148655.14	0.111819484	9	4	0.038660338				
	Brain_Hypothalamus	0.794964219	Brain_Hippocampus	6.436068908					
	0.019926624	0.503087856	-2.067784004	0.259869784	-0.921645315				
	0.650998981	4	0	0.972491774					
ERI1	ENSG00000104626.14	0.111915192	3	3	0.332378245				
	Brain_Putamen_basal_ganglia	0.724699225	Brain_Cortex	2.199360195					
	0.133294528	0.133294528	-0.969334654	0.556579615	-0.020189879				
	0.8283122	3	0	0.972491774					
PLD5	ENSG00000180287.16	0.112020947	3	3	0.105425636				
	Brain_Cerebellar_Hemisphere	0.759497841	Brain_Cerebellum	1.878700269					
	0.332766015	0.332766015	0.306140278	1.619100527	0.963029946				
	0.656480507	3	0	0.972491774					
CUBN	ENSG00000107611.14	0.112062278	7	3	0.02310237				
	Brain_Cerebellar_Hemisphere	0.731534443	Brain_Anterior_cingulate_cortex_BA24						
	5.08663028	0.024171995	0.669545443	-2.271737492	-0.343085096				
	-1.262950187	0.743074398	3	0	0.972491774				
ATP8A2	ENSG00000132932.16	0.112114768	4	4	0.012699853				
	Brain_Frontal_Cortex_BA9	0.827811649	Brain_Spinal_cord_cervical_c-1						
	1.099901518	0.836881228	0.836881228	-0.936202517	2.492076909				
	0.672991483	1.433684797	4	0	0.972491774				
AC104135.2	ENSG00000236209.1	0.112140491	13	1	0.086381258				
	Brain_Substantia_nigra	0.211838935	Brain_Amygdala	12.45010393					
	0.000360512	12.45010393	1.248524794	1.714803508	1.552199056				
	0.147180039	1	0	0.972491774					
JMJD7	ENSG00000243789.10	0.11250551	9	3	0.139535416				
	Brain_Nucleus_accumbens_basal_ganglia	0.952250132	Brain_Cerebellar_Hemisphere						
	7.128750054	0.006353422	0.568982977	-0.411279793	1.477523306				
	0.45384312	0.737847084	3	0	0.972491774				
PIK3CA	ENSG00000121879.3	0.112545985	2	2	0.077411818				
	Brain_Spinal_cord_cervical_c-1	0.241876216	Brain_Hippocampus						
	1.029791131	0.970208869	0.970208869	-1.765904821	1.170310058				
	-0.297797381	2.076217452	2	0	0.972491774				
PIGO	ENSG00000165282.13	0.112565945	7	5	0.018854953				
	Brain_Frontal_Cortex_BA9	0.775475892	Brain_Cortex	4.361337391					
	0.01827284	0.3795768	-2.348386341	0.285219617	-0.804711831	0.91438979			
	5	0	0.972491774						
RSU1	ENSG00000148484.17	0.112598621	8	6	0.016815896	Brain_Cortex			
	0.937578582	Brain_Hippocampus	4.044887932	0.06432202	0.26770062				
	-2.390708547	1.144945246	-0.086016045	1.013856318	6	0			
	0.972491774								
MICAL1	ENSG00000135596.17	0.112651836	7	5	0.008743527				
	Brain_Cerebellum	0.964765678	Brain_Cortex	4.190232724	0.042761758				
	0.219496885	-2.621922658	0.044174036	-0.691289212	0.934867028				
	5	0	0.972491774						

MUC1	ENSG00000185499.16	0.112724326	1	1	0.112724326		
	Brain_Nucleus_accumbens_basal_ganglia	0.112724326					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.586066055		
	-1.586066055	-1.586066055	NA	0	0.972491774		
REXO4	ENSG00000148300.11	0.112887866	5	2	0.03630539	Brain_Hippocampus	
	0.407447789	Brain_Cortex	3.94808266	0.053467661	0.794903788		
	0.828393319	2.093490511	1.189914566	0.512951474	2	0	
	0.972491774						
ABAT	ENSG00000183044.11	0.112937222	4	4	0.023686706		
	Brain_Spinal_cord_cervical_c-1	0.721149157					
	Brain_Anterior_cingulate_cortex_BA24	1.347862001			0.764575638		
	0.764575638	-0.780891057	2.26217318	0.566201781	1.399154192		4
	0	0.972491774					
RNF215	ENSG00000099999.14	0.112958664	4	4	0.029629325		
	Brain_Putamen_basal_ganglia	0.812962146			Brain_Caudate_basal_ganglia		
	1.678213926	0.445973247	0.445973247	-2.175010562	1.518996752		
	-0.065488603	1.578458004	4	0	0.972491774		
LRFN5	ENSG00000165379.13	0.11302934	4	4	0.145516819		
	Brain_Cerebellar_Hemisphere	0.821049446			Brain_Cerebellum	1.906688938	
	0.118345951	0.118345951	0.226195402	1.455550868	0.67081094		
	0.557558833	4	0	0.972491774			
CRTC3	ENSG00000140577.15	0.113134072	2	2	0.095561826	Brain_Cortex	
	0.270499099	Brain_Cerebellum	1.090035722	0.909964278	0.909964278		
	1.101913913	1.666761564	1.384337738	0.399407604	2	0	
	0.972491774						
FAM170A	ENSG00000164334.15	0.113187685	3	2	0.27242379		
	Brain_Spinal_cord_cervical_c-1	0.806909529			Brain_Hippocampus		
	2.629275057	0.052792336	0.317932607	-1.097497919	0.416026092		
	-0.145685654	0.828747576	2	0	0.972491774		
NEBL	ENSG00000078114.18	0.113312851	1	1	0.113312851	Brain_Amygdala	
	0.113312851	Brain_Amygdala	1	1	1	-1.583476711	-1.583476711
	-1.583476711	NA	1	0	0.972491774		
LRRC25	ENSG00000175489.9	0.113344572	2	2	0.044651162		
	Brain_Nucleus_accumbens_basal_ganglia	0.12876068	Brain_Caudate_basal_ganglia				
	1.513709722	0.486290278	0.486290278	-2.007925941	-1.519007214		
	-1.763466578	0.345717747	2	0	0.972491774		
RPS16	ENSG00000105193.8	0.113395712	3	2	0.081022924	Brain_Cerebellum	
	0.659396183	Brain_Nucleus_accumbens_basal_ganglia	2.647438225				
	0.029011057	0.323550719	-1.744781421	0.440746978	-0.667326534		
	1.093085871	2	0	0.972491774			
SATB1	ENSG00000182568.16	0.113568762	1	1	0.113568762	Brain_Cerebellum	
	0.113568762	Brain_Cerebellum	1	1	1	1.582354077	1.582354077
	1.582354077	NA	1	0	0.972491774		
FASTKD5	ENSG00000215251.3	0.113712377	4	4	0.021026891		
	Brain_Spinal_cord_cervical_c-1	0.470355891					
	Brain_Anterior_cingulate_cortex_BA24	2.946276448			0.119329266		
	0.119329266	0.721900115	2.307501284	1.456265262	0.650836086		
	4	0	0.972491774				
PISD	ENSG00000241878.11	0.113712535	10	6	0.084658746		
	Brain_Anterior_cingulate_cortex_BA24	0.85131274	Brain_Frontal_Cortex_BA9				
	6.648210765	0.035608333	0.267595208	-1.72427203	0.829837729		
	-0.813895682	0.726961728	6	0	0.972491774		
SEC61A2	ENSG00000065665.20	0.11387567	9	3	0.017112364	Brain_Cortex	
	0.460001154	Brain_Substantia_nigra	7.299923484	0.000462325			
	0.496551374	-2.384284578	-0.738844949	-1.61419778	0.434824885		
	3	0	0.972491774				
SLC5A4	ENSG00000100191.5	0.113882862	8	3	0.093866061		
	Brain_Frontal_Cortex_BA9	0.924060435	Brain_Amygdala	6.046627773			
	0.004186035	0.343444865	-1.005272625	1.675347551	0.769800844		
	0.908901576	3	0	0.972491774			
MBD4	ENSG00000129071.9	0.113948392	1	1	0.113948392		
	Brain_Spinal_cord_cervical_c-1	0.113948392			Brain_Spinal_cord_cervical_c-1		

1	1	1	-1.580692379	-1.580692379	-1.580692379	NA	1	0
0.972491774								
CDCA8	ENSG00000134690.10	0.114094729	2	2	0.073325266			
Brain_Nucleus_accumbens_basal_ganglia	0.246691024					Brain_Substantia_nigra		
1.052934621	0.947065379	0.947065379			-1.790800803	-1.158424062		
-1.474612433	0.447157882	2	0	0.972491774				
CCDC173	ENSG00000154479.12	0.114110947	7	2	0.022675954			
Brain_Cerebellar_Hemisphere	0.177088988					Brain_Hippocampus	6.439644727	
1.42E-09	0.241464768	1.349772441			2.2788505	1.858740854		
0.409381257	2	0	0.972491774					
PHRF1	ENSG00000070047.11	0.114119489	3	3	0.150008263			
Brain_Caudate_basal_ganglia	0.334576905					Brain_Cerebellar_Hemisphere		
1.942928419	0.315631357	0.315631357			-1.150624589	1.439502285		
-0.225352743	1.444792985	3	0	0.972491774				
RP11-573G6.6	ENSG00000261671.1	0.114185256	1	1	0.114185256			
Brain_Frontal_Cortex_BA9	0.114185256					Brain_Frontal_Cortex_BA9	1	1
1	1.579657793	1.579657793	1.579657793	NA	1	0		
0.972491774								
C5orf56	ENSG00000197536.11	0.114238623	10	2	0.065752126			
Brain_Hippocampus	0.95993511	Brain_Anterior_cingulate_cortex_BA24						
8.777321552	3.55E-05	0.776740431			-0.050235013	1.840109751		
0.457562214	0.560461728	2	0	0.972491774				
PIGV	ENSG00000060642.10	0.114266995	3	3	0.07437643			
Brain_Anterior_cingulate_cortex_BA24	0.556124736					Brain_Cerebellar_Hemisphere		
1.547984964	0.450356718	0.450356718			-0.588607299	1.784290768		
0.763429389	1.220622433	3	0	0.972491774				
LINC01549	ENSG00000232560.6	0.114288658	1	1	0.114288658			
Brain_Frontal_Cortex_BA9	0.114288658					Brain_Frontal_Cortex_BA9	1	1
1	-1.579206681	-1.579206681	-1.579206681	NA	1	0		
0.972491774								
RUSC2	ENSG00000198853.11	0.114291017	1	1	0.114291017			
Brain_Caudate_basal_ganglia	0.114291017					Brain_Caudate_basal_ganglia	1	1
1	1.579196392	1.579196392	1.579196392	NA	1	0		
0.972491774								
CABP7	ENSG00000100314.3	0.114297022	2	2	0.298918734		Brain_Cerebellum	
0.88753758	Brain_Cerebellar_Hemisphere	1.830887582			0.169112418			
0.169112418	-1.038754915	0.141420729			-0.448667093	0.8345102	2	
0	0.972491774							
ATP5C1	ENSG00000165629.19	0.114348275	4	4	0.01565118			
Brain_Cerebellar_Hemisphere	0.400235112					Brain_Frontal_Cortex_BA9		
2.082028679	0.085528122	0.085528122			-2.416949705	-0.841201409		
-1.827469117	0.712290925	4	0	0.972491774				
ATG4B	ENSG00000168397.16	0.114402931	4	4	0.035873027			
Brain_Frontal_Cortex_BA9	0.499226245					Brain_Caudate_basal_ganglia		
2.566205646	0.092757119	0.092757119			-2.098363722	1.399421367		
0.177422265	1.552348103	4	0	0.972491774				
TLDC1	ENSG00000140950.15	0.114568505	2	2	0.113052267			
Brain_Hypothalamus	0.171751843					Brain_Cerebellar_Hemisphere	1.010605914	
0.989394086	0.989394086	1.366596411			1.584621894	1.475609152		
0.154167298	2	0	0.972491774					
LINC01301	ENSG00000251396.6	0.114600232	10	3	0.005236564			
Brain_Hypothalamus	0.187875802					Brain_Caudate_basal_ganglia	8.808946932	
0.003380283	0.332482098	1.316889096			2.792109477	2.105867719		
0.407510765	3	0	0.972491774					
SPHKAP	ENSG00000153820.12	0.114627533	2	2	0.186658917			
Brain_Cerebellum	0.782394341					Brain_Cerebellar_Hemisphere	1.850320717	
0.149679283	0.149679283	0.276200151			1.320527632	0.798363891		
0.738451044	2	0	0.972491774					
RP11-509J21.4	ENSG00000226669.2	0.114667581	2	2	0.041609418			
Brain_Substantia_nigra	0.691725677					Brain_Spinal_cord_cervical_c-1		
1.013839814	0.986160186	0.986160186			-0.396514278	2.037405552		
0.820445637	1.721041217	2	0	0.972491774				

SRSF12	ENSG00000154548.8	0.114811773	4	4	0.042120883	
	Brain_Frontal_Cortex_BA9	0.506159			Brain_Anterior_cingulate_cortex_BA24	
	1.625102146	0.555173578	0.555173578	-2.032323832	1.310721028	
	-0.770660593	1.504635488	4	0	0.972491774	
BISPR	ENSG00000282851.1	0.114881097	1	1	0.114881097	
	Brain_Cerebellar_Hemisphere	0.114881097			Brain_Cerebellar_Hemisphere1	1
	1	1.576628214	1.576628214	1.576628214	NA	1 0
	0.972491774					
CANT1	ENSG00000171302.16	0.114888063	4	4	0.057408646	
	Brain_Frontal_Cortex_BA9	0.739698658			Brain_Caudate_basal_ganglia	
	1.417595202	0.680877572	0.680877572	-1.900186529	1.427065034	
	-0.345623077	1.507914913	4	0	0.972491774	
PEX6	ENSG00000124587.13	0.114963372	13	1	0.069608068	Brain_Cerebellum
	0.221357501	Brain_Spinal_cord_cervical_c-1	12.60331731		0.000126956	
	12.60331731	-1.814452638	-1.222926387	-1.551384242	0.146644689	
	1	0	0.972491774			
GUF1	ENSG00000151806.13	0.114983779	13	2	0.032976593	Brain_Amygdala
	0.679459475	Brain_Cerebellum	11.37245582		0.002272008	0.845172566
	-2.132368159	-0.413200837	-1.431590787	0.445218862	2	0
	0.972491774					
ZAP70	ENSG00000115085.13	0.114991773	11	3	0.136716275	
	Brain_Nucleus_accumbens_basal_ganglia	0.595420322			Brain_Putamen_basal_ganglia	
	9.445155175	0.001129384	0.37332217	-1.488131281	1.408961637	
	-0.824860479	0.774467034	3	0	0.972491774	
CH17-140K24.3	ENSG00000280336.1	0.115002544	1	1	0.115002544	
	Brain_Cerebellum	0.115002544	Brain_Cerebellum1	1	1	1.576100934
	1.576100934	1.576100934	NA	1	0	0.972491774
PRDX5	ENSG00000126432.13	0.115005422	7	7	0.047602248	Brain_Cerebellum
	0.539627063	Brain_Nucleus_accumbens_basal_ganglia	2.276259596		0.26794053	
	0.26794053	-1.910037994	1.98090215	0.577497575	1.409327869	7 0
	0.972491774					
AKNA	ENSG00000106948.16	0.115081203	7	7	0.053814531	
	Brain_Putamen_basal_ganglia	0.853686584			Brain_Hippocampus	2.922845148
	0.10067224	0.10067224	-1.337370094	1.928326472	0.389646789	1.11452166
	7	0	0.972491774			
RP11-373D23.3	ENSG00000270210.1	0.115172735	1	1	0.115172735	
	Brain_Cortex	0.115172735	Brain_Cortex	1	1	1.575362762
	1.575362762	1.575362762	NA	1	0	0.972491774
EXOSC4	ENSG00000178896.8	0.115302056	1	1	0.115302056	
	Brain_Nucleus_accumbens_basal_ganglia	0.115302056				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.574802426	
	1.574802426	1.574802426	NA	1	0	0.972491774
SPRY4	ENSG00000187678.8	0.115337559	2	2	0.05372071	
	Brain_Cerebellar_Hemisphere	0.543837523			Brain_Spinal_cord_cervical_c-1	
	1.084894436	0.915105564	0.915105564	-1.929081781	0.607020176	
	-0.661030802	1.793294891	2	0	0.972491774	
C11orf70	ENSG00000137691.12	0.115374992	2	2	0.105937166	
	Brain_Anterior_cingulate_cortex_BA24	0.237417659			Brain_Substantia_nigra	
	1.074698893	0.925301107	0.925301107	1.181465983	1.616727262	
	1.399096623	0.307776202	2	0	0.972491774	
LINC01291	ENSG00000204792.2	0.115400926	13	1	0.085680538	
	Brain_Hippocampus	0.212804353	Brain_Cortex	12.53777859		
	0.001518658	12.53777859	1.245891169	1.718636735	1.546551314	
	0.128574805	1	0	0.972491774		
HN1L	ENSG00000206053.12	0.11547385	3	3	0.027147657	
	Brain_Cerebellar_Hemisphere	0.76213588	Brain_Cortex	1.147013535		
	0.797260922	0.797260922	0.302677194	2.209388111	1.272669087	
	0.953790828	3	0	0.972491774		
LRP5L	ENSG00000100068.11	0.115640717	5	4	0.01294843	
	Brain_Frontal_Cortex_BA9	0.880768895			Brain_Caudate_basal_ganglia	
	3.055810775	0.074126795	0.189913198	-2.485184527	0.281567365	
	-1.308863938	1.279152833	4	0	0.972491774	

KCNS3	ENSG00000170745.11	0.115755699	7	6	0.147795461				
	Brain_Hippocampus	0.903506648			Brain_Amygdala	3.465272259			
	0.071455106	0.212183223			-1.447362365	0.938491437			-0.307271215
	0.829072563	6	0	0.972491774					
TMED8	ENSG00000100580.7	0.115772542	3	3	0.02932857				
	Brain_Cerebellar_Hemisphere	0.081317306			Brain_Cortex	2.052485668			
	0.28346936	0.28346936	1.743093371		2.179041712	1.943930616			
	0.219985821	3	0	0.972491774					
TMEM98	ENSG0000006042.11	0.1158587	9	5	0.040258086				
	Brain_Hippocampus	0.983991712			Brain_Cerebellar_Hemisphere	5.978678945			
	0.019997967	0.249692133			-0.670260807	2.051090994			0.483121917
	0.732450867	5	0	0.972491774					
TBX5	ENSG00000089225.19	0.115864168	2	2	0.077358751				Brain_Cerebellum
	0.609914035	Brain_Hippocampus	1.30050195		0.69949805	0.69949805			
	-1.766221166	0.510196171			-0.628012498	1.609670136			2 0
	0.972491774								
RP11-398C13.8	ENSG00000284024.1	0.115945149	1	1	0.115945149				
	Brain_Frontal_Cortex_BA9	0.115945149			Brain_Frontal_Cortex_BA9	1			1
	1	1.572023293			1.572023293	1.572023293			NA 1 0
	0.972491774								
FAM98B	ENSG00000171262.11	0.116116486	2	2	0.042819491				
	Brain_Cerebellar_Hemisphere	0.88723234			Brain_Cerebellum	1.150342272			
	0.849657728	0.849657728			-0.141807145	2.025466439			0.941829647
	1.532493848	2	0	0.972491774					
TAB1	ENSG00000100324.13	0.116162172	2	1	0.115327564				
	Brain_Cerebellar_Hemisphere	0.118218487			Brain_Cerebellum	1.993399508			
	0.006600492	1.993399508			1.562295093	1.574691964			1.568493529
	0.008765912	1	0	0.972491774					
RP11-807H7.2	ENSG00000248479.1	0.116325524	1	1	0.116325524				
	Brain_Cortex	0.116325524			Brain_Cortex	1			1
	-1.570385196	-1.570385196			NA 1	0			0.972491774
BCHE	ENSG00000114200.9	0.116348898	5	4	0.07311247				Brain_Cerebellum
	0.8522711	Brain_Cortex	2.650708062		0.052328692	0.429759889			
	-1.561442197	1.792127969			0.149080609	1.221877801			4 0
	0.972491774								
TST	ENSG00000128311.13	0.116510732	7	7	0.033277656				Brain_Cortex
	0.843432929	Brain_Cerebellar_Hemisphere	2.568596645		0.179080785				
	0.179080785	-0.898832717			2.128717313	0.847695254			1.051276346
	7	0	0.972491774						
RP11-83B20.1	ENSG00000214650.2	0.11652935	1	1	0.11652935				Brain_Cerebellum
	0.11652935	Brain_Cerebellum	1		1	-1.569509144			-1.569509144
	-1.569509144	NA	1	0	0.972491774				
RPRML	ENSG00000179673.4	0.116529397	1	1	0.116529397				Brain_Cerebellum
	0.116529397	Brain_Cerebellum	1		1	-1.569508944			-1.569508944
	-1.569508944	NA	1	0	0.972491774				
CRBN	ENSG00000113851.14	0.116622507	2	2	0.065094917				
	Brain_Frontal_Cortex_BA9	0.139500495			Brain_Hippocampus	1.314145732			
	0.685854268	0.685854268			-1.8446057	-1.477653693			-1.661129696
	0.259474253	2	0	0.972491774					
MAP2K1	ENSG00000169032.9	0.116726622	2	2	0.113608594				
	Brain_Cerebellar_Hemisphere	0.82775541			Brain_Hypothalamus	1.562263144			
	0.437736856	0.437736856			-0.217581231	1.582179523			0.682299146
	1.272623034	2	0	0.972491774					
DUSP4	ENSG00000120875.8	0.116799472	1	1	0.116799472				
	Brain_Caudate_basal_ganglia	0.116799472			Brain_Caudate_basal_ganglia	1			1
	1	1.568350004			1.568350004	1.568350004			NA 1 0
	0.972491774								
PIP5K1C	ENSG00000186111.9	0.116805355	2	2	0.061133486				
	Brain_Cerebellum	0.61409505			Brain_Cerebellar_Hemisphere	1.195655875			
	0.804344125	0.804344125			-1.872528764	0.504236705			-0.68414603
	1.68062698	2	0	0.972491774					
THUMPD3	ENSG00000134077.15	0.116912372	12	5	0.04397737				Brain_Cerebellum

	0.505906722	Brain_Spinal_cord_cervical_c-1	8.793044452	0.001225868
	0.366792478	-0.798199679	2.014306447	1.075492099
	5	0	0.972491774	0.907500384
12-Sep	ENSG00000140623.13	0.116961495	13	5
	Brain_Caudate_basal_ganglia	0.908744732	Brain_Anterior_cingulate_cortex_BA24	0.009666459
	9.642845514	0.007114576	0.480008769	-0.114622011
	1.046635404	0.646305211	5	0
			0.972491774	2.587537793
UFD1L	ENSG00000070010.18	0.117000286	1	1
	Brain_Frontal_Cortex_BA9	0.117000286	Brain_Frontal_Cortex_BA9	1
	1	1.56748964	1.56748964	1.56748964
		NA	1	0
			0.972491774	
KLRC3	ENSG00000205810.8	0.117187182	11	3
	Brain_Hypothalamus	0.369362215	Brain_Frontal_Cortex_BA9	9.289399496
	0.00140662	0.309835169	0.897668674	2.533708872
	0.42446909	3	0	0.972491774
				1.704206504
FHDC1	ENSG00000137460.8	0.117304322	3	3
	Brain_Frontal_Cortex_BA9	0.103407686	Brain_Cerebellar_Hemisphere	
	2.032582636	0.241529992	0.241529992	1.628552975
	1.956830501	0.287808959	3	0
			0.972491774	2.165795557
SLC35A1	ENSG00000164414.17	0.117355538	6	6
	Brain_Anterior_cingulate_cortex_BA24	0.851047554	Brain_Hypothalamus	
	3.100797565	0.35320602	0.35320602	-2.045273066
	-1.007949128	0.688788061	6	0
			0.972491774	-0.187781991
CFAP99	ENSG00000206113.10	0.117367918	3	3
	Brain_Cerebellum	0.941725096	Brain_Cortex	1.401297054
	0.580472172	-0.628687429	2.257651516	0.567355301
	3	0	0.972491774	1.505308276
ZNF212	ENSG00000170260.8	0.117401531	4	4
	Brain_Hypothalamus	0.406927409	Brain_Putamen_basal_ganglia	2.006404918
	0.48709839	0.48709839	0.829312836	2.659800607
	0.837731882	4	0	0.972491774
				1.465025461
HIST1H2AG	ENSG00000196787.3	0.117526715	2	2
	Brain_Hypothalamus	0.376398653	Brain_Cerebellar_Hemisphere	1.138009514
	0.861990486	0.861990486	-1.730783375	-0.884551354
	0.5983764	2	0	0.972491774
				-1.307667364
ZNF490	ENSG00000188033.9	0.117629553	1	1
	Brain_Cerebellum	0.117629553	Brain_Cerebellum	1
	1.564801101	1.564801101	NA	1
			0	0.972491774
				1.564801101
KIF18B	ENSG00000186185.13	0.117645175	1	1
	Brain_Anterior_cingulate_cortex_BA24	0.117645175		
	Brain_Anterior_cingulate_cortex_BA24	1	1	1
	1.564734501	1.564734501	NA	1
			0	0.972491774
KIAA2013	ENSG00000116685.15	0.118172281	1	1
	Brain_Nucleus_accumbens_basal_ganglia	0.118172281		
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1
	1.562491353	1.562491353	NA	1
			0	0.972491774
TXNL1	ENSG00000091164.12	0.118338464	1	1
	Brain_Cerebellum	1	1	1
	0.118338464	Brain_Cerebellum	1	1
	1.561785775	NA	1	0
			0.972491774	1.561785775
COX6B2	ENSG00000160471.12	0.118395625	3	3
	Brain_Cerebellar_Hemisphere	0.773453821	Brain_Cerebellum	1.173849025
	0.832630212	0.832630212	-0.287860112	1.697971242
	1.12727029	3	0	0.972491774
				1.013198804
USP16	ENSG00000156256.14	0.118517805	2	1
	Brain_Cerebellar_Hemisphere	1.97967541	0.02032459	1.97967541
	0.140813687	Brain_Cerebellar_Hemisphere	1.97967541	0.02032459
	1.47276769	1.633378603	1.553073147	0.113569066
				1
				0
				0.972491774
LINC00161	ENSG00000226935.6	0.118543477	1	1
	Brain_Cerebellum	0.118543477	Brain_Cerebellum	1
	-1.560916402	-1.560916402	NA	1
			0	0.972491774
RP11-188P17.2	ENSG00000272646.1	0.118767754	1	1
	Brain_Amygdala	0.118767754	Brain_Amygdala	1
	-1.559966685	-1.559966685	NA	1
			0	0.972491774

NOB1	ENSG00000141101.12	0.118795497	6	4	0.021024087	Brain_Cerebellum
	0.21315722 Brain_Caudate_basal_ganglia	4.196957782			0.017746257	
	0.172330261	-2.307551647	-1.244930713		-1.768676055	0.40101643 4
	0	0.972491774				
SNHG19	ENSG00000260260.1	0.118797535	1	1	0.118797535	
	Brain_Nucleus_accumbens_basal_ganglia	0.118797535				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.559840684	
	1.559840684	1.559840684	NA	0	0.972491774	
C8orf4	ENSG00000176907.4	0.118930833	2	2	0.101092603	
	Brain_Spinal_cord_cervical_c-1	0.483004108			Brain_Hippocampus	1.3009868
	0.6990132	0.6990132	-0.701479044	1.639579621	0.469050288	
	1.655378458	2	0	0.972491774		
VASH2	ENSG00000143494.15	0.119013725	2	2	0.091879794	
	Brain_Nucleus_accumbens_basal_ganglia	0.227710387			Brain_Cortex	
	1.009738864	0.990261136	0.990261136		-1.685564071	1.20627782
	-0.239643125	2.044841011	2	0	0.972491774	
ARHGEF10L	ENSG00000074964.16	0.119061676	3	3	0.079288989	
	Brain_Cerebellum	0.94937492	Brain_Cerebellar_Hemisphere	1.639124297		
	0.360767661	0.360767661	-1.754826502	0.563862847	-0.375823965	
	1.220175727	3	0	0.972491774		
MDFI	ENSG00000112559.13	0.119158404	1	1	0.119158404	Brain_Amygdala
	0.119158404	Brain_Amygdala	1	1	1.558315804	1.558315804
	1.558315804	NA	1	0	0.972491774	
WBP2	ENSG00000132471.11	0.119331591	4	4	0.017886342	
	Brain_Frontal_Cortex_BA9	0.872368995			Brain_Putamen_basal_ganglia	
	1.336296299	0.59063519	0.59063519	-2.367962645	-0.160650098	
	-1.238572729	1.063880234	4	0	0.972491774	
RP11-468E2.10	ENSG00000276698.1	0.11937373	2	2	0.094661206	
	Brain_Cerebellum	0.302904324	Brain_Frontal_Cortex_BA9	1.10220523	0.89779477	
	0.89779477	1.030225154	1.671306231	1.350765693	0.453312777	2
	0	0.972491774				
GPR179	ENSG00000277399.4	0.119608882	2	2	0.04192825	Brain_Cortex
	0.091015477	Brain_Frontal_Cortex_BA9	1.717841408	0.282158592		
	0.282158592	1.690065225	2.034231594	1.862148409	0.243362373	
	2	0	0.972491774			
NME1	ENSG00000239672.7	0.119717723	13	4	0.006552328	Brain_Cerebellum
	0.698357819	Brain_Substantia_nigra	10.33360498	0.000182721		
	0.564013621	0.387538188	2.718779441	2.017555409	0.626433407	
	4	0	0.972491774			
GZF1	ENSG00000125812.15	0.119719567	3	3	0.043785475	Brain_Cerebellum
	0.850906845	Brain_Cerebellar_Hemisphere	1.260344937	0.777931094		
	0.777931094	-1.227776202	2.016138695	0.325441326	1.626321461	
	3	0	0.972491774			
DPYSL4	ENSG00000151640.12	0.119890358	5	3	0.081414824	
	Brain_Cerebellar_Hemisphere	0.417238647	Brain_Anterior_cingulate_cortex_BA24			
	4.044793524	0.021261092	0.19329042	-0.81122121	1.742535275	
	1.009396214	1.033944741	3	0	0.972491774	
ZBTB46	ENSG00000130584.10	0.119892141	6	2	0.254105583	
	Brain_Putamen_basal_ganglia	0.789563943	Brain_Cortex	5.549050239		
	0.000342949	0.293068682	-1.140433885	0.266876899	-0.707262469	
	0.503101443	2	0	0.972491774		
C5AR2	ENSG00000134830.5	0.119933868	1	1	0.119933868	Brain_Cerebellum
	0.119933868	Brain_Cerebellum	1	1	1.555051231	1.555051231
	1.555051231	NA	1	0	0.972491774	
SMARCD3	ENSG00000082014.16	0.11997801	1	1	0.11997801	
	Brain_Frontal_Cortex_BA9	0.11997801	Brain_Frontal_Cortex_BA9	1	1	1
	-1.5548659	-1.5548659	-1.5548659	NA	1	0
				0.972491774		
JKAMP	ENSG00000050130.17	0.1200744	1	1	0.1200744	
	Brain_Nucleus_accumbens_basal_ganglia	0.1200744				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.55446139	
	-1.55446139	-1.55446139	NA	1	0	0.972491774
KBTBD3	ENSG00000182359.14	0.120182014	3	3	0.025799985	

	Brain_Anterior_cingulate_cortex_BA24	0.727515549		Brain_Cortex	
	2.007961645	0.343236526	0.343236526	0.3484323	2.22920926
	1.213186068	0.949469495	3	0	0.972491774
GIPC2	ENSG00000137960.5	0.12026289	1	1	0.12026289
	Brain_Amygdala	1	1	1.553671102	1.553671102
	NA	1	0	0.972491774	1.553671102
ORMDL3	ENSG00000172057.9	0.120285926	3	3	0.018408821
	Brain_Caudate_basal_ganglia	0.722994147		Brain_Frontal_Cortex_BA9	
	1.704596293	0.29872961	0.29872961	-2.357290874	0.403108776
	-0.533240687	1.579861067	3	0	0.972491774
RP11-17E13.2	ENSG00000272864.1	0.120397985	13	5	0.006211299
	Brain_Nucleus_accumbens_basal_ganglia	0.292107665		Brain_Substantia_nigra	
	9.411678048	0.008294731	0.48055703	-2.736413134	-1.053509232
	-2.235129181	0.433415501	5	0	0.972491774
ALDH6A1	ENSG00000119711.12	0.120504788	5	3	0.032115553
	Brain_Cerebellum	0.559701093	Brain_Amygdala	3.220243768	0.027364909
	0.773653376	-2.142969433	0.583285543	-1.294186038	1.16971169
	0	0.972491774			3
IL17RE	ENSG00000163701.18	0.120572221	3	3	0.016170089
	Brain_Anterior_cingulate_cortex_BA24	0.924358908		Brain_Hippocampus	
	1.046015839	0.96057557	0.96057557	-2.405053701	0.152244268
	-0.71928831	1.460196744	3	0	0.972491774
PSMC3IP	ENSG00000131470.14	0.120626299	3	3	0.036836082
	Brain_Putamen_basal_ganglia	0.973276639	Brain_Hippocampus	1.592108457	
	0.563459473	0.563459473	-0.820614136	2.08757619	0.411154341
	1.504220798	3	0	0.972491774	
SYNGR4	ENSG00000105467.8	0.120745222	2	2	0.087584486
	Brain_Hippocampus	0.12792151	Brain_Hypothalamus	1.240907853	
	0.759092147	0.759092147	1.522349584	1.70827954	1.615314562
	0.131472333	2	0	0.972491774	
RP5-1102E8.3	ENSG00000272855.1	0.120781583	1	1	0.120781583
	Brain_Spinal_cord_cervical_c-1	0.120781583	Brain_Spinal_cord_cervical_c-1		
	1	1	1	1.551501355	1.551501355
	0.972491774	1.551501355		NA	1
					0
RP11-266K4.13	ENSG00000276417.1	0.120951902	2	2	0.074183212
	Brain_Nucleus_accumbens_basal_ganglia	0.311860757			
	Brain_Spinal_cord_cervical_c-1	1.003859383	0.996140617	0.996140617	
	-1.011325307	1.785481734	0.387078214	1.977641225	2
	0.972491774				0
AC068831.16	ENSG00000278514.1	0.120994541	3	3	0.022229716
	Brain_Cerebellum	0.710744469	Brain_Caudate_basal_ganglia	1.534122917	
	0.486162521	0.486162521	-2.28641971	0.370856429	-1.146392594
	1.36821102	3	0	0.972491774	
SAMD15	ENSG00000100583.4	0.121045994	3	2	0.119909354
	Brain_Hypothalamus	0.656424652	Brain_Amygdala	2.731928542	
	0.022516757	0.245554701	-1.555154179	-0.444854851	-1.165832189
	0.625050079	2	0	0.972491774	
SNX27	ENSG00000143376.12	0.121105185	11	3	0.055243548
	Brain_Frontal_Cortex_BA9	0.359506391	Brain_Putamen_basal_ganglia		
	9.990949308	3.95E-05	0.340075895	0.916306059	1.916955793
	1.664951289	0.384006374	3	0	0.972491774
RP11-314B1.2	ENSG00000273301.1	0.121167515	2	2	0.048109877
	Brain_Caudate_basal_ganglia	0.56186397	Brain_Amygdala	1.009529984	
	0.990470016	0.990470016	0.580075107	1.976396594	1.278235851
	0.987348393	2	0	0.972491774	
MRPL54	ENSG00000183617.4	0.121212471	6	5	0.023571222
	Brain_Spinal_cord_cervical_c-1	0.781788685	Brain_Caudate_basal_ganglia		
	2.560049936	0.00100569	0.444771453	-0.404002052	2.264047035
	1.128588669	1.157518548	5	0	0.972491774
AATK-AS1	ENSG00000225180.7	0.121349289	1	1	0.121349289
	Brain_Cortex	0.121349289	Brain_Cortex	1	1
	-1.549134926	-1.549134926	NA	1	0
				0.972491774	

SCAMP1-AS1 ENSG00000245556.2 0.121361241 5 3 0.221995288
 Brain_Cerebellum 0.892950176 Brain_Cerebellar_Hemisphere 4.461176658
 0.047244083 0.166740659 -0.134572133 1.221239671 0.82212795
 0.543785618 3 0 0.972491774
 FBXW5 ENSG00000159069.13 0.12138695 2 2 0.05312706 Brain_Caudate_basal_ganglia
 0.919432279 Brain_Nucleus_accumbens_basal_ganglia 1.38249433 0.61750567
 0.61750567 -1.9338867 -0.101148877 -1.017517788 1.295941343 2 0
 0.972491774
 RP11-367J11.3 ENSG00000245468.3 0.121428845 7 4 0.059368323
 Brain_Cerebellar_Hemisphere 0.600867141 Brain_Hypothalamus 5.061383655
 5.85E-17 0.352614915 -1.88545583 -0.523153926 -0.945933949
 0.599731199 4 0 0.972491774
 RP11-688I9.4 ENSG00000254938.1 0.121566194 1 1 0.121566194
 Brain_Hippocampus 0.121566194 Brain_Hippocampus 1 1 1
 1.548233061 1.548233061 1.548233061 NA 1 0 0.972491774
 SLC38A2 ENSG00000134294.13 0.121613651 2 2 0.046178706
 Brain_Anterior_cingulate_cortex_BA24 0.703324618 Brain_Caudate_basal_ganglia
 1.053706269 0.946293731 0.946293731 -1.993756189 0.380836439
 -0.806459875 1.67909055 2 0 0.972491774
 POLR2J3 ENSG00000168255.19 0.121662059 2 2 0.081079258
 Brain_Cortex 0.083355638 Brain_Spinal_cord_cervical_c-1 1.43400583
 0.56599417 0.56599417 1.73153921 1.744458007 1.737998609 0.009134969
 2 0 0.972491774
 SMYD3 ENSG00000185420.18 0.121740557 2 2 0.097283167 Brain_Cortex
 0.142502813 Brain_Cerebellar_Hemisphere 1.165203429 0.834796571
 0.834796571 1.466534195 1.658169956 1.562352075 0.135506946
 2 0 0.972491774
 SACS ENSG00000151835.14 0.121783182 3 3 0.020983291
 Brain_Hippocampus 0.669580346 Brain_Cerebellum 1.771636388
 0.241931468 0.241931468 -2.308284988 0.487571084 -0.464663292
 1.596913057 3 0 0.972491774
 CSNK1A1 ENSG00000113712.17 0.121793485 1 1 0.121793485
 Brain_Putamen_basal_ganglia 0.121793485 Brain_Putamen_basal_ganglia 1 1
 1 1.547289367 1.547289367 1.547289367 NA 1 0
 0.972491774
 ITGBL1 ENSG00000198542.13 0.121860384 2 2 0.041589049
 Brain_Cerebellum 0.436950069 Brain_Cerebellar_Hemisphere 1.26771411 0.73228589
 0.73228589 0.777353789 2.037609021 1.407481405 0.891135021 2
 0 0.972491774
 TOM1 ENSG00000100284.20 0.121980633 1 1 0.121980633
 Brain_Frontal_Cortex_BA9 0.121980633 Brain_Frontal_Cortex_BA9 1 1
 1 -1.546513372 -1.546513372 -1.546513372 NA 1 0
 0.972491774
 ZFP64 ENSG00000020256.19 0.122062992 1 1 0.122062992 Brain_Cortex
 0.122062992 Brain_Cortex 1 1 1 1.546172172 1.546172172
 1.546172172 NA 1 0 0.972491774
 COG8 ENSG00000213380.14 0.122144954 1 1 0.122144954
 Brain_Frontal_Cortex_BA9 0.122144954 Brain_Frontal_Cortex_BA9 1 1
 1 -1.545832798 -1.545832798 -1.545832798 NA 1 0
 0.972491774
 SOX7 ENSG00000171056.7 0.122202721 2 2 0.090461617 Brain_Cerebellum
 0.387137724 Brain_Cerebellar_Hemisphere 1.163254572 0.836745428
 0.836745428 -0.86481976 1.692967693 0.414073967 1.808628853
 2 0 0.972491774
 RP11-206L10.9 ENSG00000237491.8 0.122265938 11 10 0.007115939
 Brain_Substantia_nigra 0.886713064 Brain_Anterior_cingulate_cortex_BA24
 2.467739884 0.062939637 0.158309474 -2.002658063 2.691369206
 0.17849293 1.227225347 10 0 0.972491774
 PIK3R1 ENSG00000145675.14 0.122294285 3 3 0.12162017
 Brain_Caudate_basal_ganglia 0.64015985 Brain_Nucleus_accumbens_basal_ganglia
 1.45031678 0.548617446 0.548617446 -1.548008831 1.140366206
 0.01994423 1.398947154 3 0 0.972491774

ASPHD1	ENSG00000174939.10	0.122418521	6	3	0.00334106			
	Brain_Hypothalamus	0.667457006				Brain_Nucleus_accumbens_basal_ganglia		
	3.920765801	0.003132877	0.922202327		-0.44065615	2.934480983		
	1.397686383	1.457005834	3	0	0.972491774			
RUFY3	ENSG00000018189.12	0.122464054	1	1	0.122464054			
	Brain_Hippocampus	0.122464054				Brain_Hippocampus	1	1
	1.54451321	1.54451321	1.54451321	NA	1	0	0.972491774	
SCO1	ENSG00000133028.10	0.122632411	10	2	0.225400805			
	Brain_Spinal_cord_cervical_c-1	0.977654361				Brain_Hypothalamus		
	8.704672694	0.000583942	0.700137553		-1.21229153	0.69980392		
	-0.70457583	0.59973416	2	0	0.972491774			
CYP39A1	ENSG00000146233.7	0.122719991	4	4	0.033459013			
	Brain_Cerebellum	0.586768916				Brain_Nucleus_accumbens_basal_ganglia		
	1.255359726	0.791697678	0.791697678		-0.543524226	2.126531702		
	0.942783574	1.109696926	4	0	0.972491774			
SPCS2	ENSG00000118363.11	0.122872225	2	2	0.043987842			
	Brain_Spinal_cord_cervical_c-1	0.776004296				Brain_Frontal_Cortex_BA9		
	1.041797976	0.958202024	0.958202024		-0.284529936	2.014206648		
	0.864838356	1.625452226	2	0	0.972491774			
SLC8A3	ENSG00000100678.18	0.122910356	5	2	0.031874931			
	Brain_Putamen_basal_ganglia	0.175275436				Brain_Cerebellum	4.112324423	
	0.006126488	0.748477335	-1.824736466		2.145975525	0.560513166		
	1.972420926	2	0	0.972491774				
CDKN1B	ENSG00000111276.10	0.12307155	1	1	0.12307155			
	Brain_Cerebellar_Hemisphere	0.12307155				Brain_Cerebellar_Hemisphere	1	1
	-1.542008408	-1.542008408	-1.542008408	NA	1	0	0.972491774	
SNX15	ENSG00000110025.12	0.123088008	9	4	0.026923906			
	Brain_Anterior_cingulate_cortex_BA24	0.820108442				Brain_Hippocampus		
	7.354101789	0.02216733	0.279106437		-2.212619268	-0.227405502		
	-1.55703067	0.575264082	4	0	0.972491774			
PTP4A1	ENSG00000112245.10	0.123224605	1	1	0.123224605			
	Brain_Spinal_cord_cervical_c-1	0.123224605				Brain_Spinal_cord_cervical_c-1		
	1	1	1	1.541378864	1.541378864	1.541378864	NA	1
	0.972491774							0
PACRG	ENSG00000112530.11	0.123295162	9	5	0.152872197			
	Brain_Hypothalamus	0.752058722				Brain_Frontal_Cortex_BA9	6.122323046	
	0.00260151	0.226549783	-1.060294555		1.429459537	-0.205456081		
	0.81475555	5	0	0.972491774				
RP11-430H10.2	ENSG00000255267.3	0.123317126	2	2	0.043331849			
	Brain_Hypothalamus	0.824831672				Brain_Hippocampus	1.04954895	0.95045105
	0.95045105	-0.221334907	2.020497112		0.899581102	1.585214623		2
	0	0.972491774						
SLC43A2	ENSG00000167703.14	0.123366188	2	2	0.137778851			
	Brain_Hypothalamus	0.4659128				Brain_Putamen_basal_ganglia	1.38450918	0.61549082
	0.61549082	-1.484113356	0.729145278		-0.377484039	1.565010189		2
	0	0.972491774						
PTPN14	ENSG00000152104.11	0.123385575	3	3	0.06138096			
	Brain_Frontal_Cortex_BA9	0.887022431				Brain_Nucleus_accumbens_basal_ganglia		
	2.28958473	0.256241771	0.256241771		0.142072891	1.870741206		
	1.087271423	0.875608746	3	0	0.972491774			
CD83	ENSG00000112149.9	0.123680967	3	3	0.089276359			
	Brain_Hippocampus	1.169270932				Brain_Amygdala		
	0.340588663				0.83728578	0.83728578		
	-1.69922733	-0.953002778	-1.33212227		0.373257325	3		0
	0.972491774							
RP11-472I20.3	ENSG00000283217.1	0.123692645	1	1	0.123692645			
	Brain_Cortex	0.123692645				Brain_Cortex	1	1
	1.539457504	1.539457504	NA	1	0	0.972491774		1
	1.539457504							1.539457504
INTS6	ENSG00000102786.14	0.123763353	2	2	0.063059839			
	Brain_Caudate_basal_ganglia	0.301473274				Brain_Cerebellar_Hemisphere		
	1.100527258	0.899472742	0.899472742		1.033279167	1.858769346		
	1.446024256	0.583709703	2	0	0.972491774			
MDH2	ENSG00000146701.11	0.123768778	2	2	0.077448839			
						Brain_Cerebellum		

	0.281591448	Brain_Hypothalamus	1.026646451	0.973353549		
	0.973353549	-1.765684238	1.076751163	-0.344466538	2.009905348	
	2	0	0.972491774			
ARMC12	ENSG00000157343.8	0.123919274	1	1	0.123919274	
	Brain_Caudate_basal_ganglia	0.123919274	Brain_Caudate_basal_ganglia	1	1	
	1	-1.538529203	-1.538529203	-1.538529203	NA	1 0
	0.972491774					
CACNA1C	ENSG00000151067.21	0.123997847	3	2	0.05296381	Brain_Cortex
	0.287974695	Brain_Cerebellar_Hemisphere	2.09603764	0.037213214		
	0.866749146	-1.935215881	-1.062575075	-1.411631942	0.461757803	
	2	0	0.972491774			
RP11-395N3.2	ENSG00000272622.1	0.124052964	1	1	0.124052964	
	Brain_Frontal_Cortex_BA9	0.124052964	Brain_Frontal_Cortex_BA9	1	1	
	1	1.537982213	1.537982213	1.537982213	NA	1 0
	0.972491774					
ETFBKMT	ENSG00000139160.13	0.124084642	2	2	0.171366694	
	Brain_Cerebellar_Hemisphere	0.210244289	Brain_Frontal_Cortex_BA9			
	1.176076609	0.823923391	0.823923391	-1.367825533	1.252893992	
	-0.05746577	1.853128548	2	0	0.972491774	
GAREM2	ENSG00000157833.12	0.12414204	1	1	0.12414204	
	Brain_Caudate_basal_ganglia	0.12414204	Brain_Caudate_basal_ganglia	1	1	1
	1.537618016	1.537618016	1.537618016	NA	1	0 0.972491774
RP11-571L19.8	ENSG00000272777.1	0.12414634	8	6	0.065138367	
	Brain_Hippocampus	0.954317882	Brain_Cerebellar_Hemisphere	5.116709517		
	0.053615838	0.206206155	-1.844307308	-0.057285361	-0.979498734	
	0.639448358	6	0	0.972491774		
TRIM46	ENSG00000163462.17	0.124213552	2	2	0.073083221	
	Brain_Hippocampus	0.290581093	Brain_Substantia_nigra	1.043761853		
	0.956238147	0.956238147	-1.792310631	-1.056847717	-1.424579174	
	0.520050814	2	0	0.972491774		
NAT16	ENSG00000167011.8	0.124328865	5	4	0.076302649	
	Brain_Caudate_basal_ganglia	0.762604751	Brain_Cerebellum	3.122144659		
	0.072260543	0.375076199	-1.772553945	0.914778606	-0.233832479	
	1.141451217	4	0	0.972491774		
LINC00882	ENSG00000242759.6	0.124342679	2	2	0.047644423	
	Brain_Frontal_Cortex_BA9	0.931069814	Brain_Nucleus_accumbens_basal_ganglia			
	1.202059978	0.797940022	0.797940022	-1.980526285	0.08649892	
	-0.947013683	1.46160754	2	0	0.972491774	
CD3EAP	ENSG00000117877.10	0.124503784	7	5	0.020483716	
	Brain_Frontal_Cortex_BA9	0.611725766	Brain_Cortex	4.564918279		
	0.007800304	0.247356941	-1.568706393	2.317367593	0.920276244	
	1.227893771	5	0	0.972491774		
GOLGA7	ENSG00000147533.16	0.124509958	8	2	0.032098164	
	Brain_Substantia_nigra	0.197208796	Brain_Amygdala	6.864377102		
	0.0136944	0.601474059	1.289544674	2.143186022	1.651601891	
	0.294383629	2	0	0.972491774		
IQSEC3	ENSG00000120645.11	0.124730966	3	3	0.035554892	
	Brain_Cerebellar_Hemisphere	0.740562745	Brain_Frontal_Cortex_BA9			
	1.540851035	0.437337553	0.437337553	-0.331108217	2.101981554	
	1.282761797	1.397706418	3	0	0.972491774	
MAMDC4	ENSG00000177943.13	0.124799678	2	2	0.085473096	
	Brain_Cerebellum	0.091655862	Brain_Hippocampus	1.394344857		
	0.605655143	0.605655143	-1.719776392	-1.686726976	-1.703251684	
	0.023369466	2	0	0.972491774		
PTPN6	ENSG00000111679.16	0.124822991	1	1	0.124822991	Brain_Cerebellum
	0.124822991	Brain_Cerebellum	1	1	1.534840584	1.534840584
	1.534840584	NA	1	0	0.972491774	
ITIH5	ENSG00000123243.14	0.12493999	1	1	0.12493999	
	Brain_Anterior_cingulate_cortex_BA24	0.12493999				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.534364565	
	-1.534364565	-1.534364565	NA	1	0.972491774	
S100A3	ENSG00000188015.9	0.124948557	3	3	0.065850278	

	Brain_Anterior_cingulate_cortex_BA24	0.978572428		Brain_Cerebellar_Hemisphere	
	1.688444206	0.306381109	0.306381109	0.026858707	1.839441476
	1.045048772	0.926783695	3	0	0.972491774
RP11-284F21.9	ENSG00000272068.1	0.125034679	1	1	0.125034679
	Brain_Cerebellum	0.125034679	1	1	1.533979571
	1.533979571	1.533979571	NA	1	0
					0.972491774
RP11-704J17.5	ENSG00000272428.1	0.125072471	1	1	0.125072471
	Brain_Anterior_cingulate_cortex_BA24	0.125072471			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.533825973
	1.533825973	1.533825973	NA	1	0
					0.972491774
DALRD3	ENSG00000178149.16	0.125087896	5	3	0.024960108
	Brain_Cortex	0.071977879	Brain_Anterior_cingulate_cortex_BA24		
	3.748776375	0.070458342	0.438205239	-2.242019558	-1.799257997
	-2.016071769	0.184298689	3	0	0.972491774
MFSD4A	ENSG00000174514.12	0.125093333	5	5	0.058565382
	Brain_Nucleus_accumbens_basal_ganglia	0.855555288	Brain_Cortex		
	2.582676242	0.12639934	0.12639934	-1.891441885	-0.182034962
	-0.877097391	0.62982875	5	0	0.972491774
MAN2A2	ENSG00000196547.14	0.125128824	2	2	0.041485252
	Brain_Anterior_cingulate_cortex_BA24	0.958838664	Brain_Cerebellum		
	1.011968021	0.988031979	0.988031979	-0.051610988	2.038647185
	0.993518099	1.478035728	2	0	0.972491774
ARPIN	ENSG00000242498.7	0.125177092	3	3	0.082145492
	Brain_Spinal_cord_cervical_c-1	0.53330594	Brain_Caudate_basal_ganglia		
	1.255747844	0.769182267	0.769182267	-1.478017395	1.738370839
	0.294440284	1.633167435	3	0	0.972491774
CRYZ	ENSG00000116791.13	0.125188865	13	6	0.009118226
	Brain_Nucleus_accumbens_basal_ganglia	0.49441365	Brain_Spinal_cord_cervical_c-1		
	9.177633731	0.02991335	0.338788902	-2.607589397	-0.683305768
	-2.008344972	0.618367936	6	0	0.972491774
FXYD7	ENSG00000221946.7	0.125305753	1	1	0.125305753
	Brain_Cerebellum	1	1	1	1.532878666
	1.532878666	NA	1	0	0.972491774
FOXO3	ENSG00000118689.14	0.125378396	3	3	0.097908072
	Brain_Anterior_cingulate_cortex_BA24	1.325731034	Brain_Cerebellum		
	0.667287653	0.667287653	-1.397300478	1.655080983	0.32303882
	1.562798498	3	0	0.972491774	
TGOLN2	ENSG00000152291.13	0.12548401	3	3	0.027181887
	Brain_Frontal_Cortex_BA9	0.992009939	Brain_Putamen_basal_ganglia		
	1.733092958	0.467500299	0.467500299	-0.010014224	2.208895828
	1.038597583	1.114448808	3	0	0.972491774
ANGPT1	ENSG00000154188.9	0.125642194	1	1	0.125642194
	Brain_Cerebellar_Hemisphere	0.125642194	Brain_Cerebellar_Hemisphere	1	1
	1	-1.531514871	-1.531514871	-1.531514871	NA
					1
					0
					0.972491774
TP73	ENSG00000078900.14	0.125707514	2	2	0.089852694
	Brain_Amygdala				
	0.344079927	Brain_Cerebellum	1.103201929	0.896798071	0.896798071
	0.946134622	1.696175262	1.321154942	0.530358823	2
					0
					0.972491774
LIMK2	ENSG00000182541.17	0.125741262	6	5	0.029125684
	Brain_Anterior_cingulate_cortex_BA24	0.71283255	Brain_Cortex		
	0.080804587	0.220067561	-2.181781211	1.179703729	-1.020854296
	1.255508453	5	0	0.972491774	
LENEP	ENSG00000163352.5	0.12579458	1	1	0.12579458
	Brain_Cerebellum	0.12579458	Brain_Cerebellum	0.12579458	0.12579458
	Brain_Cerebellum	1	1	1	-1.530898094
	NA	1	0	0.972491774	
ELAVL1	ENSG00000066044.14	0.125846482	1	1	0.125846482
	Brain_Cortex	0.125846482	Brain_Cortex	1	1
	-1.530688156	-1.530688156	NA	1	0
					0.972491774
ENO3	ENSG00000108515.17	0.125873369	9	9	0.118402458
	Brain_Amygdala				
	0.990775038	Brain_Hippocampus	4.412762196	0.16621892	0.16621892
	-0.932816941	1.561514275	0.15655534	0.830226405	9
					0

0.972491774
LINC02084 ENSG00000272282.1 0.126024661 2 2 0.045397254
Brain_Cerebellum 0.584886154 Brain_Cerebellar_Hemisphere 1.08756869 0.91243131
0.91243131 -0.546261562 2.000954866 0.727346652 1.80115401 2 0
0.972491774
EMP1 ENSG00000134531.9 0.126029568 5 5 0.006278036
Brain_Hippocampus 0.990858746 Brain_Putamen_basal_ganglia 1.385103973
0.62943895 0.62943895 -2.732894886 0.501785627 -0.591207311
1.263591458 5 0 0.972491774
C5orf42 ENSG00000197603.13 0.126121885 2 2 0.0663001 Brain_Cerebellum
0.315769681 Brain_Cortex 1.070024938 0.929975062 0.929975062
-1.836389304 1.003188996 -0.416600154 2.007885072 2 0
0.972491774
TMUB1 ENSG00000164897.12 0.126155788 1 1 0.126155788
Brain_Frontal_Cortex_BA9 0.126155788 Brain_Frontal_Cortex_BA9 1 1
1 -1.529438446 -1.529438446 -1.529438446 NA 1 0
0.972491774
AFG3L2 ENSG00000141385.9 0.126293502 1 1 0.126293502
Brain_Spinal_cord_cervical_c-1 0.126293502 Brain_Spinal_cord_cervical_c-1
1 1 1 -1.528882797 -1.528882797 -1.528882797 NA 1 0
0.972491774
CTA-246H3.12 ENSG00000272942.1 0.126301071 4 4 0.045180125
Brain_Hippocampus 0.9307341 Brain_Amygdala 1.995511653 0.494312993
0.494312993 -2.002973578 0.086921261 -1.224735547 0.966169973
4 0 0.972491774
NDST1 ENSG00000070614.14 0.126301637 6 4 0.013059381
Brain_Putamen_basal_ganglia 0.20690477 Brain_Cerebellar_Hemisphere 5.053757289
0.022747674 0.193943533 1.262122334 2.482145841 1.754253824
0.452072943 4 0 0.972491774
ATXN1 ENSG00000124788.17 0.126346552 2 2 0.042524912
Brain_Hippocampus 0.886696066 Brain_Caudate_basal_ganglia 1.004949495
0.995050505 0.995050505 -2.02834635 0.14248609 -0.94293013
1.535010339 2 0 0.972491774
C16orf54 ENSG00000185905.3 0.126395488 1 1 0.126395488
Brain_Cerebellar_Hemisphere 0.126395488 Brain_Cerebellar_Hemisphere 1 1
1 1.528471606 1.528471606 1.528471606 NA 1 0
0.972491774
BTN3A1 ENSG00000026950.16 0.126451888 7 5 0.070522939
Brain_Hippocampus 0.420401327 Brain_Cortex 4.454830144
0.005507034 0.18657959 -1.529795061 1.808537157 0.377478159
1.312230102 5 0 0.972491774
XYLT1 ENSG00000103489.11 0.126455258 1 1 0.126455258
Brain_Cerebellar_Hemisphere 0.126455258 Brain_Cerebellar_Hemisphere 1 1
1 -1.528230743 -1.528230743 -1.528230743 NA 1 0
0.972491774
CTA-384D8.35 ENSG00000272666.1 0.126495446 1 1 0.126495446
Brain_Cerebellar_Hemisphere 0.126495446 Brain_Cerebellar_Hemisphere 1 1
1 1.528068844 1.528068844 1.528068844 NA 1 0
0.972491774
NDUFAF8 ENSG00000224877.3 0.126513031 6 5 0.020251859
Brain_Cerebellar_Hemisphere 0.823641646 Brain_Cerebellum 3.05405942
0.045156286 0.169220966 -1.48248935 2.321648699 0.864642286
1.514976961 5 0 0.972491774
DOK6 ENSG00000206052.10 0.126671717 1 1 0.126671717 Brain_Amygdala
0.126671717 Brain_Amygdala 1 1 1 -1.527359197 -1.527359197
-1.527359197 NA 1 0 0.972491774
INTS2 ENSG00000108506.11 0.126748324 1 1 0.126748324
Brain_Cerebellar_Hemisphere 0.126748324 Brain_Cerebellar_Hemisphere 1 1
1 1.527051025 1.527051025 1.527051025 NA 1 0
0.972491774
GPN1 ENSG00000198522.13 0.126762599 3 3 0.289906404
Brain_Frontal_Cortex_BA9 0.821064836 Brain_Cerebellar_Hemisphere

	2.494152437	0.12725663	0.12725663	-1.058326965	0.841093026				
	-0.147803184	0.952132215	3	0	0.972491774				
NCOA5	ENSG00000124160.11	0.126836364	1	1	0.126836364				
	Brain_Nucleus_accumbens_basal_ganglia	0.126836364							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.52669704				
	-1.52669704	-1.52669704	NA	1	0.972491774				
LIPG	ENSG00000101670.11	0.126861713	1	1	0.126861713				
	Brain_Caudate_basal_ganglia	0.126861713			Brain_Caudate_basal_ganglia	1	1		
	1	-1.526595154	-1.526595154	-1.526595154	NA	1	0		
	0.972491774								
EIF3A	ENSG00000107581.12	0.126981847	1	1	0.126981847	Brain_Amygdala			
	0.126981847	Brain_Amygdala	1	1	1	1.52611251	1.52611251	1.52611251	
	NA	1	0	0.972491774					
COX19	ENSG00000240230.5	0.127042578	1	1	0.127042578				
	Brain_Substantia_nigra	0.127042578			Brain_Substantia_nigra	1	1		
	1	-1.525868655	-1.525868655	-1.525868655	NA	1	0		
	0.972491774								
TMEM8B	ENSG00000137103.16	0.127107074	13	1	0.05847603				
	Brain_Anterior_cingulate_cortex_BA24	0.363171091			Brain_Caudate_basal_ganglia				
	12.4050553	0.000374583	12.4050553	-1.892112221	-0.909339226				
	-1.488436137	0.258715229	1	0	0.972491774				
MRPS14	ENSG00000120333.4	0.127181033	3	3	0.031203733				
	Brain_Caudate_basal_ganglia	0.527826088			Brain_Putamen_basal_ganglia				
	1.173978191	0.859191943	0.859191943	0.631327991	2.154464885				
	1.279790217	0.786362227	3	0	0.972491774				
PSMD2	ENSG00000175166.16	0.127314722	9	5	0.207502911				
	Brain_Anterior_cingulate_cortex_BA24	0.95852331	Brain_Putamen_basal_ganglia						
	5.856071075	0.056663616	0.368836403	-0.916915651	1.260461547				
	0.063572279	0.792129243	5	0	0.972491774				
CTD-2062F14.3	ENSG00000259031.1	0.127462032	2	2	0.054558956				
	Brain_Cerebellum	0.458110767	Brain_Putamen_basal_ganglia	1.047476454					
	0.952523546	0.952523546	0.741961327	1.922372077	1.332166702				
	0.834676447	2	0	0.972491774					
SUMF2	ENSG00000129103.17	0.127499594	10	3	0.04261149				
	Brain_Spinal_cord_cervical_c-1	0.978206745	Brain_Cortex	8.266407762					
	0.015368448	0.564379292	0.027317191	2.027498188	0.432686239				
	0.605258399	3	0	0.972491774					
APOPT1	ENSG00000256053.7	0.127589325	10	7	0.001259522				
	Brain_Hippocampus	0.550731646	Brain_Spinal_cord_cervical_c-1						
	6.044570761	0.036217166	0.234297326	-3.225046458	-0.59666413				
	-1.955571926	0.769912983	7	0	0.972491774				
ADRM1	ENSG00000130706.12	0.127640466	1	1	0.127640466				
	Brain_Caudate_basal_ganglia	0.127640466	Brain_Caudate_basal_ganglia	1	1				
	1	1.523472781	1.523472781	1.523472781	NA	1	0		
	0.972491774								
SLC1A3	ENSG00000079215.13	0.127645088	1	1	0.127645088				
	Brain_Cerebellum	0.127645088	Brain_Cerebellum	1	1	1	-1.52345429		
	-1.52345429	-1.52345429	NA	1	0	0.972491774			
ZMAT3	ENSG00000172667.10	0.127669971	3	3	0.160611206	Brain_Amygdala			
	0.601283513	Brain_Cortex	1.321278954	0.680837204	0.680837204				
	-1.403018891	1.344863442	0.154800065	1.410371389	3	0			
	0.972491774								
SULT1E1	ENSG00000109193.10	0.127780687	1	1	0.127780687				
	Brain_Spinal_cord_cervical_c-1	0.127780687	Brain_Spinal_cord_cervical_c-1						
	1	1	1	1.522912144	1.522912144	1.522912144	NA	1	0
	0.972491774								
RP11-108E14.1	ENSG00000253300.1	0.127849948	1	1	0.127849948				
	Brain_Substantia_nigra	0.127849948	Brain_Substantia_nigra	1	1				
	1	1.522635399	1.522635399	1.522635399	NA	1	0		
	0.972491774								
PTK2	ENSG00000169398.19	0.127924831	10	9	0.001748596				
	Brain_Nucleus_accumbens_basal_ganglia	0.992426374	Brain_Putamen_basal_ganglia						

	3.432380103	0.041645396	0.218211038	-3.129910469	1.413741101
	-0.137437918	1.213254079	0	0.972491774	
RP11-21401.2	ENSG00000266709.1	0.128022541	1	1	0.128022541
	Brain_Cerebellar_Hemisphere	0.128022541	Brain_Cerebellar_Hemisphere	1	1
	1	-1.521946282	-1.521946282	-1.521946282	NA 1 0
	0.972491774				
WBP11	ENSG00000084463.7	0.128157411	3	3	0.050354504 Brain_Cerebellum
	0.960868648	Brain_Cortex	2.18150752	0.207685151	0.207685151
	-1.956940165	0.049063555	-0.791853619	1.041550319	3 0
	0.972491774				
DNAAF2	ENSG00000165506.14	0.128269838	2	2	0.056272296
	Brain_Hypothalamus	0.551115467	Brain_Cerebellum	1.043943452	
	0.956056548	0.956056548	-1.9089209	-0.596089457	-1.252505179
	0.928312016	2 0	0.972491774		
C10orf105	ENSG00000214688.5	0.128324818	4	4	0.10167831 Brain_Cerebellum
	0.448504357	Brain_Nucleus_accumbens_basal_ganglia	1.703539594		
	0.383844642	0.383844642	-1.322664456	1.636771083	0.577102605
	1.316481111	4 0	0.972491774		
GNPDA2	ENSG00000163281.11	0.128348847	12	2	0.017497806
	Brain_Caudate_basal_ganglia	0.094071135	Brain_Cerebellum	11.01817992	
	0.002167064	0.378156135	1.674302643	2.376077107	1.910480359
	0.196582614	2 0	0.972491774		
TRAM2	ENSG00000065308.4	0.128399098	1	1	0.128399098
	Brain_Caudate_basal_ganglia	0.128399098	Brain_Caudate_basal_ganglia	1	1
	1	-1.520445293	-1.520445293	-1.520445293	NA 1 0
	0.972491774				
MIR137HG	ENSG00000225206.8	0.1284187	6	4	0.038445232
	Brain_Hippocampus	0.435551032	Brain_Anterior_cingulate_cortex_BA24		
	4.5400746	0.057986541	0.218628067	-2.070075955	-0.779727935
	-1.291872532	0.601742201	4 0	0.972491774	
GLTPD2	ENSG00000182327.7	0.128533282	3	3	0.181432576
	Brain_Frontal_Cortex_BA9	0.871392989	Brain_Caudate_basal_ganglia		
	1.717151178	0.282228425	0.282228425	-1.336357117	0.404352058
	-0.36463147	0.887888159	3 0	0.972491774	
HECW1	ENSG00000002746.14	0.128740986	1	1	0.128740986
	Brain_Nucleus_accumbens_basal_ganglia	0.128740986			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.519085461
	-1.519085461	-1.519085461	NA 1	0	0.972491774
NAGLU	ENSG00000108784.9	0.128774045	2	2	0.058125675
	Brain_Caudate_basal_ganglia	0.790422646	Brain_Cortex	1.472266534	
	0.527733466	0.527733466	-1.894748908	-0.265761825	-1.080255366
	1.151867813	2 0	0.972491774		
FKTN	ENSG00000106692.13	0.128780277	3	3	0.129269482 Brain_Cortex
	0.624827767	Brain_Nucleus_accumbens_basal_ganglia	1.921169294		
	0.360978612	0.360978612	-0.489019676	1.516988917	0.752373122
	1.084668083	3 0	0.972491774		
MDGA1	ENSG00000112139.14	0.128832922	3	3	0.080343992
	Brain_Putamen_basal_ganglia	0.618316218	Brain_Cortex	1.100879579	
	0.904212079	0.904212079	-1.74869363	1.550641831	0.100062107
	1.685322439	3 0	0.972491774		
MAGI3	ENSG00000081026.18	0.128953201	3	3	0.096287233 Brain_Cerebellum
	0.992266965	Brain_Spinal_cord_cervical_c-1	2.203656192	0.077910262	0.077910262
	0.077910262	-1.663125917	-0.009692074	-0.851697172	0.827140891
	3 0	0.972491774			
BICD2	ENSG00000185963.13	0.129030567	7	1	0.081102766
	Brain_Hypothalamus	0.371499034	Brain_Spinal_cord_cervical_c-1		
	6.659266581	0.000513214	6.659266581	-1.744323097	-0.893668966
	-1.475697838	0.300687137	1 0	0.972491774	
GPR19	ENSG00000183150.7	0.129033838	1	1	0.129033838
	Brain_Caudate_basal_ganglia	0.129033838	Brain_Caudate_basal_ganglia	1	1
	1	1.517922893	1.517922893	1.517922893	NA 1 0
	0.972491774				

BRWD1	ENSG00000185658.13	0.129036773	1	1	0.129036773			
	Brain_Caudate_basal_ganglia	0.129036773			Brain_Caudate_basal_ganglia	1	1	
	1	1.517911253	1.517911253	1.517911253	NA	1	0	
	0.972491774							
C7orf34	ENSG00000165131.6	0.129071445	1	1	0.129071445			
	Brain_Caudate_basal_ganglia	0.129071445			Brain_Caudate_basal_ganglia	1	1	
	1	1.517773747	1.517773747	1.517773747	NA	1	0	
	0.972491774							
C3orf35	ENSG00000198590.11	0.129326981	1	1	0.129326981			
	Brain_Frontal_Cortex_BA9	0.129326981			Brain_Frontal_Cortex_BA9	1	1	
	1	1.516761219	1.516761219	1.516761219	NA	1	0	
	0.972491774							
MEN1	ENSG00000133895.14	0.129524013	4	4	0.027530664			
	Brain_Frontal_Cortex_BA9	0.795539286			Brain_Cerebellar_Hemisphere			
	1.706383696	0.478021227	0.478021227	-2.203910149	1.1615417			
	-0.541840165	1.396293734	4	0	0.972491774			
TUBG2	ENSG00000037042.8	0.129706385	12	1	0.073447003	Brain_Cortex		
	0.310887646	Brain_Hypothalamus	10.76806292	0.001513652				
	10.76806292	-1.790042976	-1.013361241	-1.432691446	0.239297646			
	1	0	0.972491774					
KIF16B	ENSG00000089177.18	0.129728595	7	7	0.10285567			
	Brain_Nucleus_accumbens_basal_ganglia	0.951383023			Brain_Cerebellar_Hemisphere			
	3.347877139	0.218594541	0.218594541	-0.71952421	1.631164233			
	0.587570467	0.888614625	7	0	0.972491774			
SSC4D	ENSG00000146700.8	0.129732965	3	3	0.023730103			
	Brain_Frontal_Cortex_BA9	0.043386568			Brain_Caudate_basal_ganglia			
	2.519802055	0.147447179	0.147447179	2.019969334	2.261471062			
	2.160624928	0.125576136	3	0	0.972491774			
KIAA0391	ENSG00000100890.15	0.12984675	6	6	0.089553748	Brain_Cerebellum		
	0.95700969	Brain_Putamen_basal_ganglia	2.869406037	0.128414446				
	0.128414446	-0.749290356	1.697756398	0.50586787	0.924296415	6		
	0	0.972491774						
BMP2K	ENSG00000138756.17	0.130094075	3	3	0.042700447	Brain_Amygdala		
	0.561500735	Brain_Cerebellar_Hemisphere	1.08872068	0.879746374				
	0.879746374	-2.026628231	0.827623474	-0.593206203	1.427167518			
	3	0	0.972491774					
IMPDH2	ENSG00000178035.11	0.130112906	1	1	0.130112906			
	Brain_Cortex	0.130112906	Brain_Cortex	1	1	1	-1.513656805	
	-1.513656805	-1.513656805	NA	1	0	0.972491774		
UBTF	ENSG00000108312.14	0.130307971	1	1	0.130307971			
	Brain_Nucleus_accumbens_basal_ganglia	0.130307971						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.512888551			
	-1.512888551	-1.512888551	NA	1	0	0.972491774		
CISTR	ENSG00000260492.2	0.130361764	2	2	0.053150059			
	Brain_Hypothalamus	0.124735665	Brain_Cortex	1.54214523	0.45785477			
	0.45785477	1.535196106	1.933699713	1.73444791	0.281784603	2	0	
	0.972491774							
TUBB6	ENSG00000176014.12	0.130377654	5	5	0.095560684			
	Brain_Cerebellar_Hemisphere	0.741207361	Brain_Hippocampus	1.543850993				
	0.520038059	0.520038059	-1.201158445	1.666767302	0.39160432			
	1.165724765	5	0	0.972491774				
BEND7	ENSG00000165626.16	0.130378809	5	4	0.014165233			
	Brain_Cerebellar_Hemisphere	0.90031975	Brain_Nucleus_accumbens_basal_ganglia					
	2.68501381	0.085832662	0.204574147	-2.453045716	-0.125257433			
	-1.373054555	0.833859401	4	0	0.972491774			
ZNF398	ENSG00000197024.8	0.130529491	1	1	0.130529491			
	Brain_Cerebellar_Hemisphere	0.130529491	Brain_Cerebellar_Hemisphere	1	1			
	1	1.512017183	1.512017183	1.512017183	NA	1	0	
	0.972491774							
SPTBN1	ENSG00000115306.15	0.130560555	12	10	0.124776334			
	Brain_Anterior_cingulate_cortex_BA24	0.945173445	Brain_Cerebellar_Hemisphere					
	5.754189911	0.031333587	0.221671943	-1.535030508	0.977020383			

	-0.497174702	0.799777348	10	0	0.972491774				
C22orf23	ENSG00000128346.10	0.130587137	1	1	0.130587137				
	Brain_Anterior_cingulate_cortex_BA24	0.130587137							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.511790616				
	-1.511790616	-1.511790616	NA	1	0	0.972491774			
SDHB	ENSG00000117118.9	0.130603698	5	5	0.055385665				
	Brain_Anterior_cingulate_cortex_BA24	0.900640175				Brain_Cerebellar_Hemisphere			
	2.310076829	0.400438474	0.400438474		-1.915838426	0.124852688			
	-0.973015052	0.875677201	5	0	0.972491774				
RP4-798A10.7	ENSG00000261135.1	0.130682448	1	1	0.130682448				
	Brain_Spinal_cord_cervical_c-1	0.130682448				Brain_Spinal_cord_cervical_c-1			
	1	1	1	-1.511416185	-1.511416185	-1.511416185	NA	1	0
	0.972491774								
SEC11A	ENSG00000140612.13	0.130703201	1	1	0.130703201				
	Brain_Amygdala	0.130703201	Brain_Amygdala	1	1	1	-1.511334687		
	-1.511334687	-1.511334687	NA	1	0	0.972491774			
MISP3	ENSG00000141854.9	0.130712844	11	11	0.014038891				
	Brain_Substantia_nigra	0.944014923				Brain_Cerebellum2.381594541			
	0.319332544	0.319332544	-2.456266739		1.437243018	-0.520097588			
	1.141733086	11	0	0.972491774					
JAKMIP1	ENSG00000152969.17	0.13076622	2	2	0.043877635				
	Brain_Spinal_cord_cervical_c-1	0.895141329				Brain_Cortex	1.022657906		
	0.977342094	0.977342094	-2.015257888		-0.131801463	-1.073529675			
	1.33180481	2	0	0.972491774					
TMEM216	ENSG00000187049.9	0.130952918	12	4	0.009744314				
	Brain_Amygdala	0.641604165	Brain_Cerebellum	9.003974726	0.000662998				
	0.433566421	-2.584772943	0.465457082		-0.957528527	0.684151454			
	4	0	0.972491774						
CCL27	ENSG00000213927.3	0.13096273	2	2	0.219800539				
	Brain_Cerebellar_Hemisphere	0.453400309				Brain_Cerebellum1.510332739			
	0.489667261	0.489667261	-1.227058673		0.749758265	-0.238650204			
	1.397820662	2	0	0.972491774					
PNO1	ENSG00000115946.7	0.130986966	4	4	0.0122925	Brain_Hypothalamus			
	0.365426845	Brain_Cortex	2.588313143		0.164436182	0.164436182			
	-2.503634356	-0.905072754	-1.948621308		0.745654032	4	0		
	0.972491774								
SYNE3	ENSG00000176438.12	0.131086283	3	3	0.033991631	Brain_Cerebellum			
	0.240643742	Brain_Cortex	1.567481241		0.413667325	0.413667325			
	1.173379281	2.120170956	1.657519641		0.473761494	3	0		
	0.972491774								
RP11-700H6.4	ENSG00000262006.1	0.131115974	6	6	0.045410754				
	Brain_Caudate_basal_ganglia	0.978386226	Brain_Nucleus_accumbens_basal_ganglia						
	2.092328868	0.425802074	0.425802074		-2.000829619	0.445590242			
	-0.46535413	1.101242392	6	0	0.972491774				
UCN2	ENSG00000145040.3	0.131174335	1	1	0.131174335	Brain_Cerebellum			
	0.131174335	Brain_Cerebellum	1	1	1	-1.509487158	-1.509487158		
	-1.509487158	NA	1	0	0.972491774				
IPMK	ENSG00000151151.5	0.131177198	1	1	0.131177198				
	Brain_Hippocampus	0.131177198	Brain_Hippocampus	1	1	1			
	1.509475945	1.509475945	1.509475945	NA	1	0	0.972491774		
TTC25	ENSG00000204815.9	0.131250879	2	2	0.057866932				
	Brain_Hippocampus	0.579920413	Brain_Substantia_nigra			1.066443332			
	0.933556668	0.933556668	-1.896704632		0.553500975	-0.671601829			
	1.732557	2	0	0.972491774					
RP4-816N1.8	ENSG00000283297.1	0.131277716	2	2	0.088489967				
	Brain_Spinal_cord_cervical_c-1	0.317434851	Brain_Amygdala	1.044541485					
	0.955458515	0.955458515	-1.70341749		0.999743095	-0.351837198			
	1.91142318	2	0	0.972491774					
KPTN	ENSG00000118162.13	0.131303181	2	2	0.242573056	Brain_Cerebellum			
	0.919189522	Brain_Cerebellar_Hemisphere	1.842837302		0.157162698				
	0.157162698	-1.168579588	-0.101454692		-0.63501714	0.75457125	2		
	0	0.972491774							

SFN	ENSG00000175793.11	0.131460679	1	1	0.131460679			
	Brain_Putamen_basal_ganglia	0.131460679			Brain_Putamen_basal_ganglia	1	1	
	1	1.508366784	1.508366784	1.508366784	NA	1	0	
	0.972491774							
FOXD4L1	ENSG00000184492.6	0.131516496	11	1	0.079963951			
	Brain_Caudate_basal_ganglia	0.302813899			Brain_Hippocampus	10.42859816		
	0.000458548	10.42859816	1.030417847	1.750895274	1.466149889			
	0.215540279	1	0	0.972491774				
ZNF277	ENSG00000198839.9	0.131568471	2	2	0.054690287			
	Brain_Cerebellum	0.611248482			Brain_Frontal_Cortex_BA9	1.049486701		
	0.950513299	0.950513299	-0.508292139	1.921328656	0.706518258			
	1.718001339	2	0	0.972491774				
TMEM81	ENSG00000174529.7	0.131678952	8	4	0.006847224			
	Brain_Cortex	0.265570437			Brain_Caudate_basal_ganglia	6.154813741		
	0.010316975	0.393783011	1.113321357	2.704184596	2.161079999			
	0.50906621	4	0	0.972491774				
ABCB4	ENSG00000005471.15	0.131696859	7	7	0.056926115			
	Brain_Putamen_basal_ganglia	0.757076218			Brain_Caudate_basal_ganglia			
	2.791744594	0.163128981	0.163128981	-1.903877693	-0.309322498			
	-1.105029136	0.584143133	7	0	0.972491774			
RCHY1	ENSG00000163743.13	0.131706057	4	4	0.055202738			
	Brain_Hippocampus	0.856131489			Brain_Frontal_Cortex_BA9	3.131618174		
	0.121354861	0.121354861	-1.917277097	-0.181300786	-1.118656133			
	0.799494175	4	0	0.972491774				
DAND5	ENSG00000179284.5	0.131866043	1	1	0.131866043			
	Brain_Cerebellar_Hemisphere	0.131866043			Brain_Cerebellar_Hemisphere	1	1	
	1	-1.506783956	-1.506783956	-1.506783956	NA	1	0	
	0.972491774							
MYLK2	ENSG00000101306.10	0.131964359	8	7	0.064456797			
	Brain_Substantia_nigra	0.853488171			Brain_Spinal_cord_cervical_c-1			
	4.833896876	0.066445329	0.172387277	-1.542470885	1.849007033			
	0.097644104	0.981753981	7	0	0.972491774			
SH3GL2	ENSG00000107295.9	0.131997098	5	5	0.060877263			
	Brain_Frontal_Cortex_BA9	0.830975088			Brain_Cerebellar_Hemisphere	1.94399194		
	0.139315378	0.139315378	-1.578669204	1.874385842	-0.238878824			
	1.298728469	5	0	0.972491774				
LINC01800	ENSG00000234572.1	0.132017504	1	1	0.132017504			
	Brain_Hypothalamus	0.132017504			Brain_Hypothalamus	1	1	1
	1.506193515	1.506193515	1.506193515	NA	1	0	0.972491774	
SEMA6A-AS2	ENSG00000249167.1	0.132022508	1	1	0.132022508			
	Brain_Nucleus_accumbens_basal_ganglia	0.132022508						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.506174015			
	1.506174015	1.506174015	NA	1	0	0.972491774		
JADE2	ENSG00000043143.20	0.132166668	1	1	0.132166668			
	Brain_Cerebellar_Hemisphere	0.132166668			Brain_Cerebellar_Hemisphere	1	1	
	1	1.505612538	1.505612538	1.505612538	NA	1	0	
	0.972491774							
CXCL11	ENSG00000169248.12	0.132338859	1	1	0.132338859			
	Brain_Cerebellum	0.132338859			Brain_Cerebellum	1	1	1
	-1.504942506	-1.504942506	NA	1	0	0.972491774		-1.504942506
UNC5D	ENSG00000156687.10	0.13235331	2	2	0.139444575			
	Brain_Cortex	0.303201275			Brain_Frontal_Cortex_BA9	1.206401029	0.793598971	
	0.793598971	-1.47786254	1.029592632	-0.224134954	1.773038556			
	2	0	0.972491774					
FAM3C	ENSG00000196937.10	0.132402274	8	3	0.088921691			
	Brain_Caudate_basal_ganglia	0.704317184			Brain_Hippocampus	6.778062547		
	0.001612337	0.3765218	-0.379499219	1.701113425	0.888404027			
	0.583797233	3	0	0.972491774				
IL27RA	ENSG00000104998.3	0.13251489	1	1	0.13251489			
	Brain_Cortex	0.13251489	1	1	1	-1.50425823	-1.50425823	
	-1.50425823	NA	1	0	0.972491774			
AKTIP	ENSG00000166971.16	0.132711564	8	4	0.140302915			

	Brain_Hippocampus	0.886263081		Brain_Amygdala	5.345627143			
	0.003774816	0.187174714		-1.474663941	1.174368566		0.225205623	
	0.776227405	4	0	0.972491774				
RP11-665C16.6	ENSG00000258413.1	0.132723601		3	2	0.082291587		
	Brain_Hypothalamus	0.346116607		Brain_Frontal_Cortex_BA9	2.787486393			
	0.064599078	0.147914529		-1.737541775	-0.942148519		-1.400908576	
	0.411520152	2	0	0.972491774				
LOR	ENSG00000203782.5	0.132767597		1	1	0.132767597		
	Brain_Spinal_cord_cervical_c-1	0.132767597		Brain_Spinal_cord_cervical_c-1				
	1	1	1	1.503277121	1.503277121	1.503277121	NA	1 0
	0.972491774							
MYLK3	ENSG00000140795.12	0.132833598		1	1	0.132833598		
	Brain_Frontal_Cortex_BA9	0.132833598		Brain_Frontal_Cortex_BA9	1	1		
	1	1.503021119	1.503021119	1.503021119	NA	1	0	
	0.972491774							
AMT	ENSG00000145020.15	0.132865606		12	1	0.072170519		Brain_Cerebellum
	0.273502339	Brain_Putamen_basal_ganglia	11.41133464	0.00104653				
	11.41133464	-1.798040946	-1.095032635	-1.46464599	0.200327815			
	1	0	0.972491774					
GTF2A1L	ENSG00000242441.7	0.132999315		12	11	0.010808102		
	Brain_Cerebellar_Hemisphere	0.938871167		Brain_Anterior_cingulate_cortex_BA24				
	4.05875208	0.000239044	0.153631212	-1.590228125	2.548842771			
	0.009492103	1.093770887	11	0	0.972491774			
FMOD	ENSG00000122176.10	0.133017645		1	1	0.133017645		
	Brain_Frontal_Cortex_BA9	0.133017645		Brain_Frontal_Cortex_BA9	1	1		
	1	-1.50230776	-1.50230776	-1.50230776	NA	1	0	
	0.972491774							
DNAH17	ENSG00000187775.16	0.133109148		2	2	0.049953968		
	Brain_Spinal_cord_cervical_c-1	0.781939232						
	Brain_Nucleus_accumbens_basal_ganglia	1.080533145		0.919466855				
	0.919466855	-1.960357945	-0.276792771	-1.118575358	1.190460351			
	2	0	0.972491774					
SQSTM1	ENSG00000161011.19	0.133146609		4	4	0.031195369		
	Brain_Frontal_Cortex_BA9	0.946491677		Brain_Hippocampus	2.53299727			
	0.205448842	0.205448842	-2.154571654	0.721880494	-0.264089836			
	1.288983719	4	0	0.972491774				
Clorf162	ENSG00000143110.11	0.133204607		3	3	0.030596101		
	Brain_Cortex	0.907227988		Brain_Caudate_basal_ganglia	1.412284907			
	0.65445517	0.65445517	-2.162286482	0.667330098	-0.537164031			
	1.460951278	3	0	0.972491774				
SRGAP3	ENSG00000196220.15	0.133353713		2	2	0.102914718		
	Brain_Cortex	0.328501258		Brain_Caudate_basal_ganglia	1.113808002			
	0.886191998	0.886191998	-1.630884382	0.977137151	-0.326873616			
	1.844149711	2	0	0.972491774				
EVI5L	ENSG00000142459.8	0.133379076		3	2	0.056224069		Brain_Amygdala
	0.374498412	Brain_Cerebellum	2.149172826	0.043300651	0.807526522			
	0.888078713	1.909294829	1.415701569	0.511457818	2	0		
	0.972491774							
NUDCD2	ENSG00000170584.10	0.1334279		5	5	0.018174126		
	Brain_Frontal_Cortex_BA9	0.80510435	Brain_Putamen_basal_ganglia	2.768647278				
	0.353072581	0.353072581	-2.362051328	0.727101503	-0.67446265			
	1.118653735	5	0	0.972491774				
AC062028.1	ENSG00000145063.14	0.133438071		5	5	0.243848147		
	Brain_Nucleus_accumbens_basal_ganglia	0.984592326						
	Brain_Spinal_cord_cervical_c-1	2.14015267	0.416695317	0.416695317				
	-1.165422172	1.103387499	0.037593333	0.997933378	5	0		
	0.972491774							
ECI2	ENSG00000198721.12	0.133485094		11	2	0.032080248		
	Brain_Frontal_Cortex_BA9	0.098490219		Brain_Cerebellar_Hemisphere				
	9.881876065	0.000612426	0.459470784	-2.143409284	-1.652217508			
	-1.899695812	0.171420514	2	0	0.972491774			
PLA2G4B	ENSG00000243708.10	0.133564052		8	4	0.118131362		

	Brain_Nucleus_accumbens_basal_ganglia	0.906416176			Brain_Cerebellum			
	6.671247986	0.014250094	0.231575422	-1.562665206	0.171350586			
	-0.716317992	0.573878564	0	0.972491774				
NORAD	ENSG00000260032.1	0.133578767	2	2	0.10863812			
	Brain_Frontal_Cortex_BA9	0.257260088			Brain_Cortex	1.044257101		
	0.955742899	0.955742899	-1.132890862	1.604344578	0.235726858			
	1.935517741	2	0	0.972491774				
EPM2A	ENSG00000112425.14	0.133630562	2	2	0.04861333	Brain_Hypothalamus		
	0.820823298	Brain_Putamen_basal_ganglia	1.072149337	0.927850663				
	0.927850663	0.226486191	1.971967384	1.099226788	1.234241588			
	2	0	0.972491774					
BARD1	ENSG00000138376.10	0.133648622	10	6	0.075778077			
	Brain_Cerebellar_Hemisphere	0.939583639			Brain_Cortex	6.467045455		
	0.019491182	0.292974444	-1.168607719	1.775726077	0.12940029			
	0.914752916	6	0	0.972491774				
KLK7	ENSG00000169035.11	0.133690243	2	2	0.048693943			
	Brain_Putamen_basal_ganglia	0.878749187			Brain_Nucleus_accumbens_basal_ganglia			
	1.259756815	0.740243185	0.740243185	-1.971261763	-0.152555035			
	-1.061908399	1.286019861	2	0	0.972491774			
SNTA1	ENSG00000101400.5	0.133762782	1	1	0.133762782			
	Brain_Putamen_basal_ganglia	0.133762782			Brain_Putamen_basal_ganglia	1	1	
	1	1.499427431	1.499427431	1.499427431	NA	1	0	
	0.972491774							
LINC00869	ENSG00000277147.4	0.134367256	4	4	0.009122386			
	Brain_Frontal_Cortex_BA9	0.926661681			Brain_Cortex	1.397945062		
	0.618628182	0.618628182	-0.092045762	2.607433228	0.791022516			
	1.232557418	4	0	0.972491774				
PCCB	ENSG00000114054.13	0.134374196	10	3	0.038355153			
	Brain_Cerebellar_Hemisphere	0.478867157			Brain_Caudate_basal_ganglia			
	8.588551313	0.010216615	0.389372009	0.708125771	2.071038984			
	1.356422672	0.477320513	0	0.972491774				
RP11-109D9.4	ENSG00000261447.1	0.134427092	2	2	0.090583832			
	Brain_Nucleus_accumbens_basal_ganglia	0.226903278			Brain_Substantia_nigra			
	1.082665487	0.917334513	0.917334513	-1.208374412	1.692326006			
	0.241975797	2.051104936	2	0	0.972491774			
UCN	ENSG00000163794.6	0.134504309	1	1	0.134504309			
	Brain_Substantia_nigra	0.134504309			Brain_Substantia_nigra	1	1	
	1	1.49657335	1.49657335	1.49657335	NA	1	0	0.972491774
SEMA4D	ENSG00000187764.11	0.134594734	8	7	0.025044864			
	Brain_Frontal_Cortex_BA9	0.710990794			Brain_Amygdala	3.195442349		
	0.052516277	0.147426387	-2.240710029	0.858242484	-0.632968258			
	1.085050758	7	0	0.972491774				
ZNF69	ENSG00000198429.9	0.134625432	4	4	0.038993812			
	Brain_Putamen_basal_ganglia	0.390687518			Brain_Cerebellar_Hemisphere			
	1.442279878	0.585482001	0.585482001	-2.064252185	0.992551927			
	-0.913016706	1.367962904	4	0	0.972491774			
IGSF11	ENSG00000144847.12	0.134640747	4	4	0.027153901			
	Brain_Caudate_basal_ganglia	0.092100619			Brain_Anterior_cingulate_cortex_BA24			
	2.440523614	0.158205712	0.158205712	1.684419531	2.209298276			
	1.977927348	0.242854144	4	0	0.972491774			
AGBL1	ENSG00000273540.3	0.134911648	1	1	0.134911648	Brain_Cortex		
	0.134911648	Brain_Cortex	1	1	1	1.495010705	1.495010705	
	1.495010705	NA	1	0	0.972491774			
POFUT2	ENSG00000186866.16	0.134948306	1	1	0.134948306			
	Brain_Hypothalamus	0.134948306			Brain_Hypothalamus	1	1	1
	-1.494870259	-1.494870259	-1.494870259	NA	1	0	0.972491774	
HHIP	ENSG00000164161.9	0.134991283	2	2	0.057921733			
	Brain_Putamen_basal_ganglia	0.148931269			Brain_Cerebellum	1.461950207		
	0.538049793	0.538049793	1.443316732	1.896289813	1.669803272			
	0.320300338	2	0	0.972491774				
KLHL1	ENSG00000150361.11	0.135091312	8	7	0.195466077	Brain_Cerebellum		
	0.953749651	Brain_Cortex	4.247397822	0.107107209	0.18016724			

	-1.294577329	1.012607822	-0.114841214	0.871892199	7	0
	0.972491774					
PAXIP1-AS1	ENSG00000273344.1	0.135239815	11	8	0.037667051	
	Brain_Putamen_basal_ganglia	0.734288633			Brain_Frontal_Cortex_BA9	5.60729835
	0.003313776	0.238491013	-1.252401194	2.078459567	0.486115813	
	1.037111647	8	0	0.972491774		
BTBD9	ENSG00000183826.16	0.135328058	6	6	0.012687373	
	Brain_Hippocampus	0.889819114			Brain_Frontal_Cortex_BA9	2.255531435
	0.203857305	0.203857305	-2.492426089	0.530726671	-0.90075264	
	1.320961259	6	0	0.972491774		
SYNC	ENSG00000162520.14	0.135455603	2	2	0.061802621	
	Brain_Nucleus_accumbens_basal_ganglia	0.398284568			Brain_Amygdala	
	1.070901562	0.929098438	0.929098438	-1.86770916	-0.844688882	
	-1.356199021	0.723384576	2	0	0.972491774	
FAM19A3	ENSG00000184599.13	0.13554183	1	1	0.13554183	Brain_Cerebellum
	0.13554183	Brain_Cerebellum1	1	1	1.492600357	1.492600357
	1.492600357	NA	1	0	0.972491774	
CENPU	ENSG00000151725.11	0.135579181	7	5	0.042685488	
	Brain_Nucleus_accumbens_basal_ganglia	0.830380082				
	Brain_Anterior_cingulate_cortex_BA24	4.525936974			0.093613259	
	0.266107705	-2.02677442	0.763701805	-0.14562567	1.140454185	
	5	0	0.972491774			
LYPD3	ENSG00000124466.8	0.135609399	1	1	0.135609399	
	Brain_Hippocampus	0.135609399	Brain_Hippocampus	1	1	1
	1.49234243	1.49234243	1.49234243	NA	1	0
					0.972491774	
RP4-644L1.2	ENSG00000229771.2	0.135800649	2	2	0.355780218	
	Brain_Caudate_basal_ganglia	0.401974165			Brain_Nucleus_accumbens_basal_ganglia	
	1.611236835	0.388763165	0.388763165	-0.923435654	0.838100673	
	-0.04266749	1.245594283	2	0	0.972491774	
MPG	ENSG00000103152.11	0.135866257	1	1	0.135866257	
	Brain_Spinal_cord_cervical_c-1	0.135866257			Brain_Spinal_cord_cervical_c-1	
	1	1	1	-1.491362847	-1.491362847	-1.491362847
					NA	1
						0
					0.972491774	
GHITM	ENSG00000165678.20	0.135925323	1	1	0.135925323	Brain_Amygdala
	0.135925323	Brain_Amygdala	1	1	1	-1.491137786
	-1.491137786	NA	1	0	0.972491774	
IQCC	ENSG00000160051.11	0.135996259	1	1	0.135996259	Brain_Cortex
	0.135996259	Brain_Cortex	1	1	1	-1.490867603
	-1.490867603	NA	1	0	0.972491774	
ATP6V1E1	ENSG00000131100.12	0.136125102	3	3	0.115985567	
	Brain_Cortex	0.765891154	Brain_Cerebellum	1.331616628	0.689783387	
	0.689783387	-1.571849033	0.2977537	-0.942621966	1.074234869	3
	0	0.972491774				
E2F6	ENSG00000169016.16	0.136177477	2	2	0.085972028	
	Brain_Nucleus_accumbens_basal_ganglia	0.23110381				
	Brain_Anterior_cingulate_cortex_BA24	1.107096703			0.892903297	
	0.892903297	1.197520326	1.717039099	1.457279712	0.367355247	
	2	0	0.972491774			
C19orf47	ENSG00000160392.13	0.136214352	8	4	0.000262977	
	Brain_Amygdala	0.632401349	Brain_Nucleus_accumbens_basal_ganglia			
	4.695953524	0.035296455	0.449469735	0.478349671	3.649279111	
	1.738621409	0.936465705	4	0	0.972491774	
POLR1B	ENSG00000125630.15	0.136430336	13	1	0.078361761	
	Brain_Hypothalamus	0.333822567	Brain_Substantia_nigra		12.53051409	
	4.31E-05	12.53051409	0.966442979	1.760271635	1.4599862	
	0.263057338	1	0	0.972491774		
CHD4	ENSG00000111642.14	0.136482129	1	1	0.136482129	Brain_Cerebellum
	0.136482129	Brain_Cerebellum1	1	1	1	-1.489019898
	-1.489019898	NA	1	0	0.972491774	
RP11-245D16.4	ENSG00000278238.1	0.136507014	7	3	0.026913328	
	Brain_Hypothalamus	0.989322333	Brain_Spinal_cord_cervical_c-1		4.11326301	
	0.031557667	0.662265753	-2.212772592	0.244124404	-1.09376167	

	1.025094682	3	0	0.972491774					
AC093159.1	ENSG00000228541.1			0.136533299	2	2	0.046015376		
	Brain_Substantia_nigra			0.974007147			Brain_Cortex	1.034679331	
	0.965320669	0.965320669		-1.995252242			0.032582975	-0.981334634	
	1.433896033	2	0	0.972491774					
RP11-767I20.1	ENSG00000257259.1			0.136541784	1	1	0.136541784		
	Brain_Hippocampus			0.136541784			Brain_Hippocampus	1	1
	-1.48879339	-1.48879339		-1.48879339			NA	1	0
								0.972491774	
ATAD2B	ENSG00000119778.14			0.136698148	2	2	0.069123131		
	Brain_Cerebellum	0.263237792					Brain_Cerebellar_Hemisphere	1.852219217	
	0.147780783	0.147780783		-1.81761413			-1.118771128	-1.468192629	
	0.494156626	2	0	0.972491774					
MMP21	ENSG00000154485.4			0.13675507	1	1	0.13675507	Brain_Cerebellum	0.13675507
	Brain_Cerebellum	1	1	-1.487984164			-1.487984164	-1.487984164	
	NA	1	0	0.972491774					
TBC1D3B	ENSG00000274808.5			0.136757182	1	1	0.136757182		
	Brain_Cortex	0.136757182					Brain_Cortex	1	1
	-1.487976156	-1.487976156		NA	1	0	0.972491774		
								-1.487976156	
BTBD10	ENSG00000148925.10			0.136806528	3	3	0.036648988		
	Brain_Putamen_basal_ganglia	0.473183867					Brain_Cerebellar_Hemisphere		
	1.255982964	0.72963476	0.72963476	-0.968156338			2.089652934		
	0.612934976	1.531574267	3	0	0.972491774				
P4HA2	ENSG00000072682.18			0.136828292	4	3	0.100902412		
	Brain_Anterior_cingulate_cortex_BA24	0.948722307					Brain_Putamen_basal_ganglia		
	2.530053952	0.01154059	0.501753907	-1.640494397			-0.064311362		
	-1.154720128	0.732309215	3	0	0.972491774				
RBFADN	ENSG00000261126.7			0.136829393	13	1	0.098000971		
	Brain_Cortex	0.262641921					Brain_Anterior_cingulate_cortex_BA24	12.2250501	
	0.00186199	12.2250501	-1.654623117	-1.120168603			-1.441949728		
	0.180686267	1	0	0.972491774					
FHIT	ENSG00000189283.9			0.136832607	2	2	0.126441897		
	Brain_Frontal_Cortex_BA9	0.165595584					Brain_Cerebellar_Hemisphere	1.0707798	
	0.9292202	0.9292202	1.386495729	1.528284579			1.457390154		
	0.100259857	2	0	0.972491774					
8-Mar	ENSG00000165406.15			0.136899468	10	7	0.061413882	Brain_Cortex	
	0.832425021	Brain_Frontal_Cortex_BA9		4.250925497			0.028753743		
	0.170276848	-1.870503858	1.467066511	-0.001418305			0.93560062	7	
	0	0.972491774							
ITGB4	ENSG00000132470.13			0.136904897	4	4	0.030878584		
	Brain_Caudate_basal_ganglia	0.938096377					Brain_Nucleus_accumbens_basal_ganglia		
	3.178838906	0.128644383	0.128644383	-2.158633854			0.077662685		
	-1.199746569	0.939752771	4	0	0.972491774				
ULK1	ENSG00000177169.9			0.137133234	2	2	0.118256059	Brain_Cerebellum	
	0.294597991	Brain_Cerebellar_Hemisphere		1.116365948			0.883634052		
	0.883634052	-1.048088159	1.562135554	0.257023698			1.845706888		
	2	0	0.972491774						
MOK	ENSG00000080823.22			0.137247811	2	2	0.052175788	Brain_Cerebellum	
	0.694064519	Brain_Frontal_Cortex_BA9		1.028688398			0.971311602		
	0.971311602	-1.941680525	-0.393345226	-1.167512875			1.094838389		
	2	0	0.972491774						
CLIP4	ENSG00000115295.19			0.137297072	1	1	0.137297072		
	Brain_Spinal_cord_cervical_c-1	0.137297072					Brain_Spinal_cord_cervical_c-1		
	1	1	1	1.485932136			1.485932136	NA	1
	0.972491774								0
RP11-584P21.2	ENSG00000250075.5			0.137346784	6	5	0.138650571		
	Brain_Frontal_Cortex_BA9	0.877332176					Brain_Hypothalamus	3.243103683	
	0.067852723	0.219124261	-1.128057218	1.480834911			0.196909885		
	0.915091636	5	0	0.972491774					
NUP43	ENSG00000120253.13			0.137535563	2	1	0.09577862	Brain_Cerebellum	
	0.198175356	Brain_Cerebellar_Hemisphere		1.976337288			0.023662712		
	1.976337288	-1.665672712	-1.286767447	-1.47622008			0.267926482		
	1	0	0.972491774						

AMZ2	ENSG00000196704.11	0.137562209	4	4	0.028676905	
	Brain_Caudate_basal_ganglia	0.48531517	Brain_Cerebellum	2.831139471		
	0.097726265	0.097726265	0.697779391	2.187899754	1.527626073	
	0.633342681	4	0	0.972491774		
RNF32	ENSG00000105982.16	0.137575756	4	4	0.018216266	Brain_Cerebellum
	0.761874504	Brain_Hypothalamus	1.22665319	0.774777416	0.774777416	
	-1.128322949	2.361192628	0.279944352	1.505527449	4	0
	0.972491774					
MAN1C1	ENSG00000117643.14	0.137603491	2	2	0.095221743	
	Brain_Amygdala	0.215078013	Brain_Cerebellum	1.094041618	0.905958382	
	0.905958382	-1.668473626	1.239722607	-0.214375509	2.056405277	
	2	0	0.972491774			
GRIN1	ENSG00000176884.14	0.137662351	1	1	0.137662351	
	Brain_Cerebellar_Hemisphere	0.137662351	Brain_Cerebellar_Hemisphere	1	1	
	1	-1.484552706	-1.484552706	-1.484552706	NA	1
	0.972491774					0
PGPEP1L	ENSG00000183571.10	0.137674394	10	10	0.011279916	
	Brain_Amygdala	0.797395179	Brain_Putamen_basal_ganglia	3.24544519		
	0.168773892	0.168773892	-1.853883277	2.533905473	0.07742878	
	1.27439857	10	0	0.972491774		
ADAM15	ENSG00000143537.13	0.137699272	9	9	0.232439873	
	Brain_Amygdala	0.952941244	Brain_Hippocampus	3.16891491	0.11506421	
	0.11506421	-1.194097394	1.140331964	-0.028940119	0.783593277	9
	0	0.972491774				
PTPN22	ENSG00000134242.15	0.137828994	2	2	0.046920192	
	Brain_Cerebellum	0.666209798	Brain_Cerebellar_Hemisphere	1.276778195		
	0.723221805	0.723221805	0.431355642	1.9870199	1.209187771	
	1.100020746	2	0	0.972491774		
PRSS35	ENSG00000146250.6	0.137899507	2	2	0.05450855	Brain_Cerebellum
	0.570306443	Brain_Hypothalamus	1.027366587	0.972633413		
	0.972633413	-0.567600242	1.922773113	0.677586436	1.760959887	
	2	0	0.972491774			
METTL21B	ENSG00000123427.16	0.137905388	13	2	0.032366276	
	Brain_Spinal_cord_cervical_c-1	0.969653878				
	Brain_Anterior_cingulate_cortex_BA24	11.95572878		0.000138939		
	0.685485577	0.038042398	2.13985761	1.54928121	0.48506145	2
	0.972491774					0
TAF4B	ENSG00000141384.12	0.13796677	2	2	0.076534776	
	Brain_Frontal_Cortex_BA9	0.572402524	Brain_Putamen_basal_ganglia			
	1.185082846	0.814917154	0.814917154	-1.771155928	0.564516721	
	-0.603319604	1.651569969	2	0	0.972491774	
DUS2	ENSG00000167264.17	0.138067518	8	5	0.00793084	
	Brain_Frontal_Cortex_BA9	0.747007955	Brain_Cerebellum	5.400789844		
	0.012888156	0.216863889	-2.655000028	-0.322587112	-1.262332775	
	0.73073225	5	0	0.972491774		
RBM4B	ENSG00000173914.11	0.138117698	1	1	0.138117698	Brain_Cerebellum
	0.138117698	Brain_Cerebellum	1	1	-1.482837095	-1.482837095
	-1.482837095	NA	1	0	0.972491774	
TBC1D22A	ENSG00000054611.13	0.138173719	6	5	0.048274522	
	Brain_Cerebellar_Hemisphere	0.691653778	Brain_Putamen_basal_ganglia			
	3.295802389	5.69E-17	0.264574661	-1.974943837	-0.396611762	
	-1.113525175	0.742862289	5	0	0.972491774	
GMCL1	ENSG00000087338.4	0.138228984	9	6	0.021036529	Brain_Amygdala
	0.999594185	Brain_Caudate_basal_ganglia	4.74888606	0.023491973	0.4042315	
	-2.307328225	1.381913041	-0.086295421	1.088372293	6	0
	0.972491774					
WDR66	ENSG00000158023.9	0.138278608	6	6	0.016771654	Brain_Cerebellum
	0.990942688	Brain_Hippocampus	2.409868209	0.161497489		
	0.161497489	-0.643051401	2.391675702	0.926017931	1.084795263	
	6	0	0.972491774			
CCL2	ENSG00000108691.9	0.138341664	1	1	0.138341664	
	Brain_Substantia_nigra	0.138341664	Brain_Substantia_nigra	1	1	

	1	1.481994853	1.481994853	1.481994853	NA	1	0
		0.972491774					
RAD52	ENSG00000002016.17	0.138362897	10	5	0.304796715		
	Brain_Nucleus_accumbens_basal_ganglia	0.677148816			Brain_Putamen_basal_ganglia		
	7.20624735	0.042891731	0.301730903	-0.983632178	1.026201287		
	-0.066545477	0.74417604	5	0	0.972491774		
NRDE2	ENSG00000119720.17	0.138381012	1	1	0.138381012		
	Brain_Hypothalamus	0.138381012			Brain_Hypothalamus	1	1
	1.481846993	1.481846993	1.481846993	NA	1	0	0.972491774
DOHH	ENSG00000129932.7	0.138474049	5	5	0.056050115		Brain_Cortex
	0.944843708	Brain_Frontal_Cortex_BA9	3.300200842	0.15317676	0.15317676		
	-0.06918331	1.910645794	0.623857872	0.772865546	5	0	
	0.972491774						
C11orf1	ENSG00000137720.7	0.138546488	5	4	0.095206295		
	Brain_Cortex	0.63205827	Brain_Caudate_basal_ganglia	3.788026766			
	0.000925141	0.151632209	-0.478831832	1.668551512	0.887012804		
	0.816206869	4	0	0.972491774			
KCNG2	ENSG00000178342.4	0.138596486	1	1	0.138596486		Brain_Cerebellum
	0.138596486	Brain_Cerebellum1	1	1	-1.481037855		-1.481037855
	-1.481037855	NA	1	0	0.972491774		
ATF2	ENSG00000115966.16	0.138684484	2	2	0.07073726		Brain_Hypothalamus
	0.645343432	Brain_Frontal_Cortex_BA9	1.194638445	0.805361555			
	0.805361555	-0.460240739	1.807160486	0.673459873	1.603294782		
	2	0	0.972491774				
BMPR1B	ENSG00000138696.10	0.138891802	2	2	0.173213071		
	Brain_Caudate_basal_ganglia	0.654840242			Brain_Spinal_cord_cervical_c-1		
	1.555250449	0.444749551	0.444749551	-1.361951883	0.447048223		
	-0.45745183	1.279156242	2	0	0.972491774		
HMGN1	ENSG00000205581.10	0.138990075	6	6	0.126437639		
	Brain_Nucleus_accumbens_basal_ganglia	0.860390131					
	Brain_Anterior_cingulate_cortex_BA24	3.591458129	0.182438374				
	0.182438374	-1.164600945	1.528301738	-0.234606367	0.998089943		
	6	0	0.972491774				
CD200	ENSG00000091972.18	0.13902005	2	2	0.12611551		
	Brain_Anterior_cingulate_cortex_BA24	0.242799896			Brain_Cerebellar_Hemisphere		
	1.063382302	0.936617698	0.936617698	-1.529601048	1.16801703		
	-0.180792009	1.907504036	2	0	0.972491774		
JMJD4	ENSG00000081692.12	0.139038288	1	1	0.139038288		
	Brain_Anterior_cingulate_cortex_BA24	0.139038288					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.479381849		
	1.479381849	1.479381849	NA	1	0	0.972491774	
EFS	ENSG00000100842.12	0.139104215	1	1	0.139104215		
	Brain_Nucleus_accumbens_basal_ganglia	0.139104215					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.479135083		
	1.479135083	1.479135083	NA	1	0	0.972491774	
RP11-70F11.11	ENSG00000258135.5	0.139180408	1	1	0.139180408		
	Brain_Cerebellum	0.139180408	Brain_Cerebellum1	1	1	1.478850004	
	1.478850004	1.478850004	NA	1	0	0.972491774	
CCDC177	ENSG00000267909.2	0.139192784	1	1	0.139192784		
	Brain_Frontal_Cortex_BA9	0.139192784	Brain_Frontal_Cortex_BA9	1	1		
	1	1.478803709	1.478803709	1.478803709	NA	1	0
	0.972491774						
CTD-2228A4.1	ENSG00000271892.1	0.139321106	12	2	0.039252328		
	Brain_Cerebellar_Hemisphere	0.885111132			Brain_Nucleus_accumbens_basal_ganglia		
	10.52800788	0.00049185	0.817054109	-2.061531853	-0.144493065		
	-0.626422072	0.525660218	2	0	0.972491774		
NRAP	ENSG00000197893.13	0.139321763	3	3	0.043992749		
	Brain_Caudate_basal_ganglia	0.926608084			Brain_Cortex	1.135918371	
	0.861405076	0.861405076	-1.190061855	2.014159897	0.24399494		
	1.628338349	3	0	0.972491774			
RAB40C	ENSG00000197562.9	0.139370065	5	3	0.024144085		
	Brain_Anterior_cingulate_cortex_BA24	0.308440366			Brain_Caudate_basal_ganglia		

	3.982924092	0.033410375	0.336559455	-2.254828677	-1.018500073		
	-1.619695564	0.509690087	3	0	0.972491774		
WWTR1	ENSG00000018408.14	0.139372568	1	1	0.139372568		
	Brain_Putamen_basal_ganglia	0.139372568			Brain_Putamen_basal_ganglia	1	1
	1	-1.47813156	-1.47813156	-1.47813156	NA	1	0
	0.972491774						
HDGF	ENSG00000143321.18	0.139389847	1	1	0.139389847		
	Brain_Hippocampus	0.139389847			Brain_Hippocampus	1	1
	1.478066997	1.478066997	1.478066997	NA	1	0	0.972491774
SMIM5	ENSG00000204323.5	0.139397607	1	1	0.139397607		
	Brain_Cerebellar_Hemisphere	0.139397607			Brain_Cerebellar_Hemisphere	1	1
	1	1.478038003	1.478038003	1.478038003	NA	1	0
	0.972491774						
ZNF285	ENSG00000267508.5	0.139533161	4	3	0.263253413		
	Brain_Cerebellum	0.934956568			Brain_Cortex	3.23459286	0.0960722
	0.187275995	-1.118734522	0.081610353	-0.731889823	0.563920234		
	3	0	0.972491774				
PDS5B	ENSG00000083642.18	0.139702807	2	2	0.050179982		Brain_Cerebellum
	0.899353495	Brain_Cortex	1.096962553	0.903037447	0.903037447		
	-1.958426553	0.126478086	-0.915974233	1.474250208	2	0	
	0.972491774						
RP11-58C22.2	ENSG00000273659.1	0.139800804	1	1	0.139800804		
	Brain_Cerebellar_Hemisphere	0.139800804			Brain_Cerebellar_Hemisphere	1	1
	1	-1.476533221	-1.476533221	-1.476533221	NA	1	0
	0.972491774						
TMEM189	ENSG00000240849.10	0.139980915	1	1	0.139980915		
	Brain_Putamen_basal_ganglia	0.139980915			Brain_Putamen_basal_ganglia	1	1
	1	1.475862101	1.475862101	1.475862101	NA	1	0
	0.972491774						
RP11-182L21.6	ENSG00000272447.1	0.139981014	4	4	0.129960265		
	Brain_Amygdala	0.786629274			Brain_Frontal_Cortex_BA9	2.036194283	
	0.287532099	0.287532099	-1.077267289	1.514258596	-0.010661249		
	1.167517653	4	0	0.972491774			
CATSPER2	ENSG00000166762.16	0.140037186	2	2	0.124338816		
	Brain_Putamen_basal_ganglia	0.331215602			Brain_Cerebellum	1.930629199	
	0.069370801	0.069370801	0.971668281	1.536814195	1.254241238		
	0.399618509	2	0	0.972491774			
IZUMO1	ENSG00000182264.8	0.140153697	4	4	0.016119101		
	Brain_Cerebellar_Hemisphere	0.938404766			Brain_Hippocampus	1.297149188	
	0.653385667	0.653385667	-0.653508835	2.406207623	0.669368966		
	1.310078985	4	0	0.972491774			
AHSA1	ENSG00000100591.7	0.140175548	3	1	0.13972601		
	Brain_Caudate_basal_ganglia	0.146910098			Brain_Cortex	2.969716506	
	1.62E-05	2.969716506	1.450532447	1.47681211	1.467644144		
	0.014831801	1	0	0.972491774			
TECPR1	ENSG00000205356.9	0.140180212	3	3	0.089872934		
	Brain_Cortex	0.222962944			Brain_Nucleus_accumbens_basal_ganglia		
	1.125688872	0.861136654	0.861136654	-1.696068365	1.273851949		
	-0.546967867	1.594839114	3	0	0.972491774		
HCN2	ENSG00000099822.2	0.140249062	1	1	0.140249062		
	Brain_Cerebellar_Hemisphere	0.140249062			Brain_Cerebellar_Hemisphere	1	1
	1	1.474864182	1.474864182	1.474864182	NA	1	0
	0.972491774						
RRM2B	ENSG00000048392.11	0.140306818	3	3	0.020966739		
	Brain_Cerebellar_Hemisphere	0.854237899			Brain_Spinal_cord_cervical_c-1		
	1.230268392	0.757558917	0.757558917	-2.30858287	0.313682016		
	-0.603728983	1.477876182	3	0	0.972491774		
DLL1	ENSG00000198719.8	0.140393738	2	2	0.196514956		
	Brain_Caudate_basal_ganglia	0.623962075			Brain_Cerebellum	1.573580893	
	0.426419107	0.426419107	-0.490242833	1.291544439	0.400650803		
	1.259913863	2	0	0.972491774			
TIMP4	ENSG00000157150.4	0.140457985	8	6	0.159054834		

	Brain_Frontal_Cortex_BA9	0.987834764			Brain_Anterior_cingulate_cortex_BA24	
	5.152885602	0.076393505	0.212659989		-0.816842347	1.408257505
	0.437400137	0.780086501	6	0	0.972491774	
TADA1	ENSG00000152382.5	0.140479052	4	4	0.032363152	
	Brain_Caudate_basal_ganglia	0.38186723			Brain_Cerebellum	1.447281187
	0.67743567	-1.200462894	2.139896258		0.735612102	1.401675515
	0	0.972491774				4
SETD3	ENSG00000183576.12	0.140484618	1	1	0.140484618	Brain_Cerebellum
	0.140484618	Brain_Cerebellum	1	1	1.473988758	1.473988758
	1.473988758	NA	1	0	0.972491774	
IGSF6	ENSG00000140749.8	0.140541633	2	2	0.114269095	Brain_Cortex
	0.320351437	Brain_Caudate_basal_ganglia	1.122361885		0.877638115	
	0.877638115	0.993735948	1.579292006		1.286513977	0.414050659
	2	0	0.972491774			
MYT1	ENSG00000196132.11	0.140558956	1	1	0.140558956	
	Brain_Nucleus_accumbens_basal_ganglia	0.140558956				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.473712723	
	1.473712723	1.473712723	NA	1	0	0.972491774
TIGD6	ENSG00000164296.6	0.140629628	8	5	0.025769272	
	Brain_Putamen_basal_ganglia	0.936534999			Brain_Nucleus_accumbens_basal_ganglia	
	5.552280076	0.004397677	0.306994332		-0.105960235	2.229671312
	0.762016752	0.79011251	5	0	0.972491774	
DCP1A	ENSG00000272886.5	0.140692075	1	1	0.140692075	
	Brain_Hippocampus	0.140692075			Brain_Hippocampus	1
	1.473218697	1.473218697	1.473218697	NA	1	0
					0.972491774	
RP11-119J18.1	ENSG00000250378.2	0.140755153	4	4	0.08078428	
	Brain_Cortex	0.538484555			Brain_Nucleus_accumbens_basal_ganglia	
	2.311043983	0.313984869	0.313984869		-0.979516467	1.746153511
	0.210531869	1.249865245	4	0	0.972491774	
SH3BP1	ENSG00000100092.20	0.140792173	3	3	0.025430238	
	Brain_Cerebellar_Hemisphere	0.853150359			Brain_Nucleus_accumbens_basal_ganglia	
	1.751232708	0.257861579	0.257861579		-0.18510031	2.234803718
	1.098897788	1.216730185	3	0	0.972491774	
CCDC181	ENSG00000117477.12	0.140895255	7	3	0.029739276	
	Brain_Nucleus_accumbens_basal_ganglia	0.576717009			Brain_Caudate_basal_ganglia	
	5.963417248	0.005409802	0.411986139		-2.173545629	-0.558186543
	-0.915706882	0.56205894	3	0	0.972491774	
RNF139	ENSG00000170881.4	0.140999376	2	2	0.048614846	
	Brain_Cerebellar_Hemisphere	0.979840435			Brain_Hypothalamus	1.09933067
	0.90066933	0.90066933	-1.971954101		-0.025268957	-0.998611529
	1.376514266	2	0	0.972491774		
TUBA1B	ENSG00000123416.15	0.141009037	5	5	0.013559758	
	Brain_Anterior_cingulate_cortex_BA24	0.819467421			Brain_Hypothalamus	
	2.573270566	0.16503489	0.16503489		-0.228230025	2.468719197
	1.445916768	1.037172304	5	0	0.972491774	
LINC02076	ENSG00000220161.4	0.141290492	2	2	0.197916476	
	Brain_Caudate_basal_ganglia	0.569312752			Brain_Putamen_basal_ganglia	
	1.914360942	0.085639058	0.085639058		0.569063935	1.287510318
	0.928287126	0.508018309	2	0	0.972491774	
SRRM5	ENSG00000226763.4	0.141298055	4	4	0.013094115	
	Brain_Nucleus_accumbens_basal_ganglia	0.888975658			Brain_Cortex	
	2.076985808	0.249844367	0.249844367		-0.148637437	2.481199279
	0.642888963	1.250072019	4	0	0.972491774	
LANCL1	ENSG00000115365.11	0.14132077	4	4	0.286637653	
	Brain_Anterior_cingulate_cortex_BA24	0.792426644			Brain_Cerebellar_Hemisphere	
	2.45433169	0.110866098	0.110866098		-0.886942009	1.065526692
	0.209838769	0.9431837	4	0	0.972491774	
AUNIP	ENSG00000127423.10	0.141558588	2	2	0.052592415	
	Brain_Frontal_Cortex_BA9	0.946512261			Brain_Substantia_nigra	
	1.164610598	0.835389402	0.835389402		0.067087229	1.93825258
	1.002669904	1.323113708	2	0	0.972491774	
MSANTD4	ENSG00000170903.10	0.14179147	2	2	0.175976585	Brain_Cortex

	0.335908311	Brain_Nucleus_accumbens_basal_ganglia	1.303345147					
	0.696654853	0.696654853	-1.353247469	0.962281317	-0.195483076			
	1.637326107	2	0	0.972491774				
ATPAF2	ENSG00000171953.15	0.141850216	2	2	0.054517086			
	Brain_Cerebellum	0.119573886	Brain_Substantia_nigra	1.623620997				
	0.376379003	0.376379003	1.556564634	1.922705177	1.739634905			
	0.258900461	2	0	0.972491774				
CDK14	ENSG00000058091.16	0.141931326	4	4	0.025219323			
	Brain_Caudate_basal_ganglia	0.561925877	Brain_Cerebellum	2.075440597				
	0.104047372	0.104047372	0.579983304	2.238026555	1.12430632			
	0.756211994	4	0	0.972491774				
CD47	ENSG00000196776.14	0.142000304	2	2	0.161039586			
	Brain_Frontal_Cortex_BA9	0.162520842	Brain_Cerebellum	1.002868344				
	0.997131656	0.997131656	-1.401583739	1.396643368	-0.002470186			
	1.978645363	2	0	0.972491774				
HERC1	ENSG00000103657.13	0.142011145	1	1	0.142011145			
	Brain_Caudate_basal_ganglia	0.142011145	Brain_Caudate_basal_ganglia	1	1			
	1	-1.468342748	-1.468342748	-1.468342748	NA	1	0	
	0.972491774							
ATP6V0A4	ENSG00000105929.15	0.142090784	1	1	0.142090784			
	Brain_Hippocampus	0.142090784	Brain_Hippocampus	1	1	1		
	-1.468049476	-1.468049476	-1.468049476	NA	1	0	0.972491774	
C1QC	ENSG00000159189.11	0.142252905	1	1	0.142252905			
	Brain_Anterior_cingulate_cortex_BA24	0.142252905						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.467452854			
	1.467452854	1.467452854	NA	1	0	0.972491774		
PANK1	ENSG00000152782.16	0.142283378	1	1	0.142283378			
	Brain_Putamen_basal_ganglia	0.142283378	Brain_Putamen_basal_ganglia	1	1			
	1	1.46734077	1.46734077	1.46734077	NA	1	0	0.972491774
MC4R	ENSG00000166603.4	0.142287883	2	1	0.125759472	Brain_Cerebellum		
	0.174626274	Brain_Cerebellar_Hemisphere	1.937630594	0.062369406				
	1.937630594	-1.531040143	-1.357487779	-1.444263961	0.122720054			
	1	0	0.972491774					
NUDT7	ENSG00000140876.11	0.142383903	9	7	0.022277809	Brain_Cortex		
	0.999698804	Brain_Spinal_cord_cervical_c-1	4.722269498	0.063398745				
	0.308245865	0.000377493	2.285597633	0.933967066	0.83539652	7		
	0	0.972491774						
PEPD	ENSG00000124299.13	0.142469473	13	3	0.023931483			
	Brain_Putamen_basal_ganglia	0.44882581	Brain_Cerebellar_Hemisphere	10.44457408				
	8.40E-07	0.557383545	-2.258227439	-0.75737403	-1.64112907			
	0.44168	3	0	0.972491774				
EMP2	ENSG00000213853.9	0.142493661	6	6	0.089329828			
	Brain_Substantia_nigra	0.751298104	Brain_Cerebellum	2.961035645				
	0.205843966	0.205843966	-1.698943509	0.748818611	-0.40952103			
	0.977572204	6	0	0.972491774				
GDPGP1	ENSG00000183208.12	0.142511362	5	5	0.059913675			
	Brain_Putamen_basal_ganglia	0.722041051	Brain_Cortex	2.788509605				
	0.214124699	0.214124699	-1.092832059	1.881428337	0.079045591			
	1.15533135	5	0	0.972491774				
RP11-569D9.5	ENSG00000283361.1	0.142722537	8	4	0.229861199			
	Brain_Caudate_basal_ganglia	0.948830129	Brain_Cortex	5.768197697				
	0.052458794	0.235560684	-0.772033597	1.200716481	0.421279112			
	0.618461019	4	0	0.972491774				
POU3F3	ENSG00000198914.3	0.142769839	2	2	0.048568185			
	Brain_Cerebellar_Hemisphere	0.068690278	Brain_Cerebellum	1.93270237	0.06729763			
	0.06729763	1.820451486	1.972362977	1.896407232	0.107417646	2		
	0	0.972491774						
ZFAND2A	ENSG00000178381.11	0.142770927	3	3	0.074049935			
	Brain_Cerebellar_Hemisphere	0.628161991	Brain_Hypothalamus	1.347820528				
	0.657335948	0.657335948	-0.724808763	1.786304705	0.192393487			
	1.385595173	3	0	0.972491774				
TNNI3K	ENSG00000116783.14	0.142851388	13	2	0.017846836			

	Brain_Spinal_cord_cervical_c-1	0.148024345			Brain_Cerebellar_Hemisphere			
	10.61170571	0.019363045	1.199893224		1.446545196		2.368780614	
	1.783108314	0.270885401	2	0	0.972491774			
PMAIP1	ENSG00000141682.11	0.143025858	1	1	0.143025858			
	Brain_Hippocampus	0.143025858	Brain_Hippocampus	1	1	1		
	1.464615472	1.464615472	1.464615472	NA	1	0	0.972491774	
LCNL1	ENSG00000214402.6	0.14306774	7	7	0.002203189			
	Brain_Spinal_cord_cervical_c-1	0.706496984			Brain_Hypothalamus		1.99941381	
	0.120616993	0.120616993	-3.061380465		0.694013178		-0.796389281	
	1.130399076	7	0	0.972491774				
RP11-770J1.4	ENSG00000255384.1	0.143108725	1	1	0.143108725			
	Brain_Hypothalamus	0.143108725	Brain_Hypothalamus	1	1	1		
	-1.464311981	-1.464311981	-1.464311981	NA	1	0	0.972491774	
LINC01600	ENSG00000164385.8	0.143123667	10	9	0.012699832			
	Brain_Anterior_cingulate_cortex_BA24	0.935296065						
	Brain_Nucleus_accumbens_basal_ganglia	4.38489316	0.069867172		0.198290956			
	-1.887652032	2.492077499	0.189400405	1.223556336	9	0		
	0.972491774							
SCN2B	ENSG00000149575.5	0.143201335	1	1	0.143201335			
	Brain_Spinal_cord_cervical_c-1	0.143201335			Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.463972966	1.463972966	1.463972966	NA	1
	0.972491774							
EEF1E1	ENSG00000124802.11	0.14323376	1	1	0.14323376			
	Brain_Spinal_cord_cervical_c-1	0.14323376	Brain_Spinal_cord_cervical_c-1	1				
	1	1	-1.463854307	-1.463854307	-1.463854307	NA	1	0
	0.972491774							
NOM1	ENSG00000146909.7	0.143254615	9	7	0.059889028			
	Brain_Hippocampus	0.955658601	Brain_Anterior_cingulate_cortex_BA24					
	5.370649879	0.010778554	0.194263456	-1.881609703	0.055602339			
	-1.075547114	0.573216053	7	0	0.972491774			
LLNLF-187D8.1	ENSG00000277531.2	0.143385133	11	4	0.014396652			
	Brain_Caudate_basal_ganglia	0.49874634	Brain_Substantia_nigra		8.962454686			
	0.00480081	0.356433696	0.676463615	2.447211029	1.70281941			
	0.653055498	4	0	0.972491774				
KDELR3	ENSG00000100196.10	0.143462426	2	2	0.056501252			
	Brain_Substantia_nigra	0.337185218	Brain_Hypothalamus		1.251449381			
	0.748550619	0.748550619	-1.907149338	-0.959741724	-1.433445531			
	0.669918349	2	0	0.972491774				
SSB	ENSG00000138385.15	0.143482376	1	1	0.143482376			
	Brain_Hypothalamus	0.143482376	Brain_Hypothalamus	1	1	1		
	1.462945195	1.462945195	1.462945195	NA	1	0	0.972491774	
MATN1	ENSG00000162510.5	0.143512453	1	1	0.143512453			
	Brain_Hypothalamus	0.143512453	Brain_Hypothalamus	1	1	1		
	-1.462835295	-1.462835295	-1.462835295	NA	1	0	0.972491774	
RP11-651P23.5	ENSG00000242791.2	0.143590398	1	1	0.143590398			
	Brain_Caudate_basal_ganglia	0.143590398	Brain_Caudate_basal_ganglia	1	1			
	1	-1.462550568	-1.462550568	-1.462550568	NA	1	0	
	0.972491774							
GNPTG	ENSG00000090581.9	0.143649635	2	2	0.049588117			
	Brain_Nucleus_accumbens_basal_ganglia	0.099102858	Brain_Putamen_basal_ganglia					
	1.790167202	0.209832798	0.209832798	-1.963499895	-1.649218603			
	-1.806359249	0.222230432	2	0	0.972491774			
MVD	ENSG00000167508.11	0.143672697	1	1	0.143672697			
	Brain_Frontal_Cortex_BA9	0.143672697	Brain_Frontal_Cortex_BA9	1	1			
	1	1.462250065	1.462250065	1.462250065	NA	1	0	
	0.972491774							
PLXND1	ENSG00000004399.12	0.143681082	1	1	0.143681082			
	Brain_Spinal_cord_cervical_c-1	0.143681082	Brain_Spinal_cord_cervical_c-1					
	1	1	1	-1.462219456	-1.462219456	-1.462219456	NA	1
	0.972491774							
DHX37	ENSG00000150990.7	0.143696378	1	1	0.143696378		Brain_Cerebellum	
	0.143696378	Brain_Cerebellum	1	1	1.46216362	1.46216362	1.46216362	

NA	1	0	0.972491774						
CD79B	ENSG00000007312.12	0.14375893	1	1	0.14375893	Brain_Cerebellar_Hemisphere			
	0.14375893	Brain_Cerebellar_Hemisphere	1	1	-1.461935338				
	-1.461935338	-1.461935338	NA	1	0	0.972491774			
C17orf102	ENSG00000197322.3	0.143764879	5	5	0.027227896				
	Brain_Frontal_Cortex_BA9	0.920911672			Brain_Hypothalamus	2.464666043			
	0.158470246	0.158470246	-2.208235002		0.885598527	-0.565073593			
	1.196148121	5	0	0.972491774					
PBOV1	ENSG00000254440.3	0.14383525	1	1	0.14383525	Brain_Cerebellar_Hemisphere			
	0.14383525	Brain_Cerebellar_Hemisphere	1	1	-1.461656913				
	-1.461656913	-1.461656913	NA	1	0	0.972491774			
DPP7	ENSG00000176978.13	0.143967928	7	7	0.021140437				
	Brain_Spinal_cord_cervical_c-1	0.989852193			Brain_Cortex	1.846692522			
	0.298167759	0.298167759	-2.305466921		1.487256527	-0.061069538			
	1.150866468	7	0	0.972491774					
RP11-5407.17	ENSG00000272512.1	0.144235948	12	4	0.041270584				
	Brain_Substantia_nigra	0.449660061			Brain_Hypothalamus	9.282693409			
	1.09E-16	0.414370695	0.755981878		2.040801275	1.392884494			
	0.374032618	4	0	0.972491774					
TCTE3	ENSG00000184786.5	0.144237188	2	2	0.08813909				
	Brain_Spinal_cord_cervical_c-1	0.537363857			Brain_Amygdala	1.202313279			
	0.797686721	0.797686721	0.616804237		1.705296769	1.161050503			
	0.76968045	2	0	0.972491774					
BRIP1	ENSG00000136492.8	0.144261659	6	3	0.090843542				
	Brain_Caudate_basal_ganglia	0.3366547			Brain_Frontal_Cortex_BA9	4.618632062			
	0.028530565	0.179995625	-1.690964712		1.513282369	-0.90773401			
	1.218523041	3	0	0.972491774					
VRK1	ENSG00000100749.7	0.144280104	4	2	0.150126604				
	Brain_Caudate_basal_ganglia	0.597149538			Brain_Frontal_Cortex_BA9				
	3.775547114	0.007186753	0.165838099		0.528504048	1.439084426			
	0.847809275	0.405314253	2	0	0.972491774				
FRS2	ENSG00000166225.8	0.144304135	1	1	0.144304135	Brain_Cerebellum			
	0.144304135	Brain_Cerebellum	1	1	-1.459948838	-1.459948838			
	-1.459948838	NA	1	0	0.972491774				
TMEM104	ENSG00000109066.13	0.144322724	1	1	0.144322724				
	Brain_Cerebellum	0.144322724	Brain_Cerebellum	1	1	1	-1.45988121		
	-1.45988121	-1.45988121	NA	1	0	0.972491774			
FZD8	ENSG00000177283.7	0.144382967	1	1	0.144382967				
	Brain_Frontal_Cortex_BA9	0.144382967			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.459662086	-1.459662086	-1.459662086	NA	1	0		
	0.972491774								
MAPK6	ENSG00000069956.11	0.144416564	2	2	0.139573689				
	Brain_Putamen_basal_ganglia	0.162723316			Brain_Substantia_nigra				
	1.067636698	0.932363302	0.932363302		-1.477380431	-1.395970708			
	-1.436675569	0.057565367	2	0	0.972491774				
KRT74	ENSG00000170484.9	0.144485519	1	1	0.144485519				
	Brain_Spinal_cord_cervical_c-1	0.144485519			Brain_Spinal_cord_cervical_c-1				
	1	1	1	1.459289226	1.459289226	1.459289226	NA	1	0
	0.972491774								
OR3A3	ENSG00000159961.1	0.144523414	1	1	0.144523414				
	Brain_Caudate_basal_ganglia	0.144523414			Brain_Caudate_basal_ganglia	1	1		
	1	1.459151501	1.459151501	1.459151501	NA	1	0		
	0.972491774								
PROC	ENSG00000115718.17	0.144818342	4	3	0.213007541				
	Brain_Putamen_basal_ganglia	0.767306317			Brain_Nucleus_accumbens_basal_ganglia				
	2.953361715	0.031946206	0.331685298		0.295900176	1.245337977			
	0.745247624	0.474474546	3	0	0.972491774				
FAIM	ENSG00000158234.12	0.144961465	9	5	0.019453946	Brain_Cortex			
	0.922850339	Brain_Amygdala	6.382813138		0.000272631	0.307481507			
	-2.3367162	0.096843927	-1.479352543		0.816982292	5	0		
	0.972491774								
ACTR8	ENSG00000113812.13	0.144988592	13	2	0.120975912				

	Brain_Cerebellar_Hemisphere	0.913510518		Brain_Cortex	11.28387354				
	0.003262932	0.515475656	-1.550690334	0.635022064	-0.570907132				
	0.570230961	2	0	0.972491774					
RP11-451G4.3	ENSG00000242790.1	0.145027947		1	1	0.145027947			
	Brain_Putamen_basal_ganglia	0.145027947		Brain_Putamen_basal_ganglia	1	1			
	1	1.457320439	1.457320439	1.457320439	NA	1	0		
	0.972491774								
DIRAS1	ENSG00000176490.4	0.145109566		1	1	0.145109566			
	Brain_Frontal_Cortex_BA9	0.145109566		Brain_Frontal_Cortex_BA9	1	1			
	1	-1.457024685	-1.457024685	-1.457024685	NA	1	0		
	0.972491774								
PARP14	ENSG00000173193.13	0.14518216	7	6	0.026566712				
	Brain_Hippocampus	0.546384847		Brain_Substantia_nigra	4.78583255				
	0.073377348	0.173983482	-2.217825807	-0.60318617	-1.512656654				
	0.617721716	6	0	0.972491774					
RERE	ENSG00000142599.17	0.145189495		6	3	0.073833462			
	Brain_Anterior_cingulate_cortex_BA24	0.715347801		Brain_Hippocampus					
	5.167431049	0.002927019	0.175271399	-1.787644	0.364683333				
	-1.162327983	0.766535138	3	0	0.972491774				
MIR3976HG	ENSG00000261738.6	0.145409505		2	1	0.099090001			
	Brain_Frontal_Cortex_BA9	0.217046618		Brain_Cortex	1.961481073				
	0.038518927	1.961481073	-1.649281389	-1.234419524	-1.441850456				
	0.293351638	1	0	0.972491774					
LAG3	ENSG00000089692.8	0.145509741		1	1	0.145509741			
	Brain_Spinal_cord_cervical_c-1	0.145509741		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-1.455576455	-1.455576455	-1.455576455	NA	1	0
	0.972491774								
RP11-474P2.6	ENSG00000275481.1	0.145721926		1	1	0.145721926			
	Brain_Anterior_cingulate_cortex_BA24	0.145721926							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.454809795				
	1.454809795	1.454809795	NA	1	0	0.972491774			
PITPNC1	ENSG00000154217.14	0.145814692		3	3	0.062057175			
	Brain_Hippocampus	0.42509021	Brain_Cerebellum	1.567208181	0.562527747				
	0.562527747	-0.797621431	1.865887014	0.803676323	1.411215949				
	3	0	0.972491774						
ADCY7	ENSG00000121281.12	0.145893592		1	1	0.145893592			
	Brain_Nucleus_accumbens_basal_ganglia	0.145893592							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.454190162				
	-1.454190162	-1.454190162	NA	1	0	0.972491774			
CCK	ENSG00000187094.11	0.145978275		1	1	0.145978275			
	Brain_Frontal_Cortex_BA9	0.145978275		Brain_Frontal_Cortex_BA9	1	1			
	1	1.453884702	1.453884702	1.453884702	NA	1	0		
	0.972491774								
NEK8	ENSG00000160602.13	0.146152981		1	1	0.146152981			
	Brain_Putamen_basal_ganglia	0.146152981		Brain_Putamen_basal_ganglia	1	1			
	1	1.453254949	1.453254949	1.453254949	NA	1	0		
	0.972491774								
LLGL1	ENSG00000131899.10	0.146201429		10	5	0.147788356			
	Brain_Spinal_cord_cervical_c-1	0.867512323		Brain_Cortex	6.716181354				
	0.012236027	0.274330703	-1.345645724	1.447387746	0.460988875				
	0.929189447	5	0	0.972491774					
CPEB2	ENSG00000137449.15	0.146302271		1	1	0.146302271			
	Brain_Amygdala	1	1	1	-1.452717268				
	-1.452717268	NA	1	0	0.972491774				
OGDHL	ENSG00000197444.9	0.146590891		2	2	0.051003107			
	Brain_Cerebellar_Hemisphere	0.537241323		Brain_Cerebellum	1.400237788				
	0.599762212	0.599762212	0.616989998	1.951453633	1.284221816				
	0.943608285	2	0	0.972491774					
RNPEP	ENSG00000176393.10	0.146635657		1	1	0.146635657			
	Brain_Anterior_cingulate_cortex_BA24	0.146635657							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.451518059				
	1.451518059	1.451518059	NA	1	0	0.972491774			

SLC2A6	ENSG00000160326.13	0.146746886	6	3	0.048435162				
	Brain_Cerebellar_Hemisphere	0.440169144				Brain_Frontal_Cortex_BA9			
	5.086209708	0.030525694	0.24941155	-1.973530423	-0.77190762				
	-1.391758473	0.406599202	3	0	0.972491774				
PRR33	ENSG00000283787.1	0.146819308	1	1	0.146819308				
	Brain_Cerebellar_Hemisphere	0.146819308				Brain_Cerebellar_Hemisphere1	1	1	
	1	1.45085835	1.45085835	1.45085835	NA	1	0	0.972491774	
CLP1	ENSG00000172409.5	0.146902889	2	2	0.090952991				
	Brain_Spinal_cord_cervical_c-1	0.233351026				Brain_Caudate_basal_ganglia			
	1.124372876	0.875627124	0.875627124	-1.690391967	-1.191771062				
	-1.441081515	0.352578224	2	0	0.972491774				
GLTSCR1	ENSG00000063169.10	0.146974788	1	1	0.146974788				
	Brain_Cerebellar_Hemisphere	0.146974788				Brain_Cerebellar_Hemisphere1	1	1	
	1	1.450300325	1.450300325	1.450300325	NA	1	0	0.972491774	
TXNL4A	ENSG00000141759.14	0.146977078	7	5	0.053207585				
	Brain_Cerebellum	0.693051168				Brain_Hypothalamus	5.031517883		
	0.047271449	0.236028752	-1.933232323	0.394717796	-1.003888787				
	0.785753289	5	0	0.972491774					
RAD51AP2	ENSG00000214842.5	0.147045294	2	2	0.057494956				
	Brain_Cerebellum	0.956536572				Brain_Cortex	1.215594619	0.784405381	
	0.784405381	-1.899529013	0.054500297	-0.922514358	1.381707375				
	2	0	0.972491774						
UTP11	ENSG00000183520.11	0.147085171	1	1	0.147085171				
	Brain_Spinal_cord_cervical_c-1	0.147085171				Brain_Spinal_cord_cervical_c-1			
	1	1	1	-1.449904431	-1.449904431	-1.449904431	NA	1	0
	0.972491774								
PGM2L1	ENSG00000165434.7	0.147262408	2	2	0.143235357				
	Brain_Anterior_cingulate_cortex_BA24	0.215127439				Brain_Frontal_Cortex_BA9			
	1.040088853	0.959911147	0.959911147	-1.463848466	-1.239589032				
	-1.351718749	0.158575366	2	0	0.972491774				
COLGALT2	ENSG00000198756.10	0.14736122	11	3	0.018510177				Brain_Amygdala
	0.849118906	Brain_Cerebellum	8.47187738	0.00113449	0.429544295				
	-2.35525142	1.025738398	-1.538028783	1.059382537	3	0			
	0.972491774								
ZNF66	ENSG00000160229.11	0.147403795	2	2	0.106461416				
	Brain_Cerebellar_Hemisphere	0.340526706				Brain_Cortex	1.091792215		
	0.908207785	0.908207785	0.953125069	1.6143044	1.283714734				
	0.467524389	2	0	0.972491774					
RP11-326G21.1	ENSG00000272755.1	0.147609499	5	5	0.01835282				
	Brain_Anterior_cingulate_cortex_BA24	0.797017267				Brain_Cerebellum			
	2.161259522	0.123741462	0.123741462	-2.015207957	2.358421916				
	0.199292797	1.920371089	5	0	0.972491774				
ZNF534	ENSG00000198633.10	0.147619028	13	4	0.027994449				
	Brain_Cerebellar_Hemisphere	0.893327789				Brain_Cortex	9.464344845		
	0.013600565	0.662446165	-1.251790061	2.197364151	1.00635628				
	1.006136955	4	0	0.972491774					
CDC42	ENSG00000070831.15	0.147771347	2	2	0.103802739				
	Brain_Frontal_Cortex_BA9	0.15647293				Brain_Caudate_basal_ganglia	1.22026916		
	0.77973084	0.77973084	1.417034195	1.626691008	1.521862602				
	0.148249755	2	0	0.972491774					
RP11-16D22.2	ENSG00000271850.1	0.147792631	2	2	0.110162893				
	Brain_Spinal_cord_cervical_c-1	0.249011951				Brain_Substantia_nigra			
	1.015686352	0.984313648	0.984313648	-1.152752585	1.597461412				
	0.222354414	1.944694967	2	0	0.972491774				
RP4-761J14.10	ENSG00000269892.1	0.147830444	1	1	0.147830444				
	Brain_Putamen_basal_ganglia	0.147830444				Brain_Putamen_basal_ganglia1	1	1	
	1	1.447237403	1.447237403	1.447237403	NA	1	0	0.972491774	
	0.972491774								
LEPROT	ENSG00000213625.8	0.147863577	9	2	0.037784128				
	Brain_Anterior_cingulate_cortex_BA24	0.24464803				Brain_Substantia_nigra			
	7.911184937	0.01175345	0.5230723	-2.077188905	-1.163447395				

	-1.793411288	0.25242027	2	0	0.972491774			
LINC01579	ENSG00000258754.7	0.147976659	1	1	0.147976659			
	Brain_Anterior_cingulate_cortex_BA24	0.147976659						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.446715366			
	-1.446715366	-1.446715366	NA	1	0	0.972491774		
NDRG3	ENSG00000101079.20	0.148026795	2	2	0.075782655	Brain_Cerebellum		
	0.307303298	Brain_Hippocampus	1.117995888		0.882004112			
	0.882004112	-1.775698315	1.020896878		-0.377400718	1.977491425		
	2	0	0.972491774					
RP11-188D8.1	ENSG00000271427.1	0.148118874	1	1	0.148118874			
	Brain_Nucleus_accumbens_basal_ganglia	0.148118874						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.446207986			
	1.446207986	1.446207986	NA	1	0	0.972491774		
LONRF1	ENSG00000154359.12	0.148174112	1	1	0.148174112			
	Brain_Cerebellar_Hemisphere	0.148174112	Brain_Cerebellar_Hemisphere	1	1			
	1	1.446011017	1.446011017	1.446011017	NA	1	0	
	0.972491774							
COX5A	ENSG00000178741.11	0.148213071	2	2	0.130241044			
	Brain_Caudate_basal_ganglia	0.254907886	Brain_Substantia_nigra					
	1.063039949	0.936960051	0.936960051		-1.513152038	-1.13850928		
	-1.325830659	0.264912435	2	0	0.972491774			
QRFP	ENSG00000188710.2	0.148275748	1	1	0.148275748	Brain_Amygdala		
	0.148275748	Brain_Amygdala	1	1	1.445648743	1.445648743		
	1.445648743	NA	1	0	0.972491774			
VGLL4	ENSG00000144560.14	0.148297861	1	1	0.148297861			
	Brain_Nucleus_accumbens_basal_ganglia	0.148297861						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.445569948			
	-1.445569948	-1.445569948	NA	1	0	0.972491774		
RALGAPA2	ENSG00000188559.13	0.148300036	1	1	0.148300036			
	Brain_Anterior_cingulate_cortex_BA24	0.148300036						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.445562198			
	-1.445562198	-1.445562198	NA	1	0	0.972491774		
ALKBH5	ENSG00000091542.8	0.14862839	8	3	0.071068743			
	Brain_Hippocampus	0.890590499	Brain_Spinal_cord_cervical_c-1					
	6.701444441	0.000648378	0.309056941		-0.255306271	1.805037953		
	0.425778559	0.654616206	3	0	0.972491774			
NDUFAF2	ENSG00000164182.10	0.148663037	3	3	0.024558383			
	Brain_Cortex	0.263138142	Brain_Caudate_basal_ganglia	1.914431339				
	0.313860736	0.313860736	-2.24827935		-1.119004682	-1.73915152		
	0.572764553	3	0	0.972491774				
GPR132	ENSG00000183484.11	0.148708076	3	3	0.023723192			
	Brain_Putamen_basal_ganglia	0.116123772	Brain_Substantia_nigra					
	2.394963247	0.126942075	0.126942075		-2.261582801	-1.571253523		
	-2.006195349	0.378574244	3	0	0.972491774			
LINC00663	ENSG00000266904.5	0.148727813	13	11	0.045789551			
	Brain_Anterior_cingulate_cortex_BA24	0.865804121	Brain_Caudate_basal_ganglia					
	5.17361488	1.25E-16	0.230647486		-0.94701312	1.997328112		
	0.241728166	0.892467424	11	0	0.972491774			
TMEM237	ENSG00000155755.18	0.148778757	2	2	0.279390359			
	Brain_Putamen_basal_ganglia	0.662693495	Brain_Caudate_basal_ganglia					
	1.687565154	0.312434846	0.312434846		-0.436197426	1.081689863		
	0.322746218	1.073308395	2	0	0.972491774			
ZC3H7A	ENSG00000122299.11	0.148859929	1	1	0.148859929			
	Brain_Cerebellar_Hemisphere	0.148859929	Brain_Cerebellar_Hemisphere	1	1			
	1	-1.443570143	-1.443570143	-1.443570143	NA	1	0	
	0.972491774							
RP11-586D19.2	ENSG00000251408.1	0.148919634	1	1	0.148919634			
	Brain_Nucleus_accumbens_basal_ganglia	0.148919634						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.443358055			
	1.443358055	1.443358055	NA	1	0	0.972491774		
RAMP3	ENSG00000122679.8	0.149088979	1	1	0.149088979			
	Brain_Nucleus_accumbens_basal_ganglia	0.149088979						

	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.442756847		
	-1.442756847	-1.442756847	NA	1	0	0.972491774	
GMFB	ENSG00000197045.12	0.149162295	2	2	0.104836497		
	Brain_Spinal_cord_cervical_c-1	0.300218189				Brain_Hippocampus	
	1.029330375	0.970669625	0.970669625		1.035965606	1.621845201	
	1.328905403	0.414279435	2	0	0.972491774		
PPIP5K2	ENSG00000145725.19	0.149173096	6	5	0.104074413		
	Brain_Spinal_cord_cervical_c-1	0.984787419				Brain_Hypothalamus	3.61015902
	0.055734295	0.195758257	-0.174526264		1.625413823	0.678171048	
	0.769586982	5	0	0.972491774			
TTC21B	ENSG00000123607.14	0.14920517	2	2	0.082710437		
	Brain_Cerebellar_Hemisphere	0.152700234				Brain_Cerebellum	1.341482878
	0.658517122	0.658517122	-1.735171475		-1.430058484	-1.58261498	
	0.215747465	2	0	0.972491774			
CPNE1	ENSG00000214078.12	0.149215174	13	1	0.11152484		
	Brain_Cerebellar_Hemisphere	0.20573852				Brain_Anterior_cingulate_cortex_BA24	
	12.49621181	9.63E-05	12.49621181		-1.591376633	-1.26537057	
	-1.413419334	0.106380866	1	0	0.972491774		
TCF7	ENSG00000081059.19	0.149345594	3	3	0.314975346		Brain_Cerebellum
	0.977975255	Brain_Cerebellar_Hemisphere	1.894482423		0.095632192		
	0.095632192	-1.004836997	0.810239663		-0.055663301	0.910398996	
	3	0	0.972491774				
RYR1	ENSG00000196218.12	0.149407692	5	3	0.048557988		
	Brain_Nucleus_accumbens_basal_ganglia	0.51502224				Brain_Cortex	4.360812456
	0.038644304	0.226514035	0.651037562		1.972452379	1.479630383	
	0.544778475	3	0	0.972491774			
PTPRM	ENSG00000173482.16	0.149417692	2	2	0.092638096		
	Brain_Frontal_Cortex_BA9	0.335564918				Brain_Cerebellum	1.014211162
	0.985788838	0.985788838	-0.962965339		1.681642952	0.359338806	
	1.870020456	2	0	0.972491774			
TBCK	ENSG00000145348.16	0.149437205	2	2	0.208064266		
	Brain_Cerebellar_Hemisphere	0.752625346				Brain_Cerebellum	1.857953744
	0.142046256	0.142046256	-1.258906057		-0.315179532	-0.787042795	
	0.667315426	2	0	0.972491774			
SOCS7	ENSG00000274211.4	0.149557438	1	1	0.149557438		
	Brain_Putamen_basal_ganglia	0.149557438				Brain_Putamen_basal_ganglia	1
	1	-1.441096445	-1.441096445		-1.441096445	NA	1
	0.972491774					0	
EFNA4	ENSG00000243364.7	0.1496466	1	1	0.1496466	Brain_Cortex	0.1496466
	Brain_Cortex	1	1	1	1.440780868	1.440780868	1.440780868
	NA	1	0	0.972491774			
TLR6	ENSG00000174130.12	0.14967149	3	2	0.048545262		
	Brain_Putamen_basal_ganglia	0.079986283				Brain_Cerebellum	2.819819307
	0.059047718	0.121132975	-1.972563965		-1.750765664	-1.866457032	
	0.111209342	2	0	0.972491774			
COQ6	ENSG00000119723.16	0.149687671	7	5	0.006139939		
	Brain_Hypothalamus	0.328449204				Brain_Cerebellar_Hemisphere	5.249033164
	0.073446817	0.223354342	0.977242315		2.740212925	1.672708783	
	0.577277223	5	0	0.972491774			
LRRC3	ENSG00000160233.7	0.149694844	4	4	0.03173205		
	Brain_Nucleus_accumbens_basal_ganglia	0.871997126				Brain_Putamen_basal_ganglia	
	2.008384387	0.348054433	0.348054433		0.161122238	2.147769767	
	1.192614846	1.079460844	4	0	0.972491774		
CBX2	ENSG00000173894.10	0.149721945	2	2	0.081522831		
	Brain_Caudate_basal_ganglia	0.262991283				Brain_Cortex	1.146315619
	0.853684381	0.853684381	1.119348991		1.741917789	1.43063339	
	0.440222619	2	0	0.972491774			
MMS22L	ENSG00000146263.11	0.149725086	1	1	0.149725086		
	Brain_Amygdala	0.149725086				Brain_Amygdala	1
	1.440503198	1.440503198	NA	1	0	0.972491774	1.440503198
	1.440503198	1.440503198	NA	1	0	0.972491774	
SLC45A4	ENSG00000022567.9	0.149784027	1	1	0.149784027		
	Brain_Cerebellum	0.149784027				Brain_Cerebellum	1
							1
							1
							1.440294746

1.440294746	1.440294746	NA	1	0	0.972491774			
MAP3K7	ENSG00000135341.17	0.149853061		1	1	0.149853061		
	Brain_Frontal_Cortex_BA9	0.149853061				Brain_Frontal_Cortex_BA9	1	1
1	-1.440050681	-1.440050681		-1.440050681	NA	1	0	
	0.972491774							
NPIPB9	ENSG00000196993.8	0.149856171		10	2	0.020848054		
	Brain_Frontal_Cortex_BA9	0.184512534				Brain_Nucleus_accumbens_basal_ganglia		
	9.037386483	0.000619522	0.3239629	-2.310724921		-1.326988358		
	-1.718511102	0.296035548	2	0	0.972491774			
MAPK4	ENSG00000141639.11	0.149856204		1	1	0.149856204		
	Brain_Cerebellar_Hemisphere	0.149856204				Brain_Cerebellar_Hemisphere1	1	1
1	1.440039572	1.440039572		1.440039572	NA	1	0	
	0.972491774							
RP11-329B9.3	ENSG00000273403.1	0.149867123		9	7	0.065344277		
	Brain_Hypothalamus	0.656122915				Brain_Anterior_cingulate_cortex_BA24		
	3.910752795	0.046666421	0.448891466	-1.687518429		1.842895449		
	-0.389745034	1.3230449	7	0	0.972491774			
RP5-890E16.5	ENSG00000278765.1	0.149923271		4	4	0.060889211		
	Brain_Hippocampus	0.850704155				Brain_Cerebellar_Hemisphere2	3.97655407	
	0.28596296	0.28596296	-1.061776835	1.874299103		0.503365788		
	1.250051863	4	0	0.972491774				
PDPN	ENSG00000162493.16	0.149963344		2	2	0.059391811		
	Brain_Nucleus_accumbens_basal_ganglia	0.84073167				Brain_Frontal_Cortex_BA9		
	1.150536105	0.849463895	0.849463895	-1.885281735		0.200957675		
	-0.84216203	1.475194034	2	0	0.972491774			
SNX9	ENSG00000130340.15	0.150096013		1	1	0.150096013		Brain_Cerebellum
	0.150096013	Brain_Cerebellum1	1	1	1	-1.439192419		-1.439192419
	-1.439192419	NA	1	0	0.972491774			
ZNF142	ENSG00000115568.15	0.150217075		4	3	0.173479081		
	Brain_Spinal_cord_cervical_c-1	0.841845642						
	Brain_Nucleus_accumbens_basal_ganglia	2.936651073				0.022411063		
	0.284484521	0.199533242	1.361109523	0.778267575		0.630844212		
	3	0	0.972491774					
TMEM102	ENSG00000181284.2	0.150233195		1	1	0.150233195		
	Brain_Frontal_Cortex_BA9	0.150233195				Brain_Frontal_Cortex_BA9	1	1
1	-1.43870827	-1.43870827		-1.43870827	NA	1	0	
	0.972491774							
HS3ST3B1	ENSG00000125430.8	0.150482949		2	2	0.056397987		
	Brain_Frontal_Cortex_BA9	0.803638375				Brain_Cortex	1.070505721	
	0.929494279	0.929494279	-0.24864115	1.907947621		0.829653236		
	1.524938544	2	0	0.972491774				
AK9	ENSG00000155085.15	0.150490706		13	1	0.054798279		
	Brain_Anterior_cingulate_cortex_BA24	0.397943016				Brain_Amygdala		
	11.89873663	0.009149878	11.89873663	-1.920472221		-0.845300619		
	-1.382742355	0.321677698	1	0	0.972491774			
NAGA	ENSG00000198951.11	0.150595698		13	3	0.043147152		
	Brain_Hippocampus	0.757973159				Brain_Substantia_nigra	11.16957949	
	0.000429491	0.571709814	-0.308143479	2.022282724		1.28337613		
	0.577420967	3	0	0.972491774				
C21orf62	ENSG00000205929.10	0.150656763		1	1	0.150656763		
	Brain_Spinal_cord_cervical_c-1	0.150656763				Brain_Spinal_cord_cervical_c-1		
1	1	1	-1.437215526	-1.437215526		-1.437215526	NA	1
	0.972491774							
ZNF616	ENSG00000204611.6	0.150670615		1	1	0.150670615		
	Brain_Substantia_nigra	0.150670615				Brain_Substantia_nigra	1	1
1	-1.437166763	-1.437166763		-1.437166763	NA	1	0	
	0.972491774							
LINC00886	ENSG00000240875.5	0.150703804		9	8	0.021723911		
	Brain_Putamen_basal_ganglia	0.830940271				Brain_Spinal_cord_cervical_c-1		
	4.042561341	0.114296064	0.182893619	-2.295160796		1.181341146		
	-0.514960496	1.029430957	8	0	0.972491774			
TP53TG3D	ENSG00000205456.11	0.150713253		1	1	0.150713253		

	Brain_Nucleus_accumbens_basal_ganglia	0.150713253							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.437016684				
	-1.437016684	-1.437016684	NA	1	0	0.972491774			
CCDC88A	ENSG00000115355.15	0.150945025	2	1	0.110303066				
	Brain_Cerebellum	0.204864643			Brain_Cerebellar_Hemisphere	1.989212176			
	0.010787824	1.989212176			1.267813266	1.596832424			1.432322845
	0.232651677	1	0		0.972491774				
SPA17	ENSG00000064199.6	0.150976522	4	4	0.011139101				
	Brain_Frontal_Cortex_BA9	0.755933105			Brain_Putamen_basal_ganglia				
	2.677206823	0.107299481			0.107299481	-2.538304514			-0.310825734
	-1.881043371	1.05346344	4	0	0.972491774				
BCKDHA	ENSG00000248098.11	0.150988827	2	2	0.059528727				
	Brain_Cerebellum	0.593479497			Brain_Cortex	1.028527583			0.971472417
	0.971472417	-1.884268045			0.533800602	-0.675233722			1.709832738
	2	0			0.972491774				
GPM6A	ENSG00000150625.16	0.150988939	1	1	0.150988939				
	Brain_Nucleus_accumbens_basal_ganglia	0.150988939							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.4360471	1.4360471			
	1.4360471	NA	1	0	0.972491774				
RP11-873E20.1	ENSG00000267397.1	0.15103699	3	3	0.050842489				
	Brain_Caudate_basal_ganglia	0.765282477			Brain_Frontal_Cortex_BA9				
	1.683660739	0.569055201			0.569055201	-1.952806827			-0.298551237
	-1.241792753	0.851227101			3	0			0.972491774
ZBTB14	ENSG00000198081.10	0.151096177	1	1	0.151096177				
	Brain_Amygdala	0.151096177			Brain_Amygdala	1	1	1	-1.435670313
	-1.435670313	-1.435670313	NA	1	0	0.972491774			
SELL	ENSG00000188404.8	0.151177501	8	3	0.177862691				
	Brain_Anterior_cingulate_cortex_BA24	0.75943808							
	Brain_Nucleus_accumbens_basal_ganglia	7.056545898			0.002665709				0.2688395
	-1.347365049	0.476093382			-0.490153248	0.512908906		3	0
	0.972491774								
FGF17	ENSG00000158815.10	0.151334209	2	2	0.066377595				Brain_Cerebellum
	0.530443493	Brain_Cortex	1.005416144		0.994583856				0.994583856
	-0.62732916	1.835865205			0.604268022	1.741741439		2	0
	0.972491774								
TULP3	ENSG00000078246.16	0.151352935	10	2	0.080292983				Brain_Amygdala
	0.958877807	Brain_Cerebellar_Hemisphere	8.144139816		0.001341591				
	1.499406458	-1.748988638			0.187477476	-1.185146964			0.71627163
	0	0.972491774							2
ARHGAP24	ENSG00000138639.17	0.151353421	1	1	0.151353421				
	Brain_Substantia_nigra	0.151353421			Brain_Substantia_nigra	1	1		
	1	-1.434767292			-1.434767292	NA	1	0	
	0.972491774								
ALPK1	ENSG00000073331.17	0.1513788	3	3	0.068718763				Brain_Cerebellum
	0.725581664	Brain_Anterior_cingulate_cortex_BA24	1.412555218						
	0.645329813	0.645329813			-1.820264316	0.817898002			-0.217119135
	1.40785376	3	0		0.972491774				
ZDHHC19	ENSG00000163958.13	0.151496748	1	1	0.151496748				
	Brain_Caudate_basal_ganglia	0.151496748			Brain_Caudate_basal_ganglia	1	1		
	1	-1.43426467			-1.43426467	NA	1	0	
	0.972491774								
MUM1	ENSG00000160953.15	0.151516821	12	7	0.040284697				Brain_Cerebellum
	0.8683988	Brain_Putamen_basal_ganglia	7.27149742		0.000698368				0.288228087
	-1.866259401	2.050817768			0.911499559	1.248907756		7	0
	0.972491774								
NSMCE4A	ENSG00000107672.14	0.151619299	4	4	0.389456784				
	Brain_Cortex	0.974623636			Brain_Frontal_Cortex_BA9	2.575632564			
	0.216300162	0.216300162			-0.855528251	0.860602908			0.133305955
	0.756317854	4	0		0.972491774				
CRLS1	ENSG00000088766.11	0.151627062	2	2	0.124489915				Brain_Cerebellum
	0.438303771	Brain_Cerebellar_Hemisphere	1.245512649		0.754487351				
	0.754487351	-0.775060737			1.53619764	0.380568452			1.634306471
									2

0	0.972491774								
EPB41L3	ENSG00000082397.17	0.15171293	1	1	0.15171293	Brain_Cerebellum			
	0.15171293 Brain_Cerebellum1		1	1	1.433507246	1.433507246			
	1.433507246 NA		1	0	0.972491774				
IGSF5	ENSG00000183067.5	0.151755851	5	5	0.027609255				
	Brain_Hippocampus	0.797382419				Brain_Nucleus_accumbens_basal_ganglia			
	2.871751679	0.267343255			0.267343255	-0.439075054	2.20279423		
	0.532878557	1.044887857			5	0	0.972491774		
APOBEC3B	ENSG00000179750.15	0.151788257	1	1	0.151788257				
	Brain_Cortex	0.151788257			Brain_Cortex	1	1	1	1.433243517
	1.433243517	1.433243517			NA	1	0	0.972491774	
RN7SL832P	ENSG00000243819.4	0.151798827	1	1	0.151798827				
	Brain_Nucleus_accumbens_basal_ganglia	0.151798827							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.433206519				
	-1.433206519	-1.433206519			NA	1	0	0.972491774	
CACNG2	ENSG00000166862.6	0.151859862	1	1	0.151859862				
	Brain_Anterior_cingulate_cortex_BA24	0.151859862							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.432992916				
	1.432992916	1.432992916			NA	1	0	0.972491774	
TMOD4	ENSG00000163157.14	0.151864255	2	2	0.128372795	Brain_Cerebellum			
	0.231725411	Brain_Frontal_Cortex_BA9			1.007428479	0.992571521			
	0.992571521	-1.19592607			1.52055003	0.16231198	1.920838672	2	0
	0.972491774								
SIRT4	ENSG00000089163.4	0.151961106	3	3	0.054221596				
	Brain_Frontal_Cortex_BA9	0.749032384			Brain_Cerebellum	1.904566965			
	0.344822915	0.344822915			-1.925062048	-0.319915505	-0.861236576		
	0.921347922	3	0	0.972491774					
WIPI1	ENSG00000070540.12	0.152109662	4	4	0.053458303				
	Brain_Nucleus_accumbens_basal_ganglia	0.991523459			Brain_Cerebellar_Hemisphere				
	1.97084289	0.069368653			0.069368653	-1.931200166	0.010623969		
	-1.0620788	0.819729924			4	0	0.972491774		
CNTLN	ENSG00000044459.14	0.152174417	5	4	0.028012752				
	Brain_Hippocampus	0.725941114			Brain_Cortex	3.397434516			
	0.033886941	0.303453704			-2.197107753	-0.350529821	-0.833789267		
	0.776205139	4	0	0.972491774					
EXOC6B	ENSG00000144036.15	0.152255183	2	2	0.054535936				
	Brain_Frontal_Cortex_BA9	0.283838896			Brain_Cerebellum	1.435176099			
	0.564823901	0.564823901			-1.922555191	-1.0717354	-1.497145295		
	0.601620444	2	0	0.972491774					
CASC15	ENSG00000272168.6	0.152278462	6	2	0.072407768				
	Brain_Cortex	0.838479262			Brain_Cerebellum	5.43512629	0.000460475		
	0.426888982	-1.796545723			-0.203839068	-0.9475308	0.546898109		2
	0	0.972491774							
ELOVL7	ENSG00000164181.13	0.15230909	3	3	0.048955				
	Brain_Cerebellar_Hemisphere	0.753353727			Brain_Substantia_nigra				
	1.626988808	0.487460974			0.487460974	-0.314220298	1.968983374		
	1.134186584	1.259223078			3	0	0.972491774		
SERPINF1	ENSG00000132386.10	0.152315276	1	1	0.152315276				
	Brain_Putamen_basal_ganglia	0.152315276			Brain_Putamen_basal_ganglia	1	1		
	1	1.431401162			1.431401162	NA	1	0	
	0.972491774								
SLC4A2	ENSG00000164889.13	0.152403762	3	3	0.0422675				
	Brain_Cerebellar_Hemisphere	0.411595032			Brain_Cortex	1.065725263			
	0.940133018	0.940133018			-2.030876743	-0.821089953	-1.239312753		
	0.685881734	3	0	0.972491774					
RP11-542G1.1	ENSG00000251185.1	0.152404382	5	5	0.043247932				
	Brain_Hypothalamus	0.263054696			Brain_Amygdala	2.692127918			
	0.139436691	0.139436691			1.119200302	2.02130761	1.698109261		
	0.409500081	5	0	0.972491774					
SPRED2	ENSG00000198369.9	0.152445805	2	2	0.063103056				
	Brain_Substantia_nigra	0.951755259			Brain_Amygdala	1.256107371			
	0.743892629	0.743892629			0.060502708	1.858464667	0.959483688		

	1.271351094	2	0	0.972491774					
DMRT2	ENSG00000173253.15		0.152474663	1	1	0.152474663			
	Brain_Hippocampus		0.152474663	Brain_Hippocampus	1	1	1		
	-1.43084493	-1.43084493	-1.43084493	NA	1	0	0.972491774		
DSEL	ENSG00000171451.13		0.152484739	2	2	0.061625091			
	Brain_Spinal_cord_cervical_c-1		0.746778881						
	Brain_Anterior_cingulate_cortex_BA24		1.102900887			0.897099113			
	0.897099113	-1.868983636	0.322889563	-0.773047036			1.549888402		
	2	0	0.972491774						
RP11-131L23.2	ENSG00000273264.1		0.152562451	1	1	0.152562451			
	Brain_Hippocampus		0.152562451	Brain_Hippocampus	1	1	1		
	1.430538757	1.430538757	1.430538757	NA	1	0	0.972491774		
KCNK1	ENSG00000135750.14		0.152582757	3	3	0.022801682			
	Brain_Substantia_nigra		0.969076012	Brain_Cortex	1.11235599	0.87153977			
	0.87153977	0.03876718	2.276741242	0.89045511	1.210982413	3	0		
	0.972491774								
IGSF9	ENSG00000085552.16		0.152610131	1	1	0.152610131			
	Brain_Nucleus_accumbens_basal_ganglia		0.152610131						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.430372521				
	-1.430372521	-1.430372521	NA	1	0	0.972491774			
CUTA	ENSG00000112514.15		0.152720549	2	2	0.090971218	Brain_Cerebellum		
	0.692935114	Brain_Frontal_Cortex_BA9	1.30181894	0.69818106	0.69818106				
	-0.394875037	1.690296639	0.647710801	1.474439032	2	0			
	0.972491774								
RP11-575F12.3	ENSG00000278266.1		0.15272259	2	2	0.053358303			
	Brain_Caudate_basal_ganglia	0.390539465	Brain_Amygdala	1.367400731					
	0.632599269	0.632599269	0.858639453	1.932009747		1.3953246			
	0.758987414	2	0	0.972491774					
PEF1	ENSG00000162517.12		0.152747811	7	5	0.027480679			
	Brain_Frontal_Cortex_BA9	0.52225647	Brain_Spinal_cord_cervical_c-1						
	4.425827003	0.006137611	0.2148637	-2.204621311		1.537312692			
	-1.168392321	1.308863962	5	0	0.972491774				
CIITA	ENSG00000179583.18		0.152864719	1	1	0.152864719			
	Brain_Caudate_basal_ganglia	0.152864719	Brain_Caudate_basal_ganglia	1	1				
	1	1.429485573	1.429485573	1.429485573	NA	1	0		
	0.972491774								
HSPA13	ENSG00000155304.5		0.1529829	2	2	0.116859769	Brain_Amygdala		
	0.168541318	Brain_Nucleus_accumbens_basal_ganglia	1.161649461						
	0.838350539	0.838350539	1.376905982	1.568091546		1.472498764			
	0.135188609	2	0	0.972491774					
ING2	ENSG00000168556.6		0.15301448	1	1	0.15301448	Brain_Hypothalamus		
	0.15301448	Brain_Hypothalamus	1	1	1	-1.42896435	-1.42896435		
	-1.42896435	NA	1	0	0.972491774				
RHBDD1	ENSG00000144468.16		0.153122947	6	5	0.060619591			
	Brain_Frontal_Cortex_BA9	0.242120958	Brain_Anterior_cingulate_cortex_BA24						
	3.42397897	0.025614641	0.236741936	-1.876259972		1.169701887			
	-1.119772856	1.148452451	5	0	0.972491774				
KCNJ10	ENSG00000177807.8		0.153178093	3	3	0.107384574			
	Brain_Cerebellum	0.719971424	Brain_Spinal_cord_cervical_c-1	1.021541746					
	0.975400352	0.975400352	-1.610060844	0.358496984		-0.950946263			
	1.134019625	3	0	0.972491774					
RP11-347I19.8	ENSG00000272849.1		0.153219748	10	3	0.009689614			
	Brain_Cerebellar_Hemisphere	0.643799326	Brain_Anterior_cingulate_cortex_BA24						
	8.33299523	0.000239568	0.28646648	0.462393268		2.586713421			
	2.005783275	0.599935158	3	0	0.972491774				
WNT6	ENSG00000115596.3		0.153256157	1	1	0.153256157			
	Brain_Substantia_nigra	0.153256157	Brain_Substantia_nigra	1	1				
	1	-1.428124048	-1.428124048	-1.428124048	NA	1	0		
	0.972491774								
CHD1L	ENSG00000131778.18		0.153347045	7	4	0.008983612			
	Brain_Nucleus_accumbens_basal_ganglia	0.877223349	Brain_Cerebellum						
	4.051020075	0.03017911	0.330556689	-0.172901083		2.61267715	1.08821574		

	0.996852685	4	0	0.972491774					
RPS17	ENSG00000182774.10		0.153372955	4	3	0.026341371			
	Brain_Spinal_cord_cervical_c-1	0.977011635				Brain_Frontal_Cortex_BA9			
	2.849225723	0.05078984	0.177363316			-2.221141621		-0.02881563	
	-0.635063427	1.059905859	3	0	0.972491774				
RWDD2B	ENSG00000156253.6		0.153397941	13	1	0.108675783			
	Brain_Substantia_nigra	0.1888123				Brain_Caudate_basal_ganglia	12.58793791		
	0.000169558	12.58793791	-1.604173644			-1.314100755		-1.405700963	
	0.073698402	1	0	0.972491774					
C22orf34	ENSG00000188511.12		0.153609762	8	3	0.158718213			
	Brain_Cerebellar_Hemisphere	0.915409758				Brain_Hypothalamus	6.715826654		
	0.024655935	0.2790929	-1.409395639			0.448945064		-0.051932479	
	0.605242515	3	0	0.972491774					
RASA4	ENSG00000105808.17		0.153616812	6	6	0.028104498			
	Brain_Caudate_basal_ganglia	0.749190303				Brain_Cerebellar_Hemisphere			
	3.439668002	0.13481766	0.13481766	0.319707198		2.195824625			
	1.611519391	0.682661542	6	0	0.972491774				
TMEM132E	ENSG00000181291.6		0.153817895	3	3	0.057678775			
	Brain_Frontal_Cortex_BA9	0.426306359				Brain_Cerebellum	1.134492632		
	0.868317649	0.868317649	-0.795528122			1.898131397		0.633394395	
	1.354314611	3	0	0.972491774					
TIMM22	ENSG00000177370.4		0.153865159	10	10	0.008373145			
	Brain_Putamen_basal_ganglia	0.997180643				Brain_Cerebellum	1.994003629		
	0.347068172	0.347068172	0.003533547			2.636640787		1.004098115	
	0.923823844	10	0	0.972491774					
PRICKLE2	ENSG00000163637.12		0.153872925	2	2	0.161648343			
	Brain_Caudate_basal_ganglia	0.222328892				Brain_Putamen_basal_ganglia	1.07950498		
	0.92049502	0.92049502	-1.220358791	1.399549242		0.089595225			
	1.852554736	2	0	0.972491774					
S100BPB	ENSG00000116497.17		0.154096078	2	2	0.055411014			
	Brain_Frontal_Cortex_BA9	0.575104565				Brain_Nucleus_accumbens_basal_ganglia			
	1.155520055	0.844479945	0.844479945			0.560549677		1.915639375	
	1.238094526	0.958193114	2	0	0.972491774				
GGA1	ENSG00000100083.18		0.154134451	2	2	0.066799336			
	Brain_Caudate_basal_ganglia	0.533942976				Brain_Cortex	1.003081284		
	0.996918716	0.996918716	-1.833021754			-0.621998316		-1.227510035	
	0.856322885	2	0	0.972491774					
WNT3	ENSG00000108379.9		0.154163321	12	12	0.003049231			
	Brain_Frontal_Cortex_BA9	0.930590165				Brain_Substantia_nigra			
	2.396709333	0.30213477	0.30213477	-2.962730786		1.643996477			
	-0.60898777	1.188231663	12	0	0.972491774				
JMJD6	ENSG00000070495.14		0.154202626	1	1	0.154202626		Brain_Cerebellum	
	0.154202626	Brain_Cerebellum	1	1	1	-1.424842875		-1.424842875	
	-1.424842875	NA	1	0	0.972491774				
TSC1	ENSG00000165699.13		0.154246017	9	2	0.099436424			
	Brain_Substantia_nigra	0.394691653				Brain_Hippocampus	7.708994566		
	1.75E-05	1.000150204	0.851139883			1.647591996		1.041340432	
	0.254551338	2	0	0.972491774					
PCDHGA6	ENSG00000253731.2		0.154261064	8	5	0.165674889			
	Brain_Cerebellar_Hemisphere	0.980381232				Brain_Hypothalamus	6.192468283		
	0.008355499	0.274989586	-1.386235879			0.425841291		-0.774626561	
	0.705997509	5	0	0.972491774					
RAB3B	ENSG00000169213.6		0.154321076	3	3	0.025140862			
	Brain_Caudate_basal_ganglia	0.726654179				Brain_Frontal_Cortex_BA9			
	1.905648746	0.10526835	0.10526835	-2.239231421		0.349579658			
	-1.30895152	1.439877822	3	0	0.972491774				
SELENOW	ENSG00000178980.14		0.154327081	3	3	0.037111588			
	Brain_Spinal_cord_cervical_c-1	0.664013423				Brain_Cerebellum	1.555520727		
	0.547024286	0.547024286	-2.084534365			-0.434378755		-1.296587858	
	0.82758056	3	0	0.972491774					
MON2	ENSG00000061987.14		0.154392335	1	1	0.154392335			
	Brain_Hypothalamus	0.154392335				Brain_Hypothalamus	1	1	1

1.424187042	1.424187042	1.424187042	NA	1	0	0.972491774
ANKRD27	ENSG00000105186.15	0.154399311	10	4	0.093432427	
	Brain_Cerebellar_Hemisphere	0.963038485				Brain_Anterior_cingulate_cortex_BA24
6.387096378	0.021257773	0.223358004			-1.677563072	0.321083482
-0.700723515	0.792027999	4	0	0.972491774		
OTUD3	ENSG00000169914.5	0.154486856	13	1	0.101703008	Brain_Cortex
0.402919343	Brain_Substantia_nigra				11.34635091	0.008272082
11.34635091	0.836418795	1.636652936			1.327168249	0.210345448
1	0	0.972491774				
MASTL	ENSG00000120539.14	0.154527068	11	3	0.104189363	
	Brain_Substantia_nigra	0.98556661			Brain_Amygdala	9.307290269
0.007588403	-0.502517423	-1.624874219			0.147023018	-0.539149401
0.513267298	3	0	0.972491774			
RP11-1263C18.2	ENSG00000283183.1	0.154578146	4	4	0.048347396	
	Brain_Cortex	0.907747407			Brain_Cerebellum	1.474858316
0.565356695	-1.069511669	1.974302153			-0.003319552	1.428770904
4	0	0.972491774				
LEF1	ENSG00000138795.9	0.154598792	1	1	0.154598792	
	Brain_Hypothalamus	0.154598792			Brain_Hypothalamus	1 1 1
1.423474005	1.423474005	1.423474005	NA	1	0	0.972491774
RP11-783K16.13	ENSG00000257086.1	0.154638654	10	2	0.048050747	
	Brain_Anterior_cingulate_cortex_BA24	0.862534254			Brain_Cerebellum	
8.503586772	0.004820919	0.736416935			-1.976919355	-0.173149072
-1.481218488	0.599629043	2	0	0.972491774		
KIAA1324L	ENSG00000164659.14	0.154652669	3	3	0.037708865	
	Brain_Hippocampus	0.954892083			Brain_Cerebellum	1.229889922
0.844598635	0.844598635	-2.078005362			0.056564539	-1.079401035
1.073893966	3	0	0.972491774			
SECISBP2L	ENSG00000138593.8	0.154766886	1	1	0.154766886	
	Brain_Putamen_basal_ganglia	0.154766886			Brain_Putamen_basal_ganglia	1 1
1	1.422893999	1.422893999	1.422893999	NA	1	0
0.972491774						
ANO4	ENSG00000151572.16	0.154846711	2	2	0.121564361	
	Brain_Putamen_basal_ganglia	0.26135031			Brain_Nucleus_accumbens_basal_ganglia	
1.020261268	0.979738732	0.979738732			-1.548240679	-1.123205304
-1.335722992	0.300545396	2	0	0.972491774		
SAFB2	ENSG00000130254.11	0.154965666	1	1	0.154965666	
	Brain_Nucleus_accumbens_basal_ganglia	0.154965666				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.422208727	
1.422208727	1.422208727	NA	1	0	0.972491774	
LINC01671	ENSG00000225431.1	0.155007816	2	1	0.149783671	
	Brain_Nucleus_accumbens_basal_ganglia	0.160761757			Brain_Putamen_basal_ganglia	
1.99814845	0.00185155	1.99814845	-1.440296006		-1.402514188	-1.421405097
0.026715779	1	0	0.972491774			
EMILIN1	ENSG00000138080.13	0.155136306	1	1	0.155136306	
	Brain_Amygdala	0.155136306			Brain_Amygdala	1 1 1
1.421620997	1.421620997	NA	1	0	0.972491774	1.421620997
PLEKHF2	ENSG00000175895.3	0.15534015	1	1	0.15534015	Brain_Hippocampus
0.15534015	Brain_Hippocampus	1	1	1	-1.420919547	-1.420919547
-1.420919547	NA	1	0	0.972491774		
KIAA1024	ENSG00000169330.8	0.155352495	3	3	0.119471114	
	Brain_Cerebellar_Hemisphere	0.936616531			Brain_Cerebellum	1.685646967
0.389636671	-0.389636671	-1.556997354			1.152263348	-0.108403624
1.364371921	3	0	0.972491774			
PDZD9	ENSG00000155714.13	0.15536101	2	2	0.247571867	
	Brain_Nucleus_accumbens_basal_ganglia	0.424669559			Brain_Frontal_Cortex_BA9	
1.481015275	0.518984725	0.518984725			-1.156267232	0.798346295
-0.178960468	1.38212048	2	0	0.972491774		
ANXA3	ENSG00000138772.12	0.155365338	9	5	0.037452985	
	Brain_Caudate_basal_ganglia	0.867650382			Brain_Hippocampus	6.632464019
0.004343408	0.221664503	-2.080791602			-0.166643731	-0.755316485
0.567831243	5	0	0.972491774			

PWAR6 ENSG00000257151.1 0.155507443 1 1 0.155507443
Brain_Nucleus_accumbens_basal_ganglia 0.155507443
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -1.420344392
-1.420344392 -1.420344392 NA 1 0 0.972491774
BATF3 ENSG00000123685.8 0.155515224 6 2 0.076806262
Brain_Putamen_basal_ganglia 0.938153437 Brain_Cortex 5.165328707
0.004129925 0.516852878 0.077590956 1.769525244 1.232898416
0.602023042 2 0 0.972491774
MICA ENSG00000204520.12 0.155583387 13 2 0.064166044
Brain_Nucleus_accumbens_basal_ganglia 0.377982479 Brain_Cerebellum
10.66255347 0.003606476 1.724513045 -1.851024395 -0.881619735
-1.203824595 0.253730118 2 0 0.972491774
AC012354.6 ENSG00000225156.2 0.155638534 3 3 0.083269139
Brain_Caudate_basal_ganglia 0.264662857 Brain_Nucleus_accumbens_basal_ganglia
1.204108738 0.778068461 0.778068461 -1.115437805 1.732024846
0.674454015 1.558599181 3 0 0.972491774
SUSD5 ENSG00000173705.8 0.155706649 6 6 0.030916562
Brain_Putamen_basal_ganglia 0.899536711 Brain_Caudate_basal_ganglia
1.914595063 0.225732658 0.225732658 -1.282117776 2.158144979
0.202819454 1.283131743 6 0 0.972491774
CTC-461F20.1 ENSG00000250415.1 0.155732513 2 2 0.062380944
Brain_Cerebellar_Hemisphere 0.619912017 Brain_Cerebellum 1.00017055 0.99982945
0.99982945 -0.495975045 1.863578327 0.683801641 1.66845619 2 0
0.972491774
AP001505.10 ENSG00000276529.1 0.155816454 12 2 0.119863959
Brain_Putamen_basal_ganglia 0.732651599 Brain_Nucleus_accumbens_basal_ganglia
11.2360993 3.32E-05 0.415105135 0.341600449 1.555344861 0.49756384
0.336919538 2 0 0.972491774
HSDL2 ENSG00000119471.14 0.155903141 4 4 0.033613321 Brain_Amygdala
0.878298902 Brain_Cortex 2.635031889 0.139568701 0.139568701
0.153126014 2.124680035 1.238431733 1.007973137 4 0
0.972491774
BTBD6 ENSG00000184887.13 0.155929958 4 3 0.075102658
Brain_Frontal_Cortex_BA9 0.982161426 Brain_Cerebellum 2.796886165
0.085780607 0.201169202 -0.0223592 1.779836893 0.680323629
0.77795133 3 0 0.972491774
ECHDC3 ENSG00000134463.14 0.15596912 11 4 0.097214393
Brain_Spinal_cord_cervical_c-1 0.970913337 Brain_Cortex 8.687139612
0.0080629 0.291283372 -1.65851088 1.521391452 -0.244764023
0.809883728 4 0 0.972491774
SOX21-AS1 ENSG00000227640.2 0.156019224 1 1 0.156019224
Brain_Nucleus_accumbens_basal_ganglia 0.156019224
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -1.418587804
-1.418587804 -1.418587804 NA 1 0 0.972491774
AACS ENSG00000081760.16 0.156069634 7 7 0.030840388
Brain_Putamen_basal_ganglia 0.869086084 Brain_Caudate_basal_ganglia
2.969935519 0.20664197 0.20664197 -1.052780488 2.159126068
0.582660557 0.980144489 7 0 0.972491774
LINC01607 ENSG00000272138.1 0.156092921 8 8 0.043005242
Brain_Caudate_basal_ganglia 0.903078913 Brain_Hypothalamus 1.434204661
0.575088398 0.575088398 -1.080638379 2.023659079 0.56448543
0.961508556 8 0 0.972491774
C7orf61 ENSG00000185955.4 0.156096374 2 2 0.387590005
Brain_Cortex 0.39521019 Brain_Spinal_cord_cervical_c-1 1.604457116
0.395542884 0.395542884 -0.863996152 0.850206677 -0.006894737
1.212124444 2 0 0.972491774
EXOC6 ENSG00000138190.16 0.156122032 2 2 0.117375127
Brain_Cerebellar_Hemisphere 0.622385496 Brain_Nucleus_accumbens_basal_ganglia
1.355979475 0.644020525 0.644020525 -1.565886774 -0.492472304
-1.029179539 0.759018651 2 0 0.972491774
POLD2 ENSG00000106628.10 0.15612938 7 3 0.098487499
Brain_Nucleus_accumbens_basal_ganglia 0.987016902 Brain_Hippocampus

	5.302232729	0.006966312	0.647228122	-0.503269199	1.652230854
	0.303080742	0.802650405	3 0	0.972491774	
TRRAP	ENSG00000196367.12	0.156206981	1 1	0.156206981	
	Brain_Nucleus_accumbens_basal_ganglia	0.156206981			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	-1.417944459	
	-1.417944459	-1.417944459	NA 1 0	0.972491774	
RP5-999L4.2	ENSG00000275142.1	0.156499829	4 3	0.041824063	
	Brain_Hippocampus	0.133651145	Brain_Substantia_nigra	2.818405365	
	0.012204188	0.214843385	-2.035266517	-1.499858171	-1.733095274
	0.261513364	3 0	0.972491774		
SIX5	ENSG00000177045.7	0.156515606	1 1	0.156515606	
	Brain_Nucleus_accumbens_basal_ganglia	0.156515606			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	-1.416888237	
	-1.416888237	-1.416888237	NA 1 0	0.972491774	
LPCAT1	ENSG00000153395.9	0.156579065	2 2	0.059329589	
	Brain_Cerebellar_Hemisphere	0.156730357	Brain_Cerebellum	1.857480573	
	0.142519427	0.142519427	-1.885743051	-1.416154218	-1.650948634
	0.332049448	2 0	0.972491774		
CTD-2315E11.1	ENSG00000259685.2	0.156630119	7 6	0.005269608	
	Brain_Caudate_basal_ganglia	0.660437803	Brain_Cerebellar_Hemisphere		
	4.210449152	0.094402089	0.215034047	-2.790073458	0.439308794
	-1.861576624	1.173611478	6 0	0.972491774	
APEX1	ENSG00000100823.11	0.156731666	2 2	0.153517781	
	Brain_Nucleus_accumbens_basal_ganglia	0.275858506	Brain_Cerebellar_Hemisphere		
	1.133700259	0.866299741	0.866299741	1.089670067	1.427215526
	1.258442797	0.238680683	2 0	0.972491774	
XRCC2	ENSG00000196584.2	0.156818114	13 3	0.158794015	
	Brain_Hippocampus	0.900534785	Brain_Amygdala	11.06176618	2.63E-17
	0.395459271	-1.119798181	1.40913919	0.839312486	0.716934733 3
	0 0.972491774				
GPLD1	ENSG00000112293.14	0.156823625	2 2	0.17094916	
	Brain_Putamen_basal_ganglia	0.307190804	Brain_Frontal_Cortex_BA9		
	1.218519403	0.781480597	0.781480597	-1.369160342	1.021134321
	-0.17401301	1.690193565	2 0	0.972491774	
SRPRB	ENSG00000144867.11	0.15683411	4 4	0.074812161	
	Brain_Putamen_basal_ganglia	0.945121031	Brain_Hippocampus	1.582589979	
	0.43441675	0.43441675	-1.781614239	0.740317384	-0.629640799
	1.172582098	4 0	0.972491774		
ZNRF1	ENSG00000186187.11	0.15683766	1 1	0.15683766	Brain_Hypothalamus
	0.15683766	Brain_Hypothalamus	1 1 1	-1.415787742	-1.415787742
	-1.415787742	NA 1 0	0.972491774		
MTMR6	ENSG00000139505.11	0.156883988	3 1	0.129466365	
	Brain_Frontal_Cortex_BA9	0.214678253	Brain_Cerebellum	2.957701924	
	0.009439358	2.957701924	-1.516209587	-1.240803756	-1.405620707
	0.145490913	1 0	0.972491774		
IFT43	ENSG00000119650.12	0.156965988	1 1	0.156965988	Brain_Cerebellum
	0.156965988	Brain_Cerebellum	1 1 1	1.415349705	1.415349705
	1.415349705	NA 1 0	0.972491774		
ETAA1	ENSG00000143971.7	0.157100388	4 4	0.036416289	Brain_Cortex
	0.810139877	Brain_Cerebellar_Hemisphere	1.589430217	0.444523616	
	0.444523616	-2.092248533	1.56978631	-0.40267205	1.524242167 4
	0 0.972491774				
PTGER3	ENSG00000050628.20	0.157176552	3 3	0.100664183	
	Brain_Anterior_cingulate_cortex_BA24	0.940139318	Brain_Frontal_Cortex_BA9		
	2.164448585	0.301060337	0.301060337	-0.532398056	1.641642168
	0.344716451	1.146208451	3 0	0.972491774	
LRTM1	ENSG00000144771.7	0.157237418	1 1	0.157237418	Brain_Cortex
	0.157237418	Brain_Cortex	1 1 1	-1.4144241	-1.4144241 -1.4144241
	NA 1 0	0.972491774			
PARP10	ENSG00000178685.13	0.157301711	2 2	0.054504597	
	Brain_Spinal_cord_cervical_c-1	0.956226557	Brain_Substantia_nigra		
	1.005278446	0.994721554	0.994721554	0.054889424	1.922804581

	0.988847003	1.320815474	2	0	0.972491774			
PFN2	ENSG00000070087.13	0.15757611	1	1	0.15757611	Brain_Cerebellum	0.15757611	
	Brain_Cerebellum	1	1	1.413270822	1.413270822		1.413270822	
	NA	1	0	0.972491774				
UBN1	ENSG00000118900.14	0.15757879	1	1	0.15757879	Brain_Cerebellum	0.15757879	
	Brain_Cerebellum	1	1	-1.413261704	-1.413261704		-1.413261704	
	NA	1	0	0.972491774				
KAT8	ENSG00000103510.19	0.15770392	11	2	0.007802196			
	Brain_Caudate_basal_ganglia	0.296742588			Brain_Frontal_Cortex_BA9			
	9.618986962	0.002869283	0.756016019		1.04344425	2.660511933		
	1.788195844	0.424784441	2	0	0.972491774			
HNRNPAL2	ENSG00000139675.11	0.157714433	12	3	0.039995847			
	Brain_Amygdala	0.537970397	Brain_Substantia_nigra	10.40447491				
	0.002325084	0.409499146	-2.053791801		-0.615885038		-1.091273682	
	0.363609695	3	0	0.972491774				
BBOF1	ENSG00000119636.15	0.157771403	9	4	0.187375902			
	Brain_Cerebellar_Hemisphere	0.630526859	Brain_Nucleus_accumbens_basal_ganglia					
	6.25760275	0.020035774	0.291937209		-1.199519464	1.318381706		
	0.717462942	0.770340163	4	0	0.972491774			
MAPK1	ENSG00000100030.14	0.157882009	2	2	0.057617359			
	Brain_Nucleus_accumbens_basal_ganglia	0.854414252	Brain_Hippocampus					
	1.05856939	0.94143061	0.94143061	0.183489123	1.898597947	1.041043535		
	1.21276508	2	0	0.972491774				
LKAAEAR1	ENSG00000171695.10	0.157885998	4	4	0.036187864			
	Brain_Nucleus_accumbens_basal_ganglia	0.5578333	Brain_Caudate_basal_ganglia					
	1.192809462	0.789552104	0.789552104		-2.094810247	1.057477093		
	-0.161956872	1.494073979	4	0	0.972491774			
SYCE3	ENSG00000217442.3	0.157918227	12	3	0.025137934			
	Brain_Putamen_basal_ganglia	0.739666347	Brain_Amygdala	9.791099082				
	1.18E-17	0.356442074	0.332295222		2.239276446	1.834819956		
	0.557624757	3	0	0.972491774				
CCDC50	ENSG00000152492.13	0.157962948	3	3	0.087390906			
	Brain_Hippocampus	0.205546037	Brain_Caudate_basal_ganglia	1.757120167				
	0.246128862	0.246128862	-1.413812245		1.709324241		-0.323465321	
	1.761999992	3	0	0.972491774				
CSNK1E	ENSG00000213923.11	0.157978159	3	3	0.087383579			
	Brain_Hippocampus	0.994351347	Brain_Nucleus_accumbens_basal_ganglia					
	1.275422042	0.739592684	0.739592684		-1.360795975	1.709363817		
	0.118549146	1.538112279	3	0	0.972491774			
HAUS4	ENSG00000092036.18	0.158031423	13	1	0.117743045			
	Brain_Hypothalamus	0.237822449	Brain_Amygdala	12.3665029	0.000789305			
	12.3665029	-1.564317412	-1.180447074		-1.377515108	0.105827191	1	
	0	0.972491774						
RMDN3	ENSG00000137824.15	0.158039952	10	3	0.027349305			
	Brain_Substantia_nigra	0.835992713	Brain_Cerebellum	7.885959685				
	0.00161022	0.310186144	-0.207021954		2.20649578	1.780425446		
	0.728097619	3	0	0.972491774				
SCIMP	ENSG00000161929.14	0.15811572	4	4	0.042535871			
	Brain_Nucleus_accumbens_basal_ganglia	0.719898884	Brain_Cerebellum					
	1.691594018	0.566936308	0.566936308		-2.028238907	1.146954767		
	-0.152828079	1.397559438	4	0	0.972491774			
LINC01740	ENSG00000228067.1	0.15835619	4	2	0.048841076			
	Brain_Putamen_basal_ganglia	0.094741246	Brain_Amygdala	3.742693875				
	0.04721698	0.161635062	-1.969976391		-1.670900941	-1.85625244		
	0.129133432	2	0	0.972491774				
LITAF	ENSG00000189067.12	0.158373569	3	3	0.044472752	Brain_Cerebellum		
	0.766830321	Brain_Cerebellar_Hemisphere	1.444746197		0.635433056			
	0.635433056	-0.296523503	2.009607452		0.802537359	1.156853271		
	3	0	0.972491774					
RP11-85E16.1	ENSG00000272984.1	0.158549426	1	1	0.158549426			
	Brain_Anterior_cingulate_cortex_BA24	0.158549426						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.409967003			

	-1.409967003	-1.409967003	NA	1	0	0.972491774		
MVB12A	ENSG00000141971.12	0.158584062			6	5	0.284600716	
	Brain_Putamen_basal_ganglia	0.968113099					Brain_Caudate_basal_ganglia	
	4.114555035	0.055790615	0.209148684				-1.070041308	0.963851292
	-0.245617314	0.689165159	5	0			0.972491774	
DHODH	ENSG00000102967.11	0.158622833		12	4	0.025726358		Brain_Amygdala
	0.600016116	Brain_Caudate_basal_ganglia	9.633607806			0.002984373		
	0.335127185	-2.230317711	-0.524377337				-1.418460247	0.548554788
	4	0	0.972491774					
HGSNAT	ENSG00000165102.14	0.158777963			1	1	0.158777963	
	Brain_Caudate_basal_ganglia	0.158777963					Brain_Caudate_basal_ganglia	1
	1	1.409193486	1.409193486	1.409193486	NA	1	0	
	0.972491774							
RP4-737E23.2	ENSG00000230387.2	0.158836203			6	5	0.072304938	
	Brain_Frontal_Cortex_BA9	0.857703366					Brain_Nucleus_accumbens_basal_ganglia	
	2.842137532	0.072165928	0.215286905				-1.797193298	-0.179298447
	-1.261799069	0.666258762	5	0			0.972491774	
AFTPH	ENSG00000119844.15	0.15887089	1	1	0.15887089		Brain_Caudate_basal_ganglia	
	0.15887089	Brain_Caudate_basal_ganglia	1	1	1	1	1.408879203	
	1.408879203	1.408879203	NA	1	0	0.972491774		
PLCB2	ENSG00000137841.11	0.158878553			1	1	0.158878553	
	Brain_Caudate_basal_ganglia	0.158878553					Brain_Caudate_basal_ganglia	1
	1	-1.408853292	-1.408853292	-1.408853292	NA	1	0	
	0.972491774							
BORCS8	ENSG00000254901.7	0.15895361	8	4	0.082726011			
	Brain_Cerebellar_Hemisphere	0.683395729					Brain_Substantia_nigra	
	6.317686711	0.011812242	0.262154147				-0.407833757	1.735083533
	0.984287427	0.676042775	4	0			0.972491774	
SLC24A3	ENSG00000185052.11	0.159021254			1	1	0.159021254	
	Brain_Putamen_basal_ganglia	0.159021254					Brain_Putamen_basal_ganglia	1
	1	1.408370958	1.408370958	1.408370958	NA	1	0	
	0.972491774							
ZDBF2	ENSG00000204186.7	0.159239043		4	3	0.027131897		
	Brain_Putamen_basal_ganglia	0.11967874	Brain_Hippocampus			3.007132454		
	0.067715926	0.348012216	1.55612345	2.209614955		1.897949597		
	0.309492442	3	0	0.972491774				
COX7A1	ENSG00000161281.10	0.159474111			10	8	0.018702786	
	Brain_Cerebellar_Hemisphere	0.550972219					Brain_Frontal_Cortex_BA9	5.38012229
	0.091105319	0.227750896	0.596303911			2.351402591		1.139627784
	0.587011262	8	0	0.972491774				
PRSS48	ENSG00000189099.11	0.159560015			1	1	0.159560015	
	Brain_Putamen_basal_ganglia	0.159560015					Brain_Putamen_basal_ganglia	1
	1	1.406552875	1.406552875	1.406552875	NA	1	0	
	0.972491774							
RPUSD2	ENSG00000166133.17	0.159608208			1	1	0.159608208	
	Brain_Cerebellar_Hemisphere	0.159608208					Brain_Cerebellar_Hemisphere	1
	1	-1.406390474	-1.406390474	-1.406390474	NA	1	0	
	0.972491774							
WHAMM	ENSG00000156232.7	0.159720704			4	4	0.052208823	Brain_Cortex
	0.842941609	Brain_Hippocampus	1.595128861			0.461440158		
	0.461440158	-0.19813223	1.94140788	1.036179676		0.955174105		4
	0	0.972491774						
ADH5	ENSG00000197894.10	0.159758349		9	6	0.004539593		
	Brain_Spinal_cord_cervical_c-1	0.338829607					Brain_Cortex	5.045075156
	0.007879834	0.189295101	0.956480351			2.83800883		2.039446711
	0.724023053	6	0	0.972491774				
RP5-1125A11.6	ENSG00000275784.1	0.159832621			2	2	0.110660894	
	Brain_Cortex	0.237480338	Brain_Cerebellum	1.078415112		0.921584888		
	0.921584888	-1.595229635	1.181308132			-0.206960752		1.963308683
	2	0	0.972491774					
ERGIC2	ENSG00000087502.17	0.159970995			1	1	0.159970995	
	Brain_Hypothalamus	0.159970995					Brain_Hypothalamus	1
								1

1.405169116	1.405169116	1.405169116	NA	1	0	0.972491774
ZNF77	ENSG00000175691.8	0.160032151	1	1	0.160032151	
	Brain_Substantia_nigra	0.160032151			Brain_Substantia_nigra	1 1
1	-1.404963436	-1.404963436	-1.404963436	NA	1	0
	0.972491774					
RHBDL1	ENSG00000103269.13	0.160186836	1	1	0.160186836	
	Brain_Spinal_cord_cervical_c-1	0.160186836			Brain_Spinal_cord_cervical_c-1	
1	1	-1.404443464	-1.404443464	-1.404443464	NA	1 0
	0.972491774					
STRN4	ENSG00000090372.14	0.160310696	4	2	0.062926389	Brain_Cortex
	0.079046982	Brain_Spinal_cord_cervical_c-1			3.596766637	0.049511343
	0.263898896	-1.859711251	-1.75624267	-1.801550463		0.04290423 2
	0	0.972491774				
RP11-13K12.2	ENSG00000267665.1	0.160390308	5	5	0.163404388	
	Brain_Nucleus_accumbens_basal_ganglia	0.865752558				
	Brain_Spinal_cord_cervical_c-1	1.788270447			0.235231041	0.235231041
	-0.503965515	1.393712671	0.112604228	0.765495328		5 0
	0.972491774					
SNRPA1	ENSG00000131876.16	0.160458604	1	1	0.160458604	
	Brain_Caudate_basal_ganglia	0.160458604			Brain_Caudate_basal_ganglia	1 1
1	1.403530833	1.403530833	1.403530833	NA	1	0
	0.972491774					
SPON1	ENSG00000262655.3	0.160542024	3	3	0.50299175	Brain_Cerebellum
	0.615672178	Brain_Cerebellar_Hemisphere	1.864870016		0.143085582	
	0.143085582	-0.669789873	0.50199338	-0.275561337	0.673404201	3
	0	0.972491774				
EIF3CL	ENSG00000205609.12	0.160553485	1	1	0.160553485	
	Brain_Amygdala	0.160553485	Brain_Amygdala	1 1 1	1.403212488	
	1.403212488	1.403212488	NA	1 0	0.972491774	
RP11-108L7.14	ENSG00000273476.1	0.160553814	1	1	0.160553814	
	Brain_Hypothalamus	0.160553814	Brain_Hypothalamus	1 1 1		
	1.403211384	1.403211384	1.403211384	NA	1 0	0.972491774
CAPZA1	ENSG00000116489.12	0.160585054	6	5	0.058717167	
	Brain_Nucleus_accumbens_basal_ganglia	0.883793658				
	Brain_Spinal_cord_cervical_c-1	4.184774928			0.074724313	0.163522316
	-1.8903051	0.347587165	-0.476055255	0.797343547	5	0
	0.972491774					
ADCY3	ENSG00000138031.14	0.160593319	6	3	0.133568826	Brain_Cortex
	0.826260719	Brain_Spinal_cord_cervical_c-1			5.117478209	0.060244001
	0.197817928	-1.500175972	0.502874637	-0.643262073		0.745762704
	3	0	0.972491774			
SLC10A5	ENSG00000253598.1	0.160627353	2	2	0.294104002	
	Brain_Cerebellar_Hemisphere	0.77126232	Brain_Cerebellum	1.742965861		
	0.257034139	0.257034139	-1.04916105	0.290724124		-0.379218463
	0.947441893	2	0	0.972491774		
TRIM63	ENSG00000158022.6	0.160645875	3	3	0.254736877	
	Brain_Substantia_nigra	0.583196713	Brain_Cerebellar_Hemisphere			
	2.506732144	0.124717592	0.124717592	-1.138919152		0.54872132
	-0.386816057	0.858643519	3	0	0.972491774	
PIGM	ENSG00000143315.6	0.160651578	1	1	0.160651578	
	Brain_Spinal_cord_cervical_c-1	0.160651578	Brain_Spinal_cord_cervical_c-1			
1	1	1	-1.402883511	-1.402883511	-1.402883511	NA 1 0
	0.972491774					
UBXN2A	ENSG00000173960.13	0.160654268	2	2	0.057735635	
	Brain_Cerebellum	0.877031767	Brain_Hippocampus		1.042755464	
	0.957244536	0.957244536	-0.154733058	1.897699833		0.871483387
	1.451289216	2	0	0.972491774		
PPM1K	ENSG00000163644.14	0.160657677	3	3	0.129398142	
	Brain_Substantia_nigra	0.504064507	Brain_Spinal_cord_cervical_c-1			
	1.090129567	0.927471771	0.927471771	-1.506986016		1.516479532
	-0.219538239	1.56084825	3	0	0.972491774	
BSN-AS2	ENSG00000226913.1	0.16067837	8	1	0.084852143	Brain_Cortex

	0.284310597	Brain_Nucleus_accumbens_basal_ganglia	7.503597808					
	0.006711218	7.503597808	1.070686095	1.723201223	1.358809206			
	0.244473807	1	0	0.972491774				
OGFRL1	ENSG00000119900.7	0.160762659	3	2	0.063235071			
	Brain_Cerebellum	0.850287548	Brain_Nucleus_accumbens_basal_ganglia					
	2.221684745	0.002950839	0.775364416	-1.857535042	-0.188751549			
	-1.283826044	0.948723392	2	0	0.972491774			
FOXD4	ENSG00000170122.5	0.160831972	5	5	0.268145843	Brain_Amygdala		
	0.876921782	Brain_Cerebellar_Hemisphere	3.510848069	0.182327472				
	0.182327472	-0.58111148	1.107342577	0.294996859	0.772590861			
	5	0	0.972491774					
PCDHGB2	ENSG00000253910.2	0.160856729	4	4	0.012619248			
	Brain_Cortex	0.590834224	Brain_Cerebellum	2.193569589	0.239780895			
	0.239780895	0.537627524	2.494337529	1.625978171	0.847574696			
	4	0	0.972491774					
C8orf37	ENSG00000156172.5	0.160952088	2	2	0.103186655			
	Brain_Caudate_basal_ganglia	0.95570105	Brain_Nucleus_accumbens_basal_ganglia					
	1.54714587	0.45285413	0.45285413	-1.62959721	-0.055549055	-0.842573132		
	1.113020124	2	0	0.972491774				
MRPL49	ENSG00000149792.8	0.161011631	2	2	0.067878929			
	Brain_Frontal_Cortex_BA9	0.796702482	Brain_Cortex	1.421594146				
	0.578405854	0.578405854	0.257617035	1.825809716	1.041713375			
	1.10887968	2	0	0.972491774				
FGL1	ENSG00000104760.16	0.161287478	2	2	0.083815483			
	Brain_Putamen_basal_ganglia	0.191031346	Brain_Nucleus_accumbens_basal_ganglia					
	1.309508823	0.690491177	0.690491177	-1.72896431	-1.307534204			
	-1.518249257	0.297996086	2	0	0.972491774			
DCBLD1	ENSG00000164465.18	0.161346489	2	2	0.065153178			
	Brain_Frontal_Cortex_BA9	0.10543963	Brain_Cortex	1.680252281				
	0.319747719	0.319747719	-1.844205629	-1.619035476	-1.731620552			
	0.159219342	2	0	0.972491774				
RXRB	ENSG00000204231.10	0.161385446	3	3	0.342877546	Brain_Cerebellum		
	0.638051171	Brain_Caudate_basal_ganglia	1.786514869	0.348709716				
	0.348709716	-0.852974326	0.948494944	0.188648649	0.933204938			
	3	0	0.972491774					
ZNF133	ENSG00000125846.15	0.161423313	1	1	0.161423313			
	Brain_Cerebellum	0.161423313	Brain_Cerebellum	1	1	1	1.400300628	
	1.400300628	1.400300628	NA	1	0	0.972491774		
DPT	ENSG00000143196.4	0.16143117	1	1	0.16143117	Brain_Hypothalamus		
	0.16143117	Brain_Hypothalamus	1	1	1	1.400274381	1.400274381	
	1.400274381	NA	1	0	0.972491774			
RP11-88E10.4	ENSG00000277159.1	0.161451605	9	4	0.009664281			
	Brain_Frontal_Cortex_BA9	0.702796726	Brain_Anterior_cingulate_cortex_BA24					
	6.911833465	0.002612227	0.307187548	0.381547912	2.587615422			
	2.03755032	0.697459423	4	0	0.972491774			
CARD9	ENSG00000187796.13	0.161471939	2	2	0.116299933	Brain_Cortex		
	0.256523815	Brain_Anterior_cingulate_cortex_BA24	1.031015502					
	0.968984498	0.968984498	1.134645657	1.570495275	1.352570466			
	0.308192221	2	0	0.972491774				
AP001432.14	ENSG00000242553.1	0.161519037	1	1	0.161519037			
	Brain_Anterior_cingulate_cortex_BA24	0.161519037						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.399980904			
	-1.399980904	-1.399980904	NA	1	0	0.972491774		
TSEN54	ENSG00000182173.12	0.161628875	4	4	0.037851656			
	Brain_Hypothalamus	0.385121998	Brain_Cerebellar_Hemisphere	2.583570964				
	0.189788882	0.189788882	-1.069633132	2.076457516	0.789331633			
	1.336841664	4	0	0.972491774				
TMEM204	ENSG00000131634.13	0.161733202	1	1	0.161733202			
	Brain_Frontal_Cortex_BA9	0.161733202	Brain_Frontal_Cortex_BA9	1	1			
	1	1.399266099	1.399266099	1.399266099	NA	1	0	
	0.972491774							
AQP5	ENSG00000161798.6	0.161739599	13	7	0.021455571			

	Brain_Hypothalamus	0.853763305		Brain_Spinal_cord_cervical_c-1				
	7.780472862	0.005652473	0.279092918	0.184318879			2.299870268	
	1.170170537	0.724016625	7	0	0.972491774			
RP1-149A16.17	ENSG00000241954.1		0.161759303	5	3	0.043617746		
	Brain_Nucleus_accumbens_basal_ganglia	0.881442555		Brain_Caudate_basal_ganglia				
	3.582796492	0.076584617	0.450940409	-2.017745766	0.149140771			
	-1.039695408	0.882548335	3	0	0.972491774			
RP11-238K6.1	ENSG00000253288.1		0.161773257	4	4	0.26899737		
	Brain_Anterior_cingulate_cortex_BA24	0.658771403		Brain_Hippocampus				
	1.935252177	0.256954574	0.256954574	-0.851593259	1.10537445			
	-0.22910194	0.906083073	4	0	0.972491774			
GOLGA6L10	ENSG00000278662.4		0.161839115	13	2	0.013543412		
	Brain_Caudate_basal_ganglia	0.293359908		Brain_Putamen_basal_ganglia				
	11.10774795	0.004280452	0.56441519	1.050779423	2.469150832			
	1.647164992	0.379398924	2	0	0.972491774			
CPSF1	ENSG00000071894.16		0.161879401	13	1	0.113908725	Brain_Amygdala	
	0.234558786		Brain_Anterior_cingulate_cortex_BA24	12.63303091				
	0.000872659	12.63303091	-1.580865802	-1.188697345	-1.380279156			
	0.093594545	1	0	0.972491774				
TMEM8C	ENSG00000187616.4		0.161932454	1	1	0.161932454		
	Brain_Caudate_basal_ganglia	0.161932454		Brain_Caudate_basal_ganglia	1	1		
	1	-1.398601708	-1.398601708	-1.398601708	NA	1	0	
	0.972491774							
RABGAP1	ENSG00000011454.16		0.161965048	3	2	0.071144203		
	Brain_Frontal_Cortex_BA9	0.914383519		Brain_Caudate_basal_ganglia	2.35409829			
	0.029564973	0.616336737	0.1075111	1.80455591	0.864794478			
	0.863112942	2	0	0.972491774				
COA6	ENSG00000168275.14		0.162011443	8	5	0.051128956		
	Brain_Nucleus_accumbens_basal_ganglia	0.95652885		Brain_Frontal_Cortex_BA9				
	5.702229713	0.018033945	0.259365191	-1.05960047	1.950395852			
	0.108478626	0.915428954	5	0	0.972491774			
GLT1D1	ENSG00000151948.11		0.162125743	4	4	0.029373109		
	Brain_Frontal_Cortex_BA9	0.527206351		Brain_Caudate_basal_ganglia				
	1.936011491	0.209989782	0.209989782	-2.178442496	-0.632276294			
	-1.125327845	0.718527879	4	0	0.972491774			
CTTN	ENSG00000085733.15		0.162130987	3	3	0.094116193	Brain_Cerebellum	
	0.558457275		Brain_Cerebellar_Hemisphere	2.473014587	0.176953971			
	0.176953971	0.585134511	1.674073308	1.180757255	0.551631145			
	3	0	0.972491774					
PPP1R21	ENSG00000162869.15		0.162179004	9	6	0.108646726		
	Brain_Cerebellar_Hemisphere	0.960625998		Brain_Nucleus_accumbens_basal_ganglia				
	5.682654896	0.02767101	0.208022899	-1.604305514	1.452149046			
	-0.212155549	0.846174088	6	0	0.972491774			
SLC18B1	ENSG00000146409.10		0.162253124	1	1	0.162253124		
	Brain_Caudate_basal_ganglia	0.162253124		Brain_Caudate_basal_ganglia	1	1		
	1	1.397533752	1.397533752	1.397533752	NA	1	0	
	0.972491774							
UBR3	ENSG00000144357.16		0.162305669	1	1	0.162305669		
	Brain_Spinal_cord_cervical_c-1	0.162305669		Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.39735891	-1.39735891	-1.39735891	NA	1
	0.972491774							
PRDM4	ENSG00000110851.11		0.162307048	4	3	0.107166861	Brain_Cerebellum	
	0.548970482		Brain_Frontal_Cortex_BA9	2.737638671	0.00274357			
	0.213900235	-1.611059014	-0.599303549	-1.354486271	0.503486538			
	3	0	0.972491774					
PPWD1	ENSG00000113593.11		0.162354792	13	2	0.067633755	Brain_Cortex	
	0.645058384		Brain_Substantia_nigra	10.93050483	0.006461624			
	1.124464754	0.460637943	1.82743923	1.225082482	0.457103949		2	
	0	0.972491774						
TRIM21	ENSG00000132109.9		0.162510653	3	3	0.031548871		
	Brain_Nucleus_accumbens_basal_ganglia	0.815650858		Brain_Cerebellum				
	1.585385528	0.414744538	0.414744538	-0.890882205	2.150080204			

0.342018544	1.599990827	3	0	0.972491774			
DNPEP	ENSG00000123992.18	0.162549679	6	3	0.025705134		
	Brain_Nucleus_accumbens_basal_ganglia	0.366676741			Brain_Amygdala		
4.515489027	0.048172179	0.266158236		0.902715815	2.230637746		
1.682997533	0.46250574	3	0	0.972491774			
CENPV	ENSG00000166582.9	0.162572976	13	1	0.1275609		
	Brain_Anterior_cingulate_cortex_BA24	0.214269435			Brain_Putamen_basal_ganglia		
12.58167177	2.29E-06	12.58167177		-1.523791115	-1.241910909		
-1.37457501	0.070878642	1	0	0.972491774			
TRIM72	ENSG00000177238.13	0.162669633	9	4	0.015374356		
	Brain_Nucleus_accumbens_basal_ganglia	0.535283041			Brain_Amygdala		
6.223517118	0.011065213	0.328593699		-2.423438508	-0.619961642		
-1.839288794	0.536135516	4	0	0.972491774			
STAMBP	ENSG00000124356.15	0.162735144	1	1	0.162735144		
	Brain_Putamen_basal_ganglia	0.162735144			Brain_Putamen_basal_ganglia	1	1
1	1.395931434	1.395931434	1.395931434	NA	1	0	
0.972491774							
HBS1L	ENSG00000112339.14	0.162768481	12	2	0.058741319		
	Brain_Cerebellar_Hemisphere	0.987340283			Brain_Caudate_basal_ganglia		
10.33111396	8.58E-06	1.004957338		-1.890124441	-0.015867268		
-0.670254137	0.476188404	2	0	0.972491774			
KIF26A	ENSG00000066735.14	0.16280391	2	2	0.060066843		
	Brain_Caudate_basal_ganglia	0.698257337			Brain_Hippocampus	1.042507554	
0.957492446	0.957492446	-1.880302645		-0.387673949	-1.133988297		
1.055447873	2	0	0.972491774				
RP11-560I19.1	ENSG00000234418.1	0.162858947	2	2	0.058529108		
	Brain_Cortex	0.244116706			Brain_Spinal_cord_cervical_c-1	1.513087673	
0.486912327	0.486912327	-1.89171392		-1.164758638	-1.528236279		
0.51403501	2	0	0.972491774				
PRR29	ENSG00000224383.7	0.163080065	1	1	0.163080065		
	Brain_Nucleus_accumbens_basal_ganglia	0.163080065					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.394787052		
1.394787052	1.394787052	NA	1	0	0.972491774		
TIMM50	ENSG00000105197.10	0.163104675	1	1	0.163104675		
	Brain_Substantia_nigra	0.163104675			Brain_Substantia_nigra	1	1
1	1.39470547	1.39470547	1.39470547	NA	1	0	0.972491774
HMGCLL1	ENSG00000146151.12	0.163127997	8	4	0.016079316		
	Brain_Hypothalamus	0.507665			Brain_Cerebellar_Hemisphere	6.540175915	
0.028588031	0.223915285	-2.407110214		-0.66247789	-1.51171619		
0.567116939	4	0	0.972491774				
UBOX5	ENSG00000185019.16	0.163151309	6	4	0.019492897		
	Brain_Hippocampus	0.340178115			Brain_Cortex	4.867309651	0.07334389
0.230948925	-2.33596823	-0.953813382		-1.631216028	0.562015318		
4	0	0.972491774					
RP11-347C12.10	ENSG00000260219.2	0.163192646	2	2	0.05713908		
	Brain_Hippocampus	0.831427297			Brain_Hypothalamus	1.155692469	
0.844307531	0.844307531	-1.902245402		-0.212871366	-1.057558384		
1.194567837	2	0	0.972491774				
PRKAG2	ENSG00000106617.13	0.163315298	3	3	0.085419506		
	Brain_Cerebellum	0.579818726			Brain_Hippocampus	1.098009918	
0.857259247	0.857259247	-1.720071167		1.144282985	-0.376479235		
1.440372577	3	0	0.972491774				
CCDC13	ENSG00000244607.5	0.163325096	4	4	0.254296199		
	Brain_Cortex	0.994310089			Brain_Putamen_basal_ganglia	1.965207377	
0.108464366	0.108464366	-1.139976241		0.968130586	-0.219833017		
0.922721659	4	0	0.972491774				
ACSL6	ENSG00000164398.12	0.163382899	9	8	0.100272647		Brain_Cerebellum
0.932831671	Brain_Cerebellar_Hemisphere	3.815519072			0.060116084		
0.199752078	-1.182278641	1.643533272		0.092505718	0.982809123		
8	0	0.972491774					
IQCE	ENSG00000106012.17	0.16348006	4	4	0.158940427		
	Brain_Cerebellar_Hemisphere	0.952857571			Brain_Hippocampus	1.462657054	

	0.539029009	0.539029009	-1.408644115	1.203326499	0.11890738
	1.144102195	4	0	0.972491774	
CYP4B1	ENSG00000142973.13	0.163622464	1	1	0.163622464
	Brain_Caudate_basal_ganglia	0.163622464		Brain_Caudate_basal_ganglia	1
	1	1.392991159	1.392991159	1.392991159	NA 1 0
	0.972491774				
RANBP3L	ENSG00000164188.8	0.16365675	1	1	0.16365675
	Brain_Nucleus_accumbens_basal_ganglia	0.16365675			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.39287779
	-1.39287779	-1.39287779	NA	1	0
	0.972491774				
RBM23	ENSG00000100461.17	0.163789932	11	2	0.043014067
	Brain_Putamen_basal_ganglia	0.192298555		Brain_Spinal_cord_cervical_c-1	
	9.469016086	0.004894277	0.79292012	1.303809464	2.023573375
	1.757361369	0.258875692	2	0	0.972491774
NFATC2	ENSG00000101096.19	0.163810566	2	2	0.058545034
	Brain_Caudate_basal_ganglia	0.421764817		Brain_Putamen_basal_ganglia	
	1.515270185	0.484729815	0.484729815	0.803363238	1.891594462
	1.34747885	0.769495678	2	0	0.972491774
KRT2	ENSG00000172867.3	0.163817203	2	2	0.088715015
	Brain_Caudate_basal_ganglia	0.338332271		Brain_Putamen_basal_ganglia	
	1.064885178	0.935114822	0.935114822	-0.95746566	1.702215304
	0.372374822	1.880678445	2	0	0.972491774
ARPC5L	ENSG00000136950.13	0.163819103	4	1	0.120413502
	Brain_Cerebellum	0.322009204		Brain_Putamen_basal_ganglia	3.859323969
	0.004392575	3.859323969	-1.553040323	-0.990337458	-1.364205387
	0.253383584	1	0	0.972491774	
GPBP1	ENSG00000062194.15	0.163837463	1	1	0.163837463
	Brain_Hippocampus	0.163837463		Brain_Hippocampus	1 1 1
	-1.392280535	-1.392280535	-1.392280535	NA	1 0
	0.972491774				
LINC01132	ENSG00000227630.2	0.16389963	2	2	0.127165634
	Brain_Cerebellar_Hemisphere	1.003509803		Brain_Cortex	
	0.258255575	0.996490197	-1.130523801	1.525374828	0.996490197
	0.996490197	-1.130523801	1.525374828	0.197425514	1.878003931
	2	0	0.972491774		
TUBA3D	ENSG00000075886.10	0.163922471	6	5	0.012905508
	Brain_Hippocampus	0.950879295		Brain_Frontal_Cortex_BA9	2.935848662
	0.067422962	0.127073991	-2.48636622	0.533194715	-0.63548877
	1.01960487	5	0	0.972491774	
SLC9B2	ENSG00000164038.14	0.163947471	1	1	0.163947471
	Brain_Hypothalamus	0.163947471		Brain_Hypothalamus	1 1 1
	1.391917206	1.391917206	1.391917206	NA	1 0
	0.972491774				
PAX8	ENSG00000125618.16	0.163996573	10	2	0.020952042
	Brain_Nucleus_accumbens_basal_ganglia	8.955667582		Brain_Amygdala	
	0.299436962	0.000322046	0.308761505	1.037641559	2.30884756
	0.000322046	0.308761505	1.037641559	2.30884756	1.796165591
	0.369383327	2	0	0.972491774	
ANKRD17	ENSG00000132466.18	0.1640123	1	1	0.1640123
	Brain_Hippocampus	0.1640123		Brain_Hippocampus	
	0.1640123	Brain_Hippocampus	1	1	1
	-1.391703178	NA	1	0	0.972491774
	-1.391703178	NA	1	0	0.972491774
IL12B	ENSG00000113302.4	0.164014605	1	1	0.164014605
	Brain_Cerebellum	1	1	1	
	0.164014605	Brain_Cerebellum	1	1	1
	-1.391695568	NA	1	0	0.972491774
	-1.391695568	NA	1	0	0.972491774
PLXNA2	ENSG00000076356.6	0.164173055	1	1	0.164173055
	Brain_Substantia_nigra	0.164173055		Brain_Substantia_nigra	1 1
	1	1.391172727	1.391172727	1.391172727	NA 1 0
	0.972491774				
ATG3	ENSG00000144848.10	0.16438443	1	1	0.16438443
	Brain_Anterior_cingulate_cortex_BA24	0.16438443			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.390475843
	-1.390475843	-1.390475843	NA	1	0
	0.972491774				
FNDC5	ENSG00000160097.16	0.164467546	2	2	0.147161094
	Brain_Frontal_Cortex_BA9	0.468568138		Brain_Cerebellum	1.306517534
	0.693482466	0.693482466	-0.724810753	1.449632262	0.362410754
	1.537563402	2	0	0.972491774	

VSIG8 ENSG00000243284.1 0.164472466 7 6 0.185596893
 Brain_Putamen_basal_ganglia 0.811543514 Brain_Frontal_Cortex_BA9 2.86622111
 0.012111241 0.28919421 -1.323717475 1.16617153 -0.414013727
 0.859704838 6 0 0.972491774
 ZNF358 ENSG00000198816.6 0.164499548 2 2 0.127620652
 Brain_Hypothalamus 0.195957718 Brain_Amygdala 1.108097051
 0.891902949 0.891902949 -1.293154241 1.523552037 0.115198898
 1.99171211 2 0 0.972491774
 NAA38 ENSG00000183011.13 0.16460205 3 3 0.038819752
 Brain_Frontal_Cortex_BA9 0.112697322 Brain_Hypothalamus 2.072913537
 0.296929245 0.296929245 1.586185122 2.066092439 1.821667122
 0.240078623 3 0 0.972491774
 MAFTRR ENSG00000261390.5 0.165067223 13 2 0.032696994
 Brain_Cerebellum 0.151250253 Brain_Frontal_Cortex_BA9 12.12358596
 0.000167693 0.557606028 -2.135784368 -1.43512931 -1.779718718
 0.18777485 2 0 0.972491774
 EID3 ENSG00000255150.2 0.165139376 3 3 0.189053759 Brain_Cerebellum
 0.644943778 Brain_Anterior_cingulate_cortex_BA24 1.665630134
 0.346863223 0.346863223 -1.313383487 0.460797664 -0.62958927
 0.9544202 3 0 0.972491774
 ACSL1 ENSG00000151726.13 0.165174326 3 3 0.030674537
 Brain_Anterior_cingulate_cortex_BA24 0.755351892 Brain_Hippocampus
 1.402488069 0.609077003 0.609077003 -2.161269383 0.510736412
 -0.446314217 1.488528873 3 0 0.972491774
 SLC1A4 ENSG00000115902.10 0.165219777 5 5 0.029803984
 Brain_Cerebellum 0.794689743 Brain_Putamen_basal_ganglia 2.096463926
 0.222588687 0.222588687 -2.172685652 0.983065756 -0.649487437
 1.260182312 5 0 0.972491774
 AP000255.6 ENSG00000273091.1 0.1652611 2 2 0.059472203
 Brain_Caudate_basal_ganglia 0.876250124 Brain_Amygdala 1.034054182
 0.965945818 0.965945818 0.155724577 1.8846863 1.020205438
 1.222560559 2 0 0.972491774
 TUFM ENSG00000178952.10 0.165303447 9 1 0.103166571
 Brain_Putamen_basal_ganglia 0.582187398 Brain_Hypothalamus 8.226491105
 0.009515852 8.226491105 0.550192426 1.62969218 1.321941078
 0.347128591 1 0 0.972491774
 RP5-894D12.4 ENSG00000271234.1 0.165414502 2 2 0.08992523
 Brain_Nucleus_accumbens_basal_ganglia 0.583755382 Brain_Hippocampus
 1.68728956 0.31271044 0.31271044 -1.695792253 -0.547907553 -1.121849903
 0.811677055 2 0 0.972491774
 TRMT2A ENSG00000099899.14 0.165472843 3 3 0.06916384 Brain_Cerebellum
 0.339154438 Brain_Nucleus_accumbens_basal_ganglia 1.442063401
 0.644282743 0.644282743 0.955837304 1.81734803 1.282031131
 0.467278854 3 0 0.972491774
 ADAMTS19 ENSG00000145808.9 0.165491289 3 3 0.078225162
 Brain_Cortex 0.90641116 Brain_Amygdala 1.488812713 0.496256422
 0.496256422 -0.366550538 1.761078238 0.504031396 1.115220784
 3 0 0.972491774
 SMUG1 ENSG00000123415.15 0.165572005 1 1 0.165572005
 Brain_Nucleus_accumbens_basal_ganglia 0.165572005
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -1.386573004
 -1.386573004 -1.386573004 NA 1 0 0.972491774
 PKP1 ENSG00000081277.12 0.165635671 1 1 0.165635671
 Brain_Anterior_cingulate_cortex_BA24 0.165635671
 Brain_Anterior_cingulate_cortex_BA24 1 1 1 1.386364367
 1.386364367 1.386364367 NA 1 0 0.972491774
 MMP16 ENSG00000156103.15 0.165700363 2 2 0.060248355 Brain_Cerebellum
 0.373125046 Brain_Cerebellar_Hemisphere 1.583833551 0.416166449
 0.416166449 0.890634945 1.878971718 1.384803332 0.698859634
 2 0 0.972491774
 S100A2 ENSG00000196754.10 0.165714097 2 2 0.177281324
 Brain_Cerebellar_Hemisphere 0.490562476 Brain_Cerebellum 1.395787635

	0.604212365	0.604212365	-0.689414477	1.349173251	0.329879387
	1.441499207	2	0	0.972491774	
USP38	ENSG00000170185.9	0.165724994	2	2	0.069995291
	Brain_Hypothalamus	0.429150029			Brain_Anterior_cingulate_cortex_BA24
	1.130870479	0.869129521	0.869129521	0.79064697	1.811941147
	1.301294059	0.722164038	2	0	0.972491774
CNPY1	ENSG00000146910.12	0.165748967	2	2	0.105585341
	Brain_Hypothalamus	0.279060721			Brain_Cerebellum1.059645406
	0.940354594	0.940354594	-1.61835859	-1.082431763	-1.350395177
	0.378957494	2	0	0.972491774	
HSDL1	ENSG00000103160.11	0.165773852	4	4	0.124576198
	0.780596174	Brain_Cerebellum2.266262214			Brain_Cortex
	-1.235914129	1.535845824	0.268042914	1.143130402	0.201160603
	0.972491774				4
					0
RASSF2	ENSG00000101265.15	0.166145096	2	2	0.122098301
	Brain_Cerebellar_Hemisphere	0.561758486			Brain_Cerebellum1.300407657
	0.699592343	0.699592343	-0.580231542	1.546025951	0.482897205
	1.503491091	2	0	0.972491774	
ADGRV1	ENSG00000164199.16	0.166320732	4	4	0.057121337
	Brain_Cerebellar_Hemisphere	0.299353031			Brain_Cerebellum2.251306739
	0.12259802	0.12259802	-1.446746392	1.902381198	0.640461461
	1.447975076	4	0	0.972491774	
CYP17A1	ENSG00000148795.6	0.166392613	2	2	0.075060083
	Brain_Frontal_Cortex_BA9	0.097459729			Brain_Cortex
	0.342735487	0.342735487	1.657295587	1.780097029	1.718696308
	0.086833732	2	0	0.972491774	
ERVH48-1	ENSG00000233056.2	0.166566781	5	5	0.058122074
	Brain_Hypothalamus	0.894400042			Brain_Frontal_Cortex_BA9
	0.131407113	0.131407113	-1.033067293	1.894776075	2.695224038
	1.260411813	5	0	0.972491774	0.14959003
SP3	ENSG00000172845.14	0.166602036	1	1	0.166602036
	Brain_Cortex	1	1	1	Brain_Cortex
	0.166602036	Brain_Cortex	1	1	-1.383204937
	-1.383204937	NA	1	0	-1.383204937
	0.972491774				
PRR36	ENSG00000183248.11	0.16662749	3	3	0.062831517
	Brain_Caudate_basal_ganglia	1.824389622			Brain_Cerebellum
	0.314089719	Brain_Caudate_basal_ganglia	1.824389622	0.175469656	0.175469656
	0.175469656	-1.006677623	1.860381874	0.658071717	1.488420316
	3	0	0.972491774		
CPT1C	ENSG00000169169.14	0.166659718	9	9	0.007714256
	Brain_Cerebellar_Hemisphere	0.997715039			Brain_Caudate_basal_ganglia
	1.411201249	0.673724177	0.673724177	-1.246744574	2.664326906
	0.086375433	1.19672127	9	0	0.972491774
OR1F1	ENSG00000168124.2	0.166718197	1	1	0.166718197
	Brain_Cerebellar_Hemisphere	0.166718197			Brain_Cerebellar_Hemisphere1
	1	-1.38282609	-1.38282609	-1.38282609	NA
	0.972491774				1
					0
AL022344.7	ENSG00000259869.1	0.1667302	5	4	0.066873081
	Brain_Caudate_basal_ganglia	0.599057976			Brain_Nucleus_accumbens_basal_ganglia
	3.516827101	0.025904264	0.199563501	-1.832526069	-0.525755674
	-1.314738231	0.566524767	4	0	0.972491774
PBLD	ENSG00000108187.15	0.166738823	12	2	0.047136841
	Brain_Hypothalamus	0.867212714			Brain_Cerebellum10.04153719
	0.875618052	0.167199962	1.985068593	0.850849514	0.00181235
	2	0	0.972491774		0.496752088
GNB1L	ENSG00000185838.13	0.166786803	9	9	0.006320892
	Brain_Hypothalamus	0.958894095			Brain_Anterior_cingulate_cortex_BA24
	3.297916735	0.148969788	0.148969788	-2.730653355	0.620345322
	-0.653870398	1.023487384	9	0	0.972491774
RIF1	ENSG00000080345.17	0.166796372	11	5	0.135765121
	Brain_Hypothalamus	0.938514623			Brain_Cerebellar_Hemisphere7.718492018
	0.008633535	0.266408302	-1.491748378	1.23093135	-0.85622677
	0.782933218	5	0	0.972491774	
HYPK	ENSG00000242028.6	0.166797062	1	1	0.166797062

	Brain_Cerebellar_Hemisphere	0.166797062		Brain_Cerebellar_Hemisphere	1	1	
	1	1.382568993	1.382568993	1.382568993	NA	1	0
		0.972491774					
LINC01238	ENSG00000237940.3	0.166798699	9	9	0.011970414		
	Brain_Hypothalamus	0.844824911		Brain_Putamen_basal_ganglia	2.552253434		
	0.152963299	0.152963299	-1.53359984	2.51301531	0.452847301		
	1.240667121	9	0	0.972491774			
BACE2	ENSG00000182240.15	0.166836939	7	7	0.013008531		Brain_Cortex
	0.59118536	Brain_Cerebellum	2.071379629	0.069637998	0.069637998		
	-2.483535652	1.55130262	0.227483796	1.38054519	7	0	0.972491774
BRAT1	ENSG00000106009.15	0.166972119	3	3	0.024502543		
	Brain_Nucleus_accumbens_basal_ganglia	0.743845523		Brain_Cerebellar_Hemisphere			
	1.591608825	0.415682939	0.415682939	-0.326765145	2.24915646		
	1.064645052	1.300364703	3	0	0.972491774		
CTD-2376I4.1	ENSG00000271926.1	0.167026581	1	1	0.167026581		
	Brain_Hippocampus	0.167026581		Brain_Hippocampus	1	1	1
	-1.381821287	-1.381821287	-1.381821287	NA	1	0	0.972491774
CTC-501O10.1	ENSG00000267440.1	0.167231819	1	1	0.167231819		
	Brain_Cerebellum	0.167231819		Brain_Cerebellum	1	1	1
	-1.381153336	-1.381153336	NA	1	0	0.972491774	-1.381153336
INSR	ENSG00000171105.13	0.167280604	2	2	0.060515088		Brain_Cortex
	0.901689635	Brain_Cerebellum	1.056590276	0.943409724	0.943409724		
	0.123527202	1.877021929	1.000274566	1.239908012	2	0	
		0.972491774					
LRRC45	ENSG00000169683.7	0.167298067	3	3	0.073892957		
	Brain_Anterior_cingulate_cortex_BA24	0.788117315		Brain_Putamen_basal_ganglia			
	1.407275045	0.589968002	0.589968002	-1.787275594	0.499598932		
	-0.518810948	1.163762997	3	0	0.972491774		
ERICH2	ENSG00000204334.7	0.167326523	3	3	0.051385888		
	Brain_Amygdala	0.314821999		Brain_Substantia_nigra	1.366083843		
	0.630809027	0.630809027	-1.948243053	1.005155458	-0.68597631		
	1.522689922	3	0	0.972491774			
TPRKB	ENSG00000144034.14	0.167461288	1	1	0.167461288		
	Brain_Spinal_cord_cervical_c-1	0.167461288		Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.380407255	1.380407255	NA	1
		0.972491774					0
C11orf52	ENSG00000149300.9	0.167486523	2	2	0.100909316		
	Brain_Cerebellar_Hemisphere	0.904536491		Brain_Cerebellum	1.440904499		
	0.559095501	0.559095501	-0.119932661	1.640461169	0.760264254		
	1.244786415	2	0	0.972491774			
LIPE	ENSG00000079435.9	0.167660545	1	1	0.167660545		
	Brain_Frontal_Cortex_BA9	0.167660545		Brain_Frontal_Cortex_BA9	1	1	
	1	-1.379760023	-1.379760023	-1.379760023	NA	1	0
		0.972491774					
CELA2A	ENSG00000142615.7	0.167660943	1	1	0.167660943		
	Brain_Cortex	0.167660943		Brain_Cortex	1	1	1
	-1.379758732	-1.379758732	NA	1	0	0.972491774	-1.379758732
FCHO2	ENSG00000157107.13	0.167830813	1	1	0.167830813		Brain_Cerebellum
	0.167830813	Brain_Cerebellum	1	1	1	-1.379207413	-1.379207413
	-1.379207413	NA	1	0	0.972491774		
SLC5A9	ENSG00000117834.12	0.167897225	6	4	0.058708647		
	Brain_Nucleus_accumbens_basal_ganglia	0.521982505		Brain_Cortex	4.8258799		
	0.032942828	0.168948336	-0.640292424	1.890368846	1.068664089		
	0.87695086	4	0	0.972491774			
RP1-90G24.11	ENSG00000273325.1	0.16793605	3	3	0.029442312		
	Brain_Cerebellum	0.124115717		Brain_Cerebellar_Hemisphere	2.36129769		
	0.188895075	0.188895075	-2.177513013	-1.537725617	-1.760415766		
	0.361493524	3	0	0.972491774			
VEGFA	ENSG00000112715.21	0.167946814	1	1	0.167946814		
	Brain_Substantia_nigra	0.167946814		Brain_Substantia_nigra	1	1	
	1	1.378831169	1.378831169	1.378831169	NA	1	0
		0.972491774					

CPA4	ENSG00000128510.10	0.167964488	3	3	0.056355523		
	Brain_Nucleus_accumbens_basal_ganglia	0.895942369				Brain_Caudate_basal_ganglia	
	1.816686235	0.195838357	0.195838357		-0.664833838	1.908276236	
	0.370884527	1.357932609	3	0	0.972491774		
NKX2-3	ENSG00000119919.10	0.168016148	1	1	0.168016148		
	Brain_Nucleus_accumbens_basal_ganglia	0.168016148					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.37860638		
	-1.37860638	-1.37860638	NA	1	0.972491774		
KATNA1	ENSG00000186625.13	0.168019534	1	1	0.168019534		
	Brain_Frontal_Cortex_BA9	0.168019534				Brain_Frontal_Cortex_BA9	1 1
	1	1.378595406	1.378595406	1.378595406	NA	1	0
	0.972491774						
GTF2IRD2B	ENSG00000174428.16	0.168081871	2	2	0.06986754		
	Brain_Frontal_Cortex_BA9	0.484257163				Brain_Cortex	1.09502938 0.90497062
	0.90497062	-0.699471908	1.812768463		0.556648277	1.776422202	2
	0	0.972491774					
ST14	ENSG00000149418.10	0.168093005	3	3	0.069375787		
	Brain_Cerebellar_Hemisphere	0.848194783				Brain_Cerebellum	1.072220297
	0.925781252	0.925781252	0.191422259		1.815964699	1.092940322	
	0.826849159	3	0	0.972491774			
RP6-91H8.5	ENSG00000269945.1	0.168097093	2	2	0.125784003		
	Brain_Frontal_Cortex_BA9	0.591569758				Brain_Cortex	1.331052257
	0.668947743	0.668947743	-0.536562638		1.530940888	0.497189125	
	1.461945763	2	0	0.972491774			
STMND1	ENSG00000230873.8	0.168221074	2	2	0.141605835		
	Brain_Hypothalamus	0.222238865				Brain_Anterior_cingulate_cortex_BA24	
	1.024369567	0.975630433	0.975630433		-1.469837259	-1.220596412	
	-1.345216835	0.176239893	2	0	0.972491774		
RP11-521O16.1	ENSG00000260634.1	0.168245359	8	5	0.067435629		
	Brain_Substantia_nigra	0.611376799				Brain_Frontal_Cortex_BA9	
	5.184227221	0.002683114	0.200212425		-1.828759601	1.298137633	
	-0.346842043	0.935741	5	0	0.972491774		
STXBP3	ENSG00000116266.10	0.168354922	2	2	0.061229589		
	Brain_Spinal_cord_cervical_c-1	0.258543806				Brain_Hypothalamus	
	1.489900244	0.510099756	0.510099756		1.12983963	1.871833881	
	1.500836756	0.524669167	2	0	0.972491774		
JPH2	ENSG00000149596.6	0.168586103	1	1	0.168586103		
	Brain_Caudate_basal_ganglia	0.168586103				Brain_Caudate_basal_ganglia	1 1
	1	1.376761158	1.376761158	1.376761158	NA	1	0
	0.972491774						
SBNO2	ENSG00000064932.15	0.168591814	2	2	0.076490905		Brain_Cerebellum
	0.585590691	Brain_Cerebellar_Hemisphere	1.058563574		0.941436426		
	0.941436426	-0.545236762	1.771419882		0.61309156	1.638123623	2
	0	0.972491774					
CHRNA6	ENSG00000147434.8	0.168747203	2	2	0.121052516		
	Brain_Cerebellum	0.294611129				Brain_Cerebellar_Hemisphere	1.017104901
	0.982895099	0.982895099	-1.550370914		1.048059641	-0.251155636	
	1.837367866	2	0	0.972491774			
MRNIP	ENSG00000161010.14	0.168760423	12	4	0.022905967		
	Brain_Cerebellar_Hemisphere	0.740444594				Brain_Putamen_basal_ganglia	
	8.246775852	0.005165147	0.47480087		-2.274999378	-0.331264645	
	-1.092341912	0.718774857	4	0	0.972491774		
SLFN5	ENSG00000166750.9	0.16900792	13	3	0.025547401		
	Brain_Anterior_cingulate_cortex_BA24	0.405613621				Brain_Cerebellar_Hemisphere	
	10.96381695	8.49E-05	0.389332847		0.831637442	2.233023404	
	1.651229781	0.36545427	3	0	0.972491774		
C19orf70	ENSG00000174917.8	0.169098488	1	1	0.169098488		
	Brain_Caudate_basal_ganglia	0.169098488				Brain_Caudate_basal_ganglia	1 1
	1	-1.375106312	-1.375106312	-1.375106312	NA	1	0
	0.972491774						
NPFFR1	ENSG00000148734.7	0.169115709	2	2	0.218426843		
	Brain_Cerebellum	0.636155486				Brain_Cerebellar_Hemisphere	1.897101132

	0.102898868	0.102898868	0.473080868	1.230722038	0.851901453
	0.535733209	2 0	0.972491774		
BOC	ENSG00000144857.14	0.169292257	8 6	0.012917205	Brain_Cerebellum
	0.981851956	Brain_Cortex	3.770121076	0.021913032	0.145572445
	-2.486043833	0.659737818	-0.553706627	1.235686164	6 0
	0.972491774				
ECM2	ENSG00000106823.12	0.169325496	4 4	0.013490934	Brain_Cortex
	0.364460429	Brain_Hippocampus	2.736754412	0.212149273	
	0.212149273	-2.470539706	-0.906898587	-1.597317291	0.680745395
	4 0	0.972491774			
GALNS	ENSG00000141012.12	0.169342926	4 4	0.038946996	Brain_Amygdala
	0.288502716	Brain_Nucleus_accumbens_basal_ganglia	2.472733478		
	0.111376517	0.111376517	-2.064746458	-1.061411977	-1.475641176
	0.421909004	4 0	0.972491774		
C6orf120	ENSG00000185127.6	0.16945719	3 3	0.037578752	
	Brain_Putamen_basal_ganglia	0.795283856	Brain_Frontal_Cortex_BA9		
	1.379025705	0.726602325	0.726602325	-0.577468882	2.079420129
	0.587135563	1.358416541	3 0	0.972491774	
RP11-645C24.5	ENSG00000260306.1	0.169492822	11 1	0.084871704	
	Brain_Amygdala	0.337690831	Brain_Caudate_basal_ganglia	10.01414771	
	0.010292504	10.01414771	-1.723093024	-0.958737839	-1.312133564
	0.26062007 1	0 0.972491774			
PEBP4	ENSG00000134020.7	0.169582413	12 2	0.185316145	
	Brain_Substantia_nigra	0.679904972	Brain_Nucleus_accumbens_basal_ganglia		
	10.44940912	0.007681541	0.598088622	-1.324562968	0.748145443
	-0.742203871	0.57415654 2	0 0.972491774		
ENOX1-AS1	ENSG00000233821.1	0.169675761	3 3	0.147357469	
	Brain_Spinal_cord_cervical_c-1	0.789064316			
	Brain_Nucleus_accumbens_basal_ganglia	1.59789336	0.429653833	0.429653833	
	-0.559185649	1.448928794	0.207405766	1.085034991	3 0
	0.972491774				
PKN2	ENSG00000065243.19	0.1697073	2 2	0.138669803	Brain_Hippocampus
	0.29476233	Brain_Cerebellar_Hemisphere	1.076178938	0.923821062	
	0.923821062	-1.480762762	1.047731501	-0.21651563	1.787915439
	2 0	0.972491774			
SCT	ENSG00000070031.3	0.169716366	6 4	0.057866283	
	Brain_Spinal_cord_cervical_c-1	0.771799586	Brain_Hippocampus	3.5309627	
	0.017590316	0.481153371	0.290021766	1.896709549	1.283606554
	0.534083337	4 0	0.972491774		
LINC01730	ENSG00000275491.1	0.169779048	10 9	0.006656262	
	Brain_Hypothalamus	0.915094377	Brain_Frontal_Cortex_BA9	2.576818978	
	0.02630227	0.44977505	-2.037945018	2.713569401	0.819854141
	1.221316591	9 0	0.972491774		
WDR59	ENSG00000103091.14	0.169880167	3 3	0.042792923	Brain_Cerebellum
	0.478771654	Brain_Spinal_cord_cervical_c-1	1.880813676	0.146043978	
	0.146043978	-2.025725488	0.708279581	-1.044879536	1.521856317
	3 0	0.972491774			
RP11-16E12.1	ENSG00000259448.2	0.16997534	1 1	0.16997534	
	Brain_Caudate_basal_ganglia	0.16997534	Brain_Caudate_basal_ganglia	1 1 1	
	1.372283051	1.372283051	1.372283051	NA 1 0	0.972491774
AGBL2	ENSG00000165923.15	0.170093422	2 2	0.122244523	Brain_Cortex
	0.662741761	Brain_Cerebellum	1.365067028	0.634932972	0.634932972
	-0.436130897	1.545420757	0.55464493	1.401168612	2 0
	0.972491774				
ZNF48	ENSG00000180035.12	0.170218497	1 1	0.170218497	
	Brain_Frontal_Cortex_BA9	0.170218497	Brain_Frontal_Cortex_BA9	1 1	
	1 -1.371502076	-1.371502076	-1.371502076	NA 1 0	
	0.972491774				
RP11-159D12.2	ENSG00000264112.1	0.170307094	1 1	0.170307094	
	Brain_Spinal_cord_cervical_c-1	0.170307094	Brain_Spinal_cord_cervical_c-1		
	1 1 1	-1.371217726	-1.371217726	-1.371217726	NA 1 0
	0.972491774				

MAP3K3	ENSG00000198909.7	0.170435647	7	4	0.0792371	Brain_Cerebellum
	0.556440756	Brain_Hypothalamus	5.225407628		0.007016563	
	0.289466242	-1.75512985	1.185887317		-0.772154335	0.93229638 4
	0	0.972491774				
RAD23B	ENSG00000119318.12	0.17047684	2	2	0.185889993	Brain_Amygdala
	0.216575194	Brain_Cerebellar_Hemisphere	1.074052315		0.925947685	
	0.925947685	-1.322835787	-1.235686293		-1.27926104	0.061623998
	2	0	0.972491774			
SLC6A6	ENSG00000131389.16	0.170581064	7	7	0.072438518	
	Brain_Cortex	0.741595507	Brain_Cerebellar_Hemisphere	1.453388629		
	0.649861607	0.649861607	-1.54928932		1.796352221	0.224189142
	1.329353037	7	0	0.972491774		
DGKG	ENSG00000058866.14	0.170591504	2	2	0.104276843	
	Brain_Hippocampus	0.36649298	Brain_Cerebellar_Hemisphere	1.027245371		
	0.972754629	0.972754629	-1.624463879		-0.903062019	-1.263762949
	0.510108147	2	0	0.972491774		
IFNGR1	ENSG00000027697.13	0.170642751	1	1	0.170642751	
	Brain_Frontal_Cortex_BA9	0.170642751	Brain_Frontal_Cortex_BA9	1	1	
	1	1.370141451	1.370141451	1.370141451	NA	1 0
	0.972491774					
RFT1	ENSG00000163933.9	0.170662245	11	1	0.110873673	
	Brain_Hypothalamus	0.475315793	Brain_Anterior_cingulate_cortex_BA24			
	10.36553088	0.000741077	10.36553088		-1.594278491	-0.713856703
	-1.322861663	0.252662833	1	0	0.972491774	
ANGPTL6	ENSG00000130812.10	0.171096285	3	2	0.197706564	
	Brain_Hippocampus	0.834591923	Brain_Hypothalamus	2.608657289		
	0.053889117	0.337453595	-0.208815946		1.288113191	0.481671644
	0.755170974	2	0	0.972491774		
TRIM65	ENSG00000141569.10	0.171216936	13	2	0.020505836	
	Brain_Nucleus_accumbens_basal_ganglia	0.41523674	Brain_Substantia_nigra			
	11.08972753	0.00532892	1.141370574		0.814712774	2.316961366
	1.712121833	0.395274367	2	0	0.972491774	
PSENE1	ENSG00000205155.7	0.171225939	1	1	0.171225939	
	Brain_Frontal_Cortex_BA9	0.171225939	Brain_Frontal_Cortex_BA9	1	1	
	1	1.368275238	1.368275238	1.368275238	NA	1 0
	0.972491774					
LINC00623	ENSG00000226067.6	0.171310903	5	3	0.057932792	
	Brain_Spinal_cord_cervical_c-1	0.900327875	Brain_Cerebellar_Hemisphere			
	2.174949477	0.000390344	1.33721551		-1.896206136	0.125247169
	-1.119148251	0.845234377	3	0	0.972491774	
MIMT1	ENSG00000268654.1	0.171315077	1	1	0.171315077	
	Brain_Hippocampus	0.171315077	Brain_Hippocampus	1	1	1
	-1.367990414	-1.367990414	-1.367990414		NA	1 0
	0.972491774					
PATE2	ENSG00000196844.8	0.171536368	1	1	0.171536368	
	Brain_Caudate_basal_ganglia	0.171536368	Brain_Caudate_basal_ganglia	1	1	
	1	1.367283799	1.367283799	1.367283799	NA	1 0
	0.972491774					
SCRN3	ENSG00000144306.14	0.171655695	3	3	0.07831716	Brain_Cortex
	0.783201928	Brain_Spinal_cord_cervical_c-1	1.04506643		0.9630365	0.9630365
	-1.288182735	1.760534873	0.249166976		1.524524862	3 0
	0.972491774					
PQLC3	ENSG00000162976.12	0.171663504	3	3	0.046375468	
	Brain_Nucleus_accumbens_basal_ganglia	0.595736557	Brain_Hypothalamus			
	1.116003728	0.883076273	0.883076273		-1.99195981	0.731196995
	-0.597101432	1.36279801	3	0	0.972491774	
MXRA8	ENSG00000162576.16	0.171670403	4	4	0.020025608	Brain_Cerebellum
	0.185672116	Brain_Hippocampus	3.066980765		0.15545494	0.15545494
	1.323491094	2.325867723	1.872928632		0.424958636	4 0
	0.972491774					
RP1-122P22.4	ENSG00000268628.2	0.171754092	2	2	0.101551363	
	Brain_Cerebellum	0.324702321	Brain_Hypothalamus	1.041419238		
	0.958580762	0.958580762	0.984840709		1.637378713	1.311109711

	0.461414048	2	0	0.972491774					
CLPTM1L	ENSG00000049656.13			0.171781644	1	1	0.171781644		
	Brain_Cerebellar_Hemisphere			0.171781644			Brain_Cerebellar_Hemisphere1	1	
	1	-1.366501392	-1.366501392	-1.366501392	NA	1	0		
	0.972491774								
BET1	ENSG00000105829.11		0.171802285	1	1	0.171802285	Brain_Cortex		
	0.171802285	Brain_Cortex	1	1	1	1.366435589	1.366435589		
	1.366435589	NA	1	0	0.972491774				
LINC01152	ENSG00000256124.5		0.171862138	7	2	0.087866092			
	Brain_Cerebellar_Hemisphere		0.696554355			Brain_Frontal_Cortex_BA9			
	5.837853165	-6.32E-05	0.981136397			-1.70676311	0.960564332		
	0.217794321	0.871452649	2	0	0.972491774				
DAPK3	ENSG00000167657.13		0.17186246	1	1	0.17186246	Brain_Cortex	0.17186246	
	Brain_Cortex	1	1	1	1.366243781	1.366243781	1.366243781		
	NA	1	0	0.972491774					
DDB1	ENSG00000167986.13		0.171962839	1	1	0.171962839			
	Brain_Spinal_cord_cervical_c-1		0.171962839			Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.365923936	1.365923936	1.365923936	NA	1	0
	0.972491774								
IL20RB	ENSG00000174564.12		0.171963121	3	3	0.040105919			
	Brain_Substantia_nigra		0.431772424			Brain_Anterior_cingulate_cortex_BA24			
	1.714108562	0.31037395	0.31037395	-2.05265634	1.532585446				
	-0.435411056	1.818174766	3	0	0.972491774				
RP11-403A3.2	ENSG00000276269.1		0.171972201	5	4	0.025329293			
	Brain_Anterior_cingulate_cortex_BA24		0.547159526			Brain_Caudate_basal_ganglia			
	3.833276472	0.021982729	0.146426681			-2.236343285	-0.602021951		
	-1.622875936	0.659260133	4	0	0.972491774				
AJ011932.1	ENSG00000274248.1		0.172017832	2	2	0.063810733			
	Brain_Anterior_cingulate_cortex_BA24		0.090493137			Brain_Hypothalamus			
	1.824331532	0.175668468	0.175668468			-1.85349995	-1.69280213		
	-1.77315104	0.113630518	2	0	0.972491774				
GLRB	ENSG00000109738.10		0.172041725	2	2	0.06228538	Brain_Amygdala		
	0.801695962	Brain_Cerebellar_Hemisphere	1.02149464	0.97850536	0.97850536				
	-0.251152817	1.864258727	0.806552955	1.495821847	2	0			
	0.972491774								
LINC01785	ENSG00000268038.1		0.172246426	5	5	0.073512373			
	Brain_Putamen_basal_ganglia		0.799792365			Brain_Anterior_cingulate_cortex_BA24			
	2.918908195	0.209608788	0.209608788			-1.78963646	0.950966206		
	-0.612697073	1.029239749	5	0	0.972491774				
RP11-277B15.3	ENSG00000272205.1		0.17237882	1	1	0.17237882			
	Brain_Nucleus_accumbens_basal_ganglia		0.17237882						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.364599952				
	-1.364599952	-1.364599952	NA	1	0	0.972491774			
MICU3	ENSG00000155970.11		0.172383958	2	2	0.172751643			
	Brain_Frontal_Cortex_BA9		0.574510142			Brain_Hypothalamus	1.437326457		
	0.562673543	0.562673543	-1.36341536	0.56142163	-0.400996865				
	1.361065288	2	0	0.972491774					
PDE1B	ENSG00000123360.11		0.172399785	4	3	0.262039779			
	Brain_Cerebellar_Hemisphere		0.929350787			Brain_Hippocampus	2.870256874		
	0.025597621	0.10295167	-1.121583009			-0.088661681	-0.63428775		
	0.539841512	3	0	0.972491774					
ITGB8	ENSG00000105855.9		0.172504142	1	1	0.172504142			
	Brain_Hippocampus		0.172504142			Brain_Hippocampus	1	1	1
	1.364201546	1.364201546	1.364201546	NA	1	0	0.972491774		
GDNF	ENSG00000168621.14		0.172594329	2	2	0.09387092	Brain_Cerebellum		
	0.994600716	Brain_Cerebellar_Hemisphere	1.445315932	0.554684068					
	0.554684068	-0.00676705	1.675322772	0.834277861	1.18941712	2			
	0	0.972491774							
TM6SF2	ENSG00000213996.12		0.172649571	2	1	0.154099131			
	Brain_Cerebellum		0.207718491			Brain_Cerebellar_Hemisphere	1.938280811		
	0.061719189	1.938280811	1.259863824	1.425200917	1.342532371				
	0.11691098	1	0	0.972491774					

ATP23	ENSG00000166896.7	0.172703073	13	1	0.042158808				
	Brain_Substantia_nigra	0.484840398			Brain_Cortex	12.37439694			
	1.85E-05	12.37439694			-2.031949107				
	0.288632885	1	0		-0.698538647				-1.333047478
PMFBP1	ENSG00000118557.15	0.172800097		2	2	0.066811473			
	Brain_Cortex	0.579989952			Brain_Spinal_cord_cervical_c-1	1.090386391			
	0.909613609	0.909613609			-1.832940142				0.553399397
	1.687396871	2	0		0.972491774				-0.639770373
RP11-360I2.1	ENSG00000272130.1	0.172802032		11	10	0.055814709			
	Brain_Substantia_nigra	0.96440705			Brain_Hippocampus	3.15494573			
	0.084783387	0.186336573			-1.912479579				0.708787453
	0.811214715	10	0		0.972491774				-0.511798284
RPS15A	ENSG00000134419.15	0.172813599		2	2	0.078973415			
	Brain_Spinal_cord_cervical_c-1	0.526538572			Brain_Putamen_basal_ganglia				
	1.010658098	0.989341902			0.989341902				-1.756673861
	-0.561687558	1.689965837			2	0			0.633298745
					0.972491774				
NICN1	ENSG00000145029.13	0.173030868		6	5	0.099722034			
	Brain_Frontal_Cortex_BA9	0.758471885			Brain_Cerebellum	3.907568414			
	0.078965224	0.199361656			-0.936005563				1.646202698
	1.012306334	5	0		0.972491774				0.529645428
TWSG1	ENSG00000128791.11	0.173248174		10	3	0.186562703			
	Brain_Hippocampus	0.926558043			Brain_Hypothalamus	8.568688302			
	0.004632013	0.307626194			-1.32081606				0.400098414
	0.606398874	3	0		0.972491774				-0.230229078
ATP2C2	ENSG00000064270.12	0.173318629		3	3	0.108062329			
	Brain_Nucleus_accumbens_basal_ganglia	0.362200607			Brain_Frontal_Cortex_BA9				
	1.749520401	0.294201806			0.294201806				-1.350521591
	0.389207331	1.546292769			3	0			0.972491774
PLEKHG4B	ENSG00000153404.14	0.173482433		1	1	0.173482433			
	Brain_Anterior_cingulate_cortex_BA24	0.173482433							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1					-1.361098915
	-1.361098915	-1.361098915			NA	1	0		0.972491774
RSBN1L	ENSG00000187257.15	0.173485076		3	3	0.101896192			
	Brain_Hypothalamus	0.157327635			Brain_Cerebellum	1.901813528			
	0.098173662	0.098173662			-1.514296875				1.635729599
	1.790449916	3	0		0.972491774				-0.430894665
RP11-953B20.1	ENSG00000261710.1	0.173515102		1	1	0.173515102			
	Brain_Caudate_basal_ganglia	0.173515102			Brain_Caudate_basal_ganglia	1	1		
	1	-1.36099553			-1.36099553				NA
	0.972491774								1
ITGB1	ENSG00000150093.18	0.173646385		1	1	0.173646385			
	Brain_Cerebellar_Hemisphere	0.173646385			Brain_Cerebellar_Hemisphere	1	1		
	1	1.360580224			1.360580224				NA
	0.972491774								1
DDAH1	ENSG00000153904.18	0.173712402		1	1	0.173712402			
	Brain_Cerebellar_Hemisphere	0.173712402			Brain_Cerebellar_Hemisphere	1	1		
	1	-1.360371469			-1.360371469				NA
	0.972491774								1
TTL11	ENSG00000175764.14	0.173802015		1	1	0.173802015			
	Brain_Cerebellum	0.173802015			Brain_Cerebellum	1	1		
	1.3600882	1.3600882			NA	1	0		1.3600882
	0.972491774								
KDM3A	ENSG00000115548.16	0.173928363		3	3	0.101727731			
	Brain_Cerebellum	1.740950888			Brain_Cortex				
	0.486543902				0.272321363				0.272321363
	0.695816264	1.636534692			1.246880694				3
	0.972491774				0.490691131				0
A1BG	ENSG00000121410.11	0.173953952		2	2	0.16096179			
	Brain_Amygdala				Brain_Nucleus_accumbens_basal_ganglia	1.1061561			
	0.167627764				1.401844153				0.8938439
	0.8938439	1.379866464			1.390855309				0.015540573
	0	0.972491774							2
NHLRC4	ENSG00000257108.1	0.174076969		2	2	0.074943843			
	Brain_Cerebellum	0.402730629			Brain_Cortex	1.153418507			
	0.846581493	0.836754408			1.780807871				0.846581493
					1.30878114				0.667546606
									2

0	0.972491774								
MCRS1	ENSG00000187778.13	0.174117727	1	1	0.174117727				
	Brain_Hippocampus	0.174117727			Brain_Hippocampus	1	1	1	
	1.359091087	1.359091087	1.359091087	NA	1	0	0.972491774		
ARFRP1	ENSG00000101246.19	0.174166655	3	3	0.041649619				
	Brain_Anterior_cingulate_cortex_BA24	0.12425167			Brain_Cortex	2.180589095			
	0.074847054	0.074847054	1.537170059	2.03700422	1.737953476				
	0.264009276	3	0	0.972491774					
R3HDM4	ENSG00000198858.9	0.17425893	1	1	0.17425893				
	Brain_Substantia_nigra	0.17425893			Brain_Substantia_nigra	1	1	1	
	1.358645561	1.358645561	1.358645561	NA	1	0	0.972491774		
HPS4	ENSG00000100099.20	0.174279797	10	7	0.038122908				
	Brain_Cerebellar_Hemisphere	0.968720732			Brain_Cortex	5.726627234			
	0.038779206	0.332368836	-2.073530799	1.655369319	0.465958724				
	1.196053552	7	0	0.972491774					
CH17-264L24.1	ENSG00000279278.1	0.174353084	1	1	0.174353084				
	Brain_Cerebellum	0.174353084			Brain_Cerebellum	1	1	1	1.358348638
	1.358348638	1.358348638	NA	1	0	0.972491774			
SPINK8	ENSG00000229453.2	0.174372021	2	2	0.065585194				
	Brain_Hypothalamus	0.221198245			Brain_Hippocampus	1.515055111			
	0.484944889	0.484944889	1.223348106	1.841248207	1.532298157				
	0.436921351	2	0	0.972491774					
FNDC3A	ENSG00000102531.16	0.174406851	1	1	0.174406851				
	Brain_Cerebellum	0.174406851			Brain_Cerebellum	1	1	1	1.358179131
	1.358179131	1.358179131	NA	1	0	0.972491774			
GSTA1	ENSG00000243955.5	0.174412377	4	4	0.052789831				
	Brain_Substantia_nigra	0.926251755			Brain_Cortex	2.006483465			
	0.248884039	0.248884039	-1.387387184	1.936636191	0.06453574				
	1.379218499	4	0	0.972491774					
STPG1	ENSG00000001460.17	0.174431848	10	4	0.022039602				
	Brain_Substantia_nigra	0.118420404			Brain_Hypothalamus	8.416785102			
	0.000340863	0.288684847	1.561438161	2.289684684	1.870530304				
	0.216213363	4	0	0.972491774					
CCM2	ENSG00000136280.15	0.1745049	1	1	0.1745049	Brain_Cerebellum	0.1745049		
	Brain_Cerebellum	1	1	1.35787012	1.35787012	1.35787012	NA	1	0
	0.972491774								
ZDHC11B	ENSG00000206077.10	0.174558567	8	6	0.065175687				
	Brain_Hypothalamus	0.811995741			Brain_Cerebellar_Hemisphere	3.844969078			
	0.004181262	0.219163436	-0.923962444	1.844051142	0.749143533				
	1.035732232	6	0	0.972491774					
PTPRE	ENSG00000132334.16	0.174620124	1	1	0.174620124	Brain_Cerebellum			
	0.174620124	Brain_Cerebellum	1	1	1	1.357507148	1.357507148		
	1.357507148	NA	1	0	0.972491774				
ZFP62	ENSG00000196670.13	0.174641659	5	2	0.064690273				
	Brain_Cerebellar_Hemisphere	0.280035899			Brain_Frontal_Cortex_BA9				
	4.597576922	0.006498834	0.262723682	1.080238699	1.84739252				
	1.578256088	0.327988059	2	0	0.972491774				
ANKRD34A	ENSG00000272031.2	0.174658634	2	1	0.174658634				
	Brain_Frontal_Cortex_BA9	0.174658634			Brain_Frontal_Cortex_BA9	2			
	3.35E-17	2	1.357385874	1.357385874	1.357385874	0	1	0	
	0.972491774								
NUCB1	ENSG00000104805.15	0.174730392	2	2	0.155627404	Brain_Cerebellum			
	0.943488603	Brain_Cerebellar_Hemisphere	1.678094418	0.321905582					
	0.321905582	0.070885853	1.419932258	0.745409055	0.953919861				
	2	0	0.972491774						
MYO9B	ENSG00000099331.13	0.174733594	4	4	0.046558182	Brain_Cortex			
	0.451716986	Brain_Spinal_cord_cervical_c-1	1.665766418	0.35844087					
	0.35844087	-0.756265067	1.990297421	0.844516089	1.180810095	4			
	0	0.972491774							
METTL16	ENSG00000127804.12	0.174795645	10	4	0.030603649				
	Brain_Hippocampus	0.990482777			Brain_Caudate_basal_ganglia	7.554390912			
	0.0001561	0.401246516	-2.162188502	0.011928354	-0.580526815				

	0.652280325	4	0	0.972491774					
GSTZ1	ENSG00000100577.18		0.174890944	12	2	0.060000418			
	Brain_Substantia_nigra		0.355792605			Brain_Amygdala	10.72897032		
	0.002729854	0.641735746		0.923411876		1.880790533		1.349139284	
	0.230511748	2	0	0.972491774					
WDR62	ENSG00000075702.16		0.174935218	4	4	0.016554959		Brain_Cerebellum	
	0.995578266		Brain_Frontal_Cortex_BA9		1.921912209		0.458290074		
	0.458290074	-2.396445418		0.020702065		-0.669700866		1.161127053	
	4	0	0.972491774						
BBS1	ENSG00000174483.19		0.175043008	4	3	0.280218979			
	Brain_Nucleus_accumbens_basal_ganglia		0.569733628			Brain_Putamen_basal_ganglia			
	2.847668944	0.046653347		0.220571714		-0.806686535		1.079827553	
	0.369234645	0.816136542		3	0	0.972491774			
BSG	ENSG00000172270.18		0.175066207	5	5	0.025297873			
	Brain_Frontal_Cortex_BA9		0.825957353			Brain_Nucleus_accumbens_basal_ganglia			
	1.589898012	0.438259772		0.438259772		-2.236823569		1.417304594	
	0.083661706	1.45275526	5	0	0.972491774				
RP11-439E19.7	ENSG00000235021.1		0.175082933	5	5	0.076174902			
	Brain_Frontal_Cortex_BA9		0.76784046			Brain_Putamen_basal_ganglia	1.364636499		
	0.764088002	0.764088002		-1.773324801		0.295200841		-0.995181873	
	0.780920252	5	0	0.972491774					
TEX40	ENSG00000219435.5		0.175204813	11	3	0.02299041		Brain_Amygdala	
	0.059588132		Brain_Anterior_cingulate_cortex_BA24		9.753490221				
	0.002084812	0.329811176		1.883828832		2.273593973		2.087259004	
	0.13770637	3	0	0.972491774					
DENND1B	ENSG00000213047.12		0.175305448	1	1	0.175305448			
	Brain_Cerebellum	0.175305448		Brain_Cerebellum1	1	1		-1.355351958	
	-1.355351958	-1.355351958	NA	1	0	0.972491774			
NGB	ENSG00000165553.4		0.175332387	3	3	0.121332572		Brain_Cerebellum	
	0.54075778		Brain_Cerebellar_Hemisphere	1.139396079		0.864260814			
	0.864260814	-1.35288142		1.549204484		-0.13844814		1.50780571	3
	0	0.972491774							
RP11-59H7.4	ENSG00000277144.1		0.175334853	3	3	0.027590162			
	Brain_Hippocampus	0.983873589		Brain_Hypothalamus	1.383688656				
	0.660219936	0.660219936		-0.020212835		2.203065081		0.934994872	
	1.144182407	3	0	0.972491774					
ENTPD4	ENSG00000197217.12		0.175371746	6	6	0.011804511			
	Brain_Cerebellar_Hemisphere	0.946953549		Brain_Frontal_Cortex_BA9					
	3.256212512	0.216380368		0.216380368		-2.51793498		0.06653292	
	-1.195297857	0.865641709		6	0	0.972491774			
GDPD4	ENSG00000178795.9		0.175454374	1	1	0.175454374			
	Brain_Spinal_cord_cervical_c-1	0.175454374		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-1.354884453		-1.354884453	NA	1	0
	0.972491774								
NLRP12	ENSG00000142405.21		0.175586889	1	1	0.175586889			
	Brain_Hippocampus	0.175586889		Brain_Hippocampus	1	1	1		
	-1.354468712	-1.354468712		-1.354468712	NA	1	0	0.972491774	
AGK	ENSG00000006530.15		0.175701002	1	1	0.175701002			
	Brain_Spinal_cord_cervical_c-1	0.175701002		Brain_Spinal_cord_cervical_c-1					
	1	1	1	1.354110892		1.354110892	NA	1	0
	0.972491774								
BDKRB2	ENSG00000168398.6		0.175751482	5	5	0.126785909			
	Brain_Frontal_Cortex_BA9	0.469423468		Brain_Putamen_basal_ganglia	1.68173422				
	0.332024354	0.332024354		-0.964127584		1.526899883		0.772901972	
	1.015393798	5	0	0.972491774					
APLP1	ENSG00000105290.11		0.175815827	1	1	0.175815827			
	Brain_Putamen_basal_ganglia	0.175815827		Brain_Putamen_basal_ganglia	1	1			
	1	-1.353751014		-1.353751014	NA	1	0		
	0.972491774								
RP11-285E23.2	ENSG00000274560.1		0.175818271	3	3	0.126693555			
	Brain_Cerebellar_Hemisphere	0.659050567		Brain_Nucleus_accumbens_basal_ganglia					
	1.318285314	0.662527403		0.662527403		-0.441224377		1.527271331	

	0.699894345	1.021062802	3	0	0.972491774			
LINC01160	ENSG00000231346.5	0.175821285			1	1	0.175821285	
	Brain_Cerebellar_Hemisphere	0.175821285					Brain_Cerebellar_Hemisphere	1
	1	-1.353733911	-1.353733911	-1.353733911	NA	1	0	
	0.972491774							
POLR3H	ENSG00000100413.16	0.175826088			12	2	0.05209402	
	Brain_Nucleus_accumbens_basal_ganglia	0.506512165					Brain_Hippocampus	
	10.36947985	0.006205491	0.79315834	-1.942355982			-0.664278366	
	-1.092303299	0.395263284	2	0	0.972491774			
PPM1A	ENSG00000100614.17	0.175921184			8	2	0.098576228	
	Brain_Anterior_cingulate_cortex_BA24	0.665858307					Brain_Cerebellum	
	6.965474984	2.21E-05	0.528037598	0.431839173			1.651795592	
	0.981133904	0.522456887	2	0	0.972491774			
SLC25A20	ENSG00000178537.9	0.175957007			1	1	0.175957007	
	Brain_Cerebellum	0.175957007					Brain_Cerebellum	1
	1.353308774	1.353308774	NA	1	0	0.972491774		1.353308774
FAM166A	ENSG00000188163.7	0.176019369			3	3	0.038627384	
	Brain_Hippocampus	0.967811828					Brain_Spinal_cord_cervical_c-1	
	1.147897873	0.879014937	0.879014937	-0.733009449			2.068134428	
	0.458492606	1.446627942	3	0	0.972491774			
GGA3	ENSG00000125447.16	0.17606125	2	2	0.063321251		Brain_Cerebellum	
	0.352028688	Brain_Cerebellar_Hemisphere	1.571946936	0.428053064				
	0.428053064	-1.856929033	-0.930661505	-1.393795269			0.65497005	2
	0	0.972491774						
STMN3	ENSG00000197457.9	0.176064039			6	6	0.103681907	
	Brain_Cerebellar_Hemisphere	0.993377548					Brain_Cerebellum	3.559983871
	0.184535428	0.184535428	-1.627259915	0.958169941			-0.296126425	
	0.892298629	6	0	0.972491774				
RND3	ENSG00000115963.13	0.176220387			2	2	0.145931042	
	Brain_Nucleus_accumbens_basal_ganglia	0.310331604					Brain_Caudate_basal_ganglia	
	1.099655226	0.900344774	0.900344774	-1.014526472			1.454055057	
	0.219764292	1.745550739	2	0	0.972491774			
RP1-40E16.9	ENSG00000230269.6	0.176235574			2	2	0.1452227	
	Brain_Nucleus_accumbens_basal_ganglia	0.221102236					Brain_Cortex	1.04306211
	0.95693789	0.95693789	-1.456614946	-1.223602448			-1.340108697	
	0.164764718	2	0	0.972491774				
FAM92B	ENSG00000153789.12	0.176253546			2	2	0.316078692	
	Brain_Cerebellum	0.675901157					Brain_Cerebellar_Hemisphere	1.700682053
	0.299317947	0.299317947	-1.002548631	0.418062861			-0.292242885	
	1.004524019	2	0	0.972491774				
SDHAF1	ENSG00000205138.3	0.176267473			1	1	0.176267473	
	Brain_Putamen_basal_ganglia	0.176267473					Brain_Putamen_basal_ganglia	1
	1	-1.352337189	-1.352337189	-1.352337189	NA	1	0	
	0.972491774							
MB21D1	ENSG00000164430.15	0.176272119			1	1	0.176272119	
	Brain_Substantia_nigra	0.176272119					Brain_Substantia_nigra	1
	1	-1.352322657	-1.352322657	-1.352322657	NA	1	0	
	0.972491774							
RP11-522N14.2	ENSG00000256596.1	0.176316267			1	1	0.176316267	
	Brain_Hypothalamus	0.176316267					Brain_Hypothalamus	1
	-1.352184605	-1.352184605	-1.352184605	NA	1	0	0.972491774	
C10orf82	ENSG00000165863.16	0.176325977			3	3	0.080867492	
	Brain_Caudate_basal_ganglia	0.804759593					Brain_Cortex	1.101927456
	0.887341179	0.887341179	-1.745674712	1.255206753			-0.245886672	
	1.500441158	3	0	0.972491774				
RP11-96L14.7	ENSG00000236782.6	0.176446251			2	2	0.134714568	
	Brain_Cerebellum	0.869703688					Brain_Cerebellar_Hemisphere	1.522904496
	0.477095504	0.477095504	-0.164034877	1.495766293			0.665865708	
	1.173656662	2	0	0.972491774				
CFTR	ENSG00000001626.14	0.176448753			5	5	0.067741612	
	Brain_Hippocampus	0.611117681					Brain_Frontal_Cortex_BA9	2.007979237
	0.362751752	0.362751752	-1.826721779	1.319537239			-0.425136242	

1.351021401	5	0	0.972491774						
FBLN7	ENSG00000144152.12	0.17646944	5	5	0.01913208	Brain_Cortex			
0.909262751	Brain_Cerebellum	1.984810076			0.240687789		0.240687789		
-2.3429474	0.113968516	-0.920600585			0.952093918	5	0		
0.972491774									
PAPD7	ENSG00000112941.13	0.176481782	3	3	0.051110242	Brain_Cerebellum			
0.920704067	Brain_Cerebellar_Hemisphere	2.119209386			0.203370083				
0.203370083	-1.950553007	-0.099546881			-1.098611361		0.934232179		
3	0	0.972491774							
C12orf43	ENSG00000157895.11	0.17661117	11	4	0.15211279				
Brain_Putamen_basal_ganglia	0.961362612	Brain_Cerebellum	8.078236294						
4.12E-05	0.309917492	-1.432108439			1.199563044		-0.482309029		
0.943243604	4	0	0.972530552						
SPPL3	ENSG00000157837.15	0.176743135	9	4	0.016929209				
Brain_Hypothalamus	0.23669979	Brain_Cerebellar_Hemisphere	7.313203716						
0.018639202	0.263480288	-2.3882416	-1.183275977		-1.592940997				
0.428218954	4	0	0.972530552						
RP11-131L12.4	ENSG00000275409.1	0.176777384	10	5	0.367321983				
Brain_Putamen_basal_ganglia	0.763322811	Brain_Cerebellum	7.266898388						
0.020716448	0.349198809	-0.901501036	0.866438091		-0.377109771				
0.587893983	5	0	0.972530552						
EIF4A3	ENSG00000141543.9	0.176826978	1	1	0.176826978				
Brain_Spinal_cord_cervical_c-1	0.176826978	Brain_Spinal_cord_cervical_c-1							
1	1	1	1.350589464	1.350589464	1.350589464	NA	1	0	
0.972530552									
NPIP13	ENSG00000198064.13	0.176889956	1	1	0.176889956				
Brain_Hippocampus	0.176889956	Brain_Hippocampus	1	1	1				
1.350392997	1.350392997	1.350392997	NA	1	0	0.972530552			
EPS8L2	ENSG00000177106.14	0.177019982	5	4	0.227658187				
Brain_Nucleus_accumbens_basal_ganglia	0.824091211	Brain_Cerebellar_Hemisphere							
2.912827357	0.062316799	0.152050596	-1.035319363		1.206413256				
0.455448004	0.923145613	4	0	0.972530552					
ID3	ENSG00000117318.8	0.177043266	1	1	0.177043266				
Brain_Nucleus_accumbens_basal_ganglia	0.177043266								
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.349914948					
-1.349914948	-1.349914948	NA	1	0	0.972530552				
TMEM218	ENSG00000150433.9	0.177102498	5	4	0.142109231				
Brain_Putamen_basal_ganglia	0.926234273	Brain_Frontal_Cortex_BA9							
2.154578741	0.046913754	0.79805857	-1.332231509		1.467981563				
0.192192001	1.181054558	4	0	0.972530552					
MMAB	ENSG00000139428.11	0.17711442	7	3	0.136672158				
Brain_Nucleus_accumbens_basal_ganglia	0.852259329	Brain_Cerebellar_Hemisphere							
5.513234248	0.022781443	0.492723867	-1.488298623		0.477216043				
-0.399614752	0.652351636	3	0	0.972530552					
BLOC1S2	ENSG00000196072.11	0.177270387	12	2	0.03425703				
Brain_Hypothalamus	0.198414139	Brain_Cerebellum	10.95669682						
0.001700931	0.408734561	-2.117033205	-1.286082877		-1.682604234				
0.239810858	2	0	0.973005094						
RHOF	ENSG00000139725.7	0.17741456	4	3	0.018020414				
Brain_Cerebellar_Hemisphere	0.661294811	Brain_Cortex	2.135032982						
0.030023071	0.861384036	0.438126189	2.365198402		1.329682629				
1.007165822	3	0	0.973414554						
BLNK	ENSG00000095585.16	0.177573406	1	1	0.177573406	Brain_Amygdala			
0.177573406	Brain_Amygdala	1	1	1	-1.34826425	-1.34826425			
-1.34826425	NA	1	0	0.973741196					
CDKL2	ENSG00000138769.10	0.177613289	5	3	0.058048302	Brain_Cortex			
0.602562025	Brain_Frontal_Cortex_BA9	3.999405128	0.03195613						
0.392788042	-1.895332975	-0.520719734	-0.900455166		0.577538919				
3	0	0.973741196							
RANBP6	ENSG00000137040.9	0.177927973	2	2	0.111457578				
Brain_Amygdala	0.389687072	Brain_Frontal_Cortex_BA9	1.060848283						
0.939151717	0.939151717	0.860184999	1.591675758		1.225930379				

	0.517242076	2	0	0.9738951					
CRCT1	ENSG00000169509.5		0.178191181	1	1	0.178191181			
	Brain_Cerebellar_Hemisphere	0.178191181				Brain_Cerebellar_Hemisphere	1	1	
	1	1.346345305	1.346345305	1.346345305	NA	1	0	0.9738951	
RP11-297M9.1	ENSG00000260362.1		0.178196325	1	1	0.178196325			
	Brain_Cortex	0.178196325		Brain_Cortex	1	1	1	-1.346329348	
	-1.346329348	-1.346329348	NA	1	0	0.9738951			
CTD-2325M2.1	ENSG00000267939.1		0.178227836	11	6	0.017705038			
	Brain_Hypothalamus	0.517197826		Brain_Spinal_cord_cervical_c-1					
	8.323342703	0.030500341	0.340655892	0.647670905		2.37172969			
	1.30482314	0.524840727	6	0	0.9738951				
LINC01068	ENSG00000227676.3		0.178249823	2	1	0.158248536			
	Brain_Cerebellar_Hemisphere	0.201453173		Brain_Cerebellum	1.994183614				
	0.005816386	1.994183614	1.277422365	1.410986698		1.344204531			
	0.094444245	1	0	0.9738951					
KPRP	ENSG00000203786.6		0.178284418	1	1	0.178284418			
	Brain_Putamen_basal_ganglia	0.178284418		Brain_Putamen_basal_ganglia	1	1			
	1	-1.346056122	-1.346056122	-1.346056122	NA	1	0	0.9738951	
RBBP8NL	ENSG00000130701.3		0.178398835	3	1	0.119342862			
	Brain_Frontal_Cortex_BA9	0.234700021		Brain_Anterior_cingulate_cortex_BA24					
	2.891752941	0.025945762	2.891752941	-1.557537763		-1.188338637			
	-1.322338858	0.204347446	1	0	0.9738951				
SETD1B	ENSG00000139718.10		0.178531402	1	1	0.178531402			
	Brain_Anterior_cingulate_cortex_BA24	0.178531402							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.345290619				
	1.345290619	1.345290619	NA	1	0	0.9738951			
CTC-543D15.8	ENSG00000278611.1		0.178614539	13	2	0.029046866			
	Brain_Hippocampus	0.195547243		Brain_Substantia_nigra	10.9578459				
	0.001481638	0.810310956	1.294342208	2.182849887		1.696534705			
	0.269460359	2	0	0.9738951					
MYO6	ENSG00000196586.13		0.178627371	5	3	0.127925014			
	Brain_Nucleus_accumbens_basal_ganglia	0.957926838							
	Brain_Anterior_cingulate_cortex_BA24	2.959345682		0.023817305					
	0.131737053	-0.05275535	1.522335592	0.747014183		0.57314951	3		
	0	0.9738951							
RP11-817O13.8	ENSG00000260274.1		0.178668278	2	2	0.070832259			
	Brain_Cortex	0.285395321		Brain_Cerebellum	1.372933819		0.627066181		
	0.627066181	1.068277576	1.806551361	1.437414469		0.5220384	2		
	0	0.9738951							
GOLGA8B	ENSG00000215252.11		0.178860508	2	2	0.365145716			
	Brain_Spinal_cord_cervical_c-1	0.813699526		Brain_Caudate_basal_ganglia					
	1.803719007	0.196280993	0.196280993	-0.235656115		0.905603575			
	0.33497373	0.806992466	2	0	0.9738951				
SUGCT	ENSG00000175600.15		0.178889241	3	3	0.037331052			
	0.58426971	Brain_Hypothalamus	1.03229135	0.968340783		0.968340783			
	-0.547158696	2.082125016	0.706890429	1.318824342		3	0		
	0.9738951								
TOMM34	ENSG00000025772.7		0.179027351	3	3	0.031410006			
	Brain_Nucleus_accumbens_basal_ganglia	0.937746219							
	Brain_Anterior_cingulate_cortex_BA24	1.183451056		0.817496088					
	0.817496088	0.078102877	2.151839399	0.787246873		1.182076721			
	3	0	0.9738951						
CHRM5	ENSG00000184984.9		0.179123992	12	6	0.03304743			
	0.746336485	Brain_Substantia_nigra	7.662689623	0.007839532					
	0.287827329	-2.131506593	-0.32347375	-1.112261175		0.516481728			
	6	0	0.9738951						
SEC11C	ENSG00000166562.8		0.179323203	1	1	0.179323203			
	Brain_Cerebellar_Hemisphere	0.179323203		Brain_Cerebellar_Hemisphere	1	1			
	1	1.342841806	1.342841806	1.342841806	NA	1	0	0.9738951	
KANK3	ENSG00000186994.11		0.179378681	2	1	0.147696768			
	Brain_Cerebellar_Hemisphere	0.224469987		Brain_Cerebellum	1.966036678				
	0.033963322	1.966036678	1.21472764	1.447715017		1.331221328			

	0.164746955	1	0	0.9738951					
DACT2	ENSG00000164488.11	0.179390292	1	1	0.179390292	Brain_Cortex			
	0.179390292	Brain_Cortex	1	1	1.342634691	1.342634691			
	1.342634691	NA	1	0	0.9738951				
TMEM179B	ENSG00000185475.10	0.17946801	4	4	0.03142269	Brain_Amygdala			
	0.840800389	Brain_Frontal_Cortex_BA9	2.079633286	0.293285155					
	0.293285155	-0.490772041	2.151678428	0.542665723	1.188552525				
	4	0	0.9738951						
CPA5	ENSG00000158525.15	0.17950551	1	1	0.17950551	Brain_Hypothalamus			
	0.17950551	Brain_Hypothalamus	1	1	1.342279124	1.342279124			
	1.342279124	NA	1	0	0.9738951				
CTNNA1	ENSG00000044115.20	0.179551088	1	1	0.179551088				
	Brain_Anterior_cingulate_cortex_BA24	0.179551088							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.342138514				
	1.342138514	1.342138514	NA	1	0	0.9738951			
SLC35G2	ENSG00000168917.8	0.179626107	4	3	0.218496731				
	Brain_Cerebellum	0.54167229	Brain_Substantia_nigra	2.276726183					
	0.058178723	0.217872315	-1.230535261	1.112072805	-0.089043476				
	1.127054718	3	0	0.9738951					
ISYNA1	ENSG00000105655.18	0.179640191	1	1	0.179640191				
	Brain_Amygdala	0.179640191	Brain_Amygdala	1	1	1	-1.341863708		
	-1.341863708	-1.341863708	NA	1	0	0.9738951			
PFKP	ENSG00000067057.16	0.179664654	3	3	0.050674778				
	Brain_Anterior_cingulate_cortex_BA24	0.503943659	Brain_Caudate_basal_ganglia						
	1.317240362	0.797646304	0.797646304	-1.954223612	-0.668297577				
	-1.304170601	0.643080279	3	0	0.9738951				
RP11-489018.1	ENSG00000253988.1	0.179735284	2	2	0.132283001				
	Brain_Amygdala	0.378380032	Brain_Cortex	1.126699285	0.873300715				
	0.873300715	0.880885065	1.505159786	1.193022425	0.441428889				
	2	0	0.9738951						
DPEP1	ENSG00000015413.9	0.17979881	2	2	0.069260454	Brain_Cortex			
	0.515068925	Brain_Hypothalamus	1.161425799	0.838574201					
	0.838574201	-1.81671702	-0.650965242	-1.233841131	0.824310988				
	2	0	0.9738951						
RP11-332H14.2	ENSG00000272994.1	0.179826707	2	1	0.179375145				
	Brain_Cerebellum	0.18027943	Brain_Cerebellar_Hemisphere	1.999998549	1.45E-06				
	1.999998549	-1.342681445	-1.339895167	-1.341288306	0.001970196				
	1	0	0.9738951						
C1orf54	ENSG00000118292.8	0.180016148	1	1	0.180016148				
	Brain_Hypothalamus	0.180016148	Brain_Hypothalamus	1	1	1			
	1.340705315	1.340705315	1.340705315	NA	1	0	0.9738951		
NOP10	ENSG00000182117.5	0.180041225	1	1	0.180041225				
	Brain_Anterior_cingulate_cortex_BA24	0.180041225							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.340628112				
	1.340628112	1.340628112	NA	1	0	0.9738951			
C12orf54	ENSG00000177627.9	0.180169812	6	6	0.043902812				
	Brain_Caudate_basal_ganglia	0.925829045	Brain_Spinal_cord_cervical_c-1						
	3.471176469	0.234323548	0.234323548	-0.093093798	2.015017534				
	1.2419279	0.820115675	6	0	0.9738951				
UTP4	ENSG00000141076.17	0.180225549	13	2	0.02546921				
	Brain_Anterior_cingulate_cortex_BA24	0.493694805	Brain_Amygdala						
	11.59341508	9.75E-05	0.551414387	0.684444055	2.234210743				
	1.701781808	0.356906861	2	0	0.9738951				
DIS3L	ENSG00000166938.12	0.180238364	12	6	0.00856136				
	Brain_Spinal_cord_cervical_c-1	0.613152323	Brain_Frontal_Cortex_BA9						
	8.071723019	0.028102573	0.269558511	-2.629090389	-0.505578864				
	-1.854891215	0.718604304	6	0	0.9738951				
MTCH1	ENSG00000137409.19	0.180275003	4	4	0.027510818				
	Brain_Spinal_cord_cervical_c-1	0.771452885	Brain_Putamen_basal_ganglia						
	1.680217618	0.297928399	0.297928399	0.290474985	2.204192376				
	1.219626694	0.803859237	4	0	0.9738951				
MMP19	ENSG00000123342.15	0.180275269	1	1	0.180275269				

	Brain_Hypothalamus	0.180275269		Brain_Hypothalamus	1	1	1
	1.339907962	1.339907962	1.339907962	NA	1	0	0.9738951
RP11-282I1.1	ENSG00000230131.5	0.18028233	2	2	0.079711292		
	Brain_Hippocampus	0.298109649		Brain_Amygdala	1.7986016	0.2013984	
	0.2013984	1.040495725	1.752363682	1.396429703	0.50336666	2	0
	0.9738951						
TADA2B	ENSG00000173011.11	0.180331638	1	1	0.180331638		
	Brain_Hippocampus	0.180331638		Brain_Hippocampus	1	1	1
	-1.33973462	-1.33973462	-1.33973462	NA	1	0	0.9738951
PMS1	ENSG00000064933.17	0.180418624	1	1	0.180418624		Brain_Cerebellum
	0.180418624	Brain_Cerebellum1	1	1	1.339467204		1.339467204
	1.339467204	NA	1	0	0.9738951		
FGF2	ENSG00000138685.13	0.180660136	1	1	0.180660136		Brain_Cortex
	0.180660136	Brain_Cortex	1	1	1	-1.338725241	-1.338725241
	-1.338725241	NA	1	0	0.9738951		
ZNF589	ENSG00000164048.13	0.180715461	13	2	0.085742979		
	Brain_Nucleus_accumbens_basal_ganglia	0.946894417		Brain_Hippocampus			
	11.61839315	1.60E-06	0.776262799	-1.718294134	0.066607196		
	-1.421701511	0.464779762	2	0	0.9738951		
ZNF23	ENSG00000167377.17	0.180739497	5	5	0.067022476		
	Brain_Caudate_basal_ganglia	0.838872835		Brain_Anterior_cingulate_cortex_BA24			
	3.072941892	0.147893409	0.147893409	-1.831523279	0.203335468		
	-0.941019325	0.863832102	5	0	0.9738951		
CALML5	ENSG00000178372.7	0.18078007	2	2	0.113914688		
	Brain_Hippocampus	0.319748937		Brain_Frontal_Cortex_BA9	1.022176196		
	0.977823804	0.977823804	-1.58083973	0.994973944	-0.292932893		
	1.821375316	2	0	0.9738951			
OXT	ENSG00000101405.3	0.180827023	1	1	0.180827023		
	Brain_Spinal_cord_cervical_c-1	0.180827023		Brain_Spinal_cord_cervical_c-1			
	1	1	1	-1.338212967	-1.338212967	-1.338212967	NA
	0.9738951						1
							0
TNPO2	ENSG00000105576.15	0.180832329	5	5	0.022631619		
	Brain_Substantia_nigra	0.798182583		Brain_Hypothalamus	1.939404958		
	0.135696106	0.135696106	-0.672431327	2.279596692	0.692894348		
	1.233788742	5	0	0.9738951			
PRR5	ENSG00000186654.20	0.180972515	2	2	0.064821447		
	Brain_Caudate_basal_ganglia	0.864388289		Brain_Putamen_basal_ganglia	1.04029923		
	0.95970077	0.95970077	-1.846487543	-0.170790767	-1.008639155		
	1.184896553	2	0	0.9738951			
SLC13A4	ENSG00000164707.15	0.180983691	1	1	0.180983691		
	Brain_Cortex	0.180983691		Brain_Cortex	1	1	1
	1.337732381	1.337732381	NA	1	0	0.9738951	
OR2T33	ENSG00000177212.3	0.181129788	1	1	0.181129788		
	Brain_Caudate_basal_ganglia	0.181129788		Brain_Caudate_basal_ganglia	1	1	
	1	-1.337284502	-1.337284502	-1.337284502	NA	1	0
							0.9738951
TTC1	ENSG00000113312.10	0.181144364	2	2	0.17671289		Brain_Cortex
	0.364311318	Brain_Cerebellum	1.236030121	0.763969879	0.763969879		
	-0.907180568	1.350945505	0.221882469	1.596736259	2	0	
	0.9738951						
APOA1	ENSG00000118137.9	0.181166457	1	1	0.181166457		
	Brain_Anterior_cingulate_cortex_BA24	0.181166457					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.337172131		
	1.337172131	1.337172131	NA	1	0	0.9738951	
GSTM2	ENSG00000213366.12	0.181175165	8	7	0.057941527		
	Brain_Putamen_basal_ganglia	0.82282494		Brain_Cortex	3.776951933		
	0.104526425	0.215852534	-1.896140058	0.899800734	0.028698511		
	0.90171023	7	0	0.9738951			
RP6-7406.2	ENSG00000215859.8	0.181196356	4	4	0.03289925		Brain_Cerebellum
	0.889720484	Brain_Cerebellar_Hemisphere	1.552662596	0.554377872			
	0.554377872	-0.898184573	2.133310659	0.389350281	1.265479698		
	4	0	0.9738951				
RP11-546B8.6	ENSG00000275038.1	0.181315405	1	1	0.181315405		

	Brain_Cerebellum	0.181315405	Brain_Cerebellum1	1	1	1.336715854
		1.336715854	NA	1	0	0.9738951
KCNJ5	ENSG00000120457.11	0.181330819		1	1	0.181330819
	Brain_Putamen_basal_ganglia	0.181330819	Brain_Putamen_basal_ganglia1	1	1	
		1.336668652	1.336668652	1.336668652	NA	1 0 0.9738951
AP006621.6	ENSG00000255142.1	0.181333768		8	5	0.004194312
	Brain_Cerebellar_Hemisphere	0.114185191	Brain_Cortex	5.68491321	0.0115943	
		0.237597491	1.57965808	2.863165672	2.119473559	0.509344416 5
		0.9738951				
ARRDC4	ENSG00000140450.8	0.181405874		1	1	0.181405874
	Brain_Hippocampus	0.181405874	Brain_Hippocampus	1	1	1
		1.336438853	1.336438853	1.336438853	NA	1 0 0.9738951
XXyac-YX155B6.5	ENSG00000232265.7	0.18149889		2	2	0.135230061
	Brain_Cerebellar_Hemisphere	0.431784858	Brain_Frontal_Cortex_BA9			
		1.876535348	0.123464652	0.123464652	0.786141049	1.493791741
		1.139966395	0.500384603	2	0	0.9738951
NME7	ENSG00000143156.13	0.181558163		9	5	0.018274988
	Brain_Putamen_basal_ganglia	0.790779659	Brain_Cerebellar_Hemisphere			
		5.691017814	0.000972966	0.307403854	-2.359998921	-0.26529832
		-1.53347232	0.655281373	5	0	0.9738951
SEC22C	ENSG00000093183.13	0.181834872		12	4	0.030079481
	Brain_Putamen_basal_ganglia	0.818960397	Brain_Cerebellar_Hemisphere			
		9.177895886	1.03E-09	0.309726896	-2.169042187	-0.228882301
		-1.6199216	0.732206104	4	0	0.9738951
NBPF14	ENSG00000270629.5	0.1819174		4	4	0.142118573
	Brain_Frontal_Cortex_BA9	0.788786187	Brain_Substantia_nigra			
		1.275797904	0.674201781	0.674201781	-1.336892982	1.467947173
		-0.232116181	1.214507368	4	0	0.9738951
NDUFS2	ENSG00000158864.12	0.181939713		11	7	0.050426318
	Brain_Hypothalamus	0.781746799	Brain_Nucleus_accumbens_basal_ganglia			
		6.314711866	0.002390627	0.287242508	-1.73063801	1.956329784
		-0.369605033	1.260436479	7	0	0.9738951
MALRD1	ENSG00000204740.10	0.181946449		8	4	0.111774464
	Brain_Nucleus_accumbens_basal_ganglia	0.89148742	Brain_Putamen_basal_ganglia			
		6.262629124	0.013664221	0.269312355	0.136422332	1.590267751
		0.765247455	0.575135323	4	0	0.9738951
EIF2B1	ENSG00000111361.12	0.181998625		1	1	0.181998625
	Brain_Cortex	0.181998625	Brain_Cortex	1	1	1
		-1.334626485	-1.334626485	NA	1	0 0.9738951
NACC1	ENSG00000160877.5	0.18204092		1	1	0.18204092
	Brain_Putamen_basal_ganglia1	1	1	1	1	-1.334497333
		-1.334497333	-1.334497333	NA	1	0 0.9738951
PRKAG1	ENSG00000181929.11	0.182061023		1	1	0.182061023
	Brain_Anterior_cingulate_cortex_BA24	0.182061023				
		Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.334435955
		-1.334435955	-1.334435955	NA	1	0 0.9738951
BTBD17	ENSG00000204347.3	0.182096318		2	2	0.078172583
	Brain_Cerebellum	0.561286944	Brain_Cerebellar_Hemisphere	1.016858742		
		0.983141258	0.983141258	-1.761389017	0.580931022	-0.590228998
		1.656270383	2	0	0.9738951	
MIR4458HG	ENSG00000247516.6	0.182366489		2	2	0.065116102
	Brain_Cerebellar_Hemisphere	0.599125684	Brain_Cerebellum	1.304592222		
		0.695407778	0.695407778	-1.844460196	-0.525658239	-1.185059217
		0.932533807	2	0	0.973897072	
PLD4	ENSG00000166428.12	0.182377482		2	2	0.068687131
	Brain_Putamen_basal_ganglia	0.913455722	Brain_Cerebellum	1.103509391		
		0.896490609	0.896490609	-1.820472168	0.108680736	-0.855895716
		1.3641171	2	0	0.973897072	
INTS11	ENSG00000127054.20	0.182525477		7	5	0.009198098
	Brain_Putamen_basal_ganglia	0.36704756	Brain_Anterior_cingulate_cortex_BA24			
		4.990371084	0.009520725	0.284337848	-2.604602213	-0.902017523
		-1.869476693	0.666609219	5	0	0.973897072

NAT1	ENSG00000171428.13	0.182579044	2	2	0.159178136	Brain_Cerebellum
	0.616110338	Brain_Cerebellar_Hemisphere1.414087233			0.585912767	
	0.585912767	-1.40784107	0.501370585		-0.453235243	1.350016508
	2	0	0.973897072			
IL7	ENSG00000104432.13	0.182702073	4	3	0.037337825	Brain_Cerebellum
	0.154798893	Brain_Cortex	3.641195117		0.011267012	0.154561793
	-2.082050855	-1.422783612	-1.766363335		0.274912634	3
	0.973897072					0
COX20	ENSG00000203667.9	0.182749498	2	2	0.067056793	
	Brain_Spinal_cord_cervical_c-1	0.874462256			Brain_Cerebellum1.030334341	
	0.969665659	0.969665659	-0.157993075		1.831293191	0.836650058
	1.406637808	2	0	0.973897072		
SIX1	ENSG00000126778.8	0.182769722	1	1	0.182769722	
	Brain_Caudate_basal_ganglia	0.182769722			Brain_Caudate_basal_ganglia1	1
	1	1.332275357	1.332275357	1.332275357	NA	1
	0.973897072					0
C14orf159	ENSG00000133943.20	0.18282564	1	1	0.18282564	Brain_Cerebellum
	0.18282564	Brain_Cerebellum1	1	1	1.332105145	1.332105145
	1.332105145	NA	1	0	0.973897072	
SEZ6L2	ENSG00000174938.14	0.183000231	2	1	0.158602779	
	Brain_Cerebellar_Hemisphere	0.221413743			Brain_Cerebellum1.954327099	
	0.045672901	1.954327099	-1.409786346		-1.222777508	-1.316281927
	0.132235218	1	0	0.973897072		
LINC02067	ENSG00000240567.1	0.183052381	1	1	0.183052381	
	Brain_Cerebellar_Hemisphere	0.183052381			Brain_Cerebellar_Hemisphere1	1
	1	-1.331415352	-1.331415352	-1.331415352	NA	1
	0.973897072					0
RP11-25O3.1	ENSG00000266335.1	0.183110594	2	2	0.070798901	
	Brain_Nucleus_accumbens_basal_ganglia	0.684406914			Brain_Frontal_Cortex_BA9	
	1.024754697	0.975245303	0.975245303		-1.806765176	-0.406456907
	-1.106611042	0.990167473	2	0	0.973897072	
CHPF2	ENSG00000033100.16	0.183160146	3	3	0.092905155	
	Brain_Nucleus_accumbens_basal_ganglia	0.591490289			Brain_Cortex	
	2.325059038	0.197938587	0.197938587		-1.680268149	-0.536677662
	-1.058697398	0.57825825	3	0	0.973897072	
SLC2A3	ENSG00000059804.15	0.183203173	1	1	0.183203173	
	Brain_Cerebellum	0.183203173			Brain_Cerebellum1	1
	1.33095696	1.33095696	NA	1	0	0.973897072
NCKAP5L	ENSG00000167566.16	0.183252932	1	1	0.183252932	
	Brain_Putamen_basal_ganglia	0.183252932			Brain_Putamen_basal_ganglia1	1
	1	-1.330805759	-1.330805759	-1.330805759	NA	1
	0.973897072					0
RHD	ENSG00000187010.19	0.183279638	13	4	0.073215607	
	Brain_Caudate_basal_ganglia	0.833523763			Brain_Amygdala	9.887914048
	0.011983401	0.4698271	-0.642717996		1.791484329	1.272224184
	0.716093518	4	0	0.973897072		
RP11-51G5.1	ENSG00000230852.1	0.183312053	1	1	0.183312053	
	Brain_Hypothalamus	0.183312053			Brain_Hypothalamus	1
	-1.330626152	-1.330626152	-1.330626152	NA	1	0
						0.973897072
RP4-668E10.4	ENSG00000278254.4	0.183365242	3	3	0.038927928	
	Brain_Caudate_basal_ganglia	0.273793064			Brain_Nucleus_accumbens_basal_ganglia	
	2.378347915	0.122456896	0.122456896		1.094369251	2.064947919
	1.598375414	0.486370946	3	0	0.973897072	
OCEL1	ENSG00000099330.8	0.183401309	12	4	0.024977751	
	Brain_Putamen_basal_ganglia	0.539573209			Brain_Anterior_cingulate_cortex_BA24	
	9.674742261	0.009398621	0.422305235		-2.241746651	-0.61345851
	-1.412213414	0.409772312	4	0	0.973897072	
C10orf142	ENSG00000277288.3	0.183419254	7	3	0.107006802	
	Brain_Putamen_basal_ganglia	0.886772563			Brain_Anterior_cingulate_cortex_BA24	
	5.564067438	0.032508438	0.330233846		-1.611793873	-0.142389237
	-0.98939773	0.576071199	3	0	0.973897072	
C7orf57	ENSG00000164746.13	0.183617823	1	1	0.183617823	

	Brain_Nucleus_accumbens_basal_ganglia	0.183617823						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.329697911			
	-1.329697911	-1.329697911	NA	1	0	0.974222538		
PBX4	ENSG00000105717.13	0.183619815	1	1	0.183619815		Brain_Cerebellum	
	0.183619815	Brain_Cerebellum	1	1	1.329691868		1.329691868	
	1.329691868	NA	1	0	0.974222538			
ETNK1	ENSG00000139163.15	0.183876793	1	1	0.183876793		Brain_Amygdala	
	0.183876793	Brain_Amygdala	1	1	1	-1.328912641	-1.328912641	
	-1.328912641	NA	1	0	0.974933956			
TMEM177	ENSG00000144120.12	0.183893268	6	3	0.129778449			
	Brain_Amygdala	0.988603987			Brain_Putamen_basal_ganglia	4.400391779		
	0.005157264	0.462310024			0.01428327	1.514976129	1.014216346	
	0.535921941	3	0	0.974933956				
RP11-446H18.6	ENSG00000272597.1	0.184151826	2	2	0.104190005			
	Brain_Amygdala	0.306400763			Brain_Cerebellar_Hemisphere	1.101437859		
	0.898562141	0.898562141			1.022803499	1.624871204	1.323837351	
	0.425726157	2	0	0.975276323				
NT5DC3	ENSG00000111696.11	0.184177707	6	6	0.05916232		Brain_Cortex	
	0.780755591	Brain_Amygdala	2.112046654		0.366133037		0.366133037	
	-1.530001082	1.886985173	0.201881667		1.375252299	6	0	
	0.975276323							
LINC00165	ENSG00000261706.1	0.184453833	4	4	0.091159929			
	Brain_Caudate_basal_ganglia	0.622782465			Brain_Substantia_nigra			
	1.974945653	0.398131857	0.398131857		-0.813168803	1.68931057		
	0.512853573	1.02825063	4	0	0.975276323			
RP11-734K23.9	ENSG00000277701.4	0.184562845	1	1	0.184562845			
	Brain_Nucleus_accumbens_basal_ganglia	0.184562845						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.326836283			
	1.326836283	1.326836283	NA	1	0	0.975276323		
MAP1B	ENSG00000131711.14	0.184598795	10	5	0.027560675			
	Brain_Hypothalamus	0.820510751			Brain_Frontal_Cortex_BA9	6.547097454		
	0.023971899	0.407248865	-0.232792093		2.203483701	0.776233542		
	0.692444276	5	0	0.975276323				
DDTL	ENSG00000099974.7	0.184614098	4	4	0.292395426		Brain_Cerebellum	
	0.962281982	Brain_Putamen_basal_ganglia	2.148424572		0.123603292			
	0.123603292	-1.052881238	0.047290145		-0.589098327	0.467317362		
	4	0	0.975276323					
TC2N	ENSG00000165929.12	0.18477102	12	2	0.13328204			
	Brain_Nucleus_accumbens_basal_ganglia	0.853632937			Brain_Putamen_basal_ganglia			
	10.52768891	0.001136415	0.497014873		0.184485072	1.501284313		
	0.995967197	0.391473821	2	0	0.975276323			
RHOA	ENSG00000067560.10	0.184775973	3	3	0.05232267		Brain_Hippocampus	
	0.650373887	Brain_Caudate_basal_ganglia	1.504996587		0.533774631			
	0.533774631	0.453242841	1.940469395		1.24719339	0.748707038	3	
	0	0.975276323						
PCDHB9	ENSG00000177839.6	0.18514416	1	1	0.18514416			
	Brain_Cerebellar_Hemisphere	0.18514416	Brain_Cerebellar_Hemisphere	1	1	1		
	1.325081383	1.325081383	1.325081383	NA	1	0	0.975276323	
KDEL2	ENSG00000136240.9	0.185166558	3	3	0.352787034			
	Brain_Cerebellar_Hemisphere	0.840407646			Brain_Cerebellum	1.861232058		
	0.140788878	0.140788878	-0.929196939		0.201372079	-0.449317518		
	0.584318974	3	0	0.975276323				
RP11-303E16.7	ENSG00000245059.2	0.185211515	1	1	0.185211515			
	Brain_Putamen_basal_ganglia	0.185211515	Brain_Putamen_basal_ganglia	1	1			
	1	-1.324878313	-1.324878313	-1.324878313	NA	1	0	
	0.975276323							
IFITM3	ENSG00000142089.15	0.185211764	5	3	0.155320235			
	Brain_Hypothalamus	0.281481796	Brain_Amygdala	3.000907921		1.04E-16		
	0.96404637	-1.420988044	1.076996574		-0.843777814	1.075205498	3	
	0	0.975276323						
GLIS3	ENSG00000107249.21	0.185345006	1	1	0.185345006			
	Brain_Putamen_basal_ganglia	0.185345006	Brain_Putamen_basal_ganglia	1	1			

	1	1.324476008	1.324476008	1.324476008	NA	1	0	
		0.975276323						
LDB3	ENSG00000122367.19	0.185362407	4	4	0.056942543			
	Brain_Cerebellar_Hemisphere	0.263009559			Brain_Nucleus_accumbens_basal_ganglia			
	2.451478392	0.137826331	0.137826331	-1.903751598	1.738377167			
	0.574152464	1.671651076	4	0	0.975276323			
TTF2	ENSG00000116830.11	0.185364873	13	2	0.054893693		Brain_Cerebellum	
	0.119146413	Brain_Spinal_cord_cervical_c-1	12.07897888	2.91E-05				
	0.453604648	-1.919716703	-1.558366415	-1.714507125	0.110505142			
	2	0	0.975276323					
AP001	628.7	ENSG00000233754.2	0.185496945	1	1	0.185496945		
	Brain_Cerebellar_Hemisphere	0.185496945			Brain_Cerebellar_Hemisphere1	1	1	
	1	1.324018366	1.324018366	1.324018366	NA	1	0	
		0.975276323						
RP11-266A	24.1	ENSG00000255418.5	0.185596161	2	2	0.43506426		
	Brain_Cerebellar_Hemisphere	0.556903158			Brain_Cerebellum1.721308554			
	0.278691446	0.278691446	-0.780555012	0.587447562	-0.096553725			
	0.967323897	2	0	0.975276323				
Clorf56	ENSG00000143443.9	0.1857074	1	1	0.1857074			
	Brain_Spinal_cord_cervical_c-1	0.1857074			Brain_Spinal_cord_cervical_c-1	1	1	
	1	1	1.323384931	1.323384931	1.323384931	NA	1	0
		0.975276323						
CIPC	ENSG00000198894.7	0.185816563	1	1	0.185816563		Brain_Amygdala	
	0.185816563	Brain_Amygdala	1	1	1	-1.323056579	-1.323056579	
	-1.323056579	NA	1	0	0.975276323			
CSPG5	ENSG00000114646.9	0.186109709	1	1	0.186109709			
	Brain_Frontal_Cortex_BA9	0.186109709			Brain_Frontal_Cortex_BA9	1	1	
	1	-1.322175525	-1.322175525	-1.322175525	NA	1	0	
		0.975276323						
MAPKBP1	ENSG00000137802.13	0.186114218	6	4	0.117261275			
	Brain_Caudate_basal_ganglia	0.992927442			Brain_Nucleus_accumbens_basal_ganglia			
	4.344735893	0.04166316	0.180051225	-1.566373192	1.247462258			
	-0.217092246	1.02976993	4	0	0.975276323			
NDFIP1	ENSG00000131507.10	0.186204536	1	1	0.186204536			
	Brain_Cerebellum	0.186204536			Brain_Cerebellum1	1	1	-1.321890743
	-1.321890743	-1.321890743	NA	1	0	0.975276323		
AMDHD1	ENSG00000139344.7	0.18635719	8	6	0.099399237			
	Brain_Hippocampus	0.853012342			Brain_Caudate_basal_ganglia	5.29629018		
	0.010805701	0.193165532	-1.647773119	0.812829637	-0.840285513			
	0.827631269	6	0	0.975276323				
CEMIP	ENSG00000103888.16	0.186363613	3	3	0.037694101			
	Brain_Cerebellar_Hemisphere	0.986523385			Brain_Cerebellum1.095819644			
	0.940743239	0.940743239	-0.016891236	2.078165686	0.893708652			
	1.07404105	3	0	0.975276323				
ClQA	ENSG00000173372.16	0.186391722	2	2	0.11220583		Brain_Cortex	
	0.391927229	Brain_Nucleus_accumbens_basal_ganglia	1.03657955	0.96342045				
	0.96342045	-0.856127555	1.588356136	0.36611429	1.728510994	2	0	
		0.975276323						
CRIP1	ENSG00000213145.9	0.186424677	2	2	0.100017399			
	Brain_Frontal_Cortex_BA9	0.544142764			Brain_Cortex	1.119450674		
	0.880549326	0.880549326	-1.644769284	-0.606560284	-1.125664784			
	0.734124624	2	0	0.975276323				
CRISPLD1	ENSG00000121005.8	0.186447217	3	3	0.18797595		Brain_Amygdala	
	0.618165304	Brain_Cortex	1.905999519	0.131495976	0.131495976			
	-1.041362047	1.316590426	0.257893549	1.197241137	3	0		
		0.975276323						
MTHFS	ENSG00000103248.18	0.186461984	7	7	0.062540224			
	Brain_Nucleus_accumbens_basal_ganglia	0.399864979			Brain_Frontal_Cortex_BA9			
	2.5505842	0.086846903	0.086846903	-1.831865628	1.862446189			
	-0.575482214	1.372324329	7	0	0.975276323			
LINC01411	ENSG00000249306.5	0.186553532	2	2	0.246039182			
	Brain_Cerebellar_Hemisphere	0.968036116			Brain_Cerebellum1.760102818			

	0.239897182	0.239897182	-1.160023639	0.040071509	-0.559976065		
	0.848595417	2	0	0.975276323			
HID1	ENSG00000167861.15	0.186641403	1	1	0.186641403		
	Brain_Anterior_cingulate_cortex_BA24	0.186641403					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.320580128		
	1.320580128	1.320580128	NA	1	0	0.975276323	
MTPN	ENSG00000105887.10	0.186652764	2	2	0.123604397		
	Brain_Spinal_cord_cervical_c-1	0.490676044			Brain_Cerebellum	1.185994749	
	0.814005251	0.814005251	0.689233969	1.539819339	1.114526654		
	0.601454684	2	0	0.975276323			
LINC00638	ENSG00000258701.1	0.186689518	9	4	0.042706492		
	Brain_Caudate_basal_ganglia	0.878098963	Brain_Hypothalamus	6.522108656			
	0.002817444	0.284458864	-1.07786689	2.026569171	0.790819984		
	0.857805888	4	0	0.975276323			
PYCR2	ENSG00000143811.18	0.186698983	3	3	0.105441212	Brain_Cerebellum	
	0.295819393	Brain_Cortex	1.164307112	0.888343591	0.888343591		
	-1.349492669	1.619028126	-0.258635039	1.633195071	3	0	
	0.975276323						
CD2	ENSG00000116824.4	0.186831995	1	1	0.186831995		
	Brain_Substantia_nigra	0.186831995	Brain_Substantia_nigra	1	1		
	1	1.320009054	1.320009054	1.320009054	NA	1	0
	0.975276323						
ACP5	ENSG00000102575.10	0.186860104	4	3	0.033931589		
	Brain_Hypothalamus	0.096967934	Brain_Cerebellum	3.540945875	0.04947553		
	0.139026801	-2.120883723	-1.659734211	-1.882837661	0.20549638	3	
	0	0.975276323					
RPP25L	ENSG00000164967.9	0.187054894	6	6	0.295991307		
	Brain_Cerebellum	0.897484205	Brain_Cortex	3.776086298	0.21634124		
	0.21634124	-1.023370385	1.045068509	-0.066809227	0.728978372	6	
	0	0.975276323					
PITPNM3	ENSG00000091622.15	0.187119542	6	6	0.032933258		
	Brain_Putamen_basal_ganglia	0.740369903	Brain_Cerebellar_Hemisphere				
	1.800924915	0.30347401	0.30347401	-2.13289601	1.550736673		
	0.394477759	1.332284155	6	0	0.975276323		
BTNL2	ENSG00000204290.10	0.187183522	5	5	0.006896939		
	Brain_Hippocampus	0.788871057	Brain_Cerebellar_Hemisphere	2.406916966			
	0.13343824	0.13343824	-2.701779965	-0.267776894	-1.414744839		
	0.884633858	5	0	0.975276323			
CELF1	ENSG00000149187.17	0.187192724	1	1	0.187192724		
	Brain_Frontal_Cortex_BA9	0.187192724	Brain_Frontal_Cortex_BA9	1	1		
	1	1.318929377	1.318929377	1.318929377	NA	1	0
	0.975276323						
ABRACL	ENSG00000146386.7	0.187235636	4	4	0.025254303		
	Brain_Caudate_basal_ganglia	0.658031331	Brain_Spinal_cord_cervical_c-1				
	2.632521667	0.197497638	0.197497638	0.442632835	2.237490442		
	1.136059178	0.826632543	4	0	0.975276323		
HRASLS	ENSG00000127252.5	0.187295462	3	3	0.083616207		
	Brain_Nucleus_accumbens_basal_ganglia	0.195765684	Brain_Cortex				
	1.681973726	0.302893976	0.302893976	-1.293709787	1.730078745		
	0.628072118	1.670283779	3	0	0.975276323		
NT5C2	ENSG00000076685.18	0.187359609	4	4	0.01528108	Brain_Cerebellum	
	0.554762852	Brain_Substantia_nigra	2.502774018	0.264885668			
	0.264885668	-2.425648077	-0.590638217	-1.625801912	0.765408933		
	4	0	0.975276323				
DYNC1I2	ENSG00000077380.15	0.187375125	4	4	0.090033457		
	Brain_Cerebellar_Hemisphere	0.466825358	Brain_Cerebellum	2.08769732			
	0.124040789	0.124040789	0.727654094	1.695221251	1.229049101		
	0.440127279	4	0	0.975276323			
STRAP	ENSG00000023734.10	0.187418148	2	2	0.172294523		
	Brain_Cerebellar_Hemisphere	0.226416538	Brain_Nucleus_accumbens_basal_ganglia				
	1.006836036	0.993163964	0.993163964	1.209641367	1.364868058		
	1.287254712	0.109761846	2	0	0.975276323		

VPS37D	ENSG00000176428.5	0.187662605	2	2	0.075206202			
	Brain_Putamen_basal_ganglia	0.494964325			Brain_Amygdala	1.147279467		
	0.852720533	0.852720533	0.682434376	1.779204736	1.230819556			
	0.775533759	2	0	0.975276323				
ZNF746	ENSG00000181220.15	0.187668642	3	3	0.034181547			
	Brain_Cortex	0.850017766			Brain_Caudate_basal_ganglia	1.375924428		
	0.63187135	0.63187135	-2.117923498	0.658459074	-0.423456222			
	1.486098918	3	0	0.975276323				
SNTG1	ENSG00000147481.14	0.187735915	2	2	0.352670185			
	Brain_Cerebellar_Hemisphere	0.930169002			Brain_Cerebellum	1.88462892	0.11537108	
	0.11537108	0.087632209	0.929422475	0.508527342	0.595235605	2		
	0	0.975276323						
C14orf180	ENSG00000184601.10	0.187923009	7	7	0.028384107			
	Brain_Hypothalamus	0.821759486			Brain_Nucleus_accumbens_basal_ganglia			
	2.15008257	0.139481939	0.139481939	-2.191936288	0.514349818			
	-1.001295386	1.139696011	7	0	0.975276323			
UBE2J1	ENSG00000198833.6	0.187946998	2	2	0.073105814			
	Brain_Cerebellar_Hemisphere	0.194459979			Brain_Cerebellum	1.55590194	0.44409806	
	0.44409806	-1.79216953	-1.297497749	-1.54483364	0.349785771	2		
	0	0.975276323						
IGFBPL1	ENSG00000137142.4	0.188013366	7	7	0.027925043			
	Brain_Nucleus_accumbens_basal_ganglia	0.890036717			Brain_Putamen_basal_ganglia			
	2.095889868	0.36436656	0.36436656	-1.575601159	2.198337793			
	0.188563467	1.177955226	7	0	0.975276323			
RP1-90K10.4	ENSG00000232598.2	0.188021937	1	1	0.188021937			
	Brain_Spinal_cord_cervical_c-1	0.188021937			Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.316453317	1.316453317	NA	1	0
	0.975276323							
WDR64	ENSG00000162843.17	0.188027729	2	2	0.105309751			Brain_Cortex
	0.36943307	Brain_Frontal_Cortex_BA9	1.839027464	0.160972536				
	0.160972536	0.897535818	1.619639446	1.258587632	0.510604372			
	2	0	0.975276323					
RNF170	ENSG00000120925.15	0.188070401	4	4	0.05164262			
	Brain_Spinal_cord_cervical_c-1	0.880484835			Brain_Cerebellum	1.401024277		
	0.585732301	0.585732301	-0.277303904	1.946100908	0.667342636			
	1.069277573	4	0	0.975276323				
RP11-44N11.2	ENSG00000272384.1	0.188098545	2	2	0.126674613			
	Brain_Caudate_basal_ganglia	0.266046165			Brain_Cerebellar_Hemisphere			
	1.072321225	0.927678775	0.927678775	-1.112213964	1.527347545			
	0.207566791	1.866451842	2	0	0.975276323			
PLCH1	ENSG00000114805.16	0.188099683	6	6	0.038712148			
	Brain_Nucleus_accumbens_basal_ganglia	0.758053389			Brain_Amygdala			
	1.487836945	0.55825791	0.55825791	-1.463611023	2.067233595			
	-0.109875878	1.370115992	6	0	0.975276323			
HBM	ENSG00000206177.6	0.188269516	1	1	0.188269516			
	Brain_Hippocampus	0.188269516			Brain_Hippocampus	1	1	1
	1.315715602	1.315715602	1.315715602	NA	1	0	0.975276323	
BMP8B	ENSG00000116985.11	0.188654574	4	4	0.202496028			Brain_Cerebellum
	0.71154448	Brain_Frontal_Cortex_BA9	1.831938605	0.333141824				
	0.333141824	-0.905746351	1.274472456	0.298181006	0.900381321			
	4	0	0.975276323					
TAMM41	ENSG00000144559.10	0.188718592	13	3	0.11843513			
	Brain_Nucleus_accumbens_basal_ganglia	0.939637936			Brain_Hippocampus			
	10.43543567	0.006172024	0.502791359	-1.561375707	0.638376888			
	-0.062954552	0.585884461	3	0	0.975276323			
GNB3	ENSG00000111664.10	0.188736701	13	5	0.061914124			
	Brain_Spinal_cord_cervical_c-1	0.875614189			Brain_Hippocampus			
	9.365287545	4.93E-17	0.537263734	-1.866910237	0.156531376			
	-1.015654974	0.536122098	5	0	0.975276323			
AKR7A2	ENSG00000053371.12	0.188943941	1	1	0.188943941			
	Brain_Cerebellar_Hemisphere	0.188943941			Brain_Cerebellar_Hemisphere	1	1	1
	1	-1.313709625	-1.313709625	-1.313709625	NA	1	0	

0.975276323

FKBP15 ENSG00000119321.8 0.189006359 4 4 0.111442809
Brain_Frontal_Cortex_BA9 0.891200879 Brain_Nucleus_accumbens_basal_ganglia
2.223176587 0.329125256 0.329125256 -1.591741458 1.067433643
-0.325486595 1.107353145 4 0 0.975276323

FAM163B ENSG00000196990.8 0.189017258 2 2 0.119752574
Brain_Cerebellar_Hemisphere 0.174564618 Brain_Cerebellum 1.284414833
0.715585167 0.715585167 -1.555812967 -1.357681977 -1.456747472
0.140099767 2 0 0.975276323

GBAS ENSG00000146729.9 0.189026747 8 2 0.159212104 Brain_Cortex
0.907748199 Brain_Cerebellar_Hemisphere 6.28123398 0.00400854 1.314812645
-1.407726391 0.708773617 -0.654023811 0.764222105 2 0
0.975276323

NSMCE3 ENSG00000185115.5 0.189227462 1 1 0.189227462
Brain_Hypothalamus 0.189227462 Brain_Hypothalamus 1 1 1
-1.312867909 -1.312867909 -1.312867909 NA 1 0 0.975276323

FSTL5 ENSG00000168843.13 0.189257011 4 4 0.063939719
Brain_Anterior_cingulate_cortex_BA24 0.765230372 Brain_Hippocampus
1.270490851 0.7691825 0.7691825 -1.357081267 1.852599952
-0.122998682 1.387687508 4 0 0.975276323

SMPD2 ENSG00000135587.8 0.189275153 9 3 0.097330367
Brain_Anterior_cingulate_cortex_BA24 0.718236243 Brain_Cortex
7.163140082 0.005042656 0.449233623 -1.417526143 1.65793609
0.593220599 0.843012685 3 0 0.975276323

VTI1B ENSG00000100568.10 0.189279434 3 3 0.208695033 Brain_Cortex
0.919610691 Brain_Cerebellum 2.143406337 0.136209689 0.136209689
0.100924126 1.257161855 0.759129503 0.594527518 3 0
0.975276323

TIGD2 ENSG00000180346.3 0.189305273 1 1 0.189305273
Brain_Nucleus_accumbens_basal_ganglia 0.189305273
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 1.312637068
1.312637068 1.312637068 NA 1 0 0.975276323

MIR7-3HG ENSG00000176840.11 0.189328189 11 5 0.018968441
Brain_Cerebellar_Hemisphere 0.899729835 Brain_Substantia_nigra
8.054805819 1.34E-09 0.287489166 -0.659534305 2.346150601
1.573369745 0.958912808 5 0 0.975276323

CCT6A ENSG00000146731.10 0.189373889 2 2 0.09693879 Brain_Hypothalamus
0.303666572 Brain_Cortex 1.170366992 0.829633008 0.829633008
-1.659879034 -1.028602353 -1.344240693 0.446380022 2 0
0.975276323

PDCD6 ENSG00000249915.7 0.189401605 3 2 0.189005147 Brain_Cerebellum
0.851666 Brain_Nucleus_accumbens_basal_ganglia 2.700316827 0.070337301
0.229345872 0.186993155 1.313527839 0.796260384 0.568874386
2 0 0.975276323

CDC23 ENSG00000094880.10 0.189435589 2 2 0.19788957 Brain_Cerebellum
0.284829332 Brain_Cortex 1.159939559 0.840060441 0.840060441
-1.287587566 1.069533522 -0.109027022 1.666736306 2 0
0.975276323

STRN3 ENSG00000196792.11 0.189562514 4 4 0.319362674 Brain_Cerebellum
0.940790957 Brain_Caudate_basal_ganglia 2.533930464 0.130817606
0.130817606 -0.995768428 0.53410146 -0.36406427 0.730101212 4
0 0.975276323

VILL ENSG00000136059.14 0.18975867 12 1 0.096419034
Brain_Anterior_cingulate_cortex_BA24 0.780347623 Brain_Cerebellum
11.20456165 7.13E-05 11.20456165 0.278866051 1.662467702
1.253850777 0.381148277 1 0 0.975276323

BAX ENSG00000087088.19 0.189849025 1 1 0.189849025
Brain_Anterior_cingulate_cortex_BA24 0.189849025
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -1.311025865
-1.311025865 -1.311025865 NA 1 0 0.975276323

COMP ENSG00000105664.10 0.189881359 3 2 0.0563875 Brain_Cerebellum
0.561857588 Brain_Amygdala 1.971723232 0.029745872 0.998530896

	-1.908028755	0.580084571	-0.939687685	1.332566788	2	0
	0.975276323					
CEP85L	ENSG00000111860.13	0.190080395	3	3	0.171279847	
	Brain_Cerebellar_Hemisphere	0.551150294		Brain_Cerebellum	1.927079905	
	0.101353827	0.101353827	0.596037323	1.368102972	0.974202365	
	0.386273281	3	0	0.975276323		
MGAT2	ENSG00000168282.5	0.190085625	1	1	0.190085625	Brain_Cortex
	0.190085625	Brain_Cortex	1	1	1	-1.310325854
	-1.310325854	NA	1	0	0.975276323	-1.310325854
STIM1	ENSG00000167323.11	0.190102376	2	2	0.484656711	Brain_Cerebellum
	0.701916291	Brain_Cerebellar_Hemisphere	1.822381039	0.177618961		
	0.177618961	-0.382734959	0.698832507	0.158048774	0.764783689	
	2	0	0.975276323			
DFFA	ENSG00000160049.11	0.190138303	1	1	0.190138303	Brain_Cerebellum
	0.190138303	Brain_Cerebellum	1	1	1	-1.310170087
	-1.310170087	NA	1	0	0.975276323	-1.310170087
WDR78	ENSG00000152763.16	0.19023732	2	2	0.163862308	
	Brain_Caudate_basal_ganglia	0.257778057		Brain_Nucleus_accumbens_basal_ganglia		
	1.030770072	0.969229928	0.969229928	-1.392198463	-1.131658449	
	-1.261928456	0.18422961	2	0	0.975276323	
NANS	ENSG00000095380.10	0.19028966	2	2	0.102857112	
	Brain_Anterior_cingulate_cortex_BA24	0.512299571		Brain_Cerebellar_Hemisphere		
	1.093315606	0.906684394	0.906684394	0.655261241	1.631157396	
	1.143209318	0.690062789	2	0	0.975276323	
L3MBTL1	ENSG00000185513.14	0.190310826	2	2	0.07521896	Brain_Cerebellum
	0.272732709	Brain_Cerebellar_Hemisphere	1.41668112	0.58331888	0.58331888	
	-1.779126896	-1.096791129	-1.437959012	0.482484248	2	0
	0.975276323					
AHCTF1	ENSG00000153207.14	0.190338396	3	3	0.091129424	
	Brain_Caudate_basal_ganglia	0.62390589	Brain_Amygdala	1.123387715		
	0.922785403	0.922785403	-1.689469857	0.490322242	-0.799408771	
	1.143536374	3	0	0.975276323		
ZNF579	ENSG00000218891.4	0.190404676	1	1	0.190404676	
	Brain_Spinal_cord_cervical_c-1	0.190404676		Brain_Spinal_cord_cervical_c-1		
	1	1	1	1.309382914	1.309382914	NA
	0.975276323				1	0
ZNF18	ENSG00000154957.13	0.190465867	2	1	0.164968275	
	Brain_Caudate_basal_ganglia	0.227394455		Brain_Putamen_basal_ganglia		
	1.965393847	0.034606153	1.965393847	1.207097869	1.388554454	
	1.297826161	0.128309182	1	0	0.975276323	
SLC35A3	ENSG00000117620.14	0.190564489	2	1	0.184890609	
	Brain_Cortex	0.205865019		Brain_Cerebellar_Hemisphere	1.95902037	0.04097963
	1.95902037	-1.325846314	-1.265017599	-1.295431956	0.043012397	1
	0	0.975276323				
RERG	ENSG00000134533.6	0.190587632	1	1	0.190587632	Brain_Cerebellum
	0.190587632	Brain_Cerebellum	1	1	1	-1.308842722
	-1.308842722	NA	1	0	0.975276323	-1.308842722
ERICH4	ENSG00000204978.2	0.190680513	1	1	0.190680513	
	Brain_Cerebellum	0.190680513		Brain_Cerebellum	1	1
	-1.308568631	-1.308568631	NA	1	0	0.975276323
FAM26F	ENSG00000188820.12	0.190702504	9	6	0.197152013	
	Brain_Cortex	0.97247575	Brain_Nucleus_accumbens_basal_ganglia	5.74646336		
	0.041189578	0.258955095	-1.289708138	1.164996977	-0.00360919	
	0.893452895	6	0	0.975276323		
RP11-480A16.1	ENSG00000260261.1	0.190745208	6	6	0.073338649	
	Brain_Cortex	0.815417391		Brain_Cerebellum	2.168446221	0.208613878
	0.208613878	-1.790717442	1.263097453	0.108230554	1.133601829	
	6	0	0.975276323			
MEIS1	ENSG00000143995.19	0.190759784	4	3	0.096407185	Brain_Cortex
	0.788807087	Brain_Amygdala	1.984655814	0.048600833	0.934469164	
	0.267859996	1.662526848	1.200620086	0.631330206	3	0
	0.975276323					

TNFRSF17	ENSG00000048462.10	0.190775243	5	5	0.028929593				
	Brain_Nucleus_accumbens_basal_ganglia	0.495641429				Brain_Cerebellum			
	2.675556917	0.105337121	0.105337121		-1.245990879	2.184444606			
	1.080927429	1.423951346	5	0	0.975276323				
ARHGEF37	ENSG00000183111.11	0.190802379	3	3	0.423326731				
	Brain_Nucleus_accumbens_basal_ganglia	0.918958797							
	Brain_Anterior_cingulate_cortex_BA24	2.644466772			0.111118313				
	0.111118313	-0.306441231	0.800663063		0.198655731	0.559878285			
	3	0	0.975276323						
SEMA3C	ENSG00000075223.13	0.190835765	4	4	0.048169596				
	Brain_Nucleus_accumbens_basal_ganglia	0.552635012				Brain_Amygdala			
	1.775091151	0.538668286	0.538668286		-1.975869178	0.593816261			
	-1.179555414	1.211271337	4	0	0.975276323				
FER1L5	ENSG00000249715.10	0.190916649	1	1	0.190916649				
	Brain_Nucleus_accumbens_basal_ganglia	0.190916649							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.307872234				
	1.307872234	1.307872234	NA	1	0	0.975276323			
Clorf109	ENSG00000116922.14	0.190932644	5	3	0.031348028				
	Brain_Cortex	0.179071026	Brain_Amygdala	4.484746479	0.009821323				
	0.153078659	-2.152626712	-1.343620844		-1.812230492	0.317855803			
	3	0	0.975276323						
STK17B	ENSG00000081320.10	0.1909885	1	1	0.1909885	Brain_Hypothalamus			
	0.1909885	Brain_Hypothalamus	1	1	1	1.30766046	1.30766046	1.30766046	
	NA	1	0	0.975276323					
GPR153	ENSG00000158292.6	0.19113734	3	2	0.161951039				
	Brain_Putamen_basal_ganglia	0.209079721	Brain_Cortex	1.98595211					
	0.020323145	0.993724745	1.256099987		1.398539769	1.338283202			
	0.073707912	2	0	0.975276323					
SLC35B3	ENSG00000124786.9	0.191200654	3	3	0.096693114				
	Brain_Cerebellum	0.938929259	Brain_Cerebellar_Hemisphere	1.866213044					
	0.51714689	0.51714689	-0.586928479	1.661101246	0.332519018				
	1.178538431	3	0	0.975276323					
SMAD5	ENSG00000113658.16	0.191305478	1	1	0.191305478				
	Brain_Spinal_cord_cervical_c-1	0.191305478	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-1.306726905	-1.306726905	-1.306726905	NA	1	0
	0.975276323								
PDE4DIP	ENSG00000178104.19	0.191337936	5	5	0.09222856				
	Brain_Anterior_cingulate_cortex_BA24	0.410881952							
	Brain_Nucleus_accumbens_basal_ganglia	1.896006679			0.162898564				
	0.162898564	-1.683757417	1.156918435		-0.416861436	1.30911001	5		
	0	0.975276323							
TGS1	ENSG00000137574.10	0.191384757	2	2	0.069494006				
	Brain_Nucleus_accumbens_basal_ganglia	0.887850766	Brain_Hippocampus						
	1.017332919	0.982667081	0.982667081		-1.815194623	-0.141024275			
	-0.978109449	1.183817206	2	0	0.975276323				
SIGLEC10	ENSG00000142512.14	0.191388097	6	5	0.029517854				
	Brain_Cortex	0.677957774	Brain_Substantia_nigra	2.399251307					
	0.002338775	0.741274854	-0.415251538	2.176500536	1.065957852				
	1.012156464	5	0	0.975276323					
DLC1	ENSG00000164741.14	0.191447451	1	1	0.191447451				
	Brain_Nucleus_accumbens_basal_ganglia	0.191447451							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.306309137				
	1.306309137	1.306309137	NA	1	0	0.975276323			
RP11-326C3.13	ENSG00000270030.1	0.191534367	4	4	0.10227563				
	Brain_Putamen_basal_ganglia	0.780707097	Brain_Amygdala	1.314636055					
	0.725516336	0.725516336	-0.278397684	1.633920091	0.987091884				
	0.862308614	4	0	0.975276323					
CELSR3	ENSG00000008300.16	0.191587381	1	1	0.191587381				
	Brain_Amygdala	0.191587381	Brain_Amygdala	1	1	1	1.305897605		
	1.305897605	1.305897605	NA	1	0	0.975276323			
SLC25A35	ENSG00000125434.10	0.19169886	2	2	0.167563126	Brain_Cerebellum			
	0.815702972	Brain_Cerebellar_Hemisphere	1.548018998		0.451981002				

	0.451981002	-0.233075252	1.380076389	0.573500569	1.140670464
	2	0	0.975276323		
STAC	ENSG00000144681.10	0.191717393	3	3	0.032009679
	Brain_Putamen_basal_ganglia	0.981904367		Brain_Cerebellum	1.622025242
	0.421667727	0.421667727	-2.144289729	-0.022681458	-0.740813017
	1.215557031	3	0	0.975276323	
ATAD3C	ENSG00000215915.9	0.191726996	13	4	0.010084451
	Brain_Cerebellum	0.984951971		Brain_Anterior_cingulate_cortex_BA24	
	9.889987337	0.004769962	0.370825083	0.018861026	2.572920024
	1.357817344	0.570740903	4	0	0.975276323
CACNG5	ENSG00000075429.8	0.191927336	1	1	0.191927336
	Brain_Cerebellum	0.191927336	Brain_Cerebellum	1	1
	1.304898724	1.304898724	NA	1	0
					0.975276323
ONECUT2	ENSG00000119547.5	0.192128397	2	2	0.069698007
	Brain_Frontal_Cortex_BA9	0.700910423		Brain_Cortex	1.262402711
	0.737597289	0.737597289	-1.813868284	-0.38409178	-1.098980032
	1.011004661	2	0	0.975276323	
MED28	ENSG00000118579.12	0.192144377	10	4	0.062307145
	Brain_Anterior_cingulate_cortex_BA24	0.999675486		Brain_Caudate_basal_ganglia	
	7.636998262	0.00774045	0.292325662	-1.864103683	0.709591587
	-0.1939048	0.718971217	4	0	0.975276323
PTPRC	ENSG00000081237.18	0.192156317	3	3	0.040480518
	Brain_Anterior_cingulate_cortex_BA24	0.77920158		Brain_Frontal_Cortex_BA9	
	1.384318145	0.609018777	0.609018777	-0.36635426	2.048811838
	0.654272414	1.250245927	3	0	0.975276323
DOPEY2	ENSG00000142197.12	0.192194163	4	4	0.086313898
	Brain_Frontal_Cortex_BA9	0.838498323		Brain_Cortex	2.075839563
	0.206896982	0.206896982	-1.715170905	1.086003975	0.022808198
	1.214843686	4	0	0.975276323	
RP11-1055B8.3	ENSG00000262223.6	0.192207206	10	1	0.117603656
	Brain_Putamen_basal_ganglia	0.387659965		Brain_Hippocampus	9.403819158
	8.60E-17	9.403819158	-1.564911524	-0.863868805	-1.262825675
	0.231563104	1	0	0.975276323	
SPATC1L	ENSG00000160284.14	0.19226166	13	4	0.048855664
	Brain_Putamen_basal_ganglia	0.566015759		Brain_Anterior_cingulate_cortex_BA24	
	10.14017545	0.005324886	0.369772	-1.969849127	-0.573929131
	-1.249775969	0.479842481	4	0	0.975276323
MRPL38	ENSG00000204316.12	0.192539872	3	3	0.038976969
	Brain_Cerebellum	0.198864602		Brain_Cerebellar_Hemisphere	1.823124409
	0.504912834	0.504912834	-2.064429956	-1.284793078	-1.61221979
	0.404520207	3	0	0.975276323	
RP11-250B2.5	ENSG00000260645.1	0.192557734	6	4	0.061740567
	Brain_Hippocampus	0.896922048		Brain_Putamen_basal_ganglia	4.306822641
	0.051656553	0.289839681	-1.868154298	0.542098653	-0.402920466
	0.798932959	4	0	0.975276323	
HAVCR2	ENSG00000135077.8	0.192704209	1	1	0.192704209
	Brain_Nucleus_accumbens_basal_ganglia	0.192704209			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.302620929
	-1.302620929	-1.302620929	NA	1	0
					0.975276323
GOLGA1	ENSG00000136935.13	0.192830691	1	1	0.192830691
	Brain_Cerebellum	0.192830691		Brain_Cerebellum	1
	-1.302250723	-1.302250723	NA	1	0
					0.975276323
LSM11	ENSG00000155858.5	0.192910132	1	1	0.192910132
	Brain_Spinal_cord_cervical_c-1	0.192910132		Brain_Spinal_cord_cervical_c-1	
	1	1	1	1.302018294	1.302018294
					1.302018294
					NA
					1
					0
					0.975276323
ITGB3	ENSG00000259207.7	0.192968195	2	2	0.086707172
	Brain_Substantia_nigra	0.101501939		Brain_Anterior_cingulate_cortex_BA24	
	1.711083284	0.288916716	0.288916716	1.637615447	1.713029176
	1.675322312	0.053325559	2	0	0.975276323
CHID1	ENSG00000177830.17	0.192996083	1	1	0.192996083
	Brain_Cerebellum	0.192996083		Brain_Cerebellum	
	0.192996083	Brain_Cerebellum	1	1	1
					-1.301766896
					-1.301766896

	-1.301766896	NA	1	0	0.975276323				
FBXO45	ENSG00000174013.7			0.193024191	1	1	0.193024191		
	Brain_Cerebellum	0.193024191		Brain_Cerebellum	1	1	1	-1.301684702	
	-1.301684702	-1.301684702	NA	1	0	0.975276323			
SLC7A2	ENSG00000003989.17			0.1930274	1	1	0.1930274	Brain_Hippocampus	
	0.1930274	Brain_Hippocampus		1	1	1	1.301675321	1.301675321	
	1.301675321	NA	1	0	0.975276323				
CDK11B	ENSG00000248333.8			0.193158505	3	3	0.041325382		
	Brain_Cerebellar_Hemisphere	0.87209276	Brain_Substantia_nigra					1.48637822	
	0.542716744	0.542716744	0.161000813			2.040250499		1.200806736	
	0.955512214	3	0	0.975276323					
NUDT21	ENSG00000167005.13			0.193160665	1	1	0.193160665		
	Brain_Hypothalamus	0.193160665	Brain_Hypothalamus		1	1	1		
	-1.301285744	-1.301285744	-1.301285744	NA	1	0	0.975276323		
BBS9	ENSG00000122507.20			0.193244755	10	4	0.288804444		
	Brain_Anterior_cingulate_cortex_BA24	0.996036652	Brain_Putamen_basal_ganglia						
	7.986736541	1.15E-16	0.320900718			-1.023940652	1.06074799	0.22398386	
	0.574353608	4	0	0.975276323					
RRP1	ENSG00000160214.12			0.193257438	3	3	0.056960597	Brain_Cortex	
	0.495125865	Brain_Anterior_cingulate_cortex_BA24	1.455029559						
	0.545854742	0.545854742	-0.917357853			1.903613054		0.101358783	
	1.565221274	3	0	0.975276323					
ERLIN1	ENSG00000107566.13			0.193394195	2	2	0.070146684		
	Brain_Cerebellar_Hemisphere	0.34471354	Brain_Hippocampus				1.482883539		
	0.517116461	0.517116461	-1.810962323			-0.944892933		-1.377927628	
	0.612403538	2	0	0.975276323					
BRD9	ENSG00000028310.17			0.193493225	4	2	0.080855714	Brain_Cerebellum	
	0.601692072	Brain_Anterior_cingulate_cortex_BA24	3.467935208						
	0.045364521	0.382657598	-1.745742458			-0.521968775		-1.295541614	
	0.538764257	2	0	0.975276323					
KCNA1	ENSG00000111262.5			0.193526815	2	2	0.150880876	Brain_Amygdala	
	0.281994721	Brain_Spinal_cord_cervical_c-1	1.0202406	0.9797594	0.9797594				
	-1.436426996	1.075849163	-0.180288916			1.776447508	2	0	
	0.975276323								
LSM2	ENSG00000204392.10			0.193538529	1	1	0.193538529		
	Brain_Hippocampus	0.193538529	Brain_Hippocampus		1	1	1		
	-1.300182201	-1.300182201	-1.300182201	NA	1	0	0.975276323		
RP11-399E6.1	ENSG00000235358.1			0.193653822	4	2	0.036304707		
	Brain_Cerebellar_Hemisphere	0.163641963	Brain_Putamen_basal_ganglia						
	3.645872736	0.036148554	0.257058589			-2.093498177		-1.39292668	
	-1.673926757	0.303475171	2	0	0.975276323				
PPAN	ENSG00000130810.19			0.193694052	1	1	0.193694052		
	Brain_Frontal_Cortex_BA9	0.193694052	Brain_Frontal_Cortex_BA9		1	1			
	1	1.299728461	1.299728461	1.299728461	NA	1	0		
	0.975276323								
SCN3B	ENSG00000166257.8			0.193757852	1	1	0.193757852		
	Brain_Cerebellar_Hemisphere	0.193757852	Brain_Cerebellar_Hemisphere		1	1			
	1	1.299542402	1.299542402	1.299542402	NA	1	0		
	0.975276323								
CCDC174	ENSG00000154781.15			0.193855345	13	1	0.132748521		
	Brain_Nucleus_accumbens_basal_ganglia	0.323098458	Brain_Hypothalamus						
	12.42651931	0.001020078	12.42651931			0.988110654		1.503351132	
	1.267684082	0.196073483	1	0	0.975276323				
CLIP2	ENSG00000106665.15			0.193908362	1	1	0.193908362	Brain_Cerebellum	
	0.193908362	Brain_Cerebellum	1	1	1	1.299103646		1.299103646	
	1.299103646	NA	1	0	0.975276323				
NUDT15	ENSG00000136159.3			0.19395256	3	2	0.107665303		
	Brain_Spinal_cord_cervical_c-1	0.364475656	Brain_Cerebellum				1.987026917		
	0.035873195	0.977099888	-1.608776126			1.087193717		0.128429129	
	1.507163147	2	0	0.975276323					
STK32C	ENSG00000165752.16			0.194147652	4	4	0.015658137		
	Brain_Putamen_basal_ganglia	0.614323252	Brain_Nucleus_accumbens_basal_ganglia						

	2.415635217	0.245460288	0.245460288	0.503911951	2.416787931
	1.169665707	0.850213849	4 0	0.975276323	
BCDIN3D	ENSG00000186666.5	0.194267551	1 1	0.194267551	
	Brain_Cerebellum	0.194267551	Brain_Cerebellum	1 1	1.298057576
	1.298057576	1.298057576	NA 1	0	0.975276323
LRRC41	ENSG00000132128.16	0.194310472	1 1	0.194310472	
	Brain_Putamen_basal_ganglia	0.194310472	Brain_Putamen_basal_ganglia	1 1	1
	1	1.297932673	1.297932673	1.297932673	NA 1 0
	0.975276323				
ATG16L2	ENSG00000168010.10	0.19438282	1 1	0.19438282	Brain_Cortex
	0.19438282	Brain_Cortex	1 1	1.297722177	1.297722177
	1.297722177	NA 1	0	0.975276323	
RP11-863P13.6	ENSG00000260166.1	0.194568085	1 1	0.194568085	
	Brain_Amygdala	0.194568085	Brain_Amygdala	1 1 1	-1.297183418
	-1.297183418	-1.297183418	NA 1	0	0.975276323
PNPLA2	ENSG00000177666.16	0.194598387	7 7	0.009309263	
	Brain_Nucleus_accumbens_basal_ganglia	0.960811101	Brain_Cerebellar_Hemisphere		
	3.116976967	0.172258292	0.172258292	-2.600483023	1.109023124
	-0.905929284	1.330099286	7 0	0.975276323	
HAPLN4	ENSG00000187664.8	0.1948024	4 3	0.074550897	
	Brain_Caudate_basal_ganglia	0.94855291	Brain_Cerebellum	2.661947708	
	0.049739238	0.40089682	-0.06452411	1.78321755	0.83270782 0.799262671
	3	0	0.975276323		
CLDN11	ENSG00000013297.10	0.194844174	1 1	0.194844174	
	Brain_Cerebellar_Hemisphere	0.194844174	Brain_Cerebellar_Hemisphere	1 1	
	1	-1.296381235	-1.296381235	-1.296381235	NA 1 0
	0.975276323				
ACYP2	ENSG00000170634.12	0.194922416	4 3	0.035548111	Brain_Cortex
	0.631975784	Brain_Caudate_basal_ganglia	2.788687333	0.043895535	
	0.254647683	0.478947772	2.102058967	1.299587837	0.720999951
	3	0	0.975276323		
RP11-693J15.6	ENSG00000277738.1	0.195079404	1 1	0.195079404	
	Brain_Cerebellum	0.195079404	Brain_Cerebellum	1 1 1	1.295698427
	1.295698427	1.295698427	NA 1	0	0.975276323
CEP131	ENSG00000141577.13	0.195186245	4 4	0.043340832	
	Brain_Cerebellar_Hemisphere	0.775528973	Brain_Caudate_basal_ganglia	1.4714581	
	0.559768767	0.559768767	-2.020410437	0.733312738	-0.47380447
	1.141265882	4	0	0.975276323	
TAGAP	ENSG00000164691.16	0.195197675	1 1	0.195197675	
	Brain_Cerebellar_Hemisphere	0.195197675	Brain_Cerebellar_Hemisphere	1 1	
	1	1.295355345	1.295355345	1.295355345	NA 1 0
	0.975276323				
FBXL8	ENSG00000135722.8	0.195212871	1 1	0.195212871	Brain_Cerebellum
	0.195212871	Brain_Cerebellum	1 1	1.295311275	1.295311275
	1.295311275	NA 1	0	0.975276323	
SOX18	ENSG00000203883.6	0.195213379	2 2	0.070721992	
	Brain_Frontal_Cortex_BA9	0.946184928	Brain_Hippocampus	1.018660701	
	0.981339299	0.981339299	-1.807258442	-0.06749841	-0.937378426
	1.230196117	2	0	0.975276323	
PEX5L	ENSG00000114757.18	0.195249034	3 3	0.083928778	
	Brain_Caudate_basal_ganglia	0.172541538	Brain_Putamen_basal_ganglia		
	1.617407491	0.511920963	0.511920963	-1.728331673	-1.364082703
	-1.53525265	0.183110169	3 0	0.975276323	
C6orf48	ENSG00000204387.12	0.195273423	3 3	0.070468244	
	Brain_Caudate_basal_ganglia	0.579145331	Brain_Cerebellum	1.350401802	
	0.698372269	0.698372269	-1.808889034	0.554633558	-0.884691092
	1.263161274	3	0	0.975276323	
KCNH4	ENSG00000089558.8	0.1953142	1 1	0.1953142	Brain_Substantia_nigra
	0.1953142	Brain_Substantia_nigra	1 1	1 1	1.29501748 1.29501748
	1.29501748	NA 1	0	0.975276323	
GMPPB	ENSG00000173540.12	0.195331697	13 1	0.123131488	Brain_Amygdala
	0.399617724	Brain_Caudate_basal_ganglia	12.09189657	0.000203054	

	12.09189657	0.842304159	1.541761801	1.247732268	0.186131943
	1	0	0.975276323		
TBX15	ENSG00000092607.13	0.195405295	1	1	0.195405295
	Brain_Nucleus_accumbens_basal_ganglia	0.195405295			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.294753449
	1.294753449	1.294753449	NA	1	0.975276323
DLEU1	ENSG00000176124.11	0.195468616	1	1	0.195468616
	Brain_Putamen_basal_ganglia	0.195468616			Brain_Putamen_basal_ganglia
	1	-1.294569973	-1.294569973	-1.294569973	NA
	1	0			0
	0.975276323				
RP11-192H23.4	ENSG00000258472.8	0.195474845	5	4	0.045176846
	Brain_Hypothalamus	0.825025324			Brain_Cortex
	0.089804944	0.256004066	0.221086189	2.00300412	0.889702042
	0.777045256	4	0	0.975276323	
TOMM6	ENSG00000214736.7	0.195582517	1	1	0.195582517
	Brain_Spinal_cord_cervical_c-1	0.195582517			Brain_Spinal_cord_cervical_c-1
	1	1	1	1.294240049	1.294240049
	1	1.294240049	1.294240049	1.294240049	NA
	1	0			0
	0.975276323				
POLE3	ENSG00000148229.12	0.195628146	2	2	0.110001053
	Brain_Putamen_basal_ganglia	0.452934854			Brain_Cerebellum
	0.943638376	0.943638376	0.750531176	1.598188407	1.174359792
	0.599384176	2	0	0.975276323	
PPM1M	ENSG00000164088.17	0.195703077	12	3	0.037562053
	Brain_Substantia_nigra	8.513668325			Brain_Cerebellum
	0.953488971	0.012460817			
	0.383703517	-0.910324873	2.079602003	0.457913058	0.962866412
	3	0	0.975276323		
UBE3B	ENSG00000151148.13	0.195750124	3	3	0.058183811
	Brain_Cerebellum	2.581879154			Brain_Cortex
	0.543386913	0.098400958	0.098400958	0.098400958	0.098400958
	0.607699322	1.894310477	1.364725187	0.672784495	3
	0.975276323				0
LTA	ENSG00000226979.8	0.195893894	4	4	0.098047289
	Brain_Cerebellar_Hemisphere	0.810976229			Brain_Cortex
	0.295633549	0.295633549	-0.239166821	1.654394965	0.818596332
	0.824064797	4	0	0.975276323	
SELENOT	ENSG00000198843.12	0.196029892	1	1	0.196029892
	Brain_Frontal_Cortex_BA9	0.196029892			Brain_Frontal_Cortex_BA9
	1	1.29294555	1.29294555	1.29294555	NA
	1	0	0.975276323		
PRPF31	ENSG00000105618.13	0.196034565	2	2	0.208298558
	Brain_Cortex	0.479964814			Brain_Cerebellum
	0.612821161	-0.706359157	1.258257744	0.275949294	0.612821161
	2	0	0.975276323		1.389193933
L3MBTL2	ENSG00000100395.14	0.196062885	10	4	0.12055827
	Brain_Frontal_Cortex_BA9	7.625632673			Brain_Amygdala
	0.293827075	-0.858561712	1.552434601	0.683315799	0.002583853
	4	0	0.975276323		0.766501676
ANO9	ENSG00000185101.12	0.196107496	1	1	0.196107496
	Brain_Putamen_basal_ganglia	0.196107496			Brain_Putamen_basal_ganglia
	1	1.29272122	1.29272122	1.29272122	NA
	1	0	0.975276323		
GPN3	ENSG00000111231.8	0.196240304	1	1	0.196240304
	Brain_Spinal_cord_cervical_c-1	0.196240304			Brain_Spinal_cord_cervical_c-1
	1	1	1	1.292337463	1.292337463
	1	1.292337463	1.292337463	1.292337463	NA
	1	0			0
	0.975276323				
BRF1	ENSG00000185024.16	0.196335373	1	1	0.196335373
	Brain_Putamen_basal_ganglia	0.196335373			Brain_Putamen_basal_ganglia
	1	-1.292062869	-1.292062869	-1.292062869	NA
	1	0			0
	0.975276323				
SBSPON	ENSG00000164764.10	0.196380406	3	3	0.084362561
	Brain_Hippocampus	0.487622891			Brain_Hypothalamus
	0.689290365	0.689290365	-1.725915803	0.96358568	-0.485474905
	1.356833146	3	0	0.975276323	
SLC46A3	ENSG00000139508.14	0.196399152	7	4	0.242060757
	Brain_Substantia_nigra	0.912366549			Brain_Cerebellum
					5.562286758

	0.0136991	0.274543412	-0.8383331	1.169851443	0.219162559				
	0.659711684	4	0	0.975276323					
C2orf80	ENSG00000188674.10		0.196465132	7	7	0.139531613			
	Brain_Hippocampus	0.971534497		Brain_Cortex	4.113503079				
	0.175719874	0.175719874	-1.477537502		0.497455471	-0.454195873			
	0.805572559	7	0	0.975276323					
FLI1	ENSG00000151702.16		0.196483862	1	1	0.196483862			
	Brain_Putamen_basal_ganglia	0.196483862		Brain_Putamen_basal_ganglia	1	1			
	1	-1.291634177	-1.291634177	-1.291634177	NA	1	0		
	0.975276323								
TMEM263	ENSG00000151135.9		0.196526736	1	1	0.196526736			
	Brain_Spinal_cord_cervical_c-1	0.196526736		Brain_Spinal_cord_cervical_c-1					
	1	1	1.291510445	1.291510445	1.291510445	NA	1	0	
	0.975276323								
PLB1	ENSG00000163803.12		0.196645266	4	4	0.168236366			
	Brain_Hippocampus	0.929568954		Brain_Putamen_basal_ganglia	1.368245126				
	0.637054002	0.637054002	-1.175201161		1.377892872	0.381399784			
	1.187388717	4	0	0.975276323					
HPCA	ENSG00000121905.9		0.19665436	1	1	0.19665436	Brain_Cortex	0.19665436	
	Brain_Cortex	1	1	1	1.291142238	1.291142238	1.291142238		
	NA	1	0	0.975276323					
RP11-30K9.6	ENSG00000245975.2		0.196670436	10	9	0.009309072			
	Brain_Spinal_cord_cervical_c-1	0.601522885		Brain_Caudate_basal_ganglia					
	4.981739347	0.092402653	0.183093011		-2.600490045	-0.52221178			
	-1.771332182	0.719132926	9	0	0.975276323				
KHDRBS2	ENSG00000112232.8		0.196770298	3	3	0.031875892			
	Brain_Frontal_Cortex_BA9	0.698169306		Brain_Cerebellar_Hemisphere					
	1.916584644	0.181229077	0.181229077		-2.145963487	-0.387792892			
	-1.338879541	0.887887124	3	0	0.975276323				
COQ3	ENSG00000132423.11		0.196841575	3	3	0.074171124			
	Brain_Nucleus_accumbens_basal_ganglia	0.692398554		Brain_Putamen_basal_ganglia					
	1.692968262	0.425069077	0.425069077		-1.785556326	-0.395602145			
	-1.067701387	0.696105842	3	0	0.975276323				
ACTG2	ENSG00000163017.13		0.19688945	1	1	0.19688945	Brain_Cerebellar_Hemisphere		
	0.19688945	Brain_Cerebellar_Hemisphere	1	1	1	-1.290464444			
	-1.290464444	-1.290464444	NA	1	0	0.975276323			
HELZ2	ENSG00000130589.16		0.196941941	1	1	0.196941941	Brain_Cerebellum		
	0.196941941	Brain_Cerebellum	1	1	1	1.290313185	1.290313185		
	1.290313185	NA	1	0	0.975276323				
DOCK5	ENSG00000147459.17		0.196975514	1	1	0.196975514			
	Brain_Anterior_cingulate_cortex_BA24	0.196975514							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.290216455				
	-1.290216455	-1.290216455	NA	1	0	0.975276323			
PLPP7	ENSG00000160539.4		0.197012171	1	1	0.197012171			
	Brain_Putamen_basal_ganglia	0.197012171		Brain_Putamen_basal_ganglia	1	1			
	1	1.290110855	1.290110855	1.290110855	NA	1	0		
	0.975276323								
SIX3-AS1	ENSG00000236502.1		0.197034419	4	2	0.141709644			
	Brain_Frontal_Cortex_BA9	0.419120099		Brain_Nucleus_accumbens_basal_ganglia					
	2.955216038	0.006847787	0.995044072		-1.469454169	-0.807948727			
	-1.079922214	0.287235886	2	0	0.975276323				
ALOX12B	ENSG00000179477.9		0.197062838	1	1	0.197062838			
	Brain_Putamen_basal_ganglia	0.197062838		Brain_Putamen_basal_ganglia	1	1			
	1	-1.289964921	-1.289964921	-1.289964921	NA	1	0		
	0.975276323								
DSC1	ENSG00000134765.9		0.197396939	3	3	0.040930492	Brain_Cortex		
	0.563278582	Brain_Anterior_cingulate_cortex_BA24	1.688480307						
	0.298166275	0.298166275	-0.577978578		2.04423343	0.813400829			
	1.318457588	3	0	0.976584361					
PLPPR3	ENSG00000129951.18		0.197561124	3	3	0.085865632			
	Brain_Cerebellum	0.6690569	Brain_Cortex	1.162395168	0.81235428	0.81235428			
	0.427442717	1.717621743	1.020088029	0.6514535	3	0			

0.976995006
UGP2 ENSG00000169764.15 0.197619603 2 2 0.148378355
Brain_Nucleus_accumbens_basal_ganglia 0.316637404 Brain_Cortex
1.049489276 0.950510724 0.950510724 -1.001391847 1.445283199
0.221945676 1.730060516 2 0 0.976995006
ST8SIA5 ENSG00000101638.13 0.197733576 2 1 0.18462316 Brain_Cerebellum
0.222994094 Brain_Cerebellar_Hemisphere 1.952442704 0.047557296
1.952442704 -1.326654011 -1.218605149 -1.27262958 0.076402083
1 0 0.977086887
LINC00237 ENSG00000225127.2 0.197903119 1 1 0.197903119
Brain_Cortex 0.197903119 Brain_Cortex 1 1 1 1.287548666
1.287548666 1.287548666 NA 1 0 0.977086887
YWHAZ ENSG00000164924.17 0.197968036 9 2 0.038067004
Brain_Spinal_cord_cervical_c-1 0.375218892
Brain_Anterior_cingulate_cortex_BA24 7.621813724 0.018490906
0.671534872 -2.074132528 -0.886740011 -1.6284672 0.346146934 2
0 0.977086887
BAZ1A ENSG00000198604.10 0.197975065 1 1 0.197975065
Brain_Cerebellar_Hemisphere 0.197975065 Brain_Cerebellar_Hemisphere 1 1
1 1.287342131 1.287342131 1.287342131 NA 1 0
0.977086887
PPFIA2 ENSG00000139220.16 0.198042089 5 5 0.061474106
Brain_Substantia_nigra 0.990104195 Brain_Caudate_basal_ganglia
3.167932444 0.227007101 0.227007101 -0.20905962 1.87006994
0.758825433 0.861446109 5 0 0.977086887
ZEB1 ENSG00000148516.21 0.198115385 1 1 0.198115385
Brain_Putamen_basal_ganglia 0.198115385 Brain_Putamen_basal_ganglia 1 1
1 -1.286939475 -1.286939475 -1.286939475 NA 1 0
0.977086887
APOBR ENSG00000184730.10 0.198174884 1 1 0.198174884 Brain_Cerebellum
0.198174884 Brain_Cerebellum 1 1 1 1.286768802 1.286768802
1.286768802 NA 1 0 0.977086887
ACADM ENSG00000117054.13 0.198259538 3 2 0.057894596
Brain_Nucleus_accumbens_basal_ganglia 0.987092141 Brain_Cerebellum 1.92061011
0.051034553 1.028355337 -1.896495187 -0.016178308 -0.720178511
1.025285341 2 0 0.977086887
MPDU1 ENSG00000129255.15 0.198266719 1 1 0.198266719
Brain_Cerebellar_Hemisphere 0.198266719 Brain_Cerebellar_Hemisphere 1 1
1 -1.286505446 -1.286505446 -1.286505446 NA 1 0
0.977086887
CXCR1 ENSG00000163464.7 0.198432559 1 1 0.198432559
Brain_Substantia_nigra 0.198432559 Brain_Substantia_nigra 1 1
1 -1.286030094 -1.286030094 -1.286030094 NA 1 0
0.977559837
ARFGAP3 ENSG00000242247.10 0.198604801 11 5 0.089429639
Brain_Nucleus_accumbens_basal_ganglia 0.726665052 Brain_Hypothalamus
8.348229066 0.010178435 0.338773024 -1.698414069 -0.349565173
-0.848758976 0.500271123 5 0 0.977766913
RP11-44M6.1 ENSG00000225807.1 0.198614364 1 1 0.198614364
Brain_Nucleus_accumbens_basal_ganglia 0.198614364
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -1.285509315
-1.285509315 -1.285509315 NA 1 0 0.977766913
TYW3 ENSG00000162623.15 0.198856248 10 6 0.006441526 Brain_Cerebellum
0.652302844 Brain_Putamen_basal_ganglia 6.339964159 0.042709835
0.255876201 -2.724416265 -0.450565351 -1.570759869 0.780292805
6 0 0.978208199
C3orf18 ENSG00000088543.14 0.198888482 2 2 0.107371661
Brain_Cortex 0.637953957 Brain_Nucleus_accumbens_basal_ganglia
1.663342253 0.336657747 0.336657747 -1.610120005 -0.470561429
-1.040340717 0.805789596 2 0 0.978208199
RP11-713P17.3 ENSG00000204241.7 0.198913754 10 10 0.030269159
Brain_Frontal_Cortex_BA9 0.96430127 Brain_Cerebellar_Hemisphere 2.787475564

	0.127312385	0.127312385	-1.129521234	2.166550321	0.128647395			
	1.198801929	10	0	0.978208199				
ACACB	ENSG00000076555.15	0.198994954	1	1	0.198994954			
	Brain_Cerebellar_Hemisphere	0.198994954			Brain_Cerebellar_Hemisphere	1	1	
	1	-1.284420243	-1.284420243	-1.284420243	NA	1	0	
	0.978263667							
MAN1A2	ENSG00000198162.12	0.199109528	2	2	0.140331782			
	Brain_Putamen_basal_ganglia	0.196471864			Brain_Cerebellum	1.192987089		
	0.807012911	0.807012911	1.291668809	1.474556631	1.38311272			
	0.129321219	2	0	0.978435021				
SUSD6	ENSG00000100647.7	0.199303902	1	1	0.199303902			
	Brain_Caudate_basal_ganglia	0.199303902			Brain_Caudate_basal_ganglia	1	1	
	1	1.283537295	1.283537295	1.283537295	NA	1	0	
	0.978435021							
MSTO1	ENSG00000125459.14	0.199624871	2	1	0.185172532			Brain_Cerebellum
	0.218011848	Brain_Cerebellar_Hemisphere	1.986901092	0.013098908				
	1.986901092	-1.324995837	-1.231831997	-1.278413917	0.065876783			
	1	0	0.978435021					
NCLN	ENSG00000125912.10	0.199703865	12	5	0.051617222			
	Brain_Frontal_Cortex_BA9	0.957086365			Brain_Cerebellar_Hemisphere			
	8.577484622	0.006262787	0.33467304	-0.919912641	1.946312428			
	0.020402962	0.74990941	5	0	0.978435021			
LINC02193	ENSG00000260923.6	0.199709516	1	1	0.199709516			
	Brain_Cortex	0.199709516	Brain_Cortex	1	1	1	1.282379603	
	1.282379603	1.282379603	NA	1	0	0.978435021		
ZNF251	ENSG00000198169.8	0.199712873	8	4	0.128637184			
	Brain_Nucleus_accumbens_basal_ganglia	0.977514478			Brain_Hypothalamus			
	5.649186276	0.002567504	0.53871088	-0.30253809	1.519498028			
	0.252047263	0.764889364	4	0	0.978435021			
KRT17	ENSG00000128422.15	0.199719166	3	3	0.045982255			Brain_Cerebellum
	0.827979134	Brain_Caudate_basal_ganglia	1.232865293	0.7733085	0.7733085			
	0.217294126	1.995556162	1.011441159	0.904223335	3	0		
	0.978435021							
ASB13	ENSG00000196372.12	0.199750521	6	6	0.067344976			
	Brain_Cerebellar_Hemisphere	0.847420734			Brain_Nucleus_accumbens_basal_ganglia			
	1.416872617	0.611293726	0.611293726	-1.829364806	1.652013815			
	-0.112457444	1.268030502	6	0	0.978435021			
ERC1	ENSG00000082805.19	0.199863317	2	2	0.159991649			
	Brain_Anterior_cingulate_cortex_BA24	0.225599036			Brain_Caudate_basal_ganglia			
	1.069953867	0.930046133	0.930046133	1.211773653	1.405099648			
	1.308436651	0.136702122	2	0	0.978435021			
PWP2	ENSG00000241945.7	0.199866637	13	1	0.101059797			
	Brain_Spinal_cord_cervical_c-1	0.515494026			Brain_Caudate_basal_ganglia			
	12.51995628	0.001176948	12.51995628	0.650306861	1.639737313			
	1.256079782	0.240976976	1	0	0.978435021			
DEFA3	ENSG00000239839.6	0.199920356	1	1	0.199920356			
	Brain_Hypothalamus	0.199920356	Brain_Hypothalamus	1	1	1		
	-1.281778505	-1.281778505	-1.281778505	NA	1	0	0.978435021	
SF3A3	ENSG00000183431.11	0.200015628	4	2	0.0938151			
	Brain_Putamen_basal_ganglia	0.354845258			Brain_Cerebellar_Hemisphere			
	2.997877084	0.003402129	0.987859651	-1.675607495	0.925231968			
	-0.976344371	1.268971445	2	0	0.978435021			
SIRT5	ENSG00000124523.15	0.200047002	8	4	0.01708108			
	Brain_Putamen_basal_ganglia	0.481884406			Brain_Cerebellum	6.251162327		
	0.00303376	0.288359733	-2.384957811	-0.703274971	-1.271000961			
	0.507430733	4	0	0.978435021				
ISCA1	ENSG00000135070.14	0.200048054	3	3	0.145238861			
	Brain_Anterior_cingulate_cortex_BA24	0.298716946			Brain_Substantia_nigra			
	1.09345867	0.900969314	0.900969314	1.039188783	1.456556435			
	1.260999775	0.20991881	3	0	0.978435021			
LINC01011	ENSG00000244041.7	0.200197547	9	6	0.0282091			Brain_Cerebellum
	0.786637984	Brain_Nucleus_accumbens_basal_ganglia	4.941037226					

	0.039270521	0.438156426	-2.194366116	-0.27067893	-1.484097848			
	0.588452477	6	0	0.978435021				
DRD4	ENSG00000069696.6	0.200268408	9	6	0.011167538			
	Brain_Hippocampus	0.75606781	Brain_Putamen_basal_ganglia	4.863923107				
	0.078524775	0.175652173	0.310648555	2.537412182	1.346812017			
	0.659934994	6	0	0.978435021				
LRR34	ENSG00000171757.15	0.200302167	3	3	0.11170483			
	Brain_Cerebellar_Hemisphere	0.886038636	Brain_Cerebellum	1.395827803				
	0.7504027	0.7504027	-1.590576885	1.111142639	-0.207584253			
	1.352005792	3	0	0.978435021				
RP11-25902.1	ENSG00000248994.1	0.200350482	2	2	0.143842922			
	Brain_Cortex	0.394412092	Brain_Amygdala	1.122651077	0.877348923			
	0.877348923	-1.461628932	0.851643313	-0.30499281	1.635730491			
	2	0	0.978435021					
ATP2B1	ENSG00000070961.15	0.20036703	3	3	0.083724473	Brain_Cerebellum		
	0.968983101	Brain_Spinal_cord_cervical_c-1	1.897319208	0.2076576				
	0.2076576	-0.854392354	1.729473011	0.278732314	1.320889856	3		
	0	0.978435021						
FNDC3B	ENSG00000075420.12	0.200450904	2	2	0.082101052			
	Brain_Caudate_basal_ganglia	0.610799537	Brain_Cerebellum	1.041197683				
	0.958802317	0.958802317	-1.738623261	-0.508932501	-1.123777881			
	0.869522675	2	0	0.978435021				
ZNF32	ENSG00000169740.13	0.200542566	2	2	0.073053568	Brain_Cortex		
	0.951880181	Brain_Hypothalamus	1.022289966	0.977710034				
	0.977710034	-1.792495886	0.060345855	-0.866075015	1.31015696	2		
	0	0.978435021						
RP11-88E10.5	ENSG00000274922.1	0.200585829	1	1	0.200585829			
	Brain_Putamen_basal_ganglia	0.200585829	Brain_Putamen_basal_ganglia	1	1			
	1	1.279884303	1.279884303	1.279884303	NA	1	0	
	0.978435021							
PGM2	ENSG00000169299.13	0.200684624	11	2	0.026992724	Brain_Cortex		
	0.336979296	Brain_Hypothalamus	9.700876024	0.005878884				
	0.651261725	-2.211623014	-0.960150856	-1.655649777	0.348457901			
	2	0	0.978435021					
RNF4	ENSG00000063978.15	0.200756047	5	5	0.028440165			
	Brain_Putamen_basal_ganglia	0.728715109	Brain_Amygdala	1.629076311				
	0.419006717	0.419006717	-0.831012591	2.191160707	0.936523325			
	1.189030854	5	0	0.978435021				
RP11-354K4.2	ENSG00000271945.1	0.200843036	1	1	0.200843036			
	Brain_Hypothalamus	0.200843036	Brain_Hypothalamus	1	1	1		
	1.279153417	1.279153417	1.279153417	NA	1	0	0.978435021	
PPIH	ENSG00000171960.10	0.200882891	1	1	0.200882891			
	Brain_Hypothalamus	0.200882891	Brain_Hypothalamus	1	1	1		
	-1.279040227	-1.279040227	-1.279040227	NA	1	0	0.978435021	
MPV17	ENSG00000115204.14	0.201007202	1	1	0.201007202			
	Brain_Spinal_cord_cervical_c-1	0.201007202	Brain_Spinal_cord_cervical_c-1					
	1	1	1	-1.278687277	-1.278687277	-1.278687277	NA	1
	0.978435021							0
RP11-56F10.3	ENSG00000254396.1	0.201052301	1	1	0.201052301			
	Brain_Cerebellar_Hemisphere	0.201052301	Brain_Cerebellar_Hemisphere	1	1			
	1	1.27855927	1.27855927	1.27855927	NA	1	0	0.978435021
H2AFY	ENSG00000113648.16	0.201101178	1	1	0.201101178			
	Brain_Nucleus_accumbens_basal_ganglia	0.201101178						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.278420561			
	1.278420561	1.278420561	NA	1	0	0.978435021		
ZNF414	ENSG00000133250.13	0.201127805	3	3	0.104982236			
	Brain_Cerebellum	0.62329697	Brain_Cortex	2.223681069	0.262981301			
	0.262981301	-1.621165098	-0.491183072	-1.141714965	0.584094659			
	3	0	0.978435021					
GIPR	ENSG00000010310.8	0.201353438	1	1	0.201353438			
	Brain_Hippocampus	0.201353438	Brain_Hippocampus	1	1	1		
	-1.277705068	-1.277705068	-1.277705068	NA	1	0	0.978731946	

VSNL1	ENSG00000163032.11	0.201427574	1	1	0.201427574				
	Brain_Frontal_Cortex_BA9	0.201427574			Brain_Frontal_Cortex_BA9	1	1		
	1	1.277494916	1.277494916	1.277494916	NA	1	0		
	0.978731946								
ATP2C1	ENSG0000017260.19	0.201462089	4	3	0.152981045				
	Brain_Nucleus_accumbens_basal_ganglia	0.803975068			Brain_Frontal_Cortex_BA9				
	2.544157539	0.069480072	0.392444549	-0.248205943	1.429080682				
	0.680008024	0.801598369	3	0	0.978731946				
TPSB2	ENSG00000197253.13	0.201672492	12	3	0.135513745				
	Brain_Spinal_cord_cervical_c-1	0.970288583			Brain_Substantia_nigra				
	9.631990819	0.003611193	0.673891639	-0.682423125	1.492707594				
	-0.173727973	0.618579213	3	0	0.978731946				
DIRC2	ENSG00000138463.8	0.201728198	2	2	0.073726193			Brain_Cerebellum	
	0.896503286	Brain_Nucleus_accumbens_basal_ganglia	1.039122588						
	0.960877412	0.960877412	-1.78830885	-0.130079807	-0.959194328				
	1.172545001	2	0	0.978731946					
RBM17	ENSG00000134453.15	0.201738672	2	2	0.076183469				
	Brain_Putamen_basal_ganglia	0.799707318			Brain_Frontal_Cortex_BA9				
	1.272692942	0.727307058	0.727307058	0.253725907	1.773273073				
	1.01349949	1.074482106	2	0	0.978731946				
C6orf58	ENSG00000184530.8	0.201750169	1	1	0.201750169				
	Brain_Frontal_Cortex_BA9	0.201750169			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.276581125	-1.276581125	-1.276581125	NA	1	0		
	0.978731946								
HYLS1	ENSG00000198331.10	0.201771586	2	2	0.145030634				
	Brain_Substantia_nigra	0.317348831			Brain_Anterior_cingulate_cortex_BA24				
	1.025903804	0.974096196	0.974096196	-0.999920814	1.457310701				
	0.228694944	1.737525067	2	0	0.978731946				
RP11-234B24.2	ENSG00000255474.1	0.201818431	3	3	0.100733041				
	Brain_Cerebellum	0.750700591			Brain_Cerebellar_Hemisphere	1.161106234			
	0.872514212	0.872514212	-1.266998208	1.641310194	0.018865424				
	1.483081113	3	0	0.978731946					
THOC5	ENSG00000100296.13	0.202095176	2	2	0.305017894				
	Brain_Caudate_basal_ganglia	0.939884891			Brain_Cortex	1.794233923			
	0.205766077	0.205766077	-1.025732069	0.07541454	-0.475158765				
	0.778628234	2	0	0.979476941					
KIF12	ENSG00000136883.13	0.20217207	7	4	0.015514908				
	Brain_Caudate_basal_ganglia	0.646187159			Brain_Putamen_basal_ganglia				
	4.680746848	0.003384181	0.517328919	-1.313048895	2.420131207				
	0.832932562	1.612701094	4	0	0.979476941				
CTC-304I17.6	ENSG00000279668.2	0.202182075	4	3	0.092730423				
	Brain_Amygdala	0.675384825			Brain_Cerebellar_Hemisphere	2.060167408			
	0.018799049	0.907482463	-1.681167303	0.441355059	-0.507602898				
	1.099759803	3	0	0.979476941					
LRRN2	ENSG00000170382.11	0.202407918	2	2	0.197291507				
	Brain_Caudate_basal_ganglia	0.204115466			Brain_Putamen_basal_ganglia				
	1.025058666	0.974941334	0.974941334	-1.289306629	1.269913437				
	-0.009696596	1.809641864	2	0	0.979511814				
LINC02043	ENSG00000232233.1	0.202517917	1	1	0.202517917				
	Brain_Cerebellum	0.202517917			Brain_Cerebellum	1	1	1	-1.274410658
	-1.274410658	-1.274410658	NA	1	0	0.979511814			
NDUFAF5	ENSG00000101247.17	0.202529624	4	4	0.103707188				
	Brain_Cortex	0.70177093	Brain_Spinal_cord_cervical_c-1	2.120431552					
	0.272092867	0.272092867	-0.382930993	1.627140844	0.795247562				
	0.879107399	4	0	0.979511814					
CECR2	ENSG00000099954.18	0.202544128	3	2	0.073214309			Brain_Cerebellum	
	0.912929756	Brain_Caudate_basal_ganglia	1.978107327	0.021859553					
	1.00003312	-0.109343864	1.791492424	1.146089403	1.087380948			2	
	0	0.979511814							
EPHA5	ENSG00000145242.13	0.202556904	3	3	0.123421672				
	Brain_Nucleus_accumbens_basal_ganglia	0.669337383			Brain_Cerebellar_Hemisphere				
	2.006442444	0.082110544	0.082110544	-1.540569189	0.830236272				

	-0.094425109	1.268517949	3	0	0.979511814			
CYB5R4	ENSG00000065615.13	0.202609334	1	1	0.202609334			
	Brain_Cerebellum	0.202609334	Brain_Cerebellum	1	1	1	-1.274152618	
	-1.274152618	-1.274152618	NA	1	0	0.979511814		
CD300C	ENSG00000167850.3	0.202806538	1	1	0.202806538			
	Brain_Frontal_Cortex_BA9	0.202806538	Brain_Frontal_Cortex_BA9	1	1	1	1	
	1	1.273596262	1.273596262	1.273596262	NA	1	0	
	0.979708282							
NOD2	ENSG00000167207.11	0.203006593	1	1	0.203006593	Brain_Cerebellum		
	0.203006593	Brain_Cerebellum	1	1	-1.273032265	-1.273032265		
	-1.273032265	NA	1	0	0.979708282			
NEUROD2	ENSG00000171532.4	0.203072082	1	1	0.203072082			
	Brain_Hypothalamus	0.203072082	Brain_Hypothalamus	1	1	1		
	-1.272847726	-1.272847726	-1.272847726	NA	1	0	0.979708282	
RNF8	ENSG00000112130.16	0.203082325	8	8	0.098613882			
	Brain_Hypothalamus	0.936971464	Brain_Cerebellum	2.439385083				
	0.260969558	0.260969558	-1.198018312	1.65161097	-0.391377756			
	0.988459197	8	0	0.979708282				
ACAP2	ENSG00000114331.13	0.203125597	11	6	0.071868064	Brain_Amygdala		
	0.857835596	Brain_Anterior_cingulate_cortex_BA24	6.838293435	0.012766				
	0.291507207	-1.799952972	0.955275116	0.191566057	0.752833015			
	6	0	0.979708282					
RNF187	ENSG00000168159.11	0.203158321	1	1	0.203158321			
	Brain_Cerebellum	0.203158321	Brain_Cerebellum	1	1	1	1.272604781	
	1.272604781	1.272604781	NA	1	0	0.979708282		
DUOXA1	ENSG00000140254.12	0.203266954	4	4	0.01895869			
	Brain_Hippocampus	0.96844073	Brain_Substantia_nigra	1.670483975				
	0.36066569	0.36066569	0.039563999	2.346342236	1.03498969	1.156322217		
	4	0	0.979708282					
MRPL45	ENSG00000278845.4	0.203428271	6	5	0.186725297			
	Brain_Hypothalamus	0.939914418	Brain_Frontal_Cortex_BA9	2.880193058				
	0.043882929	0.28625541	-0.527523743	1.320328701	0.192114083			
	0.799417939	5	0	0.979708282				
NADK	ENSG00000008130.15	0.203581188	8	8	0.034923763			
	Brain_Caudate_basal_ganglia	0.990858719	Brain_Cerebellum	2.021759294				
	0.209694109	0.209694109	-2.109241247	0.011457148	-0.854602387			
	0.825075869	8	0	0.979708282				
ADRA2B	ENSG00000274286.1	0.203647116	3	2	0.111082845			
	Brain_Cerebellum	0.982762136	Brain_Spinal_cord_cervical_c-1	2.308667459				
	0.001292637	0.690039904	-1.593344876	0.02160614	-1.047709967			
	0.926119967	2	0	0.979708282				
DHDDS	ENSG00000117682.16	0.20368681	5	5	0.171727043	Brain_Hippocampus		
	0.781133603	Brain_Cerebellum	1.945148393	0.129291464	0.129291464			
	-0.755719267	1.366675494	0.136461803	0.841188598	5	0		
	0.979708282							
IFNE	ENSG00000184995.7	0.203792261	3	3	0.035307767			
	Brain_Anterior_cingulate_cortex_BA24	0.680832485	Brain_Cerebellum					
	1.905894079	0.094218128	0.094218128	-0.431584863	2.104810953			
	0.420632899	1.458576148	3	0	0.979708282			
C12orf76	ENSG00000174456.13	0.203824004	2	2	0.358150559			
	Brain_Cerebellar_Hemisphere	0.549102374	Brain_Hippocampus	1.634200047				
	0.365799953	0.365799953	-0.918894879	0.59910574	-0.159894569			
	1.073388531	2	0	0.979708282				
PRKAR1B	ENSG00000188191.14	0.203836475	2	2	0.094069025			
	Brain_Cerebellum	0.805994173	Brain_Putamen_basal_ganglia	1.211962426				
	0.788037574	0.788037574	0.24559705	1.674313387	0.959955218			
	1.010255011	2	0	0.979708282				
CCDC102A	ENSG00000135736.5	0.203992027	1	1	0.203992027			
	Brain_Substantia_nigra	0.203992027	Brain_Substantia_nigra	1	1			
	1	1.270260013	1.270260013	1.270260013	NA	1	0	
	0.979708282							
ARHGAP27	ENSG00000159314.11	0.204089089	6	5	0.086320344			

	Brain_Cortex	0.968492812		Brain_Caudate_basal_ganglia	2.894595362			
	0.069623054	0.141851224		-1.715135732	0.81395936	-0.473373919		
	0.853163082	5	0	0.979708282				
FAM151A	ENSG00000162391.11	0.204135955	2	2	0.173478706			
	Brain_Substantia_nigra	0.817457177		Brain_Anterior_cingulate_cortex_BA24				
	1.541488752	0.458511248	0.458511248	-0.230816739	1.361110709			
	0.565146985	1.125662694	2	0	0.979708282			
LARGE2	ENSG00000165905.17	0.204172399	1	1	0.204172399			
	Brain_Cortex	0.204172399		Brain_Cortex	1	1	1	1.269753642
	1.269753642	1.269753642	NA	1	0	0.979708282		
MKX	ENSG00000150051.13	0.204279765	3	3	0.084215187			
	Brain_Nucleus_accumbens_basal_ganglia	0.948645384		Brain_Cerebellum				
	1.162611208	0.816865141	0.816865141	-0.06440797	1.726735445			
	0.987293436	0.935509557	3	0	0.979708282			
C21orf33	ENSG00000160221.16	0.204311203	13	1	0.118538737			
	Brain_Substantia_nigra	0.365363201		Brain_Cerebellar_Hemisphere				
	12.63346301	0.000298515	12.63346301	0.905192903	1.560936488			
	1.250375726	0.187681218	1	0	0.979708282			
RP11-253E3.3	ENSG00000250899.3	0.2043941	1	1	0.2043941			
	Brain_Hippocampus	0.2043941		Brain_Hippocampus	1	1	1	
	1.269131689	1.269131689	1.269131689	NA	1	0	0.979708282	
CTD-2587M2.1	ENSG00000249476.1	0.204413884	11	5	0.022067144			
	Brain_Spinal_cord_cervical_c-1	0.976345616		Brain_Frontal_Cortex_BA9				
	7.582333372	0.008628105	0.379930026	-0.039136603	2.289210175			
	1.2855947	0.750885635	5	0	0.979708282			
RRS1	ENSG00000179041.3	0.204461908	2	2	0.084542724			
	Brain_Spinal_cord_cervical_c-1	0.618093514		Brain_Putamen_basal_ganglia				
	1.030262696	0.969737304	0.969737304	0.498554148	1.724915376			
	1.111734762	0.86716834	2	0	0.979708282			
KIAA1257	ENSG00000114656.10	0.204534454	2	2	0.075751923			
	Brain_Cortex	0.966219005		Brain_Substantia_nigra	1.103588857			
	0.896411143	0.896411143	0.042350855	1.775884702	0.909117779			
	1.225793539	2	0	0.979708282				
PHLDA2	ENSG00000181649.5	0.20456243	1	1	0.20456243			
	Brain_Frontal_Cortex_BA9	0.20456243		Brain_Frontal_Cortex_BA9	1	1	1	
	-1.268659788	-1.268659788	-1.268659788	NA	1	0	0.979708282	
PTK2B	ENSG00000120899.17	0.204580726	2	2	0.092751682			Brain_Cerebellum
	0.753201612	Brain_Putamen_basal_ganglia	1.159220745	0.840779255				
	0.840779255	-0.314420601	1.681057831	0.683318615	1.411016331			
	2	0	0.979708282					
TRAPPC2L	ENSG00000167515.10	0.204736112	4	4	0.076895149			
	Brain_Cerebellum	0.591283357		Brain_Cerebellar_Hemisphere	2.692437342			
	0.114213368	0.114213368	-0.536977209	1.768992361	1.075516656			
	1.080781966	4	0	0.979708282				
ACPT	ENSG00000142513.5	0.204979002	3	3	0.120385384			
	Brain_Hippocampus	0.557853166		Brain_Cerebellar_Hemisphere	1.483423153			
	0.505118174	0.505118174	0.586033258	1.553158034	1.178118537			
	0.518810405	3	0	0.979708282				
SLC38A6	ENSG00000139974.15	0.205034261	1	1	0.205034261			
	Brain_Cortex	0.205034261		Brain_Cortex	1	1	1	-1.267338553
	-1.267338553	-1.267338553	NA	1	0	0.979708282		
DNAL1	ENSG00000119661.14	0.205080301	5	4	0.169964533			
	Brain_Hippocampus	0.963393654		Brain_Frontal_Cortex_BA9	3.743324897			
	0.039284345	0.208513143	-1.372317781	0.045895358	-0.609748187			
	0.630014946	4	0	0.979708282				
NUP54	ENSG00000138750.14	0.205122201	13	4	0.048662071			
	Brain_Frontal_Cortex_BA9	0.807869649		Brain_Cerebellar_Hemisphere				
	10.03048119	0.001611634	0.548538248	-0.709381099	1.971540624			
	0.627150764	0.722396017	4	0	0.979708282			
PHF2	ENSG00000197724.10	0.205159594	1	1	0.205159594			Brain_Cerebellum
	0.205159594	Brain_Cerebellum	1	1	1.266987963	1.266987963		
	1.266987963	NA	1	0	0.979708282			

BCCIP	ENSG00000107949.16	0.205179302	1	1	0.205179302	Brain_Cerebellum
	0.205179302	Brain_Cerebellum	1	1	1.266932849	1.266932849
	1.266932849	NA	1	0	0.979708282	
TBC1D4	ENSG00000136111.12	0.205197616	9	5	0.028351185	
	Brain_Hypothalamus	0.904372344	Brain_Putamen_basal_ganglia	6.077618004		
	0.044976596	0.24960495	0.120139877	2.192392395	0.716387649	
	0.62960865	5	0	0.979708282		
TNFAIP6	ENSG00000123610.4	0.205199929	7	5	0.013392368	
	Brain_Nucleus_accumbens_basal_ganglia	0.251167794	Brain_Putamen_basal_ganglia			
	4.956498574	0.03283248	0.173794728	-2.473161302	-1.147517526	
	-1.793879845	0.455218035	5	0	0.979708282	
HIC1	ENSG00000177374.12	0.205243531	1	1	0.205243531	
	Brain_Hypothalamus	0.205243531	Brain_Hypothalamus	1	1	1
	-1.266753256	-1.266753256	-1.266753256	NA	1	0
					0.979708282	
PPIL1	ENSG00000137168.7	0.205244731	1	1	0.205244731	
	Brain_Anterior_cingulate_cortex_BA24	0.205244731				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.266749901	
	1.266749901	1.266749901	NA	1	0	0.979708282
CS	ENSG00000062485.18	0.205424185	1	1	0.205424185	
	Brain_Spinal_cord_cervical_c-1	0.205424185	Brain_Spinal_cord_cervical_c-1			
	1	1	1	-1.266248343	-1.266248343	-1.266248343
					NA	1
						0
						0.979708282
INTS8	ENSG00000164941.13	0.205521895	5	4	0.046186894	
	Brain_Cerebellar_Hemisphere	0.976394234	Brain_Anterior_cingulate_cortex_BA24			
	2.301964868	0.021294939	0.738325838	0.029589757	1.993681304	
	1.260749204	0.868920564	4	0	0.979708282	
SFXN5	ENSG00000144040.12	0.205550613	6	4	0.036445143	Brain_Cerebellum
	0.510114782	Brain_Anterior_cingulate_cortex_BA24	4.554038333			
	0.022243339	0.202215405	0.658658976	2.09192592	1.440967728	
	0.595882726	4	0	0.979708282		
LINC00667	ENSG00000263753.6	0.205729433	12	7	0.015257178	
	Brain_Amygdala	0.936500453	Brain_Anterior_cingulate_cortex_BA24			
	6.741825229	0.024411152	0.274148896	-2.426216203	-0.079669079	
	-0.89962192	0.612197771	7	0	0.979708282	
PSMF1	ENSG00000125818.17	0.205789877	10	3	0.079014217	
	Brain_Caudate_basal_ganglia	0.872203079	Brain_Anterior_cingulate_cortex_BA24			
	8.261989488	0.000569405	0.622754678	0.160860747	1.756434672	
	1.359561906	0.456822979	3	0	0.979708282	
RP11-70P17.1	ENSG00000225643.1	0.20581839	1	1	0.20581839	
	Brain_Hippocampus	0.20581839	Brain_Hippocampus	1	1	1
	1.265147691	1.265147691	1.265147691	NA	1	0
					0.979708282	
ZNF692	ENSG00000171163.15	0.205870763	1	1	0.205870763	
	Brain_Cerebellum	0.205870763	Brain_Cerebellum	1	1	1.265001577
	1.265001577	1.265001577	NA	1	0	0.979708282
RP11-732A21.3	ENSG00000277459.1	0.205887347	1	1	0.205887347	
	Brain_Amygdala	0.205887347	Brain_Amygdala	1	1	1.264955313
	1.264955313	1.264955313	NA	1	0	0.979708282
PAH	ENSG00000171759.9	0.205918515	8	8	0.126158156	
	Brain_Hypothalamus	0.708684794	Brain_Frontal_Cortex_BA9	2.81809963		
	0.196442098	0.196442098	-1.4755987	1.529428888	0.08865564	
	1.107209248	8	0	0.979708282		
CYP7B1	ENSG00000172817.3	0.205941109	2	2	0.081521214	
	Brain_Cerebellar_Hemisphere	0.722546456	Brain_Cerebellum	1.000036865		
	0.999963135	0.999963135	-1.741927028	-0.355057579	-1.048492303	
	0.980664792	2	0	0.979708282		
RGS7BP	ENSG00000186479.4	0.206196972	1	1	0.206196972	
	Brain_Cerebellum	0.206196972	Brain_Cerebellum	1	1	1.264092099
	1.264092099	1.264092099	NA	1	0	0.980246923
ASPRV1	ENSG00000244617.2	0.206320433	4	4	0.031591798	
	Brain_Nucleus_accumbens_basal_ganglia	0.98932207	Brain_Putamen_basal_ganglia			
	1.915964736	0.199194651	0.199194651	-2.149537735	-0.0133832	
	-1.429698095	0.988912527	4	0	0.980246923	

C9orf72	ENSG00000147894.14	0.206359321	12	9	0.052312818	
	Brain_Cortex	0.999457707			Brain_Cerebellar_Hemisphere	5.752224033
	0.071863426	0.261512476			-1.94055054	0.620778567
	0.733923287	9	0	0.980246923		-0.515061941
HCRTR1	ENSG00000121764.11	0.206386097	1	1	0.206386097	
	Brain_Cerebellum	0.206386097			Brain_Cerebellum1	1
	-1.263565294	-1.263565294			NA	1
			0	0.980246923		
LPCAT3	ENSG00000111684.10	0.206420377	2	2	0.216553276	
	Brain_Cerebellum	0.535383327			Brain_Cerebellar_Hemisphere	1.915961227
	0.084038773	0.084038773			0.619809328	1.235745239
	0.435532459	2	0	0.980246923		0.927777283
RP5-998H6.2	ENSG00000229957.1	0.206767983	1	1	0.206767983	
	Brain_Cerebellar_Hemisphere	0.206767983			Brain_Cerebellar_Hemisphere1	1
	1	1.262502623	1.262502623	1.262502623	NA	1
						0
						0.980246923
BMP4	ENSG00000125378.15	0.206769416	2	2	0.191898627	Brain_Cerebellum
	0.509061617	Brain_Cerebellar_Hemisphere	1.356075543		0.643924457	
	0.643924457	-1.304983029	0.660299553		-0.322341738	1.389664641
	2	0	0.980246923			
PKN3	ENSG00000160447.6	0.206820178	2	2	0.092054561	
	Brain_Frontal_Cortex_BA9	0.747555725			Brain_Cerebellar_Hemisphere	
	1.138236871	0.861763129	0.861763129		-0.321864003	1.684658068
	0.681397033	1.418825363	2	0	0.980246923	
CPTP	ENSG00000224051.6	0.206899668	3	3	0.081070332	Brain_Cerebellum
	0.732865993	Brain_Hypothalamus	1.381089399		0.530478214	
	0.530478214	-1.744509237	0.466670981		-0.539717957	1.118861969
	3	0	0.980246923			
CHCHD5	ENSG00000125611.15	0.206933447	7	6	0.006301567	
	Brain_Cerebellar_Hemisphere	0.515685808			Brain_Hippocampus	5.207766179
	0.060034023	0.178468302	-2.731662449		-0.650009929	-1.600262298
	0.62928061	6	0	0.980246923		
POGLUT1	ENSG00000163389.10	0.206962766	10	2	0.083180405	
	Brain_Cortex	0.320289557			Brain_Cerebellar_Hemisphere	9.069014237
	0.003146101	0.374551919	0.993863027		1.732523453	1.271202422
	0.205790179	2	0	0.980246923		
SELENOP	ENSG00000250722.5	0.207037069	1	1	0.207037069	
	Brain_Caudate_basal_ganglia	0.207037069			Brain_Caudate_basal_ganglia1	1
	1	1.261754696	1.261754696	1.261754696	NA	1
						0
						0.980246923
PPP2R2B	ENSG00000156475.18	0.207043489	4	4	0.091969385	
	Brain_Frontal_Cortex_BA9	0.741014431			Brain_Putamen_basal_ganglia	
	2.113115848	0.174716211	0.174716211		-1.022772641	1.685099452
	0.546214775	1.186363526	4	0	0.980246923	
ZNF860	ENSG00000197385.5	0.207052875	3	3	0.13162694	
	Brain_Anterior_cingulate_cortex_BA24	0.63247309			Brain_Cerebellum	1.28998035
	0.728809618	0.728809618	-0.927394537		1.507717126	0.034024576
	1.295862747	3	0	0.980246923		
PLAC9	ENSG00000189129.13	0.207116643	10	7	0.196237773	
	Brain_Hippocampus	0.964271904			Brain_Anterior_cingulate_cortex_BA24	
	5.920945201	0.044468447	0.214206449		-1.037952593	1.292344773
	0.109045247	0.857975286	7	0	0.980246923	
VPS33A	ENSG00000139719.9	0.207176478	4	4	0.160373055	
	Brain_Cerebellar_Hemisphere	0.787801342			Brain_Cerebellum	3.292878577
	0.124541831	0.124541831	0.269166781		1.403817991	0.808721184
	0.46750526	4	0	0.980246923		
NSUN3	ENSG00000178694.9	0.207361532	1	1	0.207361532	
	Brain_Substantia_nigra	0.207361532			Brain_Substantia_nigra	1
	1	1.260853783	1.260853783	1.260853783	NA	1
						0
						0.980246923
RP11-121C2.2	ENSG00000259959.1	0.20738364	9	4	0.100522382	
	Brain_Amygdala	0.579556048			Brain_Cerebellar_Hemisphere	6.719427516
	0.015653779	0.282920615	-1.642326384		-0.554033312	-1.246218598

	0.351254924	4	0	0.980246923					
LINC00299	ENSG00000236790.5			0.207418905	8	5	0.143373162		
	Brain_Nucleus_accumbens_basal_ganglia			0.951966427			Brain_Amygdala		
	5.521729978	0.084650276		0.32247827	-1.463344409		0.905820116		
	-0.124540022	0.870707135		5	0	0.980246923			
EFR3A	ENSG00000132294.14	0.207607559		7	5	0.004393494	Brain_Amygdala		
	0.843233083	Brain_Hypothalamus		3.850200006		0.045298315	0.18125706		
	0.197759694	2.848434188		1.694185343		1.010391498	5	0	
	0.980246923								
AHI1	ENSG00000135541.20	0.207656902		11	8	0.107022759	Brain_Cortex		
	0.86246318	Brain_Nucleus_accumbens_basal_ganglia		5.036337581		0.042805032			
	0.315000482	-1.611720571		1.56452678	0.188369031	0.969426764		8	
	0	0.980246923							
HOMER2	ENSG00000103942.12	0.207748554		4	4	0.07925963			
	Brain_Spinal_cord_cervical_c-1			0.585641587		Brain_Cerebellum	1.92729797		
	0.10747872	0.10747872		-0.990291834		1.754998114	0.557652646		
	1.149167501	4	0	0.980246923					
ZNF566	ENSG00000186017.14	0.207819339		2	2	0.121300885			
	Brain_Cerebellum	0.727884234		Brain_Cerebellar_Hemisphere		1.647966791			
	0.352033209	0.352033209		-1.549336353		-0.347941346	-0.94863885		
	0.849514557	2	0	0.980246923					
SPTB	ENSG00000070182.19	0.207826119		1	1	0.207826119			
	Brain_Cerebellar_Hemisphere	0.207826119		Brain_Cerebellar_Hemisphere		1	1		
	1	-1.259565579		-1.259565579		NA	1	0	
	0.980246923								
HAUS6	ENSG00000147874.10	0.207936993		2	2	0.104086404			
	Brain_Frontal_Cortex_BA9	0.422392441		Brain_Cerebellum		1.059652863			
	0.940347137	0.940347137		-1.625357509		0.802277523	-0.411539993		
	1.716597193	2	0	0.980246923					
LINC01170	ENSG00000253807.5	0.207941584		2	2	0.206710052			
	Brain_Caudate_basal_ganglia	0.251195746		Brain_Putamen_basal_ganglia					
	1.073525857	0.926474143		0.926474143		-1.147449857	1.262663736		
	0.057606939	1.704207665		2	0	0.980246923			
FAM208A	ENSG00000163946.13	0.208038924		4	4	0.178444459			
	Brain_Spinal_cord_cervical_c-1	0.865742567							
	Brain_Nucleus_accumbens_basal_ganglia	2.298900518		0.280298075					
	0.280298075	-0.451024622		1.345560001		0.315134645	0.749240275		
	4	0	0.980246923						
RIC8A	ENSG00000177963.14	0.20811585	10	5		0.158688324			
	Brain_Putamen_basal_ganglia	0.954102165		Brain_Anterior_cingulate_cortex_BA24					
	6.987915569	6.94E-18		0.379766904		-0.767562368	1.409496785		
	-0.186382945	0.713613013		5	0	0.980246923			
ACY1	ENSG00000243989.8	0.208137118		1	1	0.208137118	Brain_Cerebellum		
	0.208137118	Brain_Cerebellum		1	1	-1.25870441	-1.25870441		
	-1.25870441	NA	1	0	0.980246923				
RP11-367F23.1	ENSG00000228216.1	0.208204046		1	1	0.208204046			
	Brain_Frontal_Cortex_BA9	0.208204046		Brain_Frontal_Cortex_BA9		1	1		
	1	1.258519205		1.258519205		NA	1	0	
	0.980246923								
PFKM	ENSG00000152556.15	0.208226278		3	3	0.368886665			
	Brain_Cerebellar_Hemisphere	0.874887484		Brain_Cerebellum		2.595144332			
	0.101567764	0.101567764		-0.898560766		0.330284227	-0.24191		
	0.618760604	3	0	0.980246923					
PKP2	ENSG00000057294.14	0.208539869		1	1	0.208539869			
	Brain_Caudate_basal_ganglia	0.208539869		Brain_Caudate_basal_ganglia		1	1		
	1	1.257590559		1.257590559		NA	1	0	
	0.980935746								
ADAMTS4	ENSG00000158859.9	0.208544329		3	3	0.174669064			
	Brain_Substantia_nigra	0.623252521		Brain_Frontal_Cortex_BA9					
	1.569665542	0.56786734		0.56786734		-0.491245925	1.357353033		
	0.735710158	1.062606506		3	0	0.980935746			
COX6B1	ENSG00000126267.8	0.208582935		7	5	0.065266217			

	Brain_Anterior_cingulate_cortex_BA24	0.956403344			Brain_Cortex	
	4.505548007	0.000676875	0.175086283	-1.843430249	0.355833866	
	-0.635608478	0.805895172	5	0	0.980935746	
P3H3	ENSG00000110811.19	0.208848041	2	2	0.077620722	Brain_Cerebellum
	0.930774967	Brain_Caudate_basal_ganglia	1.027335109	0.972664891		
	0.972664891	-1.764661207	0.086869848	-0.838895679	1.309230164	
	2	0	0.981194841			
GS1-279B7.2	ENSG00000273004.1	0.209000123	1	1	0.209000123	
	Brain_Anterior_cingulate_cortex_BA24	0.209000123				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.256319586	
	1.256319586	1.256319586	NA	1	0	0.981194841
VIPR2	ENSG00000106018.13	0.209029134	3	3	0.125745269	
	Brain_Frontal_Cortex_BA9	0.715832439	Brain_Cortex	1.682915313		
	0.309539799	0.309539799	-1.531097617	1.350910066	-0.181407264	
	1.449657384	3	0	0.981194841		
STARD3NL	ENSG0000010270.13	0.209039499	5	3	0.079832843	
	Brain_Cortex	0.522172715	Brain_Putamen_basal_ganglia	4.310096753		
	0.001673833	0.232466253	0.639999822	1.751656778	1.115850594	
	0.481408292	3	0	0.981194841		
LARP1	ENSG00000155506.16	0.209073609	3	3	0.050575931	
	Brain_Nucleus_accumbens_basal_ganglia	0.773660928	Brain_Hippocampus			
	1.214846915	0.803969668	0.803969668	-1.95506049	0.338177277	
	-0.44309788	1.309642309	3	0	0.981194841	
RECQL5	ENSG00000108469.14	0.209132072	4	4	0.106281898	
	Brain_Cerebellum	0.831417239	Brain_Caudate_basal_ganglia	2.307166987		
	0.3272425	0.3272425	-0.212884261	1.615132993	0.817310577	
	0.786512094	4	0	0.981194841		
RP1-79C4.4	ENSG00000271811.1	0.209144906	11	9	0.012006269	
	Brain_Cerebellum	0.942897944	Brain_Amygdala	4.476877462	0.024455701	
	0.179016883	-2.51196003	0.859522502	-0.495124012	1.016930367	
	9	0	0.981194841			
NSMAF	ENSG00000035681.7	0.209292908	3	3	0.135494882	Brain_Cerebellum
	0.728650897	Brain_Caudate_basal_ganglia	1.464038636	0.73911982	0.73911982	
	-1.492779628	1.059511186	-0.260063046	1.278360391	3	0
	0.981194841					
BNIPL	ENSG00000163141.18	0.209326556	2	2	0.079041288	
	Brain_Caudate_basal_ganglia	0.940861704	Brain_Cerebellum	1.159097428		
	0.840902572	0.840902572	0.074186856	1.756276028	0.915231442	
	1.18941666	2	0	0.981194841		
NDUFA11	ENSG00000174886.12	0.209527278	2	1	0.143566727	
	Brain_Cerebellum	0.311580935	Brain_Cerebellar_Hemisphere	1.944314813		
	0.055685187	1.944314813	1.011910319	1.462637021	1.23727367	
	0.318711907	1	0	0.981194841		
ATP6V1F	ENSG00000128524.4	0.209609209	1	1	0.209609209	
	Brain_Caudate_basal_ganglia	0.209609209	Brain_Caudate_basal_ganglia	1	1	
	1	-1.254640734	-1.254640734	-1.254640734	NA	1
	0.981194841				0	
CDT1	ENSG00000167513.8	0.209731542	1	1	0.209731542	
	Brain_Anterior_cingulate_cortex_BA24	0.209731542				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.25430397	1.25430397
	1.25430397	NA	1	0	0.981194841	
STK4-AS1	ENSG00000227477.1	0.209757658	2	2	0.079668808	
	Brain_Hypothalamus	0.624382557	Brain_Frontal_Cortex_BA9	1.398661247		
	0.601338753	0.601338753	-1.752610963	-0.489648632	-1.121129798	
	0.893049229	2	0	0.981194841		
DFNA5	ENSG00000105928.13	0.209781529	12	3	0.050379223	Brain_Cortex
	0.331615285	Brain_Cerebellum	9.556682919	0.000556216	0.787622173	
	-1.956729977	0.97086545	-1.246164872	0.738157564	3	0
	0.981194841					
RANGAP1	ENSG00000100401.19	0.209975123	2	1	0.194958389	
	Brain_Cerebellum	0.241365695	Brain_Cerebellar_Hemisphere	1.937262892		
	0.062737108	1.937262892	-1.296049623	-1.171580067	-1.233814845	

	0.088013267	1	0	0.981194841					
KIAA0825	ENSG00000185261.14			0.210007552	2	2	0.403004036		
	Brain_Cerebellar_Hemisphere			0.853569532			Brain_Cerebellum	1.925504609	
	0.074495391	0.074495391		0.184565902			0.836268205	0.510417054	
	0.460823117	2	0	0.981194841					
SLC16A14	ENSG00000163053.10			0.210149675	1	1	0.210149675		
	Brain_Cerebellum	0.210149675		Brain_Cerebellum	1	1	1	1.253153977	
	1.253153977	1.253153977		NA	1	0	0.981194841		
PLXNB2	ENSG00000196576.14			0.210175098	1	1	0.210175098		
	Brain_Cerebellum	0.210175098		Brain_Cerebellum	1	1	1	1.25308411	
	1.25308411	1.25308411	NA	1	0	0.981194841			
JRKL	ENSG00000183340.6			0.210182014	1	1	0.210182014		
	Brain_Caudate_basal_ganglia	0.210182014		Brain_Caudate_basal_ganglia	1	1		1	
	1	-1.253065106	-1.253065106	-1.253065106	NA	1	0		
	0.981194841								
CBFA2T3	ENSG00000129993.14			0.210265665	1	1	0.210265665		
	Brain_Putamen_basal_ganglia	0.210265665		Brain_Putamen_basal_ganglia	1	1		1	
	1	-1.252835265	-1.252835265	-1.252835265	NA	1	0		
	0.981194841								
CPLX1	ENSG00000168993.14			0.210283137	3	3	0.141996995	Brain_Cortex	
	0.236792699	Brain_Cerebellar_Hemisphere		1.800699495			0.206228798		
	0.206228798	-1.468394866	1.427418866	0.380688501			1.60600811	3	
	0	0.981194841							
PABPC1	ENSG00000070756.15			0.210458733	6	6	0.078246223		
	Brain_Spinal_cord_cervical_c-1			0.907450572					
	Brain_Anterior_cingulate_cortex_BA24			1.781396926			0.514668441		
	0.514668441	-1.463101942	1.760953799	0.365838558			1.152958552		
	6	0	0.981194841						
MRPL36	ENSG00000171421.12			0.210498747	6	1	0.151024854		
	Brain_Cerebellum	0.371507233		Brain_Cortex			5.732907242	7.79E-05	
	5.732907242	0.893653649	1.435920886	1.219835468			0.250959736		
	1	0	0.981194841						
BRAP	ENSG00000089234.15			0.21059505	1	1	0.21059505	Brain_Caudate_basal_ganglia	
	0.21059505	Brain_Caudate_basal_ganglia		1	1	1	1.251930884		
	1.251930884	1.251930884	NA	1	0	0.981194841			
PLCG1	ENSG00000124181.14			0.210609219	2	2	0.098572996		
	Brain_Hippocampus			0.308908772			Brain_Cerebellar_Hemisphere	1.251480007	
	0.748519993	0.748519993	-1.651811441	-1.017514429			-1.334662935		
	0.448515719	2	0	0.981194841					
NOTCH2	ENSG00000134250.19			0.210699655	2	2	0.100022242		
	Brain_Hippocampus			0.39675952	Brain_Frontal_Cortex_BA9		1.129455253		
	0.870544747	0.870544747	0.847422766	1.644745808			1.246084287		
	0.56379253	2	0	0.981194841					
WSCD2	ENSG00000075035.9			0.210747864	4	4	0.071156659		
	Brain_Putamen_basal_ganglia	0.716762757		Brain_Nucleus_accumbens_basal_ganglia					
	1.8004567	0.436722644	0.436722644	-1.804476377			0.709970056		
	-0.233303713	1.147278751	4	0	0.981194841				
ALG9	ENSG00000086848.14			0.210765078	3	3	0.04729291		
	Brain_Cerebellar_Hemisphere	0.885143349		Brain_Cerebellum	1.23186885				
	0.827146519	0.827146519	-0.144452264	1.98366758	0.846548945				
	1.071557858	3	0	0.981194841					
VKORC1L1	ENSG00000196715.5			0.210840272	3	3	0.123573054		
	Brain_Spinal_cord_cervical_c-1	0.78304691	Brain_Anterior_cingulate_cortex_BA24						
	1.744107958	0.358227074	0.358227074	-1.539947897			0.275350579		
	-0.707959322	0.917060928	3	0	0.981194841				
KIAA1586	ENSG00000168116.13			0.210971254	8	2	0.093525286		
	Brain_Caudate_basal_ganglia	0.378926177	Brain_Cortex	7.222567751					
	0.013284251	0.253543361	0.879876572	1.677087945			1.356540407		
	0.275282229	2	0	0.981194841					
LRRC71	ENSG00000160838.13			0.210997678	2	2	0.12351085		
	Brain_Hypothalamus	0.470801173	Brain_Frontal_Cortex_BA9	1.087965485					
	0.912034515	0.912034515	-1.54020312	-0.721176103			-1.130689612		

	0.579139558	2	0	0.981194841					
RP11-589P10.5	ENSG00000262089.1			0.211092688	1	1	0.211092688		
	Brain_Cerebellum	0.211092688		Brain_Cerebellum	1	1	1	-1.250566475	
	-1.250566475	-1.250566475	NA	1	0	0.981194841			
VLDLR	ENSG00000147852.15	0.211142364		1	1	0.211142364		Brain_Cortex	
	0.211142364	Brain_Cortex	1	1	1	-1.250430404		-1.250430404	
	-1.250430404	NA	1	0	0.981194841				
DNAJB9	ENSG00000128590.4	0.211154095		1	1	0.211154095			
	Brain_Hypothalamus	0.211154095		Brain_Hypothalamus	1	1	1		
	-1.250398273	-1.250398273	-1.250398273	NA	1	0	0.981194841		
SOD3	ENSG00000109610.5	0.211324006		3	3	0.035254437		Brain_Cortex	
	0.977513123	Brain_Cerebellum	1.16173421	0.836197868		0.836197868			
	0.028186853	2.105423768	0.916595774	1.070708651		3	0		
	0.981194841								
TMEM165	ENSG00000134851.12	0.211327165		2	2	0.091485791			
	Brain_Putamen_basal_ganglia	0.855310941		Brain_Cerebellar_Hemisphere					
	1.387004909	0.612995091	0.612995091	-1.687611704		-0.182346332			
	-0.934979018	1.064383352	2	0	0.981194841				
NBPF9	ENSG00000269713.7	0.211332193		9	8	0.01987136			
	Brain_Putamen_basal_ganglia	0.762422339		Brain_Nucleus_accumbens_basal_ganglia					
	2.775388676	0.006682182	0.122864544	-1.599187247		2.328767998			
	0.023537564	1.566218574	8	0	0.981194841				
HEATR1	ENSG00000119285.10	0.211358074		2	2	0.1161779		Brain_Cerebellum	
	0.302722128	Brain_Cerebellar_Hemisphere	1.889123922	0.110876078					
	0.110876078	1.030613445	1.571020445	1.300816945		0.382125454			
	2	0	0.981194841						
AXDND1	ENSG00000162779.21	0.211373115		3	2	0.469790731			
	Brain_Caudate_basal_ganglia	0.9306913		Brain_Nucleus_accumbens_basal_ganglia					
	2.845097359	0.001567441	0.1533352	-0.722819588		0.137352472			
	-0.166164004	0.482735486	2	0	0.981194841				
GPAM	ENSG00000119927.13	0.211469139		5	5	0.010358555			
	Brain_Cerebellar_Hemisphere	0.207436884		Brain_Hypothalamus		3.20783365			
	0.164152425	0.164152425	1.260644707	2.563624484		1.796400262			
	0.550566926	5	0	0.981298973					
CFI	ENSG00000205403.12	0.211633491		1	1	0.211633491			
	Brain_Hippocampus	0.211633491		Brain_Hippocampus	1	1	1		
	1.249086354	1.249086354	1.249086354	NA	1	0	0.981298973		
ELN	ENSG00000049540.16	0.211657999		2	2	0.078263216		Brain_Cortex	
	0.818458773	Brain_Cerebellar_Hemisphere	1.09050915	0.90949085		0.90949085			
	0.229527727	1.760853415	0.995190571	1.082810778		2	0		
	0.981298973								
IGSF9B	ENSG00000080854.14	0.21176315	2	2	0.122458777				
	Brain_Frontal_Cortex_BA9	0.424284705		Brain_Cerebellum	1.031402324				
	0.968597676	0.968597676	0.799009842	1.544535007		1.171772425			
	0.5271659	2	0	0.981298973					
LINGO4	ENSG00000213171.2	0.211832814		5	5	0.016249802			
	Brain_Caudate_basal_ganglia	0.899230326		Brain_Hypothalamus	2.428297005				
	0.107152716	0.107152716	-0.126633696	2.403256111		1.064810174			
	0.997650764	5	0	0.981298973					
ZNF385B	ENSG00000144331.18	0.211840611		1	1	0.211840611			
	Brain_Frontal_Cortex_BA9	0.211840611		Brain_Frontal_Cortex_BA9	1	1			
	1	1.248520212	1.248520212	1.248520212	NA	1	0		
	0.981298973								
RP11-428O18.6	ENSG00000275294.4	0.211886513		1	1	0.211886513			
	Brain_Frontal_Cortex_BA9	0.211886513		Brain_Frontal_Cortex_BA9	1	1			
	1	1.248394799	1.248394799	1.248394799	NA	1	0		
	0.981298973								
NUPR1	ENSG00000176046.8	0.211991289		2	1	0.153485939		Brain_Cerebellum	
	0.303195968	Brain_Cerebellar_Hemisphere	1.937540583	0.062459417					
	1.937540583	1.029603933	1.427326038	1.228464985		0.281231997			
	1	0	0.981459338						
FAHD1	ENSG00000180185.11	0.212132761		13	1	0.149985379			

	Brain_Substantia_nigra	0.248722	Brain_Cerebellum	12.75898708				
	0.000293433	12.75898708	1.15345909	1.439583117			1.236640028	
	0.072591767	1 0	0.981527124					
LINC01055	ENSG00000235366.2	0.212151275	2	2	0.105819151			
	Brain_Caudate_basal_ganglia	0.559647541	Brain_Amygdala	1.069026049				
	0.930973951	0.930973951	-0.583365109	1.61727399	0.516954441			
	1.55608683	2 0	0.981527124					
OCM	ENSG00000122543.10	0.212275633	2	2	0.078308557	Brain_Cerebellum		
	0.980062501	Brain_Cortex	1.019193773	0.980806227	0.980806227			
	-0.02499055	1.760585666	0.867797558	1.262593051	2	0		
	0.981527124							
CMTR2	ENSG00000180917.17	0.212331025	2	2	0.315116866			
	Brain_Substantia_nigra	0.729875085	Brain_Amygdala	1.917185992				
	0.082814008	0.082814008	0.345291701	1.004543186	0.674917444			
	0.466161196	2 0	0.981527124					
LINC00506	ENSG00000281392.1	0.212356701	4	4	0.045730503			
	Brain_Amygdala	0.921874386	Brain_Frontal_Cortex_BA9	1.324357808				
	0.698110868	0.698110868	-0.668111411	1.99787233	0.426598701			
	1.146717889	4 0	0.981527124					
PHLPP2	ENSG00000040199.18	0.212442757	5	3	0.166832728			
	Brain_Spinal_cord_cervical_c-1	0.957403161	Brain_Hippocampus	3.75093883				
	0.075800011	0.235102975	-1.382452754	0.311981486	-0.566771625			
	0.75619126	3 0	0.981600599					
RCN2	ENSG00000117906.13	0.212836575	6	5	0.035368066			
	Brain_Hippocampus	0.982438835	Brain_Putamen_basal_ganglia	3.566391547				
	0.115009064	0.158637425	-2.104119017	0.803597093	-0.356585			
	1.026369057	5 0	0.983095584					
EVC2	ENSG00000173040.12	0.212908537	2	2	0.08027183	Brain_Cortex		
	0.84616775	Brain_Spinal_cord_cervical_c-1	1.004889003	0.995110997				
	0.995110997	-1.749111022	0.194010385	-0.777550319	1.373994324			
	2 0	0.983103412						
LRRC4	ENSG00000128594.7	0.213132266	1	1	0.213132266			
	Brain_Hypothalamus	0.213132266	Brain_Hypothalamus	1 1 1				
	-1.244998597	-1.244998597	-1.244998597	NA 1 0	0.983811789			
LRGUK	ENSG00000155530.2	0.213712692	6	6	0.155922043			
	Brain_Substantia_nigra	0.501578603	Brain_Cortex	1.896936435				
	0.455620604	0.455620604	-1.156670381	1.418921022	0.560724912			
	1.157053783	6 0	0.985417674					
TUBA1C	ENSG00000167553.15	0.213763094	12	3	0.016570134			
	Brain_Frontal_Cortex_BA9	0.156315479	Brain_Cortex	10.41495394				
	0.00843878	0.358794761	-2.396109609	-1.417572961	-1.878387803			
	0.37694708	3 0	0.985417674					
PCDHA5	ENSG00000204965.8	0.213827434	2	2	0.214041898			
	Brain_Cerebellar_Hemisphere	0.236020363	Brain_Putamen_basal_ganglia					
	1.044480542	0.955519458	0.955519458	-1.184992625	1.242527779			
	0.028767577	1.716516139	2 0	0.985417674				
ATP13A1	ENSG00000105726.16	0.213832427	2	2	0.103697567			
	Brain_Cortex	0.20772586	Brain_Cerebellar_Hemisphere	1.402113466				
	0.597886534	0.597886534	1.259843401	1.627186156	1.443514778			
	0.259750553	2 0	0.985417674					
LINC02208	ENSG00000250891.1	0.213901006	1	1	0.213901006			
	Brain_Frontal_Cortex_BA9	0.213901006	Brain_Frontal_Cortex_BA9	1 1				
	1	-1.242909984	-1.242909984	-1.242909984	NA 1 0			
	0.985417674							
SHISA2	ENSG00000180730.4	0.213902757	3	3	0.050174296			
	Brain_Substantia_nigra	0.814034605	Brain_Spinal_cord_cervical_c-1					
	1.074240686	0.908551306	0.908551306	-0.71322242	1.958475046			
	0.336676091	1.424708541	3 0	0.985417674				
ACADSB	ENSG00000196177.12	0.214025301	2	2	0.228517715			
	Brain_Cerebellum	0.429573092	Brain_Cerebellar_Hemisphere	1.341504526				
	0.658495474	0.658495474	-1.204185952	0.789922394	-0.207131779			
	1.410047534	2 0	0.985518871					

FN3KRP	ENSG00000141560.14	0.214085225	13	4	0.010735554				
	Brain_Cerebellum	0.559016593			Brain_Hippocampus	9.772883303			
	0.003828333	0.337260211			0.584302824	2.551190781	1.18294889		
	0.493080387	4	0		0.985518871				
RP11-10C24.3	ENSG00000271643.1	0.214136042	6	3	0.18782913				
	Brain_Caudate_basal_ganglia	0.863554834			Brain_Putamen_basal_ganglia				
	5.261062405	0.019892378			0.231266221	0.171850791	1.317028325		
	0.556423428	0.532178206	3	0	0.985518871				
TMEM11	ENSG00000178307.9	0.214207331	1	1	0.214207331				
	Brain_Caudate_basal_ganglia	0.214207331			Brain_Caudate_basal_ganglia	1	1		
	1	-1.24207923	-1.24207923		-1.24207923	NA	1	0	
	0.985522778								
TMEM199	ENSG00000244045.12	0.214399135	7	3	0.349552728				
	Brain_Amygdala	0.981096624			Brain_Caudate_basal_ganglia	5.764132027			
	0.00372374	0.45951216	-0.935457205		0.905490533	0.325236887			
	0.632665663	3	0		0.985711621				
LYPLAL1	ENSG00000143353.11	0.214422794	2	2	0.089066163				
	Brain_Anterior_cingulate_cortex_BA24	0.106824152			Brain_Hypothalamus				
	1.792823223	0.207176777	0.207176777		-1.700344403	-1.61263352			
	-1.656488961	0.06202096	2	0	0.985711621				
RP3-449M8.9	ENSG00000270000.1	0.214550271	3	3	0.057966069				
	Brain_Putamen_basal_ganglia	0.771188153			Brain_Substantia_nigra				
	1.295532047	0.74821992	0.74821992		0.290821093	1.895954444			
	1.073753172	0.803286886	3	0	0.985711621				
RBP7	ENSG00000162444.11	0.214590729	1	1	0.214590729				
	Brain_Spinal_cord_cervical_c-1	0.214590729			Brain_Spinal_cord_cervical_c-1				
	1	1	1		1.241040659	1.241040659	1.241040659	NA	1
	0.985711621								
TTC39B	ENSG00000155158.20	0.214600643	1	1	0.214600643				
	Brain_Nucleus_accumbens_basal_ganglia	0.214600643							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.241013821				
	-1.241013821	-1.241013821	NA	1	0	0.985711621			
MAP3K1	ENSG00000095015.5	0.214710762	2	2	0.092750224				
	Brain_Nucleus_accumbens_basal_ganglia	0.633905301			Brain_Cerebellar_Hemisphere				
	1.014665775	0.985334225	0.985334225		-0.476237338	1.681065337			
	0.602413999	1.525443351	2	0	0.985893753				
NDUFA9	ENSG00000139180.10	0.214935476	4	3	0.037763781				
	Brain_Frontal_Cortex_BA9	0.901292242			Brain_Amygdala	2.15256132			
	0.004416908	0.770279944	0.12402909		2.077409485	1.239014009			
	0.990360145	3	0		0.986019991				
UGCG	ENSG00000148154.9	0.214943931	2	2	0.122998425				
	Brain_Caudate_basal_ganglia	0.949402795			Brain_Cerebellar_Hemisphere				
	1.443643575	0.556356425	0.556356425		-0.063456754	1.542309403			
	0.739426325	1.135448139	2	0	0.986019991				
PPP1R14B	ENSG00000173457.10	0.21494968	5	4	0.105521921				
	Brain_Hypothalamus	0.906655966			Brain_Cerebellum	3.787322335			
	0.083363426	0.186177715	-1.618653109		-0.117257547	-0.85357094			
	0.560617371	4	0		0.986019991				
HEMK1	ENSG00000114735.9	0.215109193	6	5	0.012923563				
	Brain_Nucleus_accumbens_basal_ganglia	0.420500088			Brain_Cerebellum				
	3.665236432	0.097787834	0.287413797		0.805553949	2.485868721			
	1.721202268	0.648192167	5	0	0.98622433				
HECTD4	ENSG00000173064.12	0.215199073	2	2	0.137887425				
	Brain_Cortex	0.638385627			Brain_Cerebellum	1.285998235	0.714001765		
	0.714001765	-0.469957157	1.483704148		0.506873496	1.381447157			
	2	0	0.98622433						
CDKN1A	ENSG00000124762.13	0.215249263	1	1	0.215249263				
	Brain_Frontal_Cortex_BA9	0.215249263			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.239259902	-1.239259902		-1.239259902	NA	1	0	0.98622433
RP11-370I10.12	ENSG00000269514.1	0.215276185	3	3	0.088338572				
	Brain_Amygdala	0.665489563			Brain_Cerebellar_Hemisphere	1.764532918			
	0.282158191	0.282158191	-1.704227616		1.013778871	-0.086034067			

	1.431233265	3	0	0.98622433					
HAGH	ENSG00000063854.12			0.215387605	13	4	0.077979855		
	Brain_Frontal_Cortex_BA9			0.994670689			Brain_Putamen_basal_ganglia		
	9.254067979	0.001399945		0.628306443			-1.762529628	0.66334518	
	-0.362387044	0.73121876	4	0	0.986382004				
TAS2R50	ENSG00000212126.3			0.215451605	1	1	0.215451605		
	Brain_Cerebellar_Hemisphere			0.215451605			Brain_Cerebellar_Hemisphere1	1	1
	1_1.238713534	1.238713534		1.238713534			NA	1	0
	0.986382004								
ABLIM3	ENSG00000173210.19			0.215557306	10	2	0.045632229		
	Brain_Frontal_Cortex_BA9			0.232877881			Brain_Caudate_basal_ganglia		
	8.865740133	0.001095927		0.464361273			-1.998779384	-1.192978275	
	-1.628022519	0.253484617	2	0	0.986543104				
DCD	ENSG00000161634.11			0.215664122	2	2	0.088755707		
	Brain_Anterior_cingulate_cortex_BA24			0.44197765			Brain_Frontal_Cortex_BA9		
	1.214230797	0.785769203		0.785769203			-0.768857938	1.701998194	
	0.466570128	1.747159126	2	0	0.986709198				
RP11-482M8.1	ENSG00000260750.5			0.215780529	3	3	0.059136139		
	Brain_Anterior_cingulate_cortex_BA24			0.582357812			Brain_Substantia_nigra		
	1.088496577	0.901705608		0.901705608			-1.887179855	0.931974991	
	-0.135086969	1.529332874	3	0	0.98671628				
GCN1	ENSG00000089154.10			0.215818743	4	3	0.398060107	Brain_Cerebellum	
	0.772857601	Brain_Cortex		3.517330481			0.047583304	0.139335663	
	-0.569079656	0.845090868		-0.093471998			0.636894437	3	0
	0.98671628								
GAS2L1	ENSG00000185340.15			0.215888368	10	6	0.115831032		
	Brain_Hypothalamus			0.836641337			Brain_Caudate_basal_ganglia	5.956094179	
	0.020815826	0.237348464		-1.034664331			1.572515565	0.125602062	
	0.744995088	6	0	0.98671628					
TOP3A	ENSG00000177302.14			0.21594777	10	2	0.390967003		
	Brain_Spinal_cord_cervical_c-1			0.920381915			Brain_Hippocampus		
	8.877849169	0.002176524		0.551799708			-0.857865018	0.856892271	
	0.16443341	0.466683791	2	0	0.98671628				
RHOBTB1	ENSG00000072422.16			0.216189567	4	3	0.133574722		
	Brain_Hippocampus			0.951992098			Brain_Frontal_Cortex_BA9	2.974494922	
	0.020539764	0.271180425		-1.500153202			0.060205333	-0.897507653	
	0.696670925	3	0	0.987147804					
KLK6	ENSG00000167755.14			0.216265361	1	1	0.216265361		
	Brain_Substantia_nigra			0.216265361			Brain_Substantia_nigra	1	1
	1_1.236519932	1.236519932		1.236519932			NA	1	0
	0.987147804								
IL17RC	ENSG00000163702.18			0.216312688	7	4	0.020104016		
	Brain_Cortex			0.179606			Brain_Putamen_basal_ganglia	5.434768047	
	0.013666832	0.27391043		-2.324400928			2.152574121	-0.762599596	
	1.96248175	4	0	0.987147804					
SSBP2	ENSG00000145687.16			0.216493057	2	2	0.099117924		
	Brain_Cerebellar_Hemisphere			0.653638043			Brain_Cerebellum	1.564296339	
	0.435703661	0.435703661		0.448713918			1.649145044	1.048929481	
	0.848832989	2	0	0.987147804					
PFDN6	ENSG00000204220.11			0.216696645	2	2	0.138751374	Brain_Cortex	
	0.340034324	Brain_Spinal_cord_cervical_c-1		1.015678757			0.984321243		
	0.984321243	-1.480456829		-0.954097436			-1.217277132	0.372192296	
	2	0	0.987147804						
GBX2	ENSG00000168505.6			0.216813289	3	2	0.104279329		
	Brain_Caudate_basal_ganglia			0.970687521			Brain_Putamen_basal_ganglia	2.33561958	
	0.049872114	0.614508306		-1.624452224			0.036746012	-0.963017563	
	0.880763723	2	0	0.987147804					
MS4A8	ENSG00000166959.7			0.216824479	1	1	0.216824479	Brain_Amygdala	
	0.216824479	Brain_Amygdala	1	1	1		-1.235016189	-1.235016189	
	-1.235016189	NA	1	0	0.987147804				
EZH1	ENSG00000108799.12			0.216957142	3	2	0.263424669	Brain_Cortex	
	0.689078554	Brain_Caudate_basal_ganglia		2.462438126			0.006650082		

	0.530911792	-1.118333303	0.463436436	-0.084930338	0.895513236		
	2	0	0.987147804				
HAPLN1	ENSG00000145681.10	0.217034133	1	1	0.217034133		
	Brain_Nucleus_accumbens_basal_ganglia	0.217034133					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	-1.234453045			
	-1.234453045	-1.234453045	NA	1	0	0.987147804	
KIAA1671	ENSG00000197077.13	0.217086185	4	3	0.43267707	Brain_Cortex	
	0.935313883	Brain_Putamen_basal_ganglia	3.689889365		0.012111081		
	0.144731405	-0.328549353	0.784618858		0.150501994	0.479975462	
	3	0	0.987147804				
RDH12	ENSG00000139988.9	0.217106673	1	1	0.217106673		
	Brain_Substantia_nigra	0.217106673			Brain_Substantia_nigra	1	1
	1	1.234258291	1.234258291	1.234258291	NA	1	0
	0.987147804						
WFDC2	ENSG00000101443.17	0.217126857	6	6	0.043457503	Brain_Cortex	
	0.802378828	Brain_Cerebellum	2.86427875	0.132896261	0.132896261		
	-2.01928599	0.323397561	-0.902037622		0.832139689	6	0
	0.987147804						
ZNF571	ENSG00000180479.13	0.217162658	3	3	0.039179501		
	Brain_Nucleus_accumbens_basal_ganglia	0.796551032			Brain_Frontal_Cortex_BA9		
	1.386695096	0.599369031	0.599369031	-0.297710232	2.062296657		
	0.502257722	1.351180614	3	0	0.987147804		
LINC01532	ENSG00000267014.5	0.217310311	7	5	0.094610944		
	Brain_Nucleus_accumbens_basal_ganglia	0.98867557			Brain_Hypothalamus		
	4.708444433	0.02326193	0.278680457	-1.671560884	0.729994807		
	-0.153099308	0.793320824	5	0	0.987147804		
LMBRD2	ENSG00000164187.6	0.217418164	2	2	0.096684	Brain_Cortex	
	0.552241707	Brain_Spinal_cord_cervical_c-1	1.032444926		0.967555074		
	0.967555074	-1.661146636	-0.59440434	-1.127775488	0.754300711		
	2	0	0.987147804				
BDH2	ENSG00000164039.14	0.217455943	10	9	0.011252102		
	Brain_Substantia_nigra	0.797617091			Brain_Putamen_basal_ganglia		
	4.312368428	0.102622644	0.199630923	-2.534770493	0.417919992		
	-0.803605301	0.861168629	9	0	0.987147804		
GPCPD1	ENSG00000125772.12	0.217551667	2	2	0.090784135		
	Brain_Anterior_cingulate_cortex_BA24	0.933592412			Brain_Cerebellum	1.29562234	
	0.70437766	0.70437766	-1.691275824	-0.083325893	-0.887300859	1.1369923	
	2	0	0.987147804				
ACOT7	ENSG00000097021.19	0.217562883	1	1	0.217562883	Brain_Cerebellum	
	0.217562883	Brain_Cerebellum	1	1	1.233034526	1.233034526	
	1.233034526	NA	1	0	0.987147804		
RASSF7	ENSG00000099849.14	0.217761867	1	1	0.217761867		
	Brain_Cerebellum	0.217761867	Brain_Cerebellum	1	1	1	-1.232501337
	-1.232501337	-1.232501337	NA	1	0	0.987147804	
MKRN1	ENSG00000133606.10	0.217771482	2	2	0.161349735		
	Brain_Frontal_Cortex_BA9	0.268229635			Brain_Nucleus_accumbens_basal_ganglia		
	1.046881863	0.953118137	0.953118137	1.107148718	1.400546478		
	1.253847598	0.207463546	2	0	0.987147804		
SLC12A2	ENSG00000064651.13	0.21806908	3	3	0.049899737		
	Brain_Spinal_cord_cervical_c-1	0.739817599			Brain_Cerebellar_Hemisphere		
	1.702005687	0.346720882	0.346720882	-1.960822463	-0.332094902		
	-0.901510621	0.918252158	3	0	0.987147804		
ACVR1	ENSG00000115170.13	0.2180927	1	1	0.2180927	Brain_Cerebellar_Hemisphere	
	0.2180927	Brain_Cerebellar_Hemisphere	1	1	1	1.23161563	1.23161563
	1.23161563	NA	1	0	0.987147804		
HEBP2	ENSG00000051620.10	0.218150345	4	2	0.530961518		
	Brain_Hypothalamus	0.785271937			Brain_Cerebellar_Hemisphere	3.685893837	
	0.075740327	0.144036307	-0.626538919		0.272455327	-0.329702882	
	0.412062257	2	0	0.987147804			
GEMIN2	ENSG00000092208.16	0.218163513	1	1	0.218163513		
	Brain_Frontal_Cortex_BA9	0.218163513			Brain_Frontal_Cortex_BA9	1	1
	1	1.231426172	1.231426172	1.231426172	NA	1	0

0.987147804
SMPDL3B ENSG00000130768.14 0.218189069 4 1 0.187734732
Brain_Cerebellar_Hemisphere 0.29024482 Brain_Cerebellum 3.951291255
0.000972841 3.951291255 -1.317310008 -1.057584702 -1.224115577
0.121049743 1 0 0.987147804
LRTOMT ENSG00000184154.13 0.218194455 1 1 0.218194455
Brain_Hippocampus 0.218194455 Brain_Hippocampus 1 1 1
1.231343404 1.231343404 1.231343404 NA 1 0 0.987147804
RP11-448A19.1 ENSG00000273329.1 0.218432402 7 4 0.01274595
Brain_Spinal_cord_cervical_c-1 0.617804985 Brain_Cerebellar_Hemisphere
4.639909353 0.028799712 0.503788654 -2.490789809 0.49896366
-1.532598716 0.990718678 4 0 0.987147804
NCALD ENSG00000104490.17 0.218553284 3 3 0.075444836
Brain_Nucleus_accumbens_basal_ganglia 0.646173499 Brain_Cerebellum
1.104788396 0.882705821 0.882705821 -1.777750532 1.121491173
-0.065724959 1.519200227 3 0 0.987147804
RP11-360K13.1 ENSG00000254587.1 0.218681066 1 1 0.218681066
Brain_Cortex 0.218681066 Brain_Cortex 1 1 1 -1.230042833
-1.230042833 -1.230042833 NA 1 0 0.987147804
NOS2 ENSG00000007171.16 0.218703285 12 5 0.057366904
Brain_Hypothalamus 0.386325371 Brain_Putamen_basal_ganglia 8.230790907
0.001208197 0.522376468 -1.900504814 1.117163062 -1.073404065
0.754828887 5 0 0.987147804
RP13-516M14.1 ENSG00000260563.3 0.218738201 7 2 0.093298157
Brain_Cortex 0.572904313 Brain_Putamen_basal_ganglia 5.851082569
0.000410449 0.99525624 0.563779341 1.678250756 1.442871526
0.397509511 2 0 0.987147804
DNAJC5G ENSG00000163793.12 0.218746078 1 1 0.218746078
Brain_Cortex 0.218746078 Brain_Cortex 1 1 1 1.229869232
1.229869232 1.229869232 NA 1 0 0.987147804
ALDOA ENSG00000149925.17 0.21876987 1 1 0.21876987 Brain_Cerebellum 0.21876987
Brain_Cerebellum 1 1 1 -1.229805708 -1.229805708 -1.229805708
NA 1 0 0.987147804
FCGRT ENSG00000104870.12 0.218886538 7 7 0.015036003
Brain_Hippocampus 0.979896317 Brain_Cerebellar_Hemisphere 3.475833487
0.119912498 0.119912498 -2.431510724 -0.025198897 -1.602332534
0.823975621 7 0 0.987147804
SERINC5 ENSG00000164300.16 0.218911365 12 11 0.030549662
Brain_Caudate_basal_ganglia 0.824442841 Brain_Cerebellar_Hemisphere
2.947707893 0.010045377 0.283720764 -2.162889732 1.40807695
-0.359692185 1.21002858 11 0 0.987147804
C16orf74 ENSG00000154102.10 0.219005326 4 4 0.114615163
Brain_Nucleus_accumbens_basal_ganglia 0.899275473
Brain_Spinal_cord_cervical_c-1 2.770791297 0.094786621 0.094786621
0.126576657 1.57778434 0.827468556 0.593295705 4 0
0.987147804
PLA2G2A ENSG00000188257.10 0.219051808 1 1 0.219051808
Brain_Spinal_cord_cervical_c-1 0.219051808 Brain_Spinal_cord_cervical_c-1
1 1 1 1.229053339 1.229053339 1.229053339 NA 1 0
0.987147804
SNRPG ENSG00000143977.13 0.219111955 1 1 0.219111955 Brain_Cortex
0.219111955 Brain_Cortex 1 1 1 -1.228892922 -1.228892922
-1.228892922 NA 1 0 0.987147804
LGALS9 ENSG00000168961.16 0.219133752 3 3 0.069808422
Brain_Cortex 0.666814095 Brain_Putamen_basal_ganglia 1.719700446
0.330885649 0.330885649 -0.430524573 1.813151734 1.04757947
1.280350341 3 0 0.987147804
RP11-285F16.1 ENSG00000273030.1 0.219149805 1 1 0.219149805
Brain_Hypothalamus 0.219149805 Brain_Hypothalamus 1 1 1
1.228791991 1.228791991 1.228791991 NA 1 0 0.987147804
CACNA2D4 ENSG00000151062.14 0.21917192 2 2 0.099237783
Brain_Putamen_basal_ganglia 0.18621227 Brain_Caudate_basal_ganglia 1.928694407

	0.071305593	0.071305593	1.321867519	1.648560126	1.485213822
	0.231006558	2 0	0.987147804		
SLC1A2	ENSG00000110436.11	0.219186915	1	1	0.219186915
	Brain_Cerebellar_Hemisphere	0.219186915		Brain_Cerebellar_Hemisphere	1
	1 1.228693044	1.228693044	1.228693044	NA	1 0
	0.987147804				
MGAT3	ENSG00000128268.11	0.219482041	5	3	0.065518849
	Brain_Nucleus_accumbens_basal_ganglia	0.433964644		Brain_Hypothalamus	
	4.126125479	0.005439261	0.284548955	0.782425345	1.841701335
	1.445650151	0.432695004	3 0	0.987147804	
GRHPR	ENSG00000137106.17	0.219577589	8	7	0.130444052
	Brain_Nucleus_accumbens_basal_ganglia	0.788238728		Brain_Cerebellar_Hemisphere	
	2.846250279	0.061483463	0.129350916	-1.512353128	1.08172124
	-0.315002863	0.909885218	7 0	0.987147804	
WDHD1	ENSG00000198554.11	0.219755709	2	2	0.110869745
	Brain_Frontal_Cortex_BA9	0.114958812		Brain_Nucleus_accumbens_basal_ganglia	
	1.658846976	0.341153024	0.341153024	-1.594296036	-1.576290753
	-1.585293395	0.012731658	2 0	0.987147804	
RP5-1085F17.3	ENSG00000260257.2	0.219868713	4	4	0.040216199
	Brain_Hypothalamus	0.390399755		Brain_Caudate_basal_ganglia	2.475591948
	0.218074707	0.218074707	0.858892632	2.051521385	1.339365491
	0.506210634	4 0	0.987147804		
LINC00940	ENSG00000235049.1	0.219967081	8	8	0.01892352
	Brain_Caudate_basal_ganglia	0.987461673		Brain_Cortex	1.879361398
	0.162479315	0.162479315	-2.347034155	0.180303913	-0.719707387
	0.896234091	8 0	0.987147804		
OPN1SW	ENSG00000128617.2	0.22002358	3	3	0.038743051
	Brain_Putamen_basal_ganglia	1.46382015		Brain_Amygdala	
	0.765885329	0.297761332	2.066905588	1.029246114	0.923458205
	0.703742949	3 0	0.987147804		
SLC12A7	ENSG00000113504.20	0.220137645	1	1	0.220137645
	Brain_Cerebellum	0.220137645		Brain_Cerebellum	1 1 1
	-1.226162195	-1.226162195	NA	1 0	0.987147804
TXN	ENSG00000136810.12	0.220220514	9	4	0.290269947
	Brain_Spinal_cord_cervical_c-1	0.811953098		Brain_Hypothalamus	
	6.957679893	0.022437083	0.241409862	-1.057529612	0.622681132
	-0.410899919	0.481534224	4 0	0.987147804	
EME1	ENSG00000154920.14	0.220227225	5	3	0.052482522
	Brain_Substantia_nigra	0.685284915		Brain_Spinal_cord_cervical_c-1	
	2.989795642	0.00060841	0.911227846	-0.747763547	1.939154547
	0.058567073	1.153226512	3 0	0.987147804	
SIK2	ENSG00000170145.4	0.22023841	2	2	0.109531831
	Brain_Spinal_cord_cervical_c-1	0.572033498		Brain_Cerebellar_Hemisphere	
	1.071970053	0.928029947	0.928029947	0.565059201	1.600300975
	1.082680088	0.732026478	2 0	0.987147804	
INTS4	ENSG00000149262.16	0.220252167	4	3	0.033032175
	Brain_Hypothalamus	0.87604214		Brain_Cerebellum	2.431349516
	0.615061839	0.155988431	2.131691997	1.30697603	0.944975187
	0	0.987147804			3
RP4-669L17.10	ENSG00000237094.11	0.220389633	1	1	0.220389633
	Brain_Hippocampus	0.220389633		Brain_Hippocampus	1 1 1
	-1.225492716	-1.225492716	-1.225492716	NA	1 0
ACTB	ENSG00000075624.13	0.220411096	1	1	0.220411096
	Brain_Putamen_basal_ganglia	0.220411096		Brain_Putamen_basal_ganglia	1 1
	1 1.225435719	1.225435719	1.225435719	NA	1 0
	0.987147804				
LYPD6	ENSG00000187123.14	0.220574561	5	5	0.056882477
	Brain_Substantia_nigra	1.670569549		Brain_Cerebellum	
	0.999872435	-0.557456359	1.904212784	0.364366642	
	0.364366642		0.790321519	1.02681405	5
	0	0.987147804			
FAM189B	ENSG00000160767.20	0.220579505	1	1	0.220579505
	Brain_Cortex	0.220579505		Brain_Cortex	1 1 1
					-1.22498863

	-1.22498863	-1.22498863	NA	1	0	0.987147804	
UBL4B	ENSG00000186150.4	0.22066876	1	1	0.22066876	Brain_Cortex	0.22066876
	Brain_Cortex	1	1	1	-1.224751776	-1.224751776	-1.224751776
	NA	1	0	0.987147804			
SLC22A14	ENSG00000144671.10	0.220724446	3	3	0.041069168		
	Brain_Cortex	0.721338296			Brain_Cerebellum	1.295934973	0.702567007
	0.702567007	-2.042831026	0.440774112		-0.652909225		1.268026632
	3	0	0.987147804				
AMPD2	ENSG00000116337.15	0.220727321	3	3	0.035837806		
	Brain_Cerebellar_Hemisphere	0.960015553			Brain_Spinal_cord_cervical_c-1		
	1.397203431	0.60101593	0.60101593	0.050134066	2.098762906		
	0.980179495	1.037246335	3	0	0.987147804		
FAIM2	ENSG00000135472.8	0.22089877	3	3	0.133876118		
	Brain_Cerebellar_Hemisphere	0.564298199			Brain_Frontal_Cortex_BA9		
	1.721560054	0.29174257	0.29174257	0.576469027	1.498990417		
	1.135129463	0.491143112	3	0	0.987147804		
ZNF175	ENSG00000105497.7	0.221046574	7	6	0.016037677		
	Brain_Cerebellar_Hemisphere	0.624953445			Brain_Substantia_nigra		
	4.778035732	0.122014606	0.164714046		-2.408057003		0.488842163
	-1.352777231	0.904616426	6	0	0.987147804		
PARP2	ENSG00000129484.13	0.221147676	8	3	0.062329333		
	Brain_Nucleus_accumbens_basal_ganglia	0.99563097			Brain_Spinal_cord_cervical_c-1		
	6.44161565	0.009995123	0.35761013	-0.941711251	1.863945678		
	-0.019156005	0.818974648	3	0	0.987147804		
NACA	ENSG00000196531.10	0.221149379	3	3	0.075034372		
	Brain_Caudate_basal_ganglia	0.475502465			Brain_Cortex	1.140902629	
	0.844883419	0.844883419	-1.780254182		-0.713554882		-1.143702179
	0.562506913	3	0	0.987147804			
IRF8	ENSG00000140968.10	0.221257495	1	1	0.221257495	Brain_Cerebellum	
	0.221257495	Brain_Cerebellum	1	1	1.223191184	1.223191184	
	1.223191184	NA	1	0	0.987147804		
NEK3	ENSG00000136098.16	0.221329769	3	2	0.09470982		
	Brain_Anterior_cingulate_cortex_BA24	0.144295695			Brain_Putamen_basal_ganglia		
	2.609638883	0.071461411	0.318899707		1.459979547		1.671060036
	1.586456474	0.111596493	2	0	0.987147804		
TREM2	ENSG00000095970.16	0.221349972	1	1	0.221349972		
	Brain_Hypothalamus	0.221349972			Brain_Hypothalamus	1	1
	-1.22294632	-1.22294632	-1.22294632	NA	1	0	0.987147804
DUSP28	ENSG00000188542.9	0.221518889	2	2	0.098878806		
	Brain_Hypothalamus	0.643467158			Brain_Cerebellar_Hemisphere	1.046038706	
	0.953961294	0.953961294	-0.4628566	1.650313628	0.593728514		
	1.494236998	2	0	0.987147804			
CYP24A1	ENSG00000019186.9	0.221529574	5	3	0.098804384		
	Brain_Amygdala	0.968156887			Brain_Anterior_cingulate_cortex_BA24		
	3.792139676	1.10E-18	0.163452057		-1.650677796		0.063040614
	-0.482769575	0.779792614	3	0	0.987147804		
GINM1	ENSG00000055211.12	0.221532651	8	6	0.069357133		
	Brain_Frontal_Cortex_BA9	0.915601873			Brain_Cortex	5.710329917	
	0.006444174	0.235814494	-0.105975396		1.816086311		1.218020608
	0.713312979	6	0	0.987147804			
ZPR1	ENSG00000109917.10	0.221550062	8	4	0.068646655		
	Brain_Anterior_cingulate_cortex_BA24	0.844314485			Brain_Caudate_basal_ganglia		
	6.050953334	0.007415431	0.362235479		-1.820738246		0.196377782
	-1.122322717	0.68121068	4	0	0.987147804		
PPM1L	ENSG00000163590.13	0.221695434	2	2	0.185731462		
	Brain_Cerebellar_Hemisphere	0.818950957			Brain_Cerebellum	1.74201542	0.25798458
	0.25798458	0.228894446	1.323312544		0.776103495	0.773870458	2
	0	0.987147804					
LIN37	ENSG00000267796.7	0.221847583	2	2	0.181901232	Brain_Cerebellum	
	0.254550662	Brain_Nucleus_accumbens_basal_ganglia	1.02309487	0.97690513			
	0.97690513	1.139365686	1.33492397	1.237144828	0.138280589	2	0
	0.987147804						

ALG1	ENSG00000033011.11	0.22185762	2	2	0.108780946	Brain_Cerebellum			
	0.517780386	Brain_Cerebellar_Hemisphere	1.010111578		0.989888422				
	0.989888422	-1.6036966	-0.646770656		-1.125233628	0.676648824			2
	0	0.987147804							
MYO15B	ENSG00000266714.6	0.221866013	8	8	0.037287078				
	Brain_Cerebellum	0.577406871	Brain_Hypothalamus	2.6350294	0.088514893				
	0.088514893	-1.094939828	2.082606807		0.577928478	1.06797357			8
	0	0.987147804							
RBM8A	ENSG00000265241.6	0.22189923	6	1	0.21408736	Brain_Cerebellum	0.23793172		
	Brain_Hypothalamus	5.968702191	6.56E-18	5.968702191	1.180172234				
	1.242404488	1.218250718	0.021136701	1	0	0.987147804			
DHX57	ENSG00000163214.20	0.221986006	2	2	0.090598223	Brain_Cerebellum			
	0.647990877	Brain_Nucleus_accumbens_basal_ganglia	1.043774402						
	0.956225598	0.956225598	-1.692250493		0.456555073	-0.61784771			
	1.519434987	2	0	0.987147804					
PAGR1	ENSG00000280789.1	0.222022835	1	1	0.222022835	Brain_Cerebellum			
	0.222022835	Brain_Cerebellum	1	1	-1.221166898	-1.221166898			
	-1.221166898	NA	1	0	0.987147804				
DYNC2LI1	ENSG00000138036.18	0.22210417	4	2	0.260850805				
	Brain_Hypothalamus	0.983422702	Brain_Caudate_basal_ganglia	3.627677591					
	0.017742018	0.246594434	-1.124382471		-0.020778056	-0.513769119			
	0.530510466	2	0	0.987147804					
MYO10	ENSG00000145555.14	0.222112192	1	1	0.222112192				
	Brain_Anterior_cingulate_cortex_BA24	0.222112192							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.220930877				
	1.220930877	1.220930877	NA	1	0	0.987147804			
ZNF384	ENSG00000126746.17	0.222223464	2	2	0.210691098				
	Brain_Cerebellum	0.222561316	Brain_Hypothalamus	1.015399171					
	0.984600829	0.984600829	-1.25166736		-1.219745634	-1.235706497			
	0.022572069	2	0	0.987147804					
DISP2	ENSG00000140323.5	0.222382081	11	4	0.034575439				
	Brain_Frontal_Cortex_BA9	0.314549719	Brain_Nucleus_accumbens_basal_ganglia						
	8.443061139	0.016477784	0.401049719	1.005721165	2.113296023				
	1.624458629	0.330607606	4	0	0.987147804				
COPE	ENSG00000105669.13	0.222399234	11	5	0.054402933				
	Brain_Putamen_basal_ganglia	0.89826874	Brain_Hypothalamus	7.868489735					
	0.002896048	0.299278543	-1.923614415		0.267928258	-1.12019152			
	0.742771953	5	0	0.987147804					
FETUB	ENSG00000090512.11	0.222503289	1	1	0.222503289				
	Brain_Spinal_cord_cervical_c-1	0.222503289	Brain_Spinal_cord_cervical_c-1						
	1	1	1	1.219898672	1.219898672	1.219898672	NA	1	0
	0.987147804								
R3HCC1	ENSG00000104679.10	0.22261536	1	1	0.22261536				
	Brain_Spinal_cord_cervical_c-1	0.22261536	Brain_Spinal_cord_cervical_c-1	1					
	1	1	1.219603128	1.219603128	1.219603128	NA	1	0	
	0.987147804								
RRAS	ENSG00000126458.3	0.222937447	1	1	0.222937447				
	Brain_Spinal_cord_cervical_c-1	0.222937447	Brain_Spinal_cord_cervical_c-1						
	1	1	1	1.218754338	1.218754338	1.218754338	NA	1	0
	0.987147804								
NPIP3	ENSG00000169246.16	0.222990787	4	4	0.639428143				
	Brain_Amygdala	0.843123107	Brain_Cortex	2.340428475	0.087109053				
	0.087109053	-0.388288726	0.468498501		-0.017593236	0.420168927			
	4	0	0.987147804						
GRK7	ENSG00000114124.2	0.223129801	6	4	0.080453675				
	Brain_Spinal_cord_cervical_c-1	0.817947416							
	Brain_Nucleus_accumbens_basal_ganglia	4.400468402	0.023964301						
	0.386890778	-0.230185774	1.748059791		0.996168364	0.758804612			
	4	0	0.987147804						
AGGF1	ENSG00000164252.12	0.223173216	3	3	0.156944722				
	Brain_Caudate_basal_ganglia	0.285522154	Brain_Nucleus_accumbens_basal_ganglia						
	1.20485807	0.808099211	0.808099211		1.06799636	1.415422278			

	1.289055676	0.192096915	3	0	0.987147804		
RFC4	ENSG00000163918.10	0.223196298	9	3	0.129649358		
	Brain_Anterior_cingulate_cortex_BA24	0.920761133			Brain_Substantia_nigra		
	7.236141999	9.72E-19	0.573723098		-1.515486061	0.364462428	
	-0.212021988	0.619379925	3	0	0.987147804		
ARSB	ENSG00000113273.15	0.223212223	11	6	0.238876863		
	Brain_Anterior_cingulate_cortex_BA24	0.997375449			Brain_Putamen_basal_ganglia		
	7.707231181	0.027415973	0.288282422		-1.177798711	0.853076986	
	-0.284329316	0.578838333	6	0	0.987147804		
UNG	ENSG00000076248.10	0.223230661	2	2	0.182420028		
	Brain_Substantia_nigra	0.237219781			Brain_Nucleus_accumbens_basal_ganglia		
	1.059076682	0.940923318	0.940923318		-1.181964515	1.333340684	
	0.075688085	1.778589363	2	0	0.987147804		
NXP4	ENSG00000182379.9	0.223232011	2	2	0.145549356		
	Brain_Cerebellar_Hemisphere	0.472299038			Brain_Cerebellum	1.144253076	
	0.855746924	0.855746924	-1.455433253		0.718743399	-0.368344927	
	1.537375054	2	0	0.987147804			
AKR1E2	ENSG00000165568.17	0.223248375	7	7	0.019365375		
	Brain_Spinal_cord_cervical_c-1	0.587644586			Brain_Cortex	1.749773117	
	0.46566274	0.46566274	-1.392323825		2.338421856	0.700782148	
	1.107721185	7	0	0.987147804			
SPICE1	ENSG00000163611.11	0.22325768	1	1	0.22325768	Brain_Cerebellum	
	0.22325768	Brain_Cerebellum	1	1	-1.217911305	-1.217911305	
	-1.217911305	NA	1	0	0.987147804		
THSD7B	ENSG00000144229.11	0.223278774	3	3	0.063345786		
	Brain_Caudate_basal_ganglia	0.902300371			Brain_Cerebellum	1.597847556	
	0.543000383	0.543000383	-1.856756634		0.122755933	-0.841547521	
	0.990737624	3	0	0.987147804			
IFITM1	ENSG00000185885.15	0.223326028	4	4	0.175799871		
	Brain_Hippocampus	0.274099357			Brain_Spinal_cord_cervical_c-1		
	1.144605873	0.794043659	0.794043659		1.093670864	1.353801012	
	1.219057124	0.136273466	4	0	0.987147804		
SPRTN	ENSG00000010072.15	0.223413406	1	1	0.223413406	Brain_Amygdala	
	0.223413406	Brain_Amygdala	1	1	1.217501659	1.217501659	
	1.217501659	NA	1	0	0.987147804		
VAV2	ENSG00000160293.16	0.22364266	2	2	0.084600199		
	Brain_Spinal_cord_cervical_c-1	0.862349881			Brain_Cerebellum	1.016163485	
	0.983836515	0.983836515	-1.724596585		-0.173383644	-0.948990115	
	1.09687319	2	0	0.987147804			
AC133633.2	ENSG00000253444.1	0.223909558	6	6	0.097244896		
	Brain_Hypothalamus	0.595223337			Brain_Frontal_Cortex_BA9	1.773859133	
	0.44947651	0.44947651	-1.658359651		0.531282057	-0.904580989	
	0.846718226	6	0	0.987147804			
TSPAN2	ENSG00000134198.9	0.223921716	2	2	0.084131599		
	Brain_Cerebellum	0.426749064			Brain_Cerebellar_Hemisphere	1.509209832	
	0.490790168	0.490790168	0.794766977		1.727200843	1.26098391	
	0.65933031	2	0	0.987147804			
RTEL1	ENSG00000258366.7	0.223939883	1	1	0.223939883	Brain_Cortex	
	0.223939883	Brain_Cortex	1	1	-1.21611824	-1.21611824	
	-1.21611824	NA	1	0	0.987147804		
FAM222A	ENSG00000139438.5	0.224012841	2	2	0.103196863		
	Brain_Cortex	0.674446587			Brain_Cerebellar_Hemisphere	1.096632607	
	0.903367393	0.903367393	0.420053205		1.629548941	1.024801073	
	0.855242637	2	0	0.987147804			
OSTM1	ENSG00000081087.14	0.224061782	6	2	0.0695276	Brain_Cortex	
	0.241756774	Brain_Nucleus_accumbens_basal_ganglia	5.461149134				
	0.000196206	0.229348349	-1.814975988		-1.17060702	-1.439761773	
	0.293765727	2	0	0.987147804			
PRDM16	ENSG00000142611.16	0.224066838	1	1	0.224066838		
	Brain_Spinal_cord_cervical_c-1	0.224066838			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-1.215784991	-1.215784991	-1.215784991	NA
	0.987147804						1

NBPF26	ENSG00000273136.6	0.224188435	7	7	0.003891824		
	Brain_Nucleus_accumbens_basal_ganglia	0.783396523				Brain_Caudate_basal_ganglia	
	2.099918864	0.074044475	0.074044475	-2.886799302	0.343560606		
	-0.982362861	1.056031513	7	0	0.987147804		
CNIH4	ENSG00000143771.11	0.224261155	5	5	0.014599402		
	Brain_Hypothalamus	0.407248429				Brain_Cerebellar_Hemisphere	2.375244291
	0.354432505	0.354432505	0.828745508	2.442166738	1.499083995		
	0.589098779	5	0	0.987147804			
MAGOHB	ENSG00000111196.9	0.224296652	1	1	0.224296652		
	Brain_Frontal_Cortex_BA9	0.224296652				Brain_Frontal_Cortex_BA9	1 1
	1 1.215182084	1.215182084	1.215182084	NA	1 0		
	0.987147804						
STAT6	ENSG00000166888.11	0.224313474	4	3	0.075117486		
	Brain_Frontal_Cortex_BA9	0.264764229				Brain_Cerebellum	2.621198465
	0.046576509	0.292855402	-1.473445506	1.779746322	0.666943858		
	1.455581596	3	0	0.987147804			
ABHD14A	ENSG00000248487.8	0.224327723	4	4	0.212654693		
	Brain_Frontal_Cortex_BA9	0.834535031				Brain_Hippocampus	1.754603511
	0.280718923	0.280718923	-0.671060879	1.246298868	0.138579251		
	0.821221412	4	0	0.987147804			
TRIM38	ENSG00000112343.10	0.224390119	1	1	0.224390119		
	Brain_Substantia_nigra	0.224390119				Brain_Substantia_nigra	1 1
	1 1.214937003	1.214937003	1.214937003	NA	1 0		
	0.987147804						
ADRA1D	ENSG00000171873.7	0.224519841	3	3	0.180679846		
	Brain_Frontal_Cortex_BA9	0.321136439				Brain_Cerebellum	1.062213601
	0.937647272	0.937647272	-1.338664722	1.176391363	0.276617291		
	1.40190602	3	0	0.987147804			
MT1A	ENSG00000205362.11	0.224640124	2	2	0.201216546	Brain_Amygdala	
	0.255933317	Brain_Cerebellum	1.021021854	0.978978146	0.978978146		
	-1.278093258	1.136055548	-0.071018855	1.707060992	2	0	
	0.987147804						
HPS5	ENSG00000110756.17	0.224671676	4	3	0.089056345		
	Brain_Cerebellar_Hemisphere	0.544893404				Brain_Cortex	2.393547643
	0.060187688	0.503261183	-1.571000928	1.700396631	0.607455584		
	1.540881004	3	0	0.987147804			
ESPN	ENSG00000187017.15	0.224694135	1	1	0.224694135		
	Brain_Hypothalamus	0.224694135				Brain_Hypothalamus	1 1 1
	-1.214140347	-1.214140347	-1.214140347	NA	1 0	0.987147804	
ARMC10	ENSG00000170632.13	0.224722892	9	4	0.141945851		
	Brain_Hippocampus	0.578294122				Brain_Cortex	6.620343611
	0.023763209	0.347822465	-1.468583285	1.367051585	0.641114143		
	0.831670736	4	0	0.987147804			
XRCC5	ENSG00000079246.15	0.224851462	11	4	0.129755765	Brain_Cortex	
	0.924954172	Brain_Cerebellum	8.232822902	0.000546548	0.317294896		
	-1.515065708	0.997361085	0.303627647	0.679790275	4	0	
	0.987147804						
COX4I2	ENSG00000131055.4	0.224874193	3	2	0.315233574		
	Brain_Caudate_basal_ganglia	0.491471099				Brain_Anterior_cingulate_cortex_BA24	
	2.358893888	0.045579214	0.595526898	-0.687970912	1.004300955		
	0.415328855	0.95621427	2	0	0.987147804		
GALNT13	ENSG00000144278.14	0.224989294	3	2	0.164548185		
	Brain_Nucleus_accumbens_basal_ganglia	0.66606952				Brain_Cerebellum	2.184337408
	0.005989159	0.809673433	-1.38993642	-0.431548604	-0.791933411		
	0.52151089	2	0	0.987147804			
GJC1	ENSG00000182963.9	0.22503019	2	1	0.220198171	Brain_Cerebellum	
	0.236689638	Brain_Cerebellar_Hemisphere	1.971717154	0.028282846			
	1.971717154	-1.226001339	-1.183301602	-1.20465147	0.030193274		
	1	0	0.987147804				
CENPQ	ENSG00000031691.6	0.225079382	13	4	0.038512235	Brain_Amygdala	
	0.904984278	Brain_Substantia_nigra	10.15036897	0.014099284			
	0.350857741	-2.069360871	-0.119367412	-0.609690985	0.604968993		

4	0	0.987147804							
CAPN8	ENSG00000203697.11	0.225079769	11	5	0.040745489				
	Brain_Substantia_nigra	0.917212737			Brain_Hypothalamus	8.354310408			
	0.010094317	0.426311818			0.103945327	2.046110616			1.36970316
	0.563626209	5	0	0.987147804					
LINC01569	ENSG00000262468.5	0.22514249	3	3	0.133588818				Brain_Cortex
	0.619866984	Brain_Putamen_basal_ganglia	1.805715776		0.495975092				
	0.495975092	-1.500098775	0.496038874		-0.76105018				1.094264966
	3	0	0.987147804						
TGM1	ENSG00000092295.11	0.225313469	10	6	0.050428343				
	Brain_Hypothalamus	0.959897184			Brain_Cerebellum	6.55751735	0.026461755		
	0.258921371	-0.593294209	1.956312578		0.42404291	0.782030618			6
	0	0.987147804							
LYN	ENSG00000254087.7	0.225328849	4	4	0.089781977				Brain_Cerebellum
	0.955813418	Brain_Hippocampus	1.831723326		0.21847241	0.21847241			
	-1.696548902	1.668306418	-0.201118873		1.436944224	4	0		
	0.987147804								
CMYA5	ENSG00000164309.14	0.225340366	1	1	0.225340366				Brain_Amygdala
	0.225340366	Brain_Amygdala	1	1	1	1.212449491			1.212449491
	1.212449491	NA	1	0	0.987147804				
DPF2	ENSG00000133884.9	0.225403813	4	4	0.07883651				Brain_Cerebellum
	0.935466714	Brain_Cortex	2.25589108	0.414964725	0.414964725				
	-1.757477168	0.151915988	-0.636331903		0.863369469	4	0		
	0.987147804								
MSX1	ENSG00000163132.6	0.225491392	1	1	0.225491392				Brain_Cerebellum
	0.225491392	Brain_Cerebellum	1	1	1	1.212054832			1.212054832
	1.212054832	NA	1	0	0.987147804				
LYZL4	ENSG00000157093.8	0.225530834	2	2	0.204150509				
	Brain_Frontal_Cortex_BA9	0.349599652			Brain_Anterior_cingulate_cortex_BA24				
	1.170396223	0.829603777	0.829603777		-1.269815077	0.935366118			
	-0.16722448	1.559298577	2	0	0.987147804				
ARHGAP28	ENSG00000088756.12	0.225534513	7	5	0.010961906				
	Brain_Spinal_cord_cervical_c-1	0.604613287			Brain_Hippocampus				
	4.515771145	0.03929875	0.152120608		0.517777832	2.54391086			
	1.862838118	0.722033946	5	0	0.987147804				
CACNB2	ENSG00000165995.18	0.225682268	5	5	0.024135648				
	Brain_Putamen_basal_ganglia	0.625564219			Brain_Caudate_basal_ganglia				
	2.038058541	0.124026674	0.124026674		-0.848087361	2.254963056			
	0.382632009	1.280531627	5	0	0.987147804				
TSNAXIP1	ENSG00000102904.14	0.225707224	4	2	0.069982563				
	Brain_Cerebellum	0.458466298			Brain_Cortex	3.472653485	0.01012452		
	0.465696358	-1.812023513	-0.741374671		-1.409556296	0.463630937			
	2	0	0.987147804						
GRIN2C	ENSG00000161509.13	0.225772433	1	1	0.225772433				
	Brain_Cerebellum	0.225772433			Brain_Cerebellum	1	1	1	-1.211320922
	-1.211320922	-1.211320922	NA	1	0	0.987147804			
TMEM95	ENSG00000182896.12	0.225799945	1	1	0.225799945				
	Brain_Spinal_cord_cervical_c-1	0.225799945			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.211249113	-1.211249113	-1.211249113	NA	1	0
	0.987147804								
RIT1	ENSG00000143622.10	0.225910632	2	2	0.327417648				Brain_Cerebellum
	0.770620568	Brain_Cerebellar_Hemisphere	1.715374655		0.284625345				
	0.284625345	-0.291563262	0.979328591		0.343882665	0.898656247			
	2	0	0.987147804						
ENDOV	ENSG00000173818.16	0.225966264	1	1	0.225966264				Brain_Cerebellum
	0.225966264	Brain_Cerebellum	1	1	1	-1.210815132			-1.210815132
	-1.210815132	NA	1	0	0.987147804				
HPSE2	ENSG00000172987.12	0.226096977	3	3	0.039705607				
	Brain_Hippocampus	0.427565352			Brain_Anterior_cingulate_cortex_BA24				
	1.897693071	0.287429709	0.287429709		-2.05679856	-0.793364733			
	-1.49651714	0.64371993	3	0	0.987147804				
CNOT1	ENSG00000125107.17	0.226105632	2	2	0.085149184				Brain_Cerebellum

	0.911186313	Brain_Caudate_basal_ganglia	1.007478589	0.992521411			
	0.992521411	0.111542314	1.721560388	0.916551351	1.138454698		
	2	0	0.987147804				
RP11-364L4.3	ENSG00000250969.1		0.226137113	1	1	0.226137113	
	Brain_Amygdala	0.226137113	Brain_Amygdala	1	1	1	1.210369571
	1.210369571	1.210369571	NA	1	0	0.987147804	
RP3-395P12.2	ENSG00000226375.1		0.226430508	3	3	0.038951031	
	Brain_Anterior_cingulate_cortex_BA24	0.240421675	Brain_Cerebellum				
	2.142510287	0.181336355	0.181336355	-2.064703846	-1.17393347		
	-1.679301476	0.457342083	3	0	0.987147804		
LINC00271	ENSG00000231028.8		0.226533129	3	3	0.103161746	
	Brain_Frontal_Cortex_BA9	0.579011629	Brain_Anterior_cingulate_cortex_BA24				
	1.819818246	0.422008762	0.422008762	0.554829	1.629714999		
	1.241702088	0.596517419	3	0	0.987147804		
FDFT1	ENSG00000079459.12		0.226547959	2	2	0.106100965	Brain_Cerebellum
	0.783632328	Brain_Cerebellar_Hemisphere	1.193466182	0.806533818			
	0.806533818	-1.615969233	0.274588597	-0.670690318	1.336826262		
	2	0	0.987147804				
ZC3H14	ENSG00000100722.18		0.226581571	2	2	0.12660844	Brain_Cortex
	0.574815477	Brain_Frontal_Cortex_BA9	1.148889189	0.851110811			
	0.851110811	-1.527613855	0.560973684	-0.483320086	1.476854412		
	2	0	0.987147804				
LPXN	ENSG00000110031.12		0.226689009	1	1	0.226689009	Brain_Cerebellum
	0.226689009	Brain_Cerebellum1	1	1	-1.208931902	-1.208931902	
	-1.208931902	NA	1	0	0.987147804		
POR	ENSG00000127948.15		0.226883119	3	3	0.05456471	
	Brain_Caudate_basal_ganglia	0.391551287	Brain_Cerebellar_Hemisphere				
	2.263672063	0.14273954	0.14273954	0.856807488	1.922326322		
	1.412298472	0.534212288	3	0	0.987147804		
NMRAL1	ENSG00000153406.13		0.226922807	13	2	0.051307147	
	Brain_Cortex	0.233319821	Brain_Anterior_cingulate_cortex_BA24				
	11.34682166	0.007585048	0.678851687	1.191850626	1.948901853		
	1.583078501	0.220919777	2	0	0.987147804		
RP11-234K24.6	ENSG00000278035.1		0.227120062	1	1	0.227120062	
	Brain_Nucleus_accumbens_basal_ganglia	0.227120062					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.20781076		
	-1.20781076	-1.20781076	NA	1	0	0.987147804	
TESMIN	ENSG00000132749.10		0.227121149	7	5	0.021131387	
	Brain_Nucleus_accumbens_basal_ganglia	0.765294974	Brain_Cerebellum				
	4.401569502	0.089826503	0.359175404	-0.29853486	2.305628725		
	1.110183573	0.862421927	5	0	0.987147804		
ZBED9	ENSG00000232040.2		0.227340627	1	1	0.227340627	
	Brain_Hippocampus	0.227340627	Brain_Hippocampus	1	1	1	
	-1.20723767	-1.20723767	-1.20723767	NA	1	0	0.987147804
LINC00334	ENSG00000182586.8		0.227426933	4	3	0.198245049	
	Brain_Putamen_basal_ganglia	0.895101922	Brain_Caudate_basal_ganglia				
	2.484983418	0.020291619	0.227752307	0.131851284	1.286567582		
	0.976029723	0.563197458	3	0	0.987147804		
MIER3	ENSG00000155545.19		0.227478348	1	1	0.227478348	
	Brain_Nucleus_accumbens_basal_ganglia	0.227478348					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.206880035		
	-1.206880035	-1.206880035	NA	1	0	0.987147804	
FBXO17	ENSG00000269190.5		0.227497275	8	2	0.0575599	
	Brain_Frontal_Cortex_BA9	0.275146668	Brain_Caudate_basal_ganglia				
	7.005697532	0.007566922	0.566419335	-1.899034805	-1.091286882		
	-1.543350357	0.236782776	2	0	0.987147804		
ESRRB	ENSG00000119715.14		0.227568864	6	5	0.224462839	
	Brain_Caudate_basal_ganglia	0.917660053	Brain_Cortex	3.812136972			
	0.112579208	0.220350719	-1.214746376	1.099836677	-0.064415397		
	0.775484067	5	0	0.987147804			
KLFL16	ENSG00000129911.8		0.227610759	1	1	0.227610759	Brain_Cortex
	0.227610759	Brain_Cortex	1	1	1	-1.206536331	-1.206536331

	-1.206536331	NA	1	0	0.987147804				
AC073283.4	ENSG00000234690.6			0.227613498	4	4	0.041685059		
	Brain_Nucleus_accumbens_basal_ganglia			0.899812047					
	Brain_Anterior_cingulate_cortex_BA24			1.22921	0.806347715		0.806347715		
	-0.220458056	2.036650689		0.723378007	1.090417245		4	0	
	0.987147804								
SLC35D1	ENSG00000116704.7			0.227721053	2	2	0.112377438		
	Brain_Putamen_basal_ganglia			0.377557055			Brain_Caudate_basal_ganglia		
	1.142843257	0.857156743		0.857156743			0.882406438		1.587597263
	1.23500185	0.498645214	2	0	0.987147804				
RP11-114F10.2	ENSG00000257890.1			0.227779988	3	2	0.067819296		
	Brain_Cerebellar_Hemisphere			0.157713064			Brain_Cerebellum		2.6025263
	0.042217604	0.355256097		-1.826205611			-1.412805013		-1.59283422
	0.211799564	2	0	0.987147804					
POLM	ENSG00000122678.16			0.227796944	12	7	0.069781055		
	Brain_Substantia_nigra			0.997419091			Brain_Cerebellar_Hemisphere		
	8.074269359	0.011141792		0.294914409			-1.813329244		0.696357341
	-1.128166327	0.790285127	7	0	0.987147804				
PEX7	ENSG00000112357.12			0.227876604	8	5	0.008106358		Brain_Cortex
	0.60682455	Brain_Spinal_cord_cervical_c-1		5.658694227			0.001168467		
	0.254441331	-2.647607527		0.514611468			-1.441960958		0.955725892
	5	0	0.987147804						
OR5K2	ENSG00000231861.2			0.227922588	6	1	0.184465675		
	Brain_Caudate_basal_ganglia			0.345250926			Brain_Frontal_Cortex_BA9		
	5.906196757	3.11E-10	5.906196757				-1.327130025		-0.943840961
	-1.195310211	0.130481567	1	0	0.987147804				
SLC16A8	ENSG00000100156.10			0.228026214	4	4	0.024229991		
	Brain_Spinal_cord_cervical_c-1			0.100116064			Brain_Amygdala		3.265637266
	0.135262596	0.135262596		1.644291208			2.253462692		1.912459097
	0.313066288	4	0	0.987147804					
ZNF419	ENSG00000105136.20			0.228117277	12	3	0.049407235		
	Brain_Spinal_cord_cervical_c-1			0.312700035					
	Brain_Anterior_cingulate_cortex_BA24			9.396472209			0.005143258		
	0.543359132	1.00957274	1.965060509		1.588075637		0.24082675	3	0
	0.987147804								
DNAJC5	ENSG00000101152.10			0.22825327	2	2	0.087803046		
	Brain_Hippocampus			0.804010653			Brain_Putamen_basal_ganglia		1.02767122
	0.97232878	0.97232878	-0.24815995		1.707102266		0.729471158		
	1.382579171	2	0	0.987147804					
RAB38	ENSG00000123892.11			0.228421964	3	3	0.158330986		
	Brain_Nucleus_accumbens_basal_ganglia			0.684066564			Brain_Caudate_basal_ganglia		
	1.589639651	0.443881327		0.443881327			-0.489257969		1.410707136
	0.17150964	1.073965876	3	0	0.987147804				
RSRC2	ENSG00000111011.17			0.228462831	1	1	0.228462831		
	Brain_Substantia_nigra			0.228462831			Brain_Substantia_nigra		1
	1	-1.204327995	-1.204327995		-1.204327995		NA	1	0
	0.987147804								
CEP120	ENSG00000168944.15			0.228463266	2	2	0.095692134		
	Brain_Hypothalamus			0.630848091			Brain_Spinal_cord_cervical_c-1		
	1.036177881	0.963822119		0.963822119			0.480533496		1.666106851
	1.073320173	0.838326959	2	0	0.987147804				
BORA	ENSG00000136122.15			0.228464425	1	1	0.228464425		Brain_Cerebellum
	0.228464425	Brain_Cerebellum		1	1	1	-1.204323867		-1.204323867
	-1.204323867	NA	1	0	0.987147804				
G3BP1	ENSG00000145907.14			0.228597166	4	4	0.193605788		
	Brain_Putamen_basal_ganglia			0.668501472			Brain_Cerebellum		2.536113989
	0.2957912	0.2957912	-0.428205556		1.299985942		0.633326317		0.74761501
	4	0	0.987147804						
ZNF211	ENSG00000121417.13			0.228805336	4	3	0.450923807		
	Brain_Putamen_basal_ganglia			0.649934154			Brain_Frontal_Cortex_BA9		
	3.160198634	0.075773746		0.188554479			-0.512817768		0.753875793
	0.313070137	0.564476844	3	0	0.987147804				

HEPACAM2	ENSG00000188175.9	0.228999942	1	1	0.228999942			
	Brain_Cerebellum	0.228999942	Brain_Cerebellum	1	1	1.202938962		
	1.202938962	1.202938962	NA	1	0	0.987147804		
CDCP2	ENSG00000157211.11	0.229004882	1	1	0.229004882	Brain_Cortex		
	0.229004882	Brain_Cortex	1	1	1	-1.202926196	-1.202926196	
	-1.202926196	NA	1	0	0.987147804			
COLQ	ENSG00000206561.12	0.229095276	2	1	0.172349961			
	Brain_Cerebellar_Hemisphere	0.302711708	Brain_Cerebellum	1.983309282				
	0.016690718	1.983309282	-1.364691726	-1.030635658	-1.197663692			
	0.236213311	1	0	0.987147804				
SMIM20	ENSG00000250317.8	0.229136768	1	1	0.229136768			
	Brain_Cerebellum	0.229136768	Brain_Cerebellum	1	1	1	-1.202585484	
	-1.202585484	-1.202585484	NA	1	0	0.987147804		
RPS6KA5	ENSG00000100784.10	0.229229001	2	2	0.086331846			
	Brain_Frontal_Cortex_BA9	0.652131577	Brain_Spinal_cord_cervical_c-1					
	1.300532954	0.699467046	0.699467046	0.450802947	1.715072986			
	1.082937967	0.893973918	2	0	0.987147804			
RP11-307C19.1	ENSG00000259362.2	0.229323567	13	6	0.036723444			
	Brain_Cerebellum	0.786470542	Brain_Hypothalamus	8.599751556				
	0.008104205	0.386859964	-0.270896624	2.088825393	1.502680821			
	0.587020911	6	0	0.987147804				
RPL27	ENSG00000131469.12	0.229338672	1	1	0.229338672			
	Brain_Anterior_cingulate_cortex_BA24	0.229338672						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.202064157			
	1.202064157	1.202064157	NA	1	0	0.987147804		
MAP1LC3A	ENSG00000101460.12	0.229640339	11	4	0.026437678			
	Brain_Amygdala	0.625524485	Brain_Frontal_Cortex_BA9	8.451147739				
	0.002689021	0.316636231	0.488035798	2.219721503	1.356060124			
	0.525297578	4	0	0.987147804				
PCDHB5	ENSG00000113209.8	0.229655353	2	2	0.135190983			
	Brain_Cerebellum	0.17780945	Brain_Caudate_basal_ganglia	1.380135954				
	0.619864046	0.619864046	-1.493941222	-1.34753046	-1.420735841			
	0.103528043	2	0	0.987147804				
TRIP13	ENSG00000071539.13	0.22977588	1	1	0.22977588			
	Brain_Cerebellar_Hemisphere	0.22977588	Brain_Cerebellar_Hemisphere	1	1	1		
	-1.200936383	-1.200936383	-1.200936383	NA	1	0	0.987147804	
FEN1	ENSG00000168496.3	0.229776581	1	1	0.229776581			
	Brain_Cerebellar_Hemisphere	0.229776581	Brain_Cerebellar_Hemisphere	1	1			
	1	-1.200934576	-1.200934576	-1.200934576	NA	1	0	
	0.987147804							
CALML6	ENSG00000169885.9	0.22991216	4	3	0.087039126			
	Brain_Hypothalamus	0.619124404	Brain_Caudate_basal_ganglia	1.95139833				
	0.050171905	0.980984713	-1.71122749	0.954075952	-0.535079161			
	1.114382918	3	0	0.987147804				
BOLA2B	ENSG00000169627.7	0.229974637	1	1	0.229974637			
	Brain_Hypothalamus	0.229974637	Brain_Hypothalamus	1	1	1		
	-1.200424194	-1.200424194	-1.200424194	NA	1	0	0.987147804	
CENPE	ENSG00000138778.11	0.230105021	4	4	0.045872586	Brain_Cerebellum		
	0.955598962	Brain_Substantia_nigra	2.403731675	0.3059495	0.3059495			
	-1.996563824	-0.055677202	-1.043434785	0.813478493	4	0		
	0.987147804							
GRWD1	ENSG00000105447.12	0.230123862	7	4	0.041458961			
	Brain_Frontal_Cortex_BA9	0.891654196	Brain_Nucleus_accumbens_basal_ganglia					
	5.52082403	0.001830674	0.254487602	-2.038910493	-0.136211358			
	-1.037391775	0.599075164	4	0	0.987147804			
KIAA1549	ENSG00000122778.9	0.230291271	1	1	0.230291271			
	Brain_Frontal_Cortex_BA9	0.230291271	Brain_Frontal_Cortex_BA9	1	1			
	1	-1.199608893	-1.199608893	-1.199608893	NA	1	0	
	0.987147804							
ARL6IP5	ENSG00000144746.6	0.230294308	8	8	0.03425039			
	Brain_Caudate_basal_ganglia	0.968842248	Brain_Putamen_basal_ganglia					
	1.684045296	0.497391516	0.497391516	-2.117111448	1.64750099			

	-0.174444231	1.166005105	8	0	0.987147804		
STAT5A	ENSG00000126561.16	0.230549457	1	1	0.230549457		
	Brain_Anterior_cingulate_cortex_BA24	0.230549457					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.19894468		
	-1.19894468	-1.19894468	NA	1	0	0.987147804	
RAP1GDS1	ENSG00000138698.14	0.230560385	1	1	0.230560385		
	Brain_Cerebellar_Hemisphere	0.230560385				Brain_Cerebellar_Hemisphere1	1
	1	1.198916577	1.198916577	1.198916577	NA	1	0
	0.987147804						
CUL4A	ENSG00000139842.14	0.230563057	1	1	0.230563057	Brain_Cerebellum	
	0.230563057	Brain_Cerebellum1	1	1	1.198909707	1.198909707	
	1.198909707	NA	1	0	0.987147804		
FAM69A	ENSG00000154511.11	0.230605578	4	4	0.217115242		
	Brain_Cerebellar_Hemisphere	0.908479214				Brain_Cerebellum2.220341744	
	0.099001018	0.099001018	-1.234235287	1.050718911	0.078576663		
	0.959592156	4	0	0.987147804			
CST3	ENSG00000101439.8	0.230763302	3	3	0.086655657		
	Brain_Nucleus_accumbens_basal_ganglia	0.513585662				Brain_Cerebellum	
	1.392514367	0.609932541	0.609932541	0.653264675	1.713309276		
	1.180596024	0.530042794	3	0	0.987147804		
METTL4	ENSG00000101574.14	0.23088279	10	4	0.227213426	Brain_Amygdala	
	0.884394138	Brain_Frontal_Cortex_BA9	7.644239905	0.015470839			
	0.292113348	-0.997446576	1.207568125	0.115954991	0.74547015	4	
	0	0.987147804					
MFSD1	ENSG00000118855.18	0.230882873	5	5	0.1191967		
	Brain_Anterior_cingulate_cortex_BA24	0.309562429				Brain_Frontal_Cortex_BA9	
	1.794616325	0.431785928	0.431785928	-1.136020314	1.558154198		
	-0.156673807	1.331940643	5	0	0.987147804		
GPX4	ENSG00000167468.16	0.231021052	8	5	0.047313411		
	Brain_Putamen_basal_ganglia	0.71915938				Brain_Nucleus_accumbens_basal_ganglia	
	4.169323704	0.019901015	0.404706693	-1.507483462	1.983483831		
	0.009608482	1.131960903	5	0	0.987147804		
SFRP5	ENSG00000120057.4	0.231134324	2	2	0.087826924	Brain_Cerebellum	
	0.401022305	Brain_Frontal_Cortex_BA9	1.553231036	0.446768964			
	0.446768964	-1.706973791	-0.839796841	-1.273385316	0.613186702		
	2	0	0.987147804				
HEBP1	ENSG00000013583.8	0.231248771	5	5	0.034208907		
	Brain_Substantia_nigra	0.748185144				Brain_Hypothalamus	1.811153981
	0.201125757	0.201125757	-2.117600607	-0.321033315	-1.134342972		
	0.680259129	5	0	0.987147804			
TSGA10IP	ENSG00000175513.9	0.231333705	1	1	0.231333705		
	Brain_Caudate_basal_ganglia	0.231333705				Brain_Caudate_basal_ganglia1	1
	1	1.196930346	1.196930346	1.196930346	NA	1	0
	0.987147804						
EXOC8	ENSG00000116903.7	0.231446895	4	4	0.064646165	Brain_Cortex	
	0.767572299	Brain_Hippocampus	2.119935094	0.265448184			
	0.265448184	-0.406435231	1.847697164	0.840375848	1.077220991		
	4	0	0.987147804				
FAXC	ENSG00000146267.11	0.231467873	1	1	0.231467873		
	Brain_Hippocampus	0.231467873				Brain_Hippocampus	1 1 1
	-1.196586223	-1.196586223	-1.196586223	NA	1	0	0.987147804
RP11-63G10.4	ENSG00000283445.1	0.231514029	1	1	0.231514029		
	Brain_Frontal_Cortex_BA9	0.231514029				Brain_Frontal_Cortex_BA9	1 1
	1	1.196467873	1.196467873	1.196467873	NA	1	0
	0.987147804						
CENPS	ENSG00000175279.21	0.231555368	4	4	0.040825652		
	Brain_Nucleus_accumbens_basal_ganglia	0.363884484				Brain_Frontal_Cortex_BA9	
	2.140020449	0.153012605	0.153012605	0.907988147	2.04529633		
	1.487833903	0.574284795	4	0	0.987147804		
RP11-371M22.1	ENSG00000251628.1	0.231619656	1	1	0.231619656		
	Brain_Frontal_Cortex_BA9	0.231619656				Brain_Frontal_Cortex_BA9	1 1
	1	-1.19619709	-1.19619709	-1.19619709	NA	1	0

0.987147804
CENPK ENSG00000123219.12 0.231622365 7 4 0.14848048
Brain_Anterior_cingulate_cortex_BA24 0.404256985 Brain_Cerebellum
5.400482175 4.06E-17 0.189472664 -1.444919566 1.41518977
0.735283269 0.97920467 4 0 0.987147804
ALLC ENSG00000151360.9 0.231704109 12 11 0.081801132
Brain_Putamen_basal_ganglia 0.895852313 Brain_Amygdala 4.766750811
0.073692936 0.180748444 -1.740329755 0.538538414 -0.781332508
0.88827711 11 0 0.987147804
SCRT1 ENSG00000261678.2 0.231705004 1 1 0.231705004
Brain_Cerebellar_Hemisphere 0.231705004 Brain_Cerebellar_Hemisphere1 1
1 -1.195978361 -1.195978361 -1.195978361 NA 1 0
0.987147804
DEFA4 ENSG00000164821.4 0.231826766 1 1 0.231826766 Brain_Amygdala
0.231826766 Brain_Amygdala 1 1 1 -1.195666405 -1.195666405
-1.195666405 NA 1 0 0.987147804
SNAP47 ENSG00000143740.14 0.231937225 11 6 0.260282487
Brain_Hypothalamus 0.908083902 Brain_Caudate_basal_ganglia 7.760558327
0.013794481 0.272937687 -1.125723704 0.522265633 -0.506998336
0.569090287 6 0 0.987147804
PHLDB2 ENSG00000144824.20 0.231939803 2 2 0.103141831
Brain_Cerebellum 0.717506647 Brain_Caudate_basal_ganglia 1.093249366
0.906750634 0.906750634 -1.629809188 0.361793103 -0.634008043
1.408275485 2 0 0.987147804
AUTS2 ENSG00000158321.15 0.232192763 2 2 0.135577185
Brain_Frontal_Cortex_BA9 0.317740293 Brain_Caudate_basal_ganglia
1.115417083 0.884582917 0.884582917 -1.492465386 -0.999112302
-1.245788844 0.348853312 2 0 0.987147804
MRPS36 ENSG00000134056.11 0.232267081 1 1 0.232267081
Brain_Cerebellar_Hemisphere 0.232267081 Brain_Cerebellar_Hemisphere1 1
1 -1.19453929 -1.19453929 -1.19453929 NA 1 0
0.987147804
EEF2KMT ENSG00000118894.14 0.232293227 1 1 0.232293227
Brain_Cerebellum 0.232293227 Brain_Cerebellum1 1 1 1 -1.194472409
-1.194472409 -1.194472409 NA 1 0 0.987147804
TNIP2 ENSG00000168884.14 0.232450562 2 2 0.100776727 Brain_Cortex
0.557035536 Brain_Nucleus_accumbens_basal_ganglia 1.590976673
0.409023327 0.409023327 -1.641099672 -0.587250418 -1.114175045
0.745183954 2 0 0.987147804
CTD-219904.6 ENSG00000272417.1 0.232609853 1 1 0.232609853
Brain_Spinal_cord_cervical_c-1 0.232609853 Brain_Spinal_cord_cervical_c-1
1 1 1 1.193662915 1.193662915 1.193662915 NA 1 0
0.987147804
FAM53A ENSG00000174137.12 0.232613236 4 4 0.096501601
Brain_Putamen_basal_ganglia 0.535216286 Brain_Cerebellar_Hemisphere 1.44101648
0.435445464 0.435445464 -1.662055727 0.620063037 -0.916329453
1.048570282 4 0 0.987147804
SLC22A3 ENSG00000146477.5 0.232657169 9 4 0.122142971
Brain_Spinal_cord_cervical_c-1 0.901194671
Brain_Anterior_cingulate_cortex_BA24 6.914284072 0.016976751 0.35953405
-1.545841008 1.063442541 0.439767267 0.831067167 4 0
0.987147804
VCPKMT ENSG00000100483.13 0.232686977 8 5 0.080536728
Brain_Putamen_basal_ganglia 0.854514094 Brain_Hypothalamus 5.599136334
0.044779149 0.226376933 -1.747580306 -0.183361867 -1.363130339
0.491202306 5 0 0.987147804
PPP1R12C ENSG00000125503.12 0.232716569 2 2 0.158624611
Brain_Cerebellum 0.334814067 Brain_Hippocampus 1.000592157
0.999407843 0.999407843 -1.409712438 -0.964462568 -1.187087503
0.314839203 2 0 0.987147804
TMEM132B ENSG00000139364.10 0.232778492 3 3 0.148789377
Brain_Putamen_basal_ganglia 0.753260737 Brain_Cerebellum 1.728777056

	0.271159111	0.271159111	-1.443820845	1.209743334	0.026755078				
	1.349955819	3	0	0.987147804					
MEF2B	ENSG00000213999.15	0.23283307	2	2	0.110757651	Brain_Cerebellum			
	0.245894876	Brain_Cerebellar_Hemisphere	1.896739547		0.103260453				
	0.103260453	-1.594796944	-1.160378158	-1.377587551	0.30718047	2			
	0	0.987147804							
KITLG	ENSG0000049130.14	0.232909325	1	1	0.232909325	Brain_Cerebellum			
	0.232909325	Brain_Cerebellum	1	1	-1.192897995	-1.192897995			
	-1.192897995	NA	1	0	0.987147804				
CTD-2006K23.1	ENSG00000261222.2	0.232920678	2	2	0.342154796				
	Brain_Cerebellar_Hemisphere	0.916859525	Brain_Cerebellum	1.863349303					
	0.136650697	0.136650697	0.10439042	0.949916276	0.527153348				
	0.597877066	2	0	0.987147804					
EGR2	ENSG00000122877.15	0.233091859	1	1	0.233091859				
	Brain_Caudate_basal_ganglia	0.233091859	Brain_Caudate_basal_ganglia	1	1				
	1	1.192432103	1.192432103	1.192432103	NA	1	0		
	0.987147804								
LRRC14	ENSG00000160959.7	0.23317174	1	1	0.23317174				
	Brain_Caudate_basal_ganglia	0.23317174	Brain_Caudate_basal_ganglia	1	1	1			
	1.1922283	1.1922283	1.1922283	NA	1	0	0.987147804		
NCF1	ENSG00000158517.13	0.233221055	2	2	0.088951726				
	Brain_Nucleus_accumbens_basal_ganglia	0.910141312	Brain_Amygdala						
	1.013160116	0.986839884	0.986839884	-1.700953467	0.112860299				
	-0.794046584	1.282560013	2	0	0.987147804				
SNX16	ENSG00000104497.13	0.233221515	13	4	0.018601568	Brain_Cerebellum			
	0.908608093	Brain_Substantia_nigra	9.786116685	0.004748135					
	0.470243435	-0.114794393	2.353420831	1.432593091	0.671884437				
	4	0	0.987147804						
EEF2	ENSG00000167658.15	0.233330921	2	2	0.097690761				
	Brain_Cerebellar_Hemisphere	0.654009123	Brain_Amygdala	1.023389974					
	0.976610026	0.976610026	-1.656153383	-0.44819964	-1.052176511				
	0.854152284	2	0	0.987147804					
TMEM110	ENSG00000213533.11	0.233345787	3	3	0.09935326				
	Brain_Hippocampus	0.184996611	Brain_Caudate_basal_ganglia	1.653889487					
	0.397821179	0.397821179	-1.647997131	-1.325526425	-1.491252071				
	0.161422821	3	0	0.987147804					
TMEM59	ENSG00000116209.11	0.233346408	1	1	0.233346408				
	Brain_Cortex	0.233346408	Brain_Cortex	1	1	1	1.191782835		
	1.191782835	1.191782835	NA	1	0	0.987147804			
STT3A	ENSG00000134910.12	0.233351418	1	1	0.233351418				
	Brain_Hypothalamus	0.233351418	Brain_Hypothalamus	1	1	1			
	-1.19177006	-1.19177006	-1.19177006	NA	1	0	0.987147804		
AF127936.5	ENSG00000226751.2	0.233387617	2	2	0.089431298				
	Brain_Frontal_Cortex_BA9	0.787189097	Brain_Hippocampus	1.065075137					
	0.934924863	0.934924863	-1.698405272	-0.269962509	-0.984183891				
	1.010061564	2	0	0.987147804					
UFSP2	ENSG00000109775.10	0.233421228	13	1	0.177410045	Brain_Cerebellum			
	0.347040055	Brain_Hypothalamus	12.45201661	1.02E-16	12.45201661				
	-1.348772517	-0.94034611	-1.168314382	0.09819025	1	0			
	0.987147804								
GALNT2	ENSG00000143641.9	0.233668962	4	4	0.051594851				
	Brain_Putamen_basal_ganglia	0.650673633	Brain_Cerebellar_Hemisphere						
	1.760768942	0.209562742	0.209562742	0.452826565	1.946498811				
	1.286952401	0.742026733	4	0	0.987147804				
KCTD6	ENSG00000168301.12	0.233720764	3	3	0.098815416				
	Brain_Cerebellar_Hemisphere	0.43237615	Brain_Cortex	1.038478913					
	0.968493578	0.968493578	-0.95261062	1.650623798	0.494381743				
	1.32574853	3	0	0.987147804					
AC109826.1	ENSG00000226791.6	0.233790344	3	3	0.09544643	Brain_Cortex			
	0.678216682	Brain_Spinal_cord_cervical_c-1	1.206604891	0.799273111					
	0.799273111	-1.66734195	0.785131456	-0.155770881	1.322083036				
	3	0	0.987147804						

RP11-190P13.2	ENSG00000242880.1	0.233852623	1	1	0.233852623				
	Brain_Spinal_cord_cervical_c-1	0.233852623			Brain_Spinal_cord_cervical_c-1				
	1 1 1 1.190493144	1.190493144			1.190493144	NA	1	0	
	0.987147804								
CPEB2-AS1	ENSG00000247624.6	0.234009968	2	2	0.094751891				
	Brain_Cerebellum	0.704721337			Brain_Caudate_basal_ganglia	1.02563461	0.97436539		
	0.97436539 -0.378954925	1.670847058			0.645946067	1.449428882	2		
	0 0.987147804								
BID	ENSG0000015475.18	0.234059251	5	2	0.287734994				Brain_Cortex
	0.619843409	Brain_Caudate_basal_ganglia	4.343929802		0.013954409				
	0.543416183 -1.063103552	0.49607229	-0.660093556		0.657809449		2		
	0 0.987147804								
DZANK1	ENSG00000089091.16	0.23409765	5	5	0.059294878				
	Brain_Frontal_Cortex_BA9	0.674909515			Brain_Cerebellum	3.063288295			
	0.12276426 0.12276426 -1.886000566	-0.419419583			-1.095492661	0.52837391			
	5 0 0.987147804								
CCDC69	ENSG00000198624.12	0.234207848	2	2	0.160916766				
	Brain_Hypothalamus	0.392044798			Brain_Cerebellum	1.078018157			
	0.921981843 0.921981843	0.855914998			1.401994913	1.128954956			
	0.386136811 2 0 0.987147804								
MAFF	ENSG00000185022.11	0.234288866	1	1	0.234288866				
	Brain_Caudate_basal_ganglia	0.234288866			Brain_Caudate_basal_ganglia	1	1		
	1 1.189383309 1.189383309	1.189383309	1.189383309	NA	1	0			
	0.987147804								
DESI1	ENSG00000100418.7	0.234333818	3	3	0.115741608				Brain_Cortex
	0.78993242	Brain_Putamen_basal_ganglia	1.495286781		0.496414247				
	0.496414247 -0.266398371	1.572901585			0.688565132	0.921681733			
	3 0 0.987147804								
ZNF266	ENSG00000174652.17	0.234335984	13	1	0.201353251				
	Brain_Substantia_nigra	0.375286989			Brain_Spinal_cord_cervical_c-1				
	12.79494339 2.86E-05 12.79494339	-1.277705597			-0.886613564				
	-1.179164524 0.098880238 1 0	0.987147804							
CENPL	ENSG00000120334.15	0.234364929	1	1	0.234364929				
	Brain_Frontal_Cortex_BA9	0.234364929			Brain_Frontal_Cortex_BA9	1	1		
	1 1.18918995 1.18918995 1.18918995	NA	1	0	0.987147804				
TYW1B	ENSG00000277149.4	0.234406696	13	1	0.058362561				
	Brain_Spinal_cord_cervical_c-1	0.370777025			Brain_Amygdala	12.52034533			
	0.000338584 12.52034533	0.895018825			1.892964726	1.167539391			
	0.302184625 1 0 0.987147804								
ZHX2	ENSG00000178764.7	0.234429041	1	1	0.234429041				
	Brain_Caudate_basal_ganglia	0.234429041			Brain_Caudate_basal_ganglia	1	1		
	1 1.189027004 1.189027004	1.189027004	1.189027004	NA	1	0			
	0.987147804								
TMED9	ENSG00000184840.11	0.23451457	4	2	0.118133134				
	Brain_Cerebellar_Hemisphere	0.555564384			Brain_Putamen_basal_ganglia	3.70856114			
	0.017783952 0.242919569	0.589442633			1.562657678	0.995941352			
	0.444055476 2 0 0.987147804								
FAM219B	ENSG00000178761.14	0.234553113	1	1	0.234553113				
	Brain_Hypothalamus	0.234553113			Brain_Hypothalamus	1	1	1	
	1.188711755 1.188711755	1.188711755	NA	1	0	0.987147804			
NDST2	ENSG00000166507.17	0.234556222	1	1	0.234556222				
	Brain_Nucleus_accumbens_basal_ganglia	0.234556222							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.188703858				
	1.188703858 1.188703858	NA	1	0	0.987147804				
KIAA0922	ENSG00000121210.15	0.234603816	1	1	0.234603816				
	Brain_Caudate_basal_ganglia	0.234603816			Brain_Caudate_basal_ganglia	1	1		
	1 -1.188582961 -1.188582961	-1.188582961	-1.188582961	NA	1	0			
	0.987147804								
GALNT15	ENSG00000131386.17	0.23461869	2	2	0.197976582				
	Brain_Frontal_Cortex_BA9	0.347975772			Brain_Spinal_cord_cervical_c-1				
	1.129491817 0.870508183	0.870508183			0.938522865	1.287337778			
	1.112930321 0.24664939	2	0	0.987147804					

POLR1D	ENSG00000186184.16	0.234619443	11	8	0.01817217	Brain_Cortex
	0.797656828	Brain_Cerebellum	4.859504134		0.066341983	0.177807091
	-0.362248397	2.362091218	1.066099586		1.014939257	8 0
	0.987147804					
ERN1	ENSG00000178607.15	0.234638695	4	3	0.13245472	
	Brain_Nucleus_accumbens_basal_ganglia	0.739752879				Brain_Hypothalamus
	1.977816133	0.036151748	0.976596285		-1.504492044	-0.332180617
	-1.10519484	0.526988499	3 0		0.987147804	
LINC02010	ENSG00000242671.1	0.234698116	1	1	0.234698116	
	Brain_Cerebellum	0.234698116	Brain_Cerebellum	1 1	1	-1.188343475
	-1.188343475	-1.188343475	NA 1	0	0.987147804	
RP11-354P17.15	ENSG00000261696.1	0.234769675	1	1	0.234769675	
	Brain_Frontal_Cortex_BA9	0.234769675	Brain_Frontal_Cortex_BA9	1 1	1	1
	1 1.188161787	1.188161787	1.188161787	NA 1	0	
	0.987147804					
SDC1	ENSG00000115884.10	0.234852178	2	2	0.158704797	Brain_Cerebellum
	0.289507815	Brain_Putamen_basal_ganglia	1.076256696		0.923743304	
	0.923743304	-1.409441035	1.059201956		-0.17511954	1.745594199
	2 0	0.987147804				
PRPF19	ENSG00000110107.8	0.234870052	1	1	0.234870052	
	Brain_Cerebellum	0.234870052	Brain_Cerebellum	1 1	1	1.187906999
	1.187906999	1.187906999	NA 1	0	0.987147804	
ITIH2	ENSG00000151655.18	0.234879364	4	4	0.055283395	
	Brain_Caudate_basal_ganglia	0.498218193	Brain_Cerebellum	1.82148446		
	0.197659824	0.197659824	-1.051169289		1.916642264	0.221178244
	1.357287411	4 0	0.987147804			
DGCR6	ENSG00000183628.12	0.234950775	4	4	0.057734936	
	Brain_Nucleus_accumbens_basal_ganglia	0.897758711	Brain_Caudate_basal_ganglia			
	1.944508877	0.266925431	0.266925431		-1.897705129	-0.12849316
	-1.408820765	0.854761877	4 0		0.987147804	
KIF22	ENSG00000079616.12	0.235079606	1	1	0.235079606	
	Brain_Hypothalamus	0.235079606	Brain_Hypothalamus	1 1	1	1
	1.187375331	1.187375331	1.187375331	NA 1	0	0.987147804
MMS19	ENSG00000155229.20	0.235149966	2	2	0.112161245	Brain_Cerebellum
	0.635769228	Brain_Substantia_nigra	1.084209346		0.915790654	
	0.915790654	-1.588553447	-0.47362236		-1.031087903	0.788375332
	2 0	0.987147804				
KCNJ9	ENSG00000162728.4	0.235235635	3	3	0.133964093	
	Brain_Putamen_basal_ganglia	0.223240915	Brain_Spinal_cord_cervical_c-1			
	1.502412398	0.491933067	0.491933067		-1.217955418	1.498651393
	0.535935211	1.521333591	3 0		0.987147804	
DUSP8	ENSG00000184545.10	0.235278061	1	1	0.235278061	
	Brain_Frontal_Cortex_BA9	0.235278061	Brain_Frontal_Cortex_BA9	1 1	1	1
	1 -1.186872133	-1.186872133	-1.186872133	NA 1	0	
	0.987147804					
C12orf71	ENSG00000214700.5	0.23531222	1	1	0.23531222	Brain_Hypothalamus
	0.23531222	Brain_Hypothalamus	1 1	1	1.186785551	1.186785551
	1.186785551	NA 1	0		0.987147804	
GNMT	ENSG00000124713.5	0.235352616	12	1	0.16687529	
	Brain_Cerebellar_Hemisphere	0.310275426	Brain_Putamen_basal_ganglia			
	11.59661449	0.000166649	11.59661449		1.014644274	1.382314061
	1.166816738	0.112301196	1 0		0.987147804	
SETD6	ENSG00000103037.11	0.235370516	3	3	0.057525688	
	Brain_Cerebellar_Hemisphere	0.401040815	Brain_Anterior_cingulate_cortex_BA24			
	1.824025943	0.17754882	0.17754882		-0.839763833	1.899295091
	0.878070256	1.496515716	3 0		0.987147804	
PCDHGA1	ENSG00000204956.5	0.23538649	3	3	0.072443954	
	Brain_Cerebellar_Hemisphere	0.53428444	Brain_Caudate_basal_ganglia	1.745476363		
	0.254902411	0.254902411	-1.034302504		1.796318016	0.04684547
	1.529083527	3 0	0.987147804			
ABRA	ENSG00000174429.3	0.235397647	1	1	0.235397647	
	Brain_Frontal_Cortex_BA9	0.235397647	Brain_Frontal_Cortex_BA9	1 1	1	1

1	-1.186569057	-1.186569057	-1.186569057	NA	1	0	
0.987147804							
OLFM1	ENSG00000130558.19	0.235444479	2	2	0.089246182		
Brain_Putamen_basal_ganglia	0.76310269	Brain_Substantia_nigra			1.137651889		
0.862348111	0.862348111	-0.301408924			1.699387571	0.698989323	
1.414776769	2	0	0.987147804				
RPS6KA2	ENSG00000071242.11	0.235481797	1	1	0.235481797		
Brain_Cerebellar_Hemisphere	0.235481797	Brain_Cerebellar_Hemisphere	1	1			
1	-1.186355856	-1.186355856	-1.186355856	NA	1	0	
0.987147804							
QRFPR	ENSG00000186867.10	0.235677484	1	1	0.235677484		
Brain_Cerebellar_Hemisphere	0.235677484	Brain_Cerebellar_Hemisphere	1	1			
1	-1.185860273	-1.185860273	-1.185860273	NA	1	0	
0.987147804							
IARS	ENSG00000196305.17	0.235739909	2	2	0.323197898		
Brain_Cerebellar_Hemisphere	0.728102888	Brain_Cerebellum			1.677784203		
0.322215797	0.322215797	-0.347650217			0.987907611	0.320128697	
0.944381997	2	0	0.987147804				
THUMPD2	ENSG00000138050.14	0.235850007	3	3	0.153126815		
Brain_Cerebellar_Hemisphere	0.547092965	Brain_Cortex			1.798604535		
0.208622751	0.208622751	-1.428573639			1.377388313	0.183645541	
1.449033298	3	0	0.987147804				
TAPBP	ENSG00000231925.11	0.235851501	6	5	0.05417687	Brain_Hypothalamus	
0.978856426	Brain_Anterior_cingulate_cortex_BA24	2.878980225					
0.021485946	0.420879871	-0.395267722			1.925419727	0.565452675	
0.806464797	5	0	0.987147804				
RP11-521C20.2	ENSG00000259584.1	0.235868153	5	3	0.093924597		
Brain_Cerebellum	0.333560307	Brain_Anterior_cingulate_cortex_BA24					
3.451855617	0.025608267	0.403681898			0.966967447	1.675049107	
1.19462256	0.286885082	3	0	0.987147804			
CSE1L	ENSG00000124207.16	0.235949953	1	1	0.235949953	Brain_Cortex	
0.235949953	Brain_Cortex	1	1	1	-1.185170723	-1.185170723	
-1.185170723	NA	1	0	0.987147804			
RP11-572O17.1	ENSG00000270195.1	0.235958182	2	2	0.179535898		
Brain_Cerebellum	0.886098666	Brain_Putamen_basal_ganglia			1.544657997		
0.455342003	0.455342003	-1.342185374			0.1432425	-0.599471437	
1.050356123	2	0	0.987147804				
FAM228A	ENSG00000186453.12	0.235967796	7	6	0.276358588		
Brain_Substantia_nigra	0.816330008	Brain_Putamen_basal_ganglia					
4.479645229	0.127660906	0.164388479			-0.926254054	1.08853592	
0.327415349	0.774370632	6	0	0.987147804			
RAET1G	ENSG00000203722.7	0.236016035	11	1	0.139172063		
Brain_Cerebellum	0.370807139	Brain_Cortex			10.42702206	0.00319541	
10.42702206	-1.478881222	-0.894962491			-1.152534133	0.171399056	
1	0	0.987147804					
KBTBD8	ENSG00000163376.11	0.236367124	1	1	0.236367124		
Brain_Substantia_nigra	0.236367124	Brain_Substantia_nigra				1	1
1	-1.184116059	-1.184116059	-1.184116059	NA	1	0	
0.987147804							
HIBADH	ENSG00000106049.8	0.236454416	3	3	0.21723293		
Brain_Caudate_basal_ganglia	0.922163235	Brain_Hippocampus			1.783242358		
0.375449548	0.375449548	-1.233919427			1.060041794	-0.025389488	
1.151924251	3	0	0.987147804				
ADD1	ENSG00000087274.16	0.23653785	1	1	0.23653785	Brain_Frontal_Cortex_BA9	
0.23653785	Brain_Frontal_Cortex_BA9	1	1	1	-1.183684821		
-1.183684821	-1.183684821	NA	1	0	0.987147804		
GNA12	ENSG00000146535.13	0.236701838	5	4	0.091934212		
Brain_Hypothalamus	0.952851491	Brain_Putamen_basal_ganglia			3.368380382		
0.102190475	0.14719142	-1.68528182			-0.059126325	-0.984227762	
0.637675817	4	0	0.987147804				
ATF6B	ENSG00000213676.10	0.236871056	9	9	0.051951651		
Brain_Spinal_cord_cervical_c-1	0.504841509	Brain_Hippocampus					

	1.987563202	0.395822121	0.395822121	-1.943534173	0.951814024
	-0.661969303	1.166845033	9 0	0.987147804	
ZNF276	ENSG00000158805.11	0.236889351	6 5	0.061528248	
	Brain_Nucleus_accumbens_basal_ganglia	0.787097284		Brain_Cerebellum	
	4.308747353	0.096312347	0.167234967	-1.869680151	0.386888588
	-0.911443567	0.832435707	5 0	0.987147804	
GNG8	ENSG00000167414.4	0.236896973	1 1	0.236896973	
	Brain_Nucleus_accumbens_basal_ganglia	0.236896973			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1 1	1.182778425	
	1.182778425	1.182778425	NA 1	0.987147804	
ZNF507	ENSG00000168813.16	0.236929433	6 6	0.065867508	
	Brain_Frontal_Cortex_BA9	0.966098363		Brain_Hippocampus	2.859668187
	0.141326956	0.141326956	-0.988448273	1.839324255	-0.006002752
	1.049365718	6 0	0.987147804		
PDLIM4	ENSG00000131435.12	0.236976592	4 3	0.206267378	
	Brain_Cortex	0.891910923		Brain_Frontal_Cortex_BA9	3.489033248
	0.085039094	0.166466498	-0.135886608	1.263895943	0.568796365
	0.573630222	3 0	0.987147804		
ZGRF1	ENSG00000138658.15	0.237178099	13 5	0.047180694	
	Brain_Spinal_cord_cervical_c-1	0.964973514		Brain_Hippocampus	
	8.794103636	0.003603806	0.456653816	0.0439133	1.984674531
	1.110572822	0.544022028	5 0	0.987147804	
NEGR1	ENSG00000172260.14	0.237213604	5 5	0.047003093	
	Brain_Putamen_basal_ganglia	0.964093532		Brain_Nucleus_accumbens_basal_ganglia	
	1.647254598	0.392911668	0.392911668	-0.261759971	1.986272336
	0.908459813	0.995059667	5 0	0.987147804	
PHLDB3	ENSG00000176531.10	0.237256065	10 1	0.173545751	
	Brain_Spinal_cord_cervical_c-1	0.398220396		Brain_Hypothalamus	
	9.217841656	0.001552066	9.217841656	0.844803794	1.360898553
	1.132898103	0.159281237	1 0	0.987147804	
CMTM3	ENSG00000140931.19	0.237413104	3 3	0.074181999	
	Brain_Spinal_cord_cervical_c-1	0.666680662		Brain_Hippocampus	
	1.322823765	0.802998845	0.802998845	-1.785489217	0.430708053
	-0.602049094	1.115756069	3 0	0.987147804	
PAAF1	ENSG00000175575.12	0.237510258	12 3	0.088458041	
	Brain_Nucleus_accumbens_basal_ganglia	0.976644832		Brain_Cerebellum	9.43914757
	0.004677707	0.524647105	-1.703588233	0.543970517	-0.534855991
	0.569758428	3 0	0.987147804		
MAGEF1	ENSG00000177383.4	0.237604009	1 1	0.237604009	
	Brain_Frontal_Cortex_BA9	0.237604009		Brain_Frontal_Cortex_BA9	1 1
	1 -1.180996764	-1.180996764	-1.180996764	NA 1 0	
	0.987147804				
LINC00987	ENSG00000237248.4	0.237697766	3 3	0.040173083	
	Brain_Putamen_basal_ganglia	0.66897293		Brain_Caudate_basal_ganglia	1.66600622
	0.535678401	0.535678401	0.427558027	2.051964801	1.069242635
	0.864236255	3 0	0.987147804		
CTA-228A9.3	ENSG00000272720.1	0.237792119	6 4	0.019346881	
	Brain_Caudate_basal_ganglia	0.95391294		Brain_Hypothalamus	3.930288295
	0.029352713	0.188434213	-0.057793721	2.338778859	1.409375695
	1.074799843	4 0	0.987147804		
NBEAL2	ENSG00000160796.16	0.237792576	6 4	0.098056613	
	Brain_Anterior_cingulate_cortex_BA24	0.997589299		Brain_Cerebellar_Hemisphere	
	4.379227102	0.029197115	0.151326194	-0.631573505	1.654349047
	0.46131437	0.885583287	4 0	0.987147804	
FGF12	ENSG00000114279.13	0.237812829	1 1	0.237812829	Brain_Cortex
	0.237812829	Brain_Cortex	1 1 1	-1.180471273	-1.180471273
	-1.180471273	NA 1 0	0.987147804		
LINC01914	ENSG00000234362.5	0.23793191	1 1	0.23793191	
	Brain_Spinal_cord_cervical_c-1	0.23793191		Brain_Spinal_cord_cervical_c-1	1 1
	1 1 1.180171757	1.180171757	1.180171757	NA 1 0	
	0.987147804				
ABHD12	ENSG00000100997.18	0.23804275	12 2	0.112022367	

	Brain_Substantia_nigra	0.792563293		Brain_Anterior_cingulate_cortex_BA24			
	10.10266244	0.008517663	0.903170287	-0.262983505	1.589168452		
	0.999958563	0.479050292	2	0	0.987147804		
MEIOB	ENSG00000162039.14	0.23806839	7	5	0.099561017		
	Brain_Nucleus_accumbens_basal_ganglia	0.924455956					
	Brain_Spinal_cord_cervical_c-1	5.118291963		0.018424994	0.182016653		
	-1.646985543	0.174282309	-0.728517427	0.617076755	5	0	
	0.987147804						
CFD	ENSG00000197766.7	0.238165807	8	8	0.007716038		
	Brain_Hypothalamus	0.976747587		Brain_Putamen_basal_ganglia	2.022181798		
	0.266978438	0.266978438	-2.664249186	1.166396634	-0.142429841		
	1.171613857	8	0	0.987147804			
RP11-298J23.8	ENSG00000269387.1	0.238217884		1	1	0.238217884	
	Brain_Cortex	0.238217884	Brain_Cortex	1	1	1	-1.179452893
	-1.179452893	-1.179452893	NA	1	0	0.987147804	
SLC19A3	ENSG00000135917.13	0.23822348	3	3	0.060720593		
	Brain_Substantia_nigra	0.414724392		Brain_Cortex	1.400043243		
	0.61194241	0.61194241	0.815607966	1.875524564	1.306400317		
	0.534282428	3	0	0.987147804			
TTL11-IT1	ENSG00000237548.1	0.238463354		1	1	0.238463354	
	Brain_Cerebellum	0.238463354	Brain_Cerebellum	1	1	1	1.178836331
	1.178836331	1.178836331	NA	1	0	0.987147804	
FHL3	ENSG00000183386.9	0.238517877	5	5	0.059562506		
	Brain_Hypothalamus	0.713378457		Brain_Cortex	2.206197678		
	0.388711357	0.388711357	-1.884018254	-0.367322521	-1.136442551		
	0.657490727	5	0	0.987147804			
RHOBTB2	ENSG00000008853.16	0.238618987	2	2	0.307685599		
	Brain_Cerebellum	0.941525768	Brain_Cerebellar_Hemisphere	1.823416082			
	0.176583918	0.176583918	0.073352307	1.020090379	0.546721343		
	0.66944491	2	0	0.987147804			
RP11-401N18.1	ENSG00000271148.1	0.238624101		3	3	0.115485409	
	Brain_Cerebellar_Hemisphere	0.392333567	Brain_Cerebellum	1.828344775			
	0.194250743	0.194250743	-1.204015625	1.574008826	0.408462098		
	1.441931152	3	0	0.987147804			
MYO7A	ENSG00000137474.19	0.238654299	2	2	0.104913233		
	Brain_Substantia_nigra	0.601869306	Brain_Hypothalamus	1.022059023			
	0.977940977	0.977940977	-0.521714243	1.621487015	0.549886386		
	1.515472143	2	0	0.987147804			
RASSF5	ENSG00000266094.7	0.238658334		1	1	0.238658334	
	Brain_Nucleus_accumbens_basal_ganglia	0.238658334					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.17834691		
	-1.17834691	-1.17834691	NA	1	0	0.987147804	
TM2D3	ENSG00000184277.12	0.238726598	10	3	0.06924133		
	Brain_Substantia_nigra	0.835801204	Brain_Putamen_basal_ganglia	8.29568985			
	0.002369803	0.306400828	0.207267181	1.816841865	1.127423728		
	0.434721875	3	0	0.987147804			
LRFN2	ENSG00000156564.8	0.238760984	2	2	0.6818361		
	Brain_Cerebellar_Hemisphere	0.771854745	Brain_Cerebellum	1.914382681			
	0.085617319	0.085617319	-0.289949665	0.409958896	0.060004615		
	0.49491009	2	0	0.987147804			
GALC	ENSG00000054983.16	0.23888233	5	5	0.035185238		
	Brain_Nucleus_accumbens_basal_ganglia	0.996566146	Brain_Cerebellum				
	2.014054854	0.112127047	0.112127047	-2.106220098	0.835537999		
	-0.165173171	1.191501365	5	0	0.987147804		
LTBP4	ENSG00000090006.17	0.23933714	3	3	0.057415706		
	Brain_Putamen_basal_ganglia	0.190737649	Brain_Cerebellum	2.117054605			
	0.167694991	0.167694991	-1.900132714	-1.308400069	-1.608505536		
	0.295957415	3	0	0.987147804			
ZNF493	ENSG00000196268.11	0.239352647		9	5	0.105230127	
	Brain_Hippocampus	0.841690931	Brain_Cortex	6.11750647	0.045916976		
	0.265408381	-1.620010009	0.608216341	-0.573217469	0.669382453		
	5	0	0.987147804				

C15orf65	ENSG00000261652.2	0.239352965	2	2	0.272854867			
	Brain_Cerebellar_Hemisphere	0.742861361			Brain_Cerebellum	1.872612455		
	0.127387545	0.127387545			-1.09651179	-0.328066529		-0.712289159
	0.543372855	2	0	0.987147804				
VPS39	ENSG00000166887.15	0.239423865	2	2	0.4532212			
	Brain_Nucleus_accumbens_basal_ganglia	0.609704732			Brain_Frontal_Cortex_BA9			
	1.720481027	0.279518973	0.279518973		-0.750055632	0.510494979		
	-0.119780327	0.891343885	2	0	0.987147804			
ALDH3A2	ENSG00000072210.18	0.239434101	2	1	0.163436673			
	Brain_Substantia_nigra	0.349090502			Brain_Cerebellum	1.961351202		
	0.038648798	1.961351202			-1.39360581	-0.936354878		-1.164980344
	0.323325235	1	0	0.987147804				
ZNF257	ENSG00000197134.11	0.239463276	13	4	0.126704481			
	Brain_Putamen_basal_ganglia	0.714712046			Brain_Hippocampus	10.67404495		
	0.005331465	0.423525845			-1.527227377	0.365535053		-0.995783874
	0.509035201	4	0	0.987147804				
PRSS23	ENSG00000150687.11	0.2395195	4	4	0.122217469			Brain_Cortex
	0.841997636	Brain_Hippocampus	3.223792433		0.148022349			
	0.148022349	0.199338921	1.545532687		0.653478272	0.605112782		
	4	0	0.987147804					
SPIRE1	ENSG00000134278.15	0.239655601	1	1	0.239655601			
	Brain_Nucleus_accumbens_basal_ganglia	0.239655601						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.17584805			
	-1.17584805	-1.17584805	NA	1	0	0.987147804		
PCDHGA4	ENSG00000262576.2	0.239759784	1	1	0.239759784			
	Brain_Cortex	0.239759784	Brain_Cortex	1	1	1	1.175587422	
	1.175587422	1.175587422	NA	1	0	0.987147804		
C11orf68	ENSG00000175573.6	0.239768745	1	1	0.239768745			
	Brain_Substantia_nigra	0.239768745	Brain_Substantia_nigra	1	1			
	1	-1.175565009	-1.175565009	-1.175565009	NA	1	0	
	0.987147804							
AGAP9	ENSG00000204172.12	0.239816354	11	8	0.066335644			
	Brain_Nucleus_accumbens_basal_ganglia	0.923606972			Brain_Cerebellum			
	4.054783475	0.006373013	0.416609071		-1.460000693	1.836148858		
	0.209358013	1.164265624	8	0	0.987147804			
RALGPS2	ENSG00000116191.17	0.239847514	2	2	0.097924438			
	Brain_Frontal_Cortex_BA9	0.739613211	Brain_Substantia_nigra					
	1.390655128	0.609344872	0.609344872		0.3323656	1.655000295		
	0.993682948	0.935243962	2	0	0.987147804			
PRPSAP1	ENSG00000161542.16	0.239850556	11	9	0.079245229			
	Brain_Nucleus_accumbens_basal_ganglia	0.999448542	Brain_Substantia_nigra					
	4.905900458	0.045666683	0.19391009	-1.755082313	1.509897351			
	0.067874858	0.891178355	9	0	0.987147804			
ELOVL5	ENSG00000012660.13	0.239941131	5	3	0.47464745			Brain_Cortex
	0.992449782	Brain_Frontal_Cortex_BA9	4.228755166		0.04354467			
	0.142471858	-0.714937846	0.457038667		-0.198175844	0.493233037		
	3	0	0.987147804					
EMB	ENSG00000170571.11	0.24007078	2	2	0.134623702			
	Brain_Putamen_basal_ganglia	0.936691899	Brain_Hippocampus		1.422185183			
	0.577814817	0.577814817	-1.496114951		0.079428376	-0.708343287		
	1.114077371	2	0	0.987147804				
EIF4G3	ENSG00000075151.20	0.240083595	2	2	0.092487031			
	Brain_Cerebellum	0.791944396	Brain_Spinal_cord_cervical_c-1		1.066864185			
	0.933135815	0.933135815	-1.682422037		-0.263786554	-0.973104295		
	1.00312677	2	0	0.987147804				
DCDC1	ENSG00000170959.14	0.240125864	2	2	0.093518221			
	Brain_Nucleus_accumbens_basal_ganglia	0.977233337	Brain_Substantia_nigra					
	1.102259888	0.897740112	0.897740112		-1.67712408	-0.028537654		
	-0.852830867	1.165726641	2	0	0.987147804			
PTGDR	ENSG00000168229.3	0.240257751	1	1	0.240257751			
	Brain_Hippocampus	0.240257751	Brain_Hippocampus	1	1	1		
	1.174342788	1.174342788	1.174342788	NA	1	0	0.987147804	

HAND2 ENSG00000164107.8 0.240308173 2 2 0.180217385 Brain_Cerebellum
0.530148539 Brain_Cerebellar_Hemisphere 1.859886753 0.140113247
0.140113247 -1.340086006 -0.627779284 -0.983932645 0.503676913
2 0 0.987147804

PIBF1 ENSG00000083535.15 0.24035296 10 4 0.125277223
Brain_Caudate_basal_ganglia 0.747135022 Brain_Anterior_cingulate_cortex_BA24
7.606584592 0.013031558 0.390018931 -1.532994447 0.929513241
-0.828786318 0.73076852 4 0 0.987147804

AF064858.6 ENSG00000205622.9 0.240377381 1 1 0.240377381
Brain_Cortex 0.240377381 Brain_Cortex 1 1 1 -1.174044054
-1.174044054 -1.174044054 NA 1 0 0.987147804

RP11-744I24.3 ENSG00000261797.1 0.24081923 1 1 0.24081923
Brain_Caudate_basal_ganglia 0.24081923 Brain_Caudate_basal_ganglia 1 1 1
-1.172941588 -1.172941588 -1.172941588 NA 1 0 0.987147804

CD300LG ENSG00000161649.12 0.240902811 1 1 0.240902811
Brain_Hippocampus 0.240902811 Brain_Hippocampus 1 1 1
-1.172733206 -1.172733206 -1.172733206 NA 1 0 0.987147804

MICALL2 ENSG00000164877.18 0.241080823 3 3 0.04558935
Brain_Substantia_nigra 0.787454878 Brain_Cerebellum 1.050268114
0.954010613 0.954010613 -1.999175671 -0.269617055 -0.862358661
0.984813071 3 0 0.987147804

PCDH1 ENSG00000156453.13 0.241098594 1 1 0.241098594
Brain_Anterior_cingulate_cortex_BA24 0.241098594
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -1.172245281
-1.172245281 -1.172245281 NA 1 0 0.987147804

GNG12 ENSG00000172380.5 0.241104877 1 1 0.241104877 Brain_Cortex
0.241104877 Brain_Cortex 1 1 1 -1.172229626 -1.172229626
-1.172229626 NA 1 0 0.987147804

ARHGEF3 ENSG00000163947.11 0.241133475 2 2 0.100927056
Brain_Cortex 0.700181772 Brain_Putamen_basal_ganglia 1.00446208 0.99553792
0.99553792 -1.640375791 -0.385075104 -1.012725448 0.887631628 2
0 0.987147804

CDKN1C ENSG00000129757.12 0.241135372 2 2 0.092944496
Brain_Spinal_cord_cervical_c-1 0.765311606 Brain_Frontal_Cortex_BA9
1.263184219 0.736815781 0.736815781 -1.680065893 -0.298513065
-0.989289479 0.976905374 2 0 0.987147804

ZNF662 ENSG00000182983.14 0.241149765 1 1 0.241149765
Brain_Cerebellum 0.241149765 Brain_Cerebellum 1 1 1 1.1721178
1.1721178 1.1721178 NA 1 0 0.987147804

RP11-1060G2.2 ENSG00000271382.1 0.241180741 1 1 0.241180741
Brain_Nucleus_accumbens_basal_ganglia 0.241180741
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -1.172040637
-1.172040637 -1.172040637 NA 1 0 0.987147804

AP4B1 ENSG00000134262.12 0.24122396 3 3 0.11004355 Brain_Cerebellum
0.898029689 Brain_Cortex 1.375912317 0.639538669 0.639538669
-1.014728268 1.597997427 0.151706143 1.328654881 3 0
0.987147804

PIP4K2B ENSG00000276293.4 0.241246991 2 2 0.109498993
Brain_Frontal_Cortex_BA9 0.727505545 Brain_Cerebellar_Hemisphere
1.112242407 0.887757593 0.887757593 0.348445622 1.600449085
0.974447354 0.885300139 2 0 0.987147804

C2orf71 ENSG00000179270.6 0.241275818 10 2 0.110901878
Brain_Anterior_cingulate_cortex_BA24 0.749668231 Brain_Amygdala
8.633595393 0.000958983 0.710803508 0.31907686 1.594152522
1.172485555 0.426559611 2 0 0.987147804

COL5A2 ENSG00000204262.11 0.2413436 1 1 0.2413436 Brain_Cerebellum
0.2413436 Brain_Cerebellum 1 1 1 1.171635075 1.171635075
1.171635075 NA 1 0 0.987147804

GNG10 ENSG00000242616.3 0.241481778 13 1 0.062872704 Brain_Amygdala
0.810670694 Brain_Substantia_nigra 11.98569333 0.003657292
11.98569333 -1.860090633 -0.239560881 -1.122008084 0.408474382
1 0 0.987147804

RIC3	ENSG00000166405.14	0.241519361	5	2	0.047578799			
	Brain_Nucleus_accumbens_basal_ganglia	0.21288958			Brain_Cortex	4.243067872		
	0.000217828	0.682174856	-1.981111253		-1.245659087	-1.480031805		
	0.288395291	2	0	0.987147804				
ADAP2	ENSG00000184060.10	0.241622579	1	1	0.241622579			
	Brain_Spinal_cord_cervical_c-1	0.241622579			Brain_Spinal_cord_cervical_c-1			
	1	1	1.170940787	1.170940787	1.170940787	NA	1	0
	0.987147804							
METTL2B	ENSG00000165055.15	0.241650295	13	7	0.146430372			
	Brain_Putamen_basal_ganglia	0.838836394			Brain_Cortex	8.067050214		
	0.011764042	0.275832572	-0.926798851		1.452256233	0.614893757		
	0.742323188	7	0	0.987147804				
RP11-112J3.16	ENSG00000227388.2	0.241770168	5	4	0.154733707			
	Brain_Putamen_basal_ganglia	0.885745064			Brain_Anterior_cingulate_cortex_BA24			
	3.021168888	0.012076638	0.338988862		-1.423008447	0.608690687		
	-0.453781995	0.78173715	4	0	0.987147804			
DKFZp779M0652	ENSG00000205106.4	0.241802323	13	9	0.043584482			
	Brain_Hippocampus	0.899360703			Brain_Substantia_nigra	7.170369485		
	0.088655794	0.327224182	-0.351667424		2.018065096	0.755079216		
	0.752961147	9	0	0.987147804				
MECOM	ENSG00000085276.17	0.241839421	2	2	0.169611001			
	Brain_Putamen_basal_ganglia	1.000748982			Brain_Cortex	0.999251018		
	0.999251018	0.974975402	1.373454809		1.174215106	0.281767491		
	2	0	0.987147804					
ERCC5	ENSG00000134899.18	0.24185063	2	2	0.0945673			
	Brain_Putamen_basal_ganglia	1.059378			Brain_Amygdala	0.940622	0.940622	
	-1.671782088	-0.110159323	-0.890970706		1.104234047	2	0	
	0.987147804							
HIVEP3	ENSG00000127124.14	0.241853518	2	1	0.218458298			
	Brain_Cerebellum	0.281958421			Brain_Cerebellar_Hemisphere	1.942043201		
	0.057956799	1.942043201	1.075930319		1.230637969	1.153284144		
	0.109394829	1	0	0.987147804				
SOX21	ENSG00000125285.5	0.241882851	2	2	0.107835161			
	Brain_Frontal_Cortex_BA9	0.777616501			Brain_Cerebellar_Hemisphere			
	1.134296161	0.865703839	0.865703839		-1.608000083	0.282426495		
	-0.662786794	1.336733453	2	0	0.987147804			
GPR55	ENSG00000135898.9	0.241913075	6	6	0.036151302			
	Brain_Frontal_Cortex_BA9	0.847979931			Brain_Nucleus_accumbens_basal_ganglia			
	2.436621847	0.112264718	0.112264718		-0.525529265	2.09522155		
	0.814940307	0.956680551	6	0	0.987147804			
TMEM249	ENSG00000261587.2	0.241922792	5	5	0.034169714			
	Brain_Cerebellum	0.49829457			Brain_Caudate_basal_ganglia	1.614666736		
	0.372305811	0.372305811	-0.677175564		2.118063224	1.021588554		
	1.027432326	5	0	0.987147804				
LA16c-OS12.2	ENSG00000268836.1	0.241993785	10	10	0.017064086			
	Brain_Hippocampus	0.48648503			Brain_Cerebellum	3.575188988	0.148498475	
	0.148498475	-0.983423638	2.385323981		1.097024491	0.916373102		
	10	0	0.987147804					
MBLAC2	ENSG00000176055.9	0.24216699	1	1	0.24216699			
	Brain_Substantia_nigra	0.24216699			Brain_Substantia_nigra	1	1	1
	1.169587551	1.169587551	1.169587551		NA	1	0	0.987147804
RP11-335L23.5	ENSG00000272784.1	0.242186854	1	1	0.242186854			
	Brain_Anterior_cingulate_cortex_BA24	0.242186854						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.169538216			
	-1.169538216	-1.169538216	NA	1	0	0.987147804		
ARID3B	ENSG00000179361.17	0.242208625	1	1	0.242208625			
	Brain_Cerebellum	0.242208625			Brain_Cerebellum	1	1	1
	-1.169484147	-1.169484147	NA	1	0	0.987147804		-1.169484147
ZNF701	ENSG00000167562.12	0.242275135	3	2	0.234777124			
	Brain_Cerebellar_Hemisphere	0.260427564			Brain_Caudate_basal_ganglia			
	2.006132213	1.99E-08	0.993867767		-1.12538113	1.188142878		
	0.416946206	1.335694654	2	0	0.987147804			

RAPGEF4	ENSG00000091428.17	0.242306273	2	2	0.099121612				
	Brain_Spinal_cord_cervical_c-1	0.721096832				Brain_Cerebellum1.010417686			
	0.989582314	0.989582314			-1.649127037	0.356993286			-0.646066875
	1.418541285	2	0		0.987147804				
LINC01621	ENSG00000235357.1	0.242440334	1	1	0.242440334				
	Brain_Cerebellum0.242440334					Brain_Cerebellum1	1	1	-1.168908908
	-1.168908908	-1.168908908			NA	1	0		0.987147804
FTCDNL1	ENSG00000226124.6	0.242479952	13	1	0.144062879				
	Brain_Anterior_cingulate_cortex_BA24	0.393612601				Brain_Hypothalamus			
	12.02923438	0.003264557			12.02923438	0.85308422			1.460827163
	1.122453886	0.171986186	1	0		0.987147804			
CAMK2A	ENSG00000070808.15	0.242539838	3	3	0.059244627				
	Brain_Caudate_basal_ganglia	0.606378312				Brain_Nucleus_accumbens_basal_ganglia			
	1.188913214	0.772910214			0.772910214	-1.886373604			0.901668047
	-0.499985196	1.394083506	3	0		0.987147804			
MICAL1	ENSG00000100139.13	0.242593741	3	2	0.101032637				
	Brain_Cerebellum0.297326374					Brain_Anterior_cingulate_cortex_BA24			
	2.665469335	0.04578911	0.288741556			-1.639867899			-1.042184013
	-1.428313624	0.33490882	2	0		0.987147804			
PDE1C	ENSG00000154678.16	0.242599149	2	2	0.092535106				
	Brain_Hippocampus	0.963174378				Brain_Anterior_cingulate_cortex_BA24			
	1.059841758	0.940158242			0.940158242	-0.046170471			1.682173992
	0.81800176	1.22212409	2	0		0.987147804			
MYBPC2	ENSG00000086967.9	0.242599801	2	2	0.159335031				
	Brain_Cortex	0.564187125				Brain_Frontal_Cortex_BA9	1.228806588		
	0.771193412	0.771193412			-0.57663341	1.407311532			0.415339061
	1.402860922	2	0		0.987147804				
SLC24A4	ENSG00000140090.17	0.242616349	2	1	0.230734994				
	Brain_Cerebellum0.26750412					Brain_Cerebellar_Hemisphere1.949575169			
	0.050424831	1.949575169			1.108828624	1.198467691			1.153648158
	0.063384392	1	0		0.987147804				
PCDHA9	ENSG00000204961.6	0.242754196	7	4	0.104397152				
	Brain_Spinal_cord_cervical_c-1	0.969117997							
	Brain_Anterior_cingulate_cortex_BA24	5.113056191				0.047453069			0.17256053
	-1.6239	0.191243436			-0.422686801	0.659632308		4	0
	0.987147804								
PIGC	ENSG00000135845.9	0.242781131	7	7	0.071626702				
	Brain_Nucleus_accumbens_basal_ganglia	0.808736729				Brain_Amygdala			
	2.259427533	0.485987427			0.485987427	-1.788523393			1.801483526
	0.521070735	1.146520539	7	0		0.987147804			
GPATCH2L	ENSG00000089916.17	0.242898033	4	4	0.16470052	Brain_Cerebellum			
	0.776640412	Brain_Cortex	2.696920732			0.261986326			0.261986326
	-0.290620522	1.389434977			0.362532618	0.810966707		4	0
	0.987147804								
RP11-388K12.2	ENSG00000254089.1	0.242982493	1	1	0.242982493				
	Brain_Spinal_cord_cervical_c-1	0.242982493				Brain_Spinal_cord_cervical_c-1			
	1	1	1		1.167564459	1.167564459		NA	1
	0.987147804								0
RPP30	ENSG00000148688.13	0.243047767	1	1	0.243047767	Brain_Cortex			
	0.243047767	Brain_Cortex	1	1	1	-1.167402736			-1.167402736
	-1.167402736	NA	1	0		0.987147804			
EIF3G	ENSG00000130811.11	0.243086904	1	1	0.243086904				
	Brain_Spinal_cord_cervical_c-1	0.243086904				Brain_Spinal_cord_cervical_c-1			
	1	1	1		1.167305784	1.167305784		NA	1
	0.987147804								0
RBM34	ENSG00000188739.14	0.243289442	1	1	0.243289442				
	Brain_Hypothalamus	0.243289442				Brain_Hypothalamus	1	1	1
	1.16680422	1.16680422	1.16680422		NA	1	0		0.987147804
CYTH3	ENSG00000008256.15	0.243319675	2	2	0.1804682	Brain_Hypothalamus			
	0.284556642	Brain_Cerebellum	1.040783287			0.959216713			0.959216713
	-1.33931484	-1.070139232			-1.204727036	0.190335898		2	0
	0.987147804								

MYOM1	ENSG00000101605.12	0.24337049	7	7	0.071975588			
	Brain_Putamen_basal_ganglia	0.938062973				Brain_Caudate_basal_ganglia		
	2.036777831	0.310502144		0.310502144		-1.799272489		1.304342783
	0.353247164	1.049042375	7	0	0.987147804			
RIOK2	ENSG00000058729.10	0.24338048	8	5	0.011116479			Brain_Cerebellum
	0.410964365	Brain_Nucleus_accumbens_basal_ganglia				5.727998572		
	0.016255596	0.301467067		0.82219774	2.53901583	1.920227811		
	0.536039408	5	0	0.987147804				
DDX39B	ENSG00000198563.13	0.243461485	2	2	0.113558093			
	Brain_Cortex	0.433729005				Brain_Cerebellum	1.139851574	0.860148426
	0.860148426	-1.582400841		-0.782826498		-1.182613669		0.56538444
	0	0.987147804						
RP4-633019_A.1	ENSG00000223695.1	0.243464986	1	1	0.243464986			
	Brain_Cerebellum	0.243464986				Brain_Cerebellum	1	1
	1.166369744	1.166369744	NA	1	0	0.987147804		1.166369744
POC1B	ENSG00000139323.13	0.243466728	2	2	0.093675235			
	Brain_Hypothalamus	0.233776669				Brain_Cerebellum	1.654128164	
	0.345871836	0.345871836		1.190686528		1.676321507		1.433504017
	0.343395787	2	0	0.987147804				
ZC3H18	ENSG00000158545.15	0.243477107	1	1	0.243477107			
	Brain_Cortex	0.243477107				Brain_Cortex	1	1
	-1.166339753	-1.166339753	NA	1	0	0.987147804		-1.166339753
SLC25A23	ENSG00000125648.14	0.243522209	6	6	0.027432906			
	Brain_Cortex	0.730622703				Brain_Spinal_cord_cervical_c-1	1.857322786	
	0.218479263	0.218479263		-2.205302048		0.690381662		-0.324431161
	1.180706722	6	0	0.987147804				
USP1	ENSG00000162607.12	0.243732951	1	1	0.243732951			
	Brain_Putamen_basal_ganglia	0.243732951				Brain_Putamen_basal_ganglia	1	1
	1	-1.165706947		-1.165706947		-1.165706947	NA	1
	0.987147804							0
FOPNL	ENSG00000133393.12	0.243803148	2	2	0.094196465			
	Brain_Caudate_basal_ganglia	0.110880707				Brain_Cortex	1.91761888	0.08238112
	0.08238112	-1.673664953		-1.594247073		-1.633956013		0.056156921
	0	0.987147804						2
FAT1	ENSG00000083857.13	0.24395051	2	2	0.248989142			
	Brain_Putamen_basal_ganglia	0.261119962				Brain_Hippocampus	1.081467594	
	0.918532406	0.918532406		-1.152808142		1.123747965		-0.014530089
	1.609768261	2	0	0.987147804				
U91328.22	ENSG00000272810.1	0.243995596	1	1	0.243995596			
	Brain_Putamen_basal_ganglia	0.243995596				Brain_Putamen_basal_ganglia	1	1
	1	-1.165057803		-1.165057803		-1.165057803	NA	1
	0.987147804							0
FAM20B	ENSG00000116199.11	0.244030284	10	2	0.093395185			
	Brain_Cerebellum	0.205127958				Brain_Putamen_basal_ganglia	8.459642595	
	0.003212948	0.774693865		1.267076444		1.677753734		1.471596801
	0.147913648	2	0	0.987147804				
GOLIM4	ENSG00000173905.8	0.244095137	4	4	0.324210604			
	Brain_Frontal_Cortex_BA9	0.478689794				Brain_Nucleus_accumbens_basal_ganglia		
	1.929913974	0.503314506		0.503314506		-0.985842098		0.982879494
	-0.038115669	1.027940406	4	0	0.987147804			
FGF5	ENSG00000138675.16	0.244146909	2	2	0.095682841			
	Brain_Cerebellar_Hemisphere	0.929984463				Brain_Cerebellum	1.176516812	
	0.823483188	0.823483188		-1.666153518		-0.087864385		-0.877008952
	1.116018948	2	0	0.987147804				
C20orf27	ENSG00000101220.17	0.244163766	2	2	0.122282436			
	Brain_Putamen_basal_ganglia	0.590976456				Brain_Nucleus_accumbens_basal_ganglia		
	1.076312224	0.923687776		0.923687776		-1.545263931		-0.537421558
	-1.041342744	0.712652176	2	0	0.987147804			
LINC00706	ENSG00000281186.1	0.244188931	5	5	0.104269928			
	Brain_Caudate_basal_ganglia	0.605751435				Brain_Substantia_nigra		
	2.708683117	0.150898367		0.150898367		-0.82769745		1.624496307
	0.601784829	0.910585769	5	0	0.987147804			

SLC39A7	ENSG00000112473.17	0.244189651	1	1	0.244189651		
	Brain_Cerebellar_Hemisphere	0.244189651			Brain_Cerebellar_Hemisphere	1	1
	1	-1.1645785	-1.1645785	-1.1645785	NA	1	0
NELFCD	ENSG00000101158.13	0.24423921	12	4	0.081345959		
	Brain_Nucleus_accumbens_basal_ganglia	0.901735869			Brain_Substantia_nigra		
	10.02883523	0.010088116	0.351613919		-1.742929337	0.289141415	
	-0.655184046	0.621062497	4	0	0.987147804		
ZNF2	ENSG00000275111.4	0.244278892	1	1	0.244278892	Brain_Cerebellum	
	0.244278892	Brain_Cerebellum	1	1	-1.164358171	-1.164358171	
	-1.164358171	NA	1	0	0.987147804		
CAST	ENSG00000153113.23	0.244287418	13	2	0.091900807		
	Brain_Substantia_nigra	0.662898025			Brain_Cerebellum	11.17259534	
	0.00146659	0.991528336	-0.593817529		1.685455067	0.988648254	
	0.562163375	2	0	0.987147804			
PINK1	ENSG00000158828.7	0.244301077	2	2	0.129053164		
	Brain_Substantia_nigra	0.386677324			Brain_Nucleus_accumbens_basal_ganglia		
	1.099958442	0.900041558	0.900041558		0.865658756	1.517846244	
	1.1917525	0.461166196	2	0	0.987147804		
SLC25A10	ENSG00000183048.11	0.244337113	1	1	0.244337113		
	Brain_Spinal_cord_cervical_c-1	0.244337113			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-1.164214457	-1.164214457	-1.164214457	NA
	0.987147804						1
							0
UBAC2	ENSG00000134882.15	0.244405689	1	1	0.244405689		
	Brain_Caudate_basal_ganglia	0.244405689			Brain_Caudate_basal_ganglia	1	1
	1	1.164045215	1.164045215	1.164045215	NA	1	0
	0.987147804						
SAMD11	ENSG00000187634.11	0.244661359	4	4	0.06737967		
	Brain_Putamen_basal_ganglia	0.321034049			Brain_Cerebellum	1.473395268	
	0.517405094	0.517405094	-1.258755656		1.829133108	0.150763181	
	1.513786764	4	0	0.98789526			
NCL	ENSG00000115053.15	0.244820619	4	3	0.076000597	Brain_Cerebellum	
	0.539422847	Brain_Spinal_cord_cervical_c-1	3.044924464		5.10E-17		
	0.316613916	-1.7743783	-0.613685992		-1.220120088	0.641418559	3
	0	0.988253109					
OLR1	ENSG00000173391.8	0.245015483	1	1	0.245015483	Brain_Cortex	
	0.245015483	Brain_Cortex	1	1	-1.162541734	-1.162541734	
	-1.162541734	NA	1	0	0.988377671		
DDX51	ENSG00000185163.9	0.245141538	12	3	0.138049741		
	Brain_Putamen_basal_ganglia	0.85225564			Brain_Cerebellar_Hemisphere	9.63236303	
	0.004906646	0.658909426	-1.483092858		0.702081301	-0.492793416	
	0.568599996	3	0	0.988377671			
CTD-2541M15.3	ENSG00000271743.1	0.245155973	12	11	0.027552134		
	Brain_Hippocampus	0.981443418			Brain_Substantia_nigra	4.872346192	
	0.072145499	0.225997768	-1.720291022		2.20360502	-0.049437206	
	1.058901494	11	0	0.988377671			
ZMAT2	ENSG00000146007.10	0.245222269	9	5	0.183025721		
	Brain_Frontal_Cortex_BA9	0.91215299			Brain_Cortex	6.839086386	
	0.047381212	0.228946112	-1.331496424		0.664099297	-0.066801146	
	0.730077349	5	0	0.988377671			
IKBIP	ENSG00000166130.14	0.245428279	11	5	0.112684754		
	Brain_Cerebellar_Hemisphere	0.890130592			Brain_Nucleus_accumbens_basal_ganglia		
	8.679669372	0.009194293	0.313956616		-1.586240541	0.384184358	
	-0.849590225	0.680683005	5	0	0.988377671		
HRH2	ENSG00000113749.7	0.24577601	1	1	0.24577601	Brain_Cerebellum	0.24577601
	Brain_Cerebellum	1	1	1	-1.160670286	-1.160670286	-1.160670286
	NA	1	0	0.988377671			
FAM196A	ENSG00000188916.8	0.245790759	3	3	0.068695904		
	Brain_Cortex	0.485201621			Brain_Caudate_basal_ganglia	2.174068516	
	0.091248948	0.091248948	-1.82041451		-0.697960942	-1.161051025	
	0.58640254	3	0	0.988377671			
SLC2A14	ENSG00000173262.11	0.246025152	8	4	0.097325612		
	Brain_Putamen_basal_ganglia	0.602203939			Brain_Hypothalamus	6.623091885	

	0.006841998	0.249298852	-0.52123376	1.657959644	0.9953542
	0.657940356	4	0	0.988377671	
ISCU	ENSG00000136003.15	0.246123853	3	3	0.084178733
	Brain_Cerebellar_Hemisphere	0.477767369		Brain_Amygdala	1.334217264
	0.674590148	0.674590148	-0.709898035	1.726938365	0.716231448
	1.270423095	3	0	0.988377671	
PIK3CB	ENSG00000051382.8	0.246139277	2	2	0.103477975
	Brain_Cerebellar_Hemisphere	0.634556189		Brain_Hypothalamus	1.052329841
	0.947670159	0.947670159	-1.628221277	-0.475323813	-1.051772545
	0.815221615	2	0	0.988377671	
ROPN1	ENSG00000065371.17	0.246163128	1	1	0.246163128
	Brain_Nucleus_accumbens_basal_ganglia	0.246163128			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.159719256
	1.159719256	1.159719256	NA	1	0
NELFE	ENSG00000204356.13	0.246175337	2	2	0.115545079
	Brain_Hypothalamus	0.956852087		Brain_Nucleus_accumbens_basal_ganglia	
	1.310839404	0.689160596	0.689160596	-0.054104275	1.573750771
	0.759823248	1.151067342	2	0	0.988377671
LINC01511	ENSG00000250584.2	0.246177503	3	3	0.070160938
	Brain_Frontal_Cortex_BA9	0.743643627		Brain_Caudate_basal_ganglia	
	1.056104159	0.956048011	0.956048011	-0.327032073	1.810870255
	0.778525601	1.070829912	3	0	0.988377671
CX3CL1	ENSG00000006210.6	0.246245477	2	2	0.113280079
	Brain_Frontal_Cortex_BA9	0.606495303		Brain_Cerebellar_Hemisphere	
	1.017662244	0.982337756	0.982337756	-1.583620619	0.515082598
	-0.534269011	1.484007276	2	0	0.988377671
RWDD2A	ENSG00000013392.7	0.246267126	2	2	0.239561248
	Brain_Cortex	0.383315458		Brain_Cerebellum	1.241727861
	0.758272139	-1.176084158	0.871803732	-0.152140213	1.448075414
	2	0	0.988377671		
ZNF587B	ENSG00000269343.6	0.246339863	5	5	0.1127417
	Brain_Cerebellum				
	0.876259628	Brain_Cerebellar_Hemisphere	2.084066067	0.226101446	
	0.226101446	0.155712521	1.585989462	0.884171854	0.588293554
	5	0	0.988377671		
AKIRIN2	ENSG00000135334.8	0.246348216	4	4	0.078582584
	Brain_Cortex	0.64773165		Brain_Anterior_cingulate_cortex_BA24	2.824899218
	0.290439788	0.290439788	0.456915684	1.758970122	1.140204202
	0.647103363	4	0	0.988377671	
FDX1	ENSG00000137714.2	0.246363617	4	4	0.045073704
	Brain_Spinal_cord_cervical_c-1	0.501711917		Brain_Frontal_Cortex_BA9	
	1.51663635	0.445301874	0.445301874	-1.245734909	2.003965988
	0.671485088	1.389579219	4	0	0.988377671
AGFG2	ENSG00000106351.12	0.246390388	1	1	0.246390388
	Brain_Cerebellum	1	1	1	1.159161434
	0.246390388	Brain_Cerebellum	1	1	1.159161434
	1.159161434	NA	1	0	0.988377671
ANKRD34B	ENSG00000189127.7	0.246413789	2	2	0.106443209
	Brain_Spinal_cord_cervical_c-1	0.706287522		Brain_Cortex	1.040048807
	0.959951193	0.959951193	-1.614388386	0.376846715	-0.618770835
	1.408015843	2	0	0.988377671	
P4HA3	ENSG00000149380.11	0.246415106	5	5	0.041701557
	Brain_Cerebellum				
	0.331749313	Brain_Spinal_cord_cervical_c-1	2.52836783	0.313447942	
	0.313447942	0.970596373	2.036486202	1.557736362	0.475706857
	5	0	0.988377671		
RFC5	ENSG00000111445.13	0.246517219	1	1	0.246517219
	Brain_Cerebellar_Hemisphere	0.246517219		Brain_Cerebellar_Hemisphere	1
	1	1.158850278	1.158850278	1.158850278	NA
	0.988377671			1	0
C7orf73	ENSG00000243317.7	0.246540275	13	3	0.045099646
	Brain_Hippocampus	0.372873582		Brain_Cerebellum	10.35046882
	0.008680776	0.495770901	0.891103623	2.003723891	1.398630528
	0.321448256	3	0	0.988377671	
CKMT1A	ENSG00000223572.9	0.246635315	8	2	0.150243692

	Brain_Cerebellum	0.738573792		Brain_Amygdala	6.59054399	0.025742428			
		0.913678313	0.333742612		1.438671239	0.756937209	0.34013709	2	
		0	0.988377671						
FBXO41	ENSG00000163013.11	0.246646191			2	2	0.114257858		
	Brain_Hippocampus	0.343870965		Brain_Cerebellum	1.261673976				
		0.738326024	0.738326024		-1.579341019	-0.946544443	-1.262942731		
		0.44745475	2	0	0.988377671				
LEFTY2	ENSG00000143768.12	0.24688982	7	6	0.109090505				
	Brain_Caudate_basal_ganglia	0.83728464		Brain_Cortex	4.030114701				
		0.059854605	0.202095321		-1.602294485	1.011143405	-0.659275493		
		0.936836559	6	0	0.988377671				
DERL1	ENSG00000136986.9	0.24689248	1	1	0.24689248	Brain_Cerebellum	0.24689248		
	Brain_Cerebellum	1	1	1	-1.157930304	-1.157930304	-1.157930304		
	NA	1	0	0.988377671					
ZNF518B	ENSG00000178163.7	0.246998529		1	1	0.246998529			
	Brain_Putamen_basal_ganglia	0.246998529		Brain_Putamen_basal_ganglia	1	1			
		1	-1.157670494	-1.157670494	-1.157670494	NA	1	0	
		0.988377671							
LINC01140	ENSG00000267272.5	0.247098539		8	6	0.225252607			
	Brain_Nucleus_accumbens_basal_ganglia	0.821233907		Brain_Putamen_basal_ganglia					
		4.334172421	0.007963444	0.19719469	-1.212678908	0.824527389			
		-0.578440839	0.66283539	6	0	0.988377671			
UFSP1	ENSG00000176125.4	0.247217399		4	4	0.249429346	Brain_Amygdala		
		0.906237178	Brain_Spinal_cord_cervical_c-1	2.148543662		0.301280747			
		0.301280747	-1.151736555	0.902136671	0.090678165	0.888047962			
		4	0	0.988377671					
PLCD1	ENSG00000187091.13	0.247222595		3	3	0.23859167			
	Brain_Putamen_basal_ganglia	0.439404872		Brain_Spinal_cord_cervical_c-1					
		1.517251254	0.437567737	0.437567737	-1.178514212	0.800897312			
		0.131860557	1.134902344	3	0	0.988377671			
RBM44	ENSG00000177483.11	0.247243629		8	5	0.160014943			
	Brain_Hypothalamus	0.658345299		Brain_Putamen_basal_ganglia	5.213331769				
		0.001837329	0.364271107	-0.581818531	1.405021307	0.617449189			
		0.780614729	5	0	0.988377671				
CTD-3025N20.3	ENSG00000272010.1	0.247244595		11	1	0.134014635			
	Brain_Cerebellar_Hemisphere	0.445826756		Brain_Amygdala	10.30726122				
		0.000873833	10.30726122	0.762390865	1.498456699	1.121652157			
		0.221973188	1	0	0.988377671				
RB1	ENSG00000139687.13	0.247280854		1	1	0.247280854	Brain_Cortex		
		0.247280854	Brain_Cortex	1	1	1	-1.156979211	-1.156979211	
		-1.156979211	NA	1	0	0.988377671			
MTMR11	ENSG00000014914.20	0.24732401	2	2	0.180488853				
	Brain_Frontal_Cortex_BA9	0.263096525		Brain_Cerebellar_Hemisphere					
		1.091899219	0.908100781	0.908100781	-1.11910224	1.339251372			
		0.110074566	1.73831851	2	0	0.988377671			
SUGT1	ENSG00000165416.14	0.247592818		3	3	0.073389552			
	Brain_Nucleus_accumbens_basal_ganglia	0.898143991		Brain_Substantia_nigra					
		1.038777485	0.94698752	0.94698752	-1.790400489	-0.128006296			
		-0.937293893	0.832062914	3	0	0.98846115			
SLC39A8	ENSG00000138821.12	0.247613058		1	1	0.247613058			
	Brain_Frontal_Cortex_BA9	0.247613058		Brain_Frontal_Cortex_BA9	1	1			
		1	-1.156166504	-1.156166504	-1.156166504	NA	1	0	0.98846115
LINC01358	ENSG00000237352.3	0.247636656		5	4	0.067069666			
	Brain_Spinal_cord_cervical_c-1	0.941771288		Brain_Cerebellar_Hemisphere					
		2.043820384	0.004073624	0.623961318	-1.831206907	0.807932266			
		-0.091316521	1.018064157	4	0	0.98846115			
EYA1	ENSG00000104313.17	0.247652079		1	1	0.247652079			
	Brain_Anterior_cingulate_cortex_BA24	0.247652079							
		Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.156071092			
		1.156071092	1.156071092	NA	1	0	0.98846115		
GPR37L1	ENSG00000170075.8	0.247732935		1	1	0.247732935			
	Brain_Putamen_basal_ganglia	0.247732935		Brain_Putamen_basal_ganglia	1	1			

1	-1.155873424	-1.155873424	-1.155873424	NA	1	0	0.98846115
SLITRK3	ENSG00000121871.3	0.247768798	1	1	0.247768798		
	Brain_Substantia_nigra	0.247768798			Brain_Substantia_nigra	1	1
1	1.155785763	1.155785763	1.155785763	NA	1	0	0.98846115
RIOX2	ENSG00000170854.17	0.247867107	2	2	0.398308963		Brain_Cortex
	0.522491923	Brain_Frontal_Cortex_BA9	1.60334372	0.39665628	0.39665628		
	-0.639508904	0.844645202	0.102568149	1.049455433	2	0	
	0.988571465						
TTC7A	ENSG00000068724.15	0.24804572	3	3	0.083675844		
	Brain_Caudate_basal_ganglia	0.982949897			Brain_Cerebellar_Hemisphere	1.16494698	
	0.84729401	0.84729401	-1.207311174	1.729745008	0.181268199		
	1.475042422	3	0	0.988929228			
KLRK1	ENSG00000213809.8	0.24829104	6	4	0.039681826		Brain_Hypothalamus
	0.439266218	Brain_Nucleus_accumbens_basal_ganglia	4.449165036	0.00441364			
	0.157822758	0.773432912	2.057045738	1.269333045	0.447817858		
	4	0	0.988929228				
SP140	ENSG00000079263.18	0.248329348	1	1	0.248329348		
	Brain_Caudate_basal_ganglia	0.248329348			Brain_Caudate_basal_ganglia	1	1
	1	1.154416759	1.154416759	1.154416759	NA	1	0
	0.988929228						
PROZ	ENSG00000126231.13	0.248346298	2	1	0.228745725		Brain_Cerebellum
	0.273898275	Brain_Cerebellar_Hemisphere	1.980943702	0.019056298			
	1.980943702	1.094129296	1.203596108	1.148862702	0.077404725		
	1	0	0.988929228				
CTSK	ENSG00000143387.12	0.248475242	4	2	0.307628058		
	Brain_Caudate_basal_ganglia	0.943396096			Brain_Cerebellar_Hemisphere		
	3.743011431	0.007837064	0.222214913	-1.020211725	-0.071002086		
	-0.355187843	0.446033902	2	0	0.988929228		
HPCAL4	ENSG00000116983.12	0.248476768	4	4	0.086131369		
	Brain_Caudate_basal_ganglia	0.587152636			Brain_Nucleus_accumbens_basal_ganglia		
	2.513826141	0.152081527	0.152081527	-0.805419535	1.716167611		
	0.683288541	1.104260953	4	0	0.988929228		
SS18L1	ENSG00000184402.14	0.24858476	1	1	0.24858476		
	Brain_Spinal_cord_cervical_c-1	0.24858476	Brain_Spinal_cord_cervical_c-1	1			
	1	1	-1.153793693	-1.153793693	-1.153793693	NA	1
	0.988929228						
PAQR7	ENSG00000182749.5	0.248639054	1	1	0.248639054		Brain_Cerebellum
	0.248639054	Brain_Cerebellum	1	1	1	-1.153661305	-1.153661305
	-1.153661305	NA	1	0	0.988929228		
PSMD14	ENSG00000115233.11	0.248649267	1	1	0.248649267		
	Brain_Frontal_Cortex_BA9	0.248649267	Brain_Frontal_Cortex_BA9	1	1		
	1	-1.153636404	-1.153636404	-1.153636404	NA	1	0
	0.988929228						
TBPL1	ENSG00000028839.9	0.248732689	3	3	0.111910151		Brain_Cerebellum
	0.606832629	Brain_Cerebellar_Hemisphere	1.165715315	0.874808653			
	0.874808653	-1.589665824	0.514599909	-0.71273914	1.095022916		
	3	0	0.988929228				
TXLNA	ENSG00000084652.15	0.248756636	4	3	0.096698059		Brain_Cortex
	0.426750727	Brain_Cerebellum	3.292546962	0.008193868	0.223961247		
	-1.661076622	-0.794764118	-1.201206756	0.387808894	3	0	
	0.988929228						
GAD1	ENSG00000128683.13	0.248805009	1	1	0.248805009		
	Brain_Anterior_cingulate_cortex_BA24	0.248805009					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.153256768		
	-1.153256768	-1.153256768	NA	1	0	0.988929228	
SLC12A8	ENSG00000221955.10	0.249031841	7	5	0.01689016		
	Brain_Hippocampus	0.668396055	Brain_Caudate_basal_ganglia	3.751273188			
	0.08644981	0.129894922	-2.389090102	0.531424312	-0.952472282		
	1.07702454	5	0	0.989089975			
UBLCP1	ENSG00000164332.7	0.249040337	1	1	0.249040337		
	Brain_Cerebellum	0.249040337	Brain_Cerebellum	1	1	1	1.15268345
	1.15268345	1.15268345	NA	1	0	0.989089975	

DRD5 ENSG00000169676.5 0.24908243 4 4 0.269358916
 Brain_Frontal_Cortex_BA9 0.947355891 Brain_Hippocampus 2.908335382
 0.131565959 0.131565959 -0.066027551 1.104540106 0.624145522
 0.578429688 4 0 0.989089975
 SCP2 ENSG00000116171.17 0.2491326 3 2 0.120662096 Brain_Cerebellum
 0.332098164 Brain_Cortex 2.159985298 0.047340175 0.792674527
 0.969896342 1.552000535 1.266451266 0.291208115 2 0
 0.989089975
 SNX29 ENSG00000048471.13 0.249357741 3 3 0.096419741
 Brain_Putamen_basal_ganglia 0.717286627 Brain_Hippocampus 1.894138425
 0.300476134 0.300476134 -1.662464175 0.362087523 -0.708827072
 1.017358296 3 0 0.989089975
 RP11-493L12.4 ENSG00000258181.1 0.249391481 5 4 0.261731508
 Brain_Nucleus_accumbens_basal_ganglia 0.803966765 Brain_Hypothalamus
 3.785514354 0.011521163 0.252796844 -0.577109168 1.122307994
 0.071995207 0.713010977 4 0 0.989089975
 GPATCH1 ENSG00000076650.6 0.249532771 4 3 0.093408616
 Brain_Putamen_basal_ganglia 0.894034018 Brain_Cerebellum 2.326191936
 0.040905316 0.65161209 -0.751833492 1.677684963 0.320872417
 1.006008362 3 0 0.989089975
 MRPS6 ENSG00000243927.5 0.249582864 1 1 0.249582864
 Brain_Anterior_cingulate_cortex_BA24 0.249582864
 Brain_Anterior_cingulate_cortex_BA24 1 1 1 -1.151363157
 -1.151363157 -1.151363157 NA 1 0 0.989089975
 MED22 ENSG00000148297.15 0.249599569 2 2 0.129648264 Brain_Amygdala
 0.565582031 Brain_Putamen_basal_ganglia 1.076261036 0.923738964
 0.923738964 -1.515490382 0.574570171 -0.470460105 1.47789599 2
 0 0.989089975
 CERS5 ENSG00000139624.12 0.24968481 13 4 0.028370369
 Brain_Anterior_cingulate_cortex_BA24 0.311819336
 Brain_Spinal_cord_cervical_c-1 10.43624188 0.008665677 0.433026495
 1.011411882 2.192126571 1.591155203 0.313270621 4 0
 0.989089975
 GGT7 ENSG00000131067.16 0.249706752 3 3 0.076154089
 Brain_Nucleus_accumbens_basal_ganglia 0.847176611 Brain_Amygdala
 1.629119649 0.494974027 0.494974027 -1.773450488 0.192722105
 -0.734339186 0.987863892 3 0 0.989089975
 MFSD13A ENSG00000138111.14 0.249737652 12 3 0.169810285
 Brain_Anterior_cingulate_cortex_BA24 0.964658032 Brain_Frontal_Cortex_BA9
 10.33273428 0.004248982 0.398920144 -1.372813653 0.08297396
 -0.517619421 0.472276626 3 0 0.989089975
 LYPD1 ENSG00000150551.10 0.249764483 4 4 0.092498478
 Brain_Cerebellar_Hemisphere 0.882307133 Brain_Cortex 1.494201739
 0.655130463 0.655130463 -0.924448245 1.682362969 0.241806216
 1.095549924 4 0 0.989089975
 BCL2 ENSG00000171791.12 0.250016027 2 2 0.105012682 Brain_Amygdala
 0.810802986 Brain_Caudate_basal_ganglia 1.08614835 0.91385165 0.91385165
 -1.621023113 0.239390255 -0.690816429 1.315510908 2 0
 0.989147565
 ZFR2 ENSG00000105278.10 0.250025245 3 3 0.066841985
 Brain_Putamen_basal_ganglia 0.635386045 Brain_Amygdala 1.262857485
 0.779427366 0.779427366 -1.832735032 0.570309034 -0.578861892
 1.204938634 3 0 0.989147565
 CYP4F26P ENSG00000226562.3 0.250028699 8 5 0.098626244
 Brain_Hypothalamus 0.935283308 Brain_Anterior_cingulate_cortex_BA24
 5.988356574 0.038416453 0.202025136 -0.702109008 1.65155037
 0.090093185 0.755714479 5 0 0.989147565
 LETMD1 ENSG00000050426.15 0.250061821 10 5 0.173677861
 Brain_Amygdala 0.995331342 Brain_Hypothalamus 7.40909364 0.002104129
 0.259256337 -1.360480685 0.722297348 -0.459499346 0.589407819
 5 0 0.989147565
 PPP1R3D ENSG00000132825.6 0.250160111 1 1 0.250160111

	Brain_Putamen_basal_ganglia	0.250160111		Brain_Putamen_basal_ganglia	1	1	
		-1.149960571	-1.149960571		-1.149960571	NA	1 0
		0.989256676					
CTNND1	ENSG00000198561.13	0.250257833			1	1	0.250257833
	Brain_Nucleus_accumbens_basal_ganglia	0.250257833					
	Brain_Nucleus_accumbens_basal_ganglia	1	1		-1.149723352		
		-1.149723352	-1.149723352	NA	1	0	0.989275155
RBM19	ENSG00000122965.10	0.250340024	8		5		0.019465954
	Brain_Cerebellar_Hemisphere	0.129699385		Brain_Nucleus_accumbens_basal_ganglia			
		6.096048634	0.019150583		0.229996929	-2.336485478	-1.515288399
		-1.953698556	0.303480707	5	0		0.989275155
GRAMD4	ENSG00000075240.16	0.250483982			1	1	0.250483982
	Brain_Cerebellum	0.250483982		Brain_Cerebellum	1	1	1.149174626
		1.149174626	1.149174626	NA	1	0	0.989275155
SERGEF	ENSG00000129158.10	0.250592958			2	2	0.192050436
	Brain_Nucleus_accumbens_basal_ganglia	0.963366066		Brain_Caudate_basal_ganglia			
		1.642014247	0.357985753		0.357985753	0.045929971	1.304537341
		0.675233656	0.889969806	2	0		0.989275155
CTA-150C2.13	ENSG00000235209.1	0.250616294			13	2	0.091501918
	Brain_Hippocampus	0.90945668		Brain_Putamen_basal_ganglia	11.25123735		
		0.000572835	0.726401992		-1.687527751	-0.113723882	-0.843768136
		0.334307375	2	0			0.989275155
SEC14L1	ENSG00000129657.14	0.250620828			2	1	0.245805051
	Brain_Nucleus_accumbens_basal_ganglia	0.255570746		Brain_Cortex			
		1.999714089	0.000285911		1.999714089	1.136922354	1.160598906
		1.14876063	0.01674185	1	0		0.989275155
C5orf67	ENSG00000225940.5	0.250663855			1	1	0.250663855
	Brain_Nucleus_accumbens_basal_ganglia	0.250663855					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		1.148738428	
		1.148738428	1.148738428	NA	1	0	0.989275155
HVCN1	ENSG00000122986.13	0.250730448			1	1	0.250730448
	Brain_Nucleus_accumbens_basal_ganglia	0.250730448					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		-1.148576994	
		-1.148576994	-1.148576994	NA	1	0	0.989275155
TMEM57	ENSG00000204178.9	0.250812456			3	2	0.07722363
	Brain_Frontal_Cortex_BA9	2.252154929		Brain_Cerebellum			
		0.610072365	Brain_Frontal_Cortex_BA9		0.021509442		
		0.726335629	-1.76702746		-0.509970163	-1.264707109	0.665457636
		2	0				0.989319727
TCTE1	ENSG00000146221.9	0.250957074			5	3	0.116296518
	Brain_Frontal_Cortex_BA9	0.918214204		Brain_Cortex			3.452568617
		0.040711973	0.574181254		-0.584983593	1.570509964	0.257092143
		0.805103922	3	0			0.989573785
LINC01679	ENSG00000237989.1	0.251053989			1	1	0.251053989
	Brain_Hypothalamus	0.251053989		Brain_Hypothalamus	1	1	1
		1.147793095	1.147793095		1.147793095	NA	1 0 0.989573785
ABHD11	ENSG00000106077.18	0.251216438			10	4	0.029495476
	Brain_Putamen_basal_ganglia	0.88241889		Brain_Caudate_basal_ganglia			7.437259748
		0.000797276	0.419325636		-0.216106989	2.176800222	0.774590817
		0.643178659	4	0			0.989573785
ZNF37A	ENSG00000075407.18	0.251243209			3	3	0.253390539
	Brain_Amygdala	0.636381181		Brain_Nucleus_accumbens_basal_ganglia			
		2.256861557	0.349242251		0.349242251	-1.142152733	0.546230051
		-0.356229071	0.850202618	3	0		0.989573785
STXBP6	ENSG00000168952.15	0.251297075			6	6	0.210393493
	Brain_Substantia_nigra	0.830490697		Brain_Nucleus_accumbens_basal_ganglia			
		2.417558607	0.147117645		0.147117645	-1.226323267	1.25248417
		0.201265691	0.938121078	6	0		0.989573785
DHX30	ENSG00000132153.14	0.251307247			2	2	0.105220621
	Brain_Anterior_cingulate_cortex_BA24	0.873280685		Brain_Amygdala			
		1.315696036	0.684303964		0.684303964	-1.620054262	-0.159492731
		-0.889773497	1.032772963	2	0		0.989573785
RP11-687F6.5	ENSG00000274776.1	0.251458524			3	2	0.101970781

	Brain_Cortex	0.204330465		Brain_Cerebellum	2.80538096	0.074581628			
	0.120037412	-1.635373469		-1.269310158	-1.48869321	0.193558412			
	2	0	0.989573785						
BBOX1	ENSG00000129151.8	0.251462561	4	4	0.070245092		Brain_Cortex		
	0.8314721	Brain_Putamen_basal_ganglia	2.329418897		0.256975211				
	0.256975211	-1.810327001	0.601496519		-0.313756789	1.057935865			
	4	0	0.989573785						
HYAL3	ENSG00000186792.16	0.251560685	10	9	0.014818761				
	Brain_Anterior_cingulate_cortex_BA24	0.585767371			Brain_Cortex				
	3.067365861	0.095460634	0.186334573		-2.436778307	0.949120015			
	-1.181953049	1.029174616	9	0	0.989573785				
EIF4EBP1	ENSG00000187840.4	0.251640053	1	1	0.251640053				
	Brain_Spinal_cord_cervical_c-1	0.251640053			Brain_Spinal_cord_cervical_c-1				
	1	1	-1.146374925	-1.146374925	-1.146374925	NA	1	0	
	0.989573785								
MPIG6B	ENSG00000204420.8	0.251654887	3	3	0.08039602		Brain_Cerebellum		
	0.713846131	Brain_Nucleus_accumbens_basal_ganglia	1.39002313		0.612424969				
	0.612424969	-1.748392881	0.900260177		-0.160479053	1.40081246	3		
	0	0.989573785							
DEK	ENSG00000124795.14	0.251768309	1	1	0.251768309				
	Brain_Putamen_basal_ganglia	0.251768309			Brain_Putamen_basal_ganglia	1	1		
	1	1.146064878	1.146064878	1.146064878	NA	1	0		
	0.989590105								
ZNF678	ENSG00000181450.17	0.251800498	3	3	0.082366281				
	Brain_Spinal_cord_cervical_c-1	0.822544984			Brain_Cortex	1.276249668			
	0.76119342	0.76119342	-0.830813006	1.737118363	0.37685941	1.290747794			
	3	0	0.989590105						
YPEL4	ENSG00000166793.10	0.251881808	1	1	0.251881808				
	Brain_Frontal_Cortex_BA9	0.251881808			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.145790594	-1.145790594	-1.145790594	NA	1	0	0.98963167	
CHSY1	ENSG00000131873.5	0.252010222	1	1	0.252010222				
	Brain_Hypothalamus	0.252010222			Brain_Hypothalamus	1	1	1	
	1.145480371	1.145480371	1.145480371	NA	1	0	0.989788891		
TNFAIP2	ENSG00000185215.8	0.252087754	1	1	0.252087754				
	Brain_Frontal_Cortex_BA9	0.252087754			Brain_Frontal_Cortex_BA9	1	1		
	1	-1.145293122	-1.145293122	-1.145293122	NA	1	0		
	0.989788891								
PFKFB2	ENSG00000123836.14	0.252196216	1	1	0.252196216				
	Brain_Anterior_cingulate_cortex_BA24	0.252196216							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.145031243				
	1.145031243	1.145031243	NA	1	0	0.989788891			
PRAG1	ENSG00000275342.4	0.252204803	3	3	0.280685546				
	Brain_Putamen_basal_ganglia	0.454956605			Brain_Cortex	1.463095025			
	0.597737092	0.597737092	-1.001931545	1.078780598	0.274675418				
	1.117937479	3	0	0.989788891					
STK16	ENSG00000115661.13	0.252292771	4	2	0.109532388				
	Brain_Frontal_Cortex_BA9	0.607509109			Brain_Cortex	3.331500204			
	0.010127499	0.582362753	0.513632276	1.600298463	0.818189887				
	0.522366512	2	0	0.989856467					
DGKQ	ENSG00000145214.13	0.252522981	8	7	0.013844863				
	Brain_Frontal_Cortex_BA9	0.834805523			Brain_Anterior_cingulate_cortex_BA24				
	3.13580671	0.082240643	0.134786208	-0.714141314	2.461263544				
	0.737208377	1.064290263	7	0	0.989943081				
SIAH2	ENSG00000181788.3	0.252638602	1	1	0.252638602				
	Brain_Substantia_nigra	0.252638602			Brain_Substantia_nigra	1	1		
	1	1.143963916	1.143963916	1.143963916	NA	1	0		
	0.989943081								
LSM5	ENSG00000106355.9	0.252721967	3	3	0.290242968				
	Brain_Cerebellar_Hemisphere	0.865292371			Brain_Frontal_Cortex_BA9				
	2.474630159	0.20473858	0.20473858	-0.169641135	1.057588763				
	0.501439779	0.621635196	3	0	0.989943081				
DDX1	ENSG00000079785.14	0.252790022	5	5	0.078169246				

	Brain_Hippocampus	0.989241776		Brain_Cerebellum	1.214634725			
	0.849789423	0.849789423	-1.761408743		0.449458569			-0.731404152
	0.923702936	5	0	0.989943081				
NEIL1	ENSG00000140398.13	0.252800667	2	2	0.107991623			
	Brain_Nucleus_accumbens_basal_ganglia	0.169801725		Brain_Caudate_basal_ganglia				
	1.664074768	0.335925232	0.335925232		-1.607286096			-1.372841182
	-1.490063639	0.165777589	2	0	0.989943081			
TMIGD3	ENSG00000121933.18	0.252809207	2	2	0.125980768			
	Brain_Hippocampus	0.190103642		Brain_Caudate_basal_ganglia	1.492632757			
	0.507367243	0.507367243	-1.530145297		-1.310272574			-1.420208936
	0.155473493	2	0	0.989943081				
ZGLP1	ENSG00000220201.7	0.252810137	4	4	0.151794964		Brain_Cerebellum	
	0.909937583	Brain_Cerebellar_Hemisphere	1.713004961		0.305219188			
	0.305219188	-1.43322004	0.359809862		-0.288433927		0.796036418	
	4	0	0.989943081					
LINC01694	ENSG00000233922.2	0.252884994	2	2	0.110286017			
	Brain_Cerebellar_Hemisphere	0.418277704		Brain_Cerebellum	1.705186531			
	0.294813469	0.294813469	-1.596908895		-0.809412866			-1.203160881
	0.556843783	2	0	0.989959136				
CD55	ENSG00000196352.14	0.252981287	5	5	0.190671364			
	Brain_Cerebellar_Hemisphere	0.906178177		Brain_Hippocampus	2.849365008			
	0.223120664	0.223120664	-1.308595623		0.250027698			-0.462558121
	0.645030839	5	0	0.990059072				
USH1C	ENSG00000006611.15	0.253102165	2	2	0.185384688			
	Brain_Cerebellar_Hemisphere	0.389259523		Brain_Caudate_basal_ganglia	1.09901927			
	0.90098073	0.90098073	-0.860960999	1.324356458	0.231697729			
	1.545252793	2	0	0.990255142				
CASD1	ENSG00000127995.16	0.253208726	9	9	0.153156441			
	Brain_Frontal_Cortex_BA9	0.886508908		Brain_Cerebellum	2.631717953			
	0.204336174	0.204336174	-1.413543019		1.428470635			0.188863644
	0.947525736	9	0	0.990395103				
UBA2	ENSG00000126261.12	0.253327371	1	1	0.253327371		Brain_Amygdala	
	0.253327371	Brain_Amygdala	1	1	1	1.142304742		1.142304742
	1.142304742	NA	1	0	0.990582238			
CD48	ENSG00000117091.9	0.253444756	1	1	0.253444756			
	Brain_Hypothalamus	0.253444756		Brain_Hypothalamus	1	1	1	
	-1.142022287	-1.142022287	-1.142022287	NA	1	0		0.990645409
GDF5	ENSG00000125965.8	0.253694567	3	3	0.274247023			
	Brain_Putamen_basal_ganglia	0.941816046		Brain_Frontal_Cortex_BA9	2.12300591			
	0.18262087	0.18262087	-0.163180804	1.093334358	0.334380359			
	0.667796563	3	0	0.990645409				
VEZT	ENSG00000028203.17	0.253791636	5	5	0.035290451			
	Brain_Cerebellar_Hemisphere	0.84646576		Brain_Caudate_basal_ganglia	2.015989189			
	0.491717787	0.491717787	0.193629803		2.10500984			1.340028642
	0.710143834	5	0	0.990645409				
BCAS4	ENSG00000124243.17	0.253797513	2	2	0.117993363		Brain_Cortex	
	0.548609252	Brain_Frontal_Cortex_BA9	1.034319857		0.965680143			
	0.965680143	0.599845432	1.563251877		1.081548654			0.68123123 2
	0	0.990645409						
ELOB	ENSG00000103363.14	0.253848737	1	1	0.253848737			
	Brain_Putamen_basal_ganglia	0.253848737		Brain_Putamen_basal_ganglia	1	1		
	1	-1.141050912	-1.141050912	-1.141050912	NA	1	0	
	0.990645409							
SIGLEC14	ENSG00000254415.3	0.253928987	12	2	0.088567863			
	Brain_Hippocampus	0.513862741		Brain_Substantia_nigra	10.40825034			
	0.006633439	0.472320601	0.652834869		1.703001099			1.262622033
	0.333250516	2	0	0.990645409				
FAM182B	ENSG00000175170.14	0.253988569	13	3	0.037657501			
	Brain_Anterior_cingulate_cortex_BA24	0.540503097		Brain_Cortex				
	10.61119493	0.013170163	0.558770025		0.612052388			2.078563364
	1.412978216	0.404328695	3	0	0.990645409			
INPP5F	ENSG00000198825.12	0.2541471	1	1	0.2541471		Brain_Cerebellum	

	0.2541471	Brain_Cerebellum1	1	1	1.140334187	1.140334187
	1.140334187	NA	1	0	0.990645409	
FAM95C	ENSG00000273036.2		0.254202872	6	4	0.206319278
	Brain_Cerebellar_Hemisphere	0.976752729		Brain_Amygdala	4.099814682	
	0.032991651	0.270976701	-1.263751379	0.824329352	-0.287638009	
	0.704256669	4	0	0.990645409		
DNASE2B	ENSG00000137976.7		0.25421295	1	1	0.25421295
	Brain_Anterior_cingulate_cortex_BA24	0.25421295				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.140176082	
	-1.140176082	-1.140176082	NA	1	0	0.990645409
SLC52A1	ENSG00000132517.14		0.254362841	1	1	0.254362841
	Brain_Hippocampus	0.254362841		Brain_Hippocampus	1	1
	-1.139816301	-1.139816301	-1.139816301	NA	1	0
						0.990645409
CCDC136	ENSG00000128596.16		0.254368792	2	2	0.162761696
	Brain_Cerebellar_Hemisphere	0.585276321		Brain_Cerebellum1	2.28762128	
	0.771237872	0.771237872	-1.395843274	0.545693965	-0.425074654	
	1.372874148	2	0	0.990645409		
C2orf81	ENSG00000284308.1		0.25441693	1	1	0.25441693
	Brain_Anterior_cingulate_cortex_BA24	0.25441693				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.139686508	
	1.139686508	1.139686508	NA	1	0	0.990645409
AP000230.1	ENSG00000273492.5		0.254545761	13	7	0.014822474
	Brain_Amygdala	0.867451955		Brain_Substantia_nigra	7.888113462	
	0.024681788	0.337352956	-0.166895905	2.436687719	1.283073013	
	0.723199669	7	0	0.990645409		
CTD-2186M15.3	ENSG00000272086.1		0.254556026	1	1	0.254556026
	Brain_Cerebellum	0.254556026		Brain_Cerebellum1	1	1
	1.139352819	1.139352819	NA	1	0	0.990645409
HOXB3	ENSG00000120093.11		0.254561702	2	2	0.110023935
	Brain_Cerebellar_Hemisphere	1.855102692		Brain_Cerebellum	0.144897308	
	0.144897308	1.588041169	1.598085568	1.593063368	0.007102463	
	2	0	0.990645409			
PTGIR	ENSG00000160013.8		0.254613657	1	1	0.254613657
	Brain_Hypothalamus	0.254613657		Brain_Hypothalamus	1	1
	1.139214602	1.139214602	1.139214602	NA	1	0
						0.990645409
LINC00500	ENSG00000249381.1		0.254618032	11	11	0.009307395
	Brain_Nucleus_accumbens_basal_ganglia	0.891613502		Brain_Amygdala		
	2.334892576	0.442615363	0.442615363	-2.600551851	0.310999857	
	-0.746242105	1.03168238	11	0	0.990645409	
RNF130	ENSG00000113269.13		0.254833297	1	1	0.254833297
	Brain_Cerebellum	0.254833297		Brain_Cerebellum1	1	1
	-1.13868803	-1.13868803	NA	1	0	0.991040625
PIGQ	ENSG00000007541.16		0.255021117	9	1	0.016889853
	Brain_Hippocampus	0.545128795		Brain_Hypothalamus	8.640766364	
	0.001392783	8.640766364	0.605075556	2.389096762	1.12637081	
	0.528682451	1	0	0.991040625		
RFC1	ENSG00000035928.15		0.255110855	2	2	0.216954946
	Brain_Cerebellar_Hemisphere	1.859997822		Brain_Cerebellum	0.140002178	
	0.140002178	0.501012646	1.2346657	0.867839173	0.518771049	2
	0	0.991040625				
KRT7	ENSG00000135480.15		0.255118598	2	2	0.103983662
	Brain_Hippocampus	0.813609501		Brain_Spinal_cord_cervical_c-1		
	1.038031583	0.961968417	0.961968417	-0.235772123	1.625840164	
	0.69503402	1.316358672	2	0	0.991040625	
GUCA1B	ENSG00000112599.8		0.255177304	12	3	0.418252995
	Brain_Substantia_nigra	0.959264291		Brain_Nucleus_accumbens_basal_ganglia		
	10.17524954	0.000704885	0.342828431	-0.809455838	0.737736151	
	0.10855973	0.458510221	3	0	0.991040625	
CDKL3	ENSG00000006837.11		0.255282077	1	1	0.255282077
	Brain_Anterior_cingulate_cortex_BA24	0.255282077				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.137613092	
	1.137613092	1.137613092	NA	1	0	0.991040625

DDX18	ENSG00000088205.12	0.255284973	2	2	0.100699579	Brain_Cerebellum
	0.231221754	Brain_Hypothalamus	1.640160857		0.359839143	
	0.359839143	-1.641471498	1.197217594		-0.222126952	2.007256306
	2	0	0.991040625			
GPRIN3	ENSG00000185477.4	0.255373739	3	2	0.187774435	
	Brain_Cortex	0.264837906	Brain_Cerebellum	2.013221821		0.002229292
	0.984548887	-1.115029207	1.317191523		0.503349386	1.401564697
	2	0	0.991040625			
CTB-61M7.2	ENSG00000268734.1	0.25542945	2	2	0.16751764	Brain_Hypothalamus
	0.418629508	Brain_Amygdala	1.070297858		0.929702142	0.929702142
	-1.38022415	0.808801197	-0.285711477		1.547874667	2
	0.991040625					0
HPD	ENSG00000158104.11	0.255655304	1	1	0.255655304	
	Brain_Nucleus_accumbens_basal_ganglia	0.255655304				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.136720125	
	1.136720125	1.136720125	NA	1	0	0.991040625
RP1-223B1.1	ENSG00000228793.1	0.255663306	13	6	0.036787061	
	Brain_Anterior_cingulate_cortex_BA24	0.7197972	Brain_Substantia_nigra			
	9.032404228	0.016459367	0.329141657		-2.088119449	0.358729845
	-0.824438864	0.599639197	6	0	0.991040625	
RDH13	ENSG00000160439.15	0.255703304	5	4	0.05806547	
	Brain_Spinal_cord_cervical_c-1	0.975850929	Brain_Putamen_basal_ganglia			
	2.949889902	0.026802608	0.231246066		0.030270995	1.895203321
	1.327060391	0.779806383	4	0	0.991040625	
RP11-365P13.5	ENSG00000277767.1	0.255726043	13	4	0.028049061	
	Brain_Hypothalamus	0.209706267	Brain_Amygdala	10.74215667		
	0.000957131	0.386825293	1.254373536		2.196599517	1.926200035
	0.272832404	4	0	0.991040625		
RP11-282A11.4	ENSG00000277863.1	0.255748966	9	9	0.041530847	
	Brain_Hypothalamus	0.922771822	Brain_Amygdala	2.479395084		
	0.278760681	0.278760681	-1.206839497		2.038190878	0.581668576
	1.035985487	9	0	0.991040625		
CROT	ENSG00000005469.11	0.255782124	3	3	0.126648005	
	Brain_Spinal_cord_cervical_c-1	0.363398388	Brain_Substantia_nigra			
	1.114401841	0.886894965	0.886894965		-1.527454615	-0.908908572
	-1.178838917	0.316691238	3	0	0.991040625	
CTA-929C8.8	ENSG00000230051.1	0.255977905	6	6	0.028820655	
	Brain_Putamen_basal_ganglia	0.791327337	Brain_Cortex	2.158696071		
	0.354968371	0.354968371	-2.185930987		-0.264587388	-1.101570424
	0.654596476	6	0	0.991226735		
RP1-193H18.2	ENSG00000267194.1	0.255978546	1	1	0.255978546	
	Brain_Frontal_Cortex_BA9	0.255978546	Brain_Frontal_Cortex_BA9	1	1	
	1	-1.135947479	-1.135947479	-1.135947479	NA	1
	0.991226735					0
DNAJC4	ENSG00000110011.13	0.2560427	3	3	0.12464399	
	Brain_Nucleus_accumbens_basal_ganglia	0.820764111	Brain_Hippocampus			
	1.23324823	0.82141564	0.82141564	-1.476940317	1.535569539	-0.055977692
	1.513482157	3	0	0.991226735		
SLC39A9	ENSG00000029364.11	0.256154486	1	1	0.256154486	
	Brain_Cerebellar_Hemisphere	0.256154486	Brain_Cerebellar_Hemisphere	1	1	
	1	-1.135527213	-1.135527213	-1.135527213	NA	1
	0.991382948					0
TTC39C	ENSG00000168234.12	0.256274568	2	2	0.331469675	
	Brain_Cerebellar_Hemisphere	0.871437328	Brain_Cerebellum	1.746863994		
	0.253136006	0.253136006	-0.161833048		0.97115786	0.404662406
	0.801145554	2	0	0.991382948		
CGA	ENSG00000135346.8	0.256295627	1	1	0.256295627	
	Brain_Spinal_cord_cervical_c-1	0.256295627	Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.135190217	1.135190217	1.135190217
	0.991382948					NA
						1
						0
RP11-433A10.3	ENSG00000272774.1	0.256415343	1	1	0.256415343	
	Brain_Hypothalamus	0.256415343	Brain_Hypothalamus	1	1	1

	1.134904478	1.134904478	1.134904478	NA	1	0	0.991571882
FAM13C	ENSG00000148541.12	0.256552796	1	1	0.256552796		
	Brain_Putamen_basal_ganglia	0.256552796		Brain_Putamen_basal_ganglia	1	1	
	1	-1.134576518	-1.134576518	-1.134576518	NA	1	0.99177351
RP11-51B23.3	ENSG00000254847.1	0.256656214	5	5	0.103322077		
	Brain_Cerebellar_Hemisphere	0.916018908		Brain_Caudate_basal_ganglia			
	1.681204351	0.393728476	0.393728476	-1.469001515	1.628957215		
	0.56824402	1.331531977	5	0	0.99177351		
HOMER3	ENSG00000051128.18	0.256680143	5	5	0.05402307	Brain_Cortex	
	0.631837097	Brain_Frontal_Cortex_BA9	1.265003951	0.763593213			
	0.763593213	-1.926651545	1.143968111	-0.630888163	1.124962532		
	5	0	0.99177351				
TNNI2	ENSG00000130598.15	0.256849298	2	2	0.18970348		
	Brain_Caudate_basal_ganglia	0.342715454		Brain_Frontal_Cortex_BA9			
	1.037952118	0.962047882	0.962047882	0.948813541	1.3114568		
	1.13013517	0.256427507	2	0	0.992153101		
PNPLA7	ENSG00000130653.15	0.257176709	9	8	0.012186875		
	Brain_Hippocampus	0.782551869		Brain_Nucleus_accumbens_basal_ganglia			
	2.583999373	0.034867195	0.103487437	-2.506686493	1.568183899		
	-0.300782779	1.392938462	8	0	0.992493858		
TCEA3	ENSG00000204219.9	0.257550347	13	2	0.035218979		
	Brain_Nucleus_accumbens_basal_ganglia	0.504678789		Brain_Cerebellum			
	11.81644306	0.000589567	0.580797268	-2.105831647	-0.667146142		
	-1.3723942	0.312018095	2	0	0.992493858		
NF2	ENSG00000186575.17	0.257651185	1	1	0.257651185		
	Brain_Spinal_cord_cervical_c-1	0.257651185		Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.131960159	1.131960159	NA	1
	0.992493858						0
ADPRHL2	ENSG00000116863.10	0.257682809	3	3	0.072303872		
	Brain_Hippocampus	0.844390656		Brain_Cortex	1.106914622		
	0.877854119	0.877854119	0.196280458	1.797200019	1.017580512		
	0.801273244	3	0	0.992493858			
NHLH1	ENSG00000171786.5	0.257736824	2	2	0.100806878	Brain_Cerebellum	
	0.215536142	Brain_Cerebellar_Hemisphere	1.694450667	0.305549333			
	0.305549333	-1.640954414	-1.238485373	-1.439719893	0.284588588		
	2	0	0.992493858				
PIK3R4	ENSG00000196455.7	0.257780186	6	3	0.065810922		
	Brain_Cortex	0.480180253		Brain_Spinal_cord_cervical_c-1	4.880432889		
	0.003486776	0.5368537	-1.839709337	-0.706012679	-1.501916658		
	0.404005329	3	0	0.992493858			
NEMP2	ENSG00000189362.11	0.257807104	1	1	0.257807104	Brain_Cerebellum	
	0.257807104	Brain_Cerebellum	1	1	1.131589387	1.131589387	
	1.131589387	NA	1	0	0.992493858		
ITGA6	ENSG00000091409.14	0.257947601	3	3	0.04567341	Brain_Cortex	
	0.816504321	Brain_Caudate_basal_ganglia	1.276791931	0.638153195			
	0.638153195	-0.389553814	1.998399095	0.613629554	1.238864714		
	3	0	0.992493858				
NPEPPS	ENSG00000141279.15	0.257980184	5	4	0.056531574		
	Brain_Nucleus_accumbens_basal_ganglia	0.986976179		Brain_Cerebellum			
	3.212878817	0.062342628	0.192168121	-1.906915164	0.928611159		
	-0.656764579	1.128776451	4	0	0.992493858		
ZC3H4	ENSG00000130749.9	0.258098138	1	1	0.258098138		
	Brain_Nucleus_accumbens_basal_ganglia	0.258098138					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.130897731		
	-1.130897731	-1.130897731	NA	1	0.992493858		
RBM48	ENSG00000127993.15	0.258162392	8	5	0.066938285		
	Brain_Anterior_cingulate_cortex_BA24	0.839156566		Brain_Cortex			
	5.675670771	0.00843137	0.252683886	-1.832088177	-0.202972449		
	-1.22395268	0.670793359	5	0	0.992493858		
ACR	ENSG00000100312.10	0.258180132	1	1	0.258180132	Brain_Amygdala	
	0.258180132	Brain_Amygdala	1	1	1.130702968	1.130702968	
	1.130702968	NA	1	0	0.992493858		

RAI14 ENSG00000039560.13 0.258219405 5 5 0.054776178
Brain_Putamen_basal_ganglia 0.658061457 Brain_Amygdala 1.253624701
0.626192469 0.626192469 -1.920647378 0.812610806 -0.365392628
1.160059621 5 0 0.992493858

SPPL2C ENSG00000185294.6 0.258250808 4 3 0.170197839
Brain_Cerebellum 0.523314444 Brain_Cerebellar_Hemisphere 2.823170558
0.086500668 0.191972663 -1.371568391 1.329723731 -0.390027487
1.186405194 3 0 0.992493858

SUSD4 ENSG00000143502.14 0.25841516 5 4 0.031922782 Brain_Cerebellum
0.547117682 Brain_Putamen_basal_ganglia 3.123558505 0.082064587
0.121375736 0.602084816 2.145376181 1.334260239 0.59327793 4
0 0.992493858

BCAT2 ENSG00000105552.14 0.258424544 3 3 0.059652134
Brain_Frontal_Cortex_BA9 0.798829123 Brain_Cerebellum 1.55390644
0.550855142 0.550855142 -0.255612623 1.88335604 0.627535382
1.117121486 3 0 0.992493858

RP4-535B20.1 ENSG00000231485.1 0.258492911 1 1 0.258492911
Brain_Cortex 0.258492911 Brain_Cortex 1 1 1 -1.129960401
-1.129960401 -1.129960401 NA 1 0 0.992493858

USP6NL ENSG00000148429.14 0.258610273 4 4 0.084559972
Brain_Nucleus_accumbens_basal_ganglia 0.530664293
Brain_Spinal_cord_cervical_c-1 1.887310954 0.408651443 0.408651443
-1.72481969 -0.626992283 -1.326792618 0.49404095 4 0
0.992493858

RAB37 ENSG00000172794.19 0.258671978 5 4 0.16865654
Brain_Caudate_basal_ganglia 0.717305606 Brain_Frontal_Cortex_BA9
2.162646337 0.012478244 0.443015293 0.362062125 1.376533446
0.93122544 0.459701168 4 0 0.992493858

SNRPE ENSG00000182004.12 0.258675923 8 2 0.294976945 Brain_Amygdala
0.974999127 Brain_Frontal_Cortex_BA9 7.170809183 6.21E-05
0.479578429 -1.047265931 0.380640198 0.006011585 0.447160087
2 0 0.992493858

NKX1-2 ENSG00000229544.8 0.258717464 1 1 0.258717464
Brain_Cerebellum 0.258717464 Brain_Cerebellum 1 1 1 1.129427674
1.129427674 1.129427674 NA 1 0 0.992493858

DENND3 ENSG00000105339.10 0.258739486 2 2 0.188650679
Brain_Anterior_cingulate_cortex_BA24 0.404276521 Brain_Cortex
1.112239241 0.887760759 0.887760759 -0.83400792 1.314581238
0.240286659 1.519281964 2 0 0.992493858

SPHK1 ENSG00000176170.13 0.258800306 1 1 0.258800306 Brain_Cortex
0.258800306 Brain_Cortex 1 1 1 -1.129231221 -1.129231221
-1.129231221 NA 1 0 0.992493858

ROBO2 ENSG00000185008.17 0.258807662 2 2 0.179019709 Brain_Cerebellum
0.746028123 Brain_Cerebellar_Hemisphere 1.40393719 0.59606281 0.59606281
-1.343779475 0.323881008 -0.509949233 1.179214037 2 0
0.992493858

ASIC4 ENSG00000072182.12 0.258860848 1 1 0.258860848 Brain_Cerebellum
0.258860848 Brain_Cerebellum 1 1 1 1.129087679 1.129087679
1.129087679 NA 1 0 0.992493858

TLR10 ENSG00000174123.10 0.259028891 1 1 0.259028891
Brain_Substantia_nigra 0.259028891 Brain_Substantia_nigra 1 1
1 1.12868938 1.12868938 1.12868938 NA 1 0 0.992493858

KLHL7 ENSG00000122550.17 0.259253642 2 2 0.133394164
Brain_Caudate_basal_ganglia 0.33969131 Brain_Amygdala 1.199472977
0.800527023 0.800527023 0.954775361 1.50085077 1.227813066
0.386133624 2 0 0.992493858

HEY2 ENSG00000135547.8 0.25932316 3 3 0.080464998
Brain_Anterior_cingulate_cortex_BA24 0.24587521 Brain_Spinal_cord_cervical_c-1
2.012679493 0.475565948 0.475565948 -1.747994395 -1.160426483
-1.546584224 0.334526174 3 0 0.992493858

TPH1 ENSG00000129167.9 0.259355863 3 3 0.107662781
Brain_Frontal_Cortex_BA9 0.875940364 Brain_Cerebellum 1.392453386

	0.596926311	0.596926311	-1.608787657	0.882241161	-0.190142982
	1.281104372	3	0	0.992493858	
FXVD5	ENSG00000089327.14	0.259493261	1	1	0.259493261
	0.259493261	Brain_Cortex	1	1	1
	-1.127589646	NA	1	0	0.992493858
STAG1	ENSG00000118007.12	0.259663015	1	1	0.259663015
	Brain_Substantia_nigra	0.259663015	Brain_Substantia_nigra	1	1
	1	-1.127187971	-1.127187971	-1.127187971	NA
	0.992493858			1	0
RP11-124N19.4	ENSG00000283075.1	0.259675968	2	2	0.128433186
	Brain_Cerebellar_Hemisphere	0.274846741	Brain_Cerebellum	1.897945232	
	0.102054768	0.102054768	1.091968968	1.520309587	1.306139278
	0.302882557	2	0	0.992493858	
PIGF	ENSG00000151665.12	0.259765512	5	5	0.126224698
	Brain_Spinal_cord_cervical_c-1	0.937692359	Brain_Cortex	2.77775844	
	0.143826359	0.143826359	-0.084903178	1.529160348	0.666129328
	0.692371969	5	0	0.992493858	
RP11-411K7.1	ENSG00000236740.6	0.25985539	1	1	0.25985539
	Brain_Frontal_Cortex_BA9	0.25985539	Brain_Frontal_Cortex_BA9	1	1
	1.126732989	1.126732989	1.126732989	NA	1
	0.992493858			0	
GLCE	ENSG00000138604.9	0.25990434	2	2	0.484202989
	Brain_Amygdala	1.815330601	Brain_Hypothalamus	0.184669399	0.184669399
	-0.289490852	0.699558625	0.205033886	0.699363592	2
	0.992493858				0
OSER1-AS1	ENSG00000223891.5	0.260089529	3	3	0.056507949
	Brain_Cortex	0.786604965	Brain_Putamen_basal_ganglia	1.773035352	
	0.410885295	0.410885295	-1.907097606	-0.270721857	-1.116328512
	0.819564986	3	0	0.992493858	
AF146191.4	ENSG00000245685.6	0.260091904	13	5	0.060157776
	Brain_Anterior_cingulate_cortex_BA24	0.948306665	Brain_Caudate_basal_ganglia	0.466545791	
	10.07495021	9.51E-06	0.363529942	-1.879635471	0.466545791
	-0.304572924	0.601575278	5	0	0.992493858
NEFL	ENSG00000277586.2	0.260112706	2	1	0.184344839
	Brain_Cerebellar_Hemisphere	0.36501105	Brain_Cerebellum	1.966581167	
	0.033418833	1.966581167	0.905857939	1.327495465	1.116676702
	0.298142754	1	0	0.992493858	
PHF21B	ENSG00000056487.15	0.26012253	1	1	0.26012253
	Brain_Cortex	1	1	1	1.126101568
	1.126101568	NA	1	0	0.992493858
GRIN3B	ENSG00000116032.5	0.26017408	6	4	0.267352206
	Brain_Cerebellum	4.306345191	Brain_Cortex	0.22860767	
	-1.109180772	1.066044955	0.067342415	0.776255233	4
	0.992493858				0
ACAT1	ENSG00000075239.13	0.260305423	10	9	0.06314791
	Brain_Anterior_cingulate_cortex_BA24	0.780357857	Brain_Cerebellum	2.76293395	
	0.091631182	0.284889507	-1.833444002	1.858148633	-0.255685411
	1.230747467	9	0	0.992493858	
SPATA21	ENSG00000187144.11	0.260311417	2	2	0.147284654
	Brain_Cerebellar_Hemisphere	0.576314584	Brain_Cerebellum	1.741617521	
	0.258382479	0.258382479	-1.449189555	-0.558776029	-1.003982792
	0.629617442	2	0	0.992493858	
AC159540.1	ENSG00000230606.10	0.260354946	11	4	0.134843128
	Brain_Cerebellar_Hemisphere	0.987511468	Brain_Putamen_basal_ganglia	0.124573793	
	9.058572571	0.006087637	0.41024154	-1.495273311	0.124573793
	-0.667177452	0.512913292	4	0	0.992493858
HRH3	ENSG00000101180.15	0.260355405	2	2	0.18879815
	Brain_Cerebellum	1.425364931	Brain_Cerebellum	0.574635069	
	0.741553709	Brain_Cerebellar_Hemisphere	1.425364931	0.574635069	
	0.574635069	-1.314142811	0.329796531	-0.49217314	1.162440657
	2	0	0.992493858		
HS3ST5	ENSG00000249853.7	0.260362174	1	1	0.260362174
	Brain_Cerebellar_Hemisphere	0.260362174	Brain_Cerebellar_Hemisphere	1	1
	1	-1.125535521	-1.125535521	-1.125535521	NA
				1	0

0.992493858
TSFM ENSG00000123297.17 0.260637923 10 3 0.065080731
Brain_Caudate_basal_ganglia 0.844977886 Brain_Amygdala 8.027760833
0.006529596 0.57079867 -1.84470316 -0.195530214 -1.329902792
0.565714742 3 0 0.992493858
ZNF239 ENSG00000196793.13 0.26073803 6 3 0.046688027
Brain_Nucleus_accumbens_basal_ganglia 0.186211393 Brain_Cerebellar_Hemisphere
5.198403509 0.014680022 0.228111439 -1.989119385 -1.321870152
-1.654169328 0.274231077 3 0 0.992493858
HIF3A ENSG00000124440.15 0.260846998 1 1 0.260846998
Brain_Caudate_basal_ganglia 0.260846998 Brain_Caudate_basal_ganglia 1 1
1 1.124391448 1.124391448 1.124391448 NA 1 0
0.992493858
DZIP1 ENSG00000134874.17 0.261031153 1 1 0.261031153
Brain_Caudate_basal_ganglia 0.261031153 Brain_Caudate_basal_ganglia 1 1
1 -1.123957271 -1.123957271 -1.123957271 NA 1 0
0.992493858
POLL ENSG00000166169.16 0.261074379 2 2 0.145798381
Brain_Cerebellar_Hemisphere 0.249080121 Brain_Cortex 1.296612258
0.703387742 0.703387742 -1.152586564 1.454533759 0.150973597
1.84351246 2 0 0.992493858
ASH1L ENSG00000116539.12 0.261215906 1 1 0.261215906
Brain_Caudate_basal_ganglia 0.261215906 Brain_Caudate_basal_ganglia 1 1
1 1.123521898 1.123521898 1.123521898 NA 1 0
0.992493858
GLB1L3 ENSG00000166105.15 0.261218594 4 4 0.034656057
Brain_Cerebellar_Hemisphere 0.520431598 Brain_Amygdala 2.114703598
0.103859925 0.103859925 -2.112354474 1.03175507 -0.589209731
1.65662091 4 0 0.992493858
WIPF1 ENSG00000115935.17 0.261226178 12 9 0.027948001
Brain_Putamen_basal_ganglia 0.924998072 Brain_Spinal_cord_cervical_c-1
6.448860504 0.016756952 0.226147034 -1.20893468 2.1980155
0.352276806 0.977926323 9 0 0.992493858
KLK10 ENSG00000129451.11 0.261463831 9 9 0.03285255 Brain_Cortex
0.979912867 Brain_Cerebellar_Hemisphere 1.51133712 0.560289554
0.560289554 -2.133880667 1.725433668 0.052608963 1.106288817
9 0 0.992493858
ANXA11 ENSG00000122359.17 0.261503812 12 3 0.04067752
Brain_Cerebellar_Hemisphere 0.62169206 Brain_Cerebellum 9.563347167
0.000641183 0.527330154 -2.046802098 -0.493453681 -0.942029824
0.492557915 3 0 0.992493858
ZBTB25 ENSG00000089775.11 0.261534942 2 2 0.108314575
Brain_Cerebellar_Hemisphere 0.329461423 Brain_Cerebellum 1.741798414
0.258201586 0.258201586 -1.605814952 -0.975199272 -1.290507112
0.445912623 2 0 0.992493858
RP11-1275H24.2 ENSG00000272953.1 0.261537419 1 1 0.261537419
Brain_Frontal_Cortex_BA9 0.261537419 Brain_Frontal_Cortex_BA9 1 1
1 1.122764752 1.122764752 1.122764752 NA 1 0
0.992493858
HDHD3 ENSG00000119431.9 0.261552807 5 5 0.063328739
Brain_Cerebellar_Hemisphere 0.756836691 Brain_Amygdala 2.278549679
0.305601394 0.305601394 -0.332033629 1.856876411 0.704789486
1.080045756 5 0 0.992493858
CYP46A1 ENSG00000036530.8 0.261649623 2 1 0.219243301
Brain_Cerebellar_Hemisphere 0.312132744 Brain_Cerebellum 1.989854147
0.010145853 1.989854147 1.01075701 1.228542726 1.119649868
0.153997757 1 0 0.992493858
GCAT ENSG00000100116.16 0.261690612 4 4 0.108422197 Brain_Amygdala
0.980974386 Brain_Hypothalamus 2.81353615 0.114334694 0.114334694
-1.605325469 0.058127326 -0.644881954 0.823212461 4 0
0.992493858
LINC01337 ENSG00000251221.1 0.261735336 1 1 0.261735336

	Brain_Cerebellum	0.261735336	Brain_Cerebellum1	1	1	-1.122298989
		-1.122298989	NA	1	0	0.992493858
EFHD1	ENSG00000115468.11	0.26174964	5	4	0.058373014	
	Brain_Cerebellar_Hemisphere	0.83076614	Brain_Cortex	2.711289885		
		0.017282334	0.384003926	-0.706254981	1.892886131	0.786494493
		1.185539608	4	0	0.992493858	
UNC5C	ENSG00000182168.14	0.261785323	2	2	0.207563991	
	Brain_Cerebellar_Hemisphere	0.329030855	Brain_Caudate_basal_ganglia			
		1.053543736	0.946456264	0.946456264	-0.976067825	1.26029215
		0.142112163	1.581345304	2	0	0.992493858
SPARCL1	ENSG00000152583.12	0.261948879	6	4	0.11224241	
	Brain_Anterior_cingulate_cortex_BA24	0.936548153	Brain_Cortex			
		4.054514712	0.058288053	0.371729854	-1.588194299	1.166889907
		-0.077817431	0.882927457	4	0	0.992493858
CTC-529P8.1	ENSG00000250072.5	0.262102236	1	1	0.262102236	
	Brain_Spinal_cord_cervical_c-1	0.262102236	Brain_Spinal_cord_cervical_c-1			
		1	1	1	-1.121436197	-1.121436197
		0.992493858	-1.121436197	-1.121436197	-1.121436197	NA
						1
						0
SH2D5	ENSG00000189410.11	0.262159815	1	1	0.262159815	
	Brain_Cerebellar_Hemisphere	0.262159815	Brain_Cerebellar_Hemisphere1	1	1	
		1	-1.121300872	-1.121300872	-1.121300872	NA
						1
						0
						0.992493858
CTD-2544H17.1	ENSG00000249621.1	0.26228804	1	1	0.26228804	
	Brain_Hypothalamus	0.26228804	Brain_Hypothalamus	1	1	1
		-1.120999582	-1.120999582	-1.120999582	NA	1
						0
						0.992493858
COL15A1	ENSG00000204291.10	0.262332564	3	3	0.151227313	
	Brain_Frontal_Cortex_BA9	0.730456127	Brain_Cerebellar_Hemisphere			
		1.092517079	0.927244443	0.927244443	-1.323099825	1.435209831
		-0.077469613	1.398411423	3	0	0.992493858
CUL9	ENSG00000112659.13	0.262483359	4	4	0.050566828	
	Brain_Frontal_Cortex_BA9	0.216498917	Brain_Cortex	2.328507733		
		0.228720015	0.228720015	-1.955137629	-1.235891446	-1.668583926
		0.314664173	4	0	0.992493858	
TP53I3	ENSG00000115129.13	0.262484856	9	3	0.147159066	
	Brain_Substantia_nigra	0.783598367	Brain_Cerebellum	8.079919737		
		4.54E-05	0.310695402	0.274632797	1.449639532	0.476969516
		0.368807832	3	0	0.992493858	
HINFP	ENSG00000172273.12	0.262653214	1	1	0.262653214	Brain_Cortex
		0.262653214	Brain_Cortex	1	1	1
		-1.120142096	NA	1	0	0.992493858
						-1.120142096
						-1.120142096
KLHL26	ENSG00000167487.11	0.262865224	2	1	0.241783331	
	Brain_Cerebellum	0.295943944	Brain_Cerebellar_Hemisphere	1.958106038		
		0.041893962	1.958106038	-1.170540985	-1.045171001	-1.107855993
		0.088649965	1	0	0.992493858	
PRAME	ENSG00000185686.17	0.262986769	2	2	0.597597453	
	Brain_Substantia_nigra	0.740382078	Brain_Hypothalamus	1.861282483		
		0.138717517	0.138717517	-0.52785864	0.331347417	-0.098255611
		0.60755043	2	0	0.992493858	
NOTUM	ENSG00000185269.11	0.262997025	2	2	0.106611614	
	Brain_Cerebellar_Hemisphere	0.781508412	Brain_Hypothalamus	1.010905577		
		0.989094423	0.989094423	-0.277353853	1.613611993	0.66812907
		1.337114773	2	0	0.992493858	
LA16c-360A4.1	ENSG00000275438.1	0.263179167	4	2	0.132984001	
	Brain_Nucleus_accumbens_basal_ganglia	0.74860528	Brain_Frontal_Cortex_BA9			
		3.538814203	0.018210279	0.358821232	0.320478957	1.502438106
		0.824713366	0.528653167	2	0	0.992493858
UIMC1	ENSG00000087206.16	0.263513294	4	4	0.137082671	
	Brain_Putamen_basal_ganglia	0.838244389	Brain_Cerebellum	2.152110987		
		0.280558049	0.280558049	-1.486743112	-0.204139626	-0.977968352
		0.566401854	4	0	0.992493858	
EPRS	ENSG00000136628.17	0.263524896	1	1	0.263524896	Brain_Cerebellum
		0.263524896	Brain_Cerebellum1	1	1	1
						-1.118098573
						-1.118098573

	-1.118098573	NA	1	0	0.992493858						
AIM2	ENSG00000163568.14	0.263541847	1	1	0.263541847						
	Brain_Putamen_basal_ganglia	0.263541847			Brain_Putamen_basal_ganglia	1	1				
	1	1.118058879	1.118058879	1.118058879	NA	1	0				
	0.992493858										
OR11H4	ENSG00000176198.2	0.263616686	1	1	0.263616686						
	Brain_Cerebellar_Hemisphere	0.263616686			Brain_Cerebellar_Hemisphere	1	1				
	1	1.117883657	1.117883657	1.117883657	NA	1	0				
	0.992493858										
GSTO2	ENSG00000065621.14	0.263716139	13	2	0.068934916						
	Brain_Caudate_basal_ganglia	0.308468845			Brain_Hippocampus	11.82377401					
	0.000194505	0.630798732	1.018440118	1.81884608	1.551030809						
	0.207283868	2	0	0.992493858							
STON1	ENSG00000243244.5	0.26372562	10	4	0.231952515						
	Brain_Caudate_basal_ganglia	0.996012434			Brain_Anterior_cingulate_cortex_BA24						
	7.437247113	0.053034565	0.324940155	-0.795251578	1.19534436						
	0.461162199	0.615450805	4	0	0.992493858						
CD63	ENSG00000135404.11	0.263932977	1	1	0.263932977						
	Brain_Substantia_nigra	0.263932977			Brain_Substantia_nigra	1	1				
	1	1.117143493	1.117143493	1.117143493	NA	1	0				
	0.992493858										
PPID	ENSG00000171497.4	0.264157217	4	4	0.14935245						
	Brain_Cerebellar_Hemisphere	0.950270148			Brain_Cerebellum	1.898477305					
	0.309751685	0.309751685	-1.176714457	1.441822513	0.05656017						
	1.074686168	4	0	0.992493858							
ZNF439	ENSG00000171291.8	0.264196789	1	1	0.264196789						
	Brain_Cortex	0.264196789			Brain_Cortex	1	1	1	1.116526604		
	1.116526604	1.116526604	NA	1	0	0.992493858					
OSBP	ENSG00000110048.11	0.264245327	1	1	0.264245327						
	Brain_Frontal_Cortex_BA9	0.264245327			Brain_Frontal_Cortex_BA9	1	1				
	1	-1.116413151	-1.116413151	-1.116413151	NA	1	0				
	0.992493858										
ZDHHC23	ENSG00000184307.14	0.264348196	1	1	0.264348196						
	Brain_Spinal_cord_cervical_c-1	0.264348196			Brain_Spinal_cord_cervical_c-1						
	1	1	1	-1.11617275	-1.11617275	-1.11617275	NA	1	0		
	0.992493858										
P2RY11	ENSG00000244165.1	0.264418324	5	3	0.094920169						
	Brain_Cortex	0.86841313	Brain_Cerebellar_Hemisphere	3.6347244	0.009005008						
	0.320488271	-1.669995931	1.115530739	0.07835644	1.041012044	3					
	0	0.992493858									
MRPS27	ENSG00000113048.16	0.264501688	9	7	0.149232172						
	Brain_Nucleus_accumbens_basal_ganglia	0.926987554			Brain_Hippocampus						
	5.573041493	0.018655594	0.208823513	-1.071384661	1.442248892						
	-0.031893561	0.750060646	7	0	0.992493858						
NAT2	ENSG00000156006.4	0.264528762	1	1	0.264528762						
	Brain_Cerebellar_Hemisphere	0.264528762			Brain_Cerebellar_Hemisphere	1	1				
	1	1.115750933	1.115750933	1.115750933	NA	1	0				
	0.992493858										
RP11-290F5.1	ENSG00000249096.6	0.264603482	4	4	0.082004403						
	Brain_Spinal_cord_cervical_c-1	0.626093522									
	Brain_Nucleus_accumbens_basal_ganglia	1.210392853			0.769810675						
	0.769810675	-0.926413402	1.739172624	-0.114874105	1.24951134	4					
	0	0.992493858									
ATP1B2	ENSG00000129244.8	0.264661216	1	1	0.264661216						
	Brain_Caudate_basal_ganglia	0.264661216			Brain_Caudate_basal_ganglia	1	1				
	1	1.115441637	1.115441637	1.115441637	NA	1	0				
	0.992493858										
KISS1	ENSG00000170498.8	0.26474143	3	3	0.054795875						
	Brain_Putamen_basal_ganglia	0.825498313			Brain_Nucleus_accumbens_basal_ganglia						
	1.208263016	0.789222607	0.789222607	0.220478759	1.920491272						
	1.002680791	0.858080925	3	0	0.992493858						
TMEM215	ENSG00000188133.5	0.264783092	6	1	0.218769839						

	Brain_Caudate_basal_ganglia	0.351396728			Brain_Cortex	5.908035413		
		3.22E-05	5.908035413	-1.22980579		-0.931883515	-1.107065783	
		0.098430145	1	0		0.992493858		
CKMT1B	ENSG00000237289.9	0.264787053			1	1	0.264787053	
	Brain_Cerebellum	0.264787053			Brain_Cerebellum	1	1	1.115147888
		1.115147888	1.115147888	NA	1	0	0.992493858	
ZSCAN2	ENSG00000182318.5	0.264792719			2	2	0.196014804	
	Brain_Cerebellar_Hemisphere	0.576908492			Brain_Anterior_cingulate_cortex_BA24			
		1.300832464	-0.699167536	0.699167536		-1.292989173	0.55790612	
		-0.367541526	1.308780613	2	0	0.992493858		
RP3-460G2.2	ENSG00000234147.1	0.264824072			7	3	0.113856553	
	Brain_Cerebellar_Hemisphere	0.692737056			Brain_Hippocampus		5.663950133	
		0.015708747	-0.288963026	-1.581093969		0.525158705	-0.885087416	
		0.721684688	3	0	0.992493858			
LINC01356	ENSG00000215866.7	0.26485077	6	5	0.165798682			
	Brain_Nucleus_accumbens_basal_ganglia	0.964317755						
	Brain_Anterior_cingulate_cortex_BA24	4.05297237	9.90E-05	0.142747715				
		-0.938063359	1.385830452	0.189404182	0.738386822	5	0	
		0.992493858						
CCDC170	ENSG00000120262.9	0.265003738			10	8	0.166684418	
	Brain_Spinal_cord_cervical_c-1	0.940040876			Brain_Frontal_Cortex_BA9			
		5.189181143	0.102899934	0.30652708	-1.382936238	0.739767897		
		-0.479044402	0.755956033	8	0	0.992493858		
ERCC4	ENSG00000175595.14	0.26519757	3	3	0.194727739			
	Brain_Spinal_cord_cervical_c-1	0.71866656			Brain_Putamen_basal_ganglia			
		1.340023491	0.65776692	0.65776692	-1.296719436	0.920611588		
		-0.005288791	1.152973764	3	0	0.992493858		
PURG	ENSG00000172733.11	0.265331665			1	1	0.265331665	
	Brain_Substantia_nigra	0.265331665			Brain_Substantia_nigra	1	1	
		1	-1.113877682	-1.113877682	-1.113877682	NA	1	0
		0.992493858						
CLCN2	ENSG00000114859.15	0.265356051			4	4	0.048781627	Brain_Cerebellum
		0.839242131			Brain_Nucleus_accumbens_basal_ganglia	2.843123298		
		0.225283316	0.225283316	0.202862979		1.970495357	0.956455836	
		0.772018305	4	0	0.992493858			
SLC38A7	ENSG00000103042.8	0.265394717			2	2	0.606600077	
	Brain_Cerebellar_Hemisphere	0.778856635			Brain_Cerebellum	1.880006388		
		0.119993612	0.119993612	-0.280809346		0.514932661	0.117061657	
		0.562674569	2	0	0.992493858			
LINC00235	ENSG00000277142.1	0.265456169			2	2	0.149300995	
	Brain_Cortex	0.761659136			Brain_Cerebellum	1.291854574	0.708145426	
		0.708145426	-0.30330277	1.442004887		0.569351058	1.234118879	
		2	0	0.992493858				
COBLL1	ENSG00000082438.15	0.265495498			5	5	0.018636067	
	Brain_Caudate_basal_ganglia	0.631631911			Brain_Cerebellum	1.7252435		
		0.353128546	0.353128546	-2.352731874		-0.479431188	-1.139593548	
		0.749856842	5	0	0.992493858			
C5orf58	ENSG00000234511.8	0.265535964			2	2	0.127872972	
	Brain_Anterior_cingulate_cortex_BA24	0.568860283			Brain_Cortex			
		1.005305058	0.994694942	0.994694942		-1.52254343	-0.56973082	
		-1.046137125	0.673740258	2	0	0.992493858		
PLXNC1	ENSG00000136040.8	0.265542035			2	2	0.138120294	
	Brain_Putamen_basal_ganglia	0.545299298			Brain_Cerebellum	1.045636857		
		0.954363143	0.954363143	0.604818954		1.482827325	1.043823139	
		0.620845673	2	0	0.992493858			
PEX11G	ENSG00000104883.7	0.265596219			10	6	0.016894555	
	Brain_Substantia_nigra	0.955748201			Brain_Cerebellar_Hemisphere			
		6.251965216	4.17E-18	0.468785191		-2.3889945	0.055489869	
		-1.249123987	0.849123756	6	0	0.992493858		
UBE2Z	ENSG00000159202.17	0.265703961			3	3	0.06043182	
	Brain_Spinal_cord_cervical_c-1	0.878560752			Brain_Cerebellar_Hemisphere			
		1.526433937	0.472562593	0.472562593		-0.152793972	1.877629848	

	1.073621087	1.079108675	3	0	0.992493858				
ANKRD33	ENSG00000167612.12	0.265770857	1	1	0.265770857				
	Brain_Cortex	0.265770857	Brain_Cortex	1	1	1	-1.112854656		
	-1.112854656	-1.112854656	NA	1	0	0.992493858			
S100A1	ENSG00000160678.11	0.265857511	4	3	0.137195582				
	Brain_Cortex	0.873949143	Brain_Substantia_nigra	2.463959503					
	0.041133046	0.502859837	-1.486315903	0.256171822	-0.59841288				
	0.933741618	3	0	0.992493858					
SPOCD1	ENSG00000134668.12	0.265920107	3	2	0.105401625				
	Brain_Putamen_basal_ganglia	0.120777982	Brain_Caudate_basal_ganglia						
	2.837720082	0.002126566	0.160153352	-1.619212149	-1.551516395				
	-1.582296123	0.034262507	2	0	0.992493858				
SUCLG1	ENSG00000163541.11	0.265946182	4	2	0.155806259				
	Brain_Frontal_Cortex_BA9	0.588676157	Brain_Cortex	3.662751954					
	0.060660311	0.187421103	-1.419318233	-0.540755444	-0.929953931				
	0.405537578	2	0	0.992493858					
CEBPZ	ENSG00000115816.14	0.266017328	7	6	0.009474281				
	Brain_Hypothalamus	0.283249562	Brain_Nucleus_accumbens_basal_ganglia						
	4.924327739	0.065085029	0.166016678	1.073048041	2.594448497				
	1.842464552	0.604144788	6	0	0.992493858				
ITGA5	ENSG00000161638.10	0.26616514	2	2	0.579743625				
	Brain_Anterior_cingulate_cortex_BA24	0.617699803	Brain_Cerebellum	1.79056039					
	0.20943961	0.20943961	-0.499112967	0.553759243	0.027323138				
	0.744493079	2	0	0.992493858					
LY6E	ENSG00000160932.10	0.26630056	3	3	0.228728136	Brain_Amygdala			
	0.385318017	Brain_Putamen_basal_ganglia	1.239866653	0.769525848					
	0.769525848	-1.203641594	1.006529848	0.22367589	1.238028423	3			
	0	0.992493858							
CCNE1	ENSG00000105173.13	0.266464906	1	1	0.266464906				
	Brain_Frontal_Cortex_BA9	0.266464906	Brain_Frontal_Cortex_BA9	1	1				
	1	1.111240352	1.111240352	1.111240352	NA	1	0		
	0.992493858								
TM2D1	ENSG00000162604.12	0.266581291	5	5	0.13245527				
	Brain_Nucleus_accumbens_basal_ganglia	0.719381654	Brain_Putamen_basal_ganglia						
	1.337544136	0.709390008	0.709390008	-1.504489908	0.540749438				
	-0.446965675	0.95442252	5	0	0.992493858				
VWA5B2	ENSG00000145198.14	0.266680508	9	2	0.191070878				
	Brain_Amygdala	0.910900828	Brain_Substantia_nigra	8.041589					
	0.002126497	0.392152682	-1.307417735	0.111902356	-0.448182724				
	0.395255513	2	0	0.992493858					
RP11-80H5.9	ENSG00000235100.3	0.266727703	6	5	0.119481551				
	Brain_Cortex	0.573474361	Brain_Caudate_basal_ganglia	4.054136001					
	0.022731782	0.149813818	-1.556953394	-0.562942027	-0.887102661				
	0.456398916	5	0	0.992493858					
GPX2	ENSG00000176153.11	0.266871956	1	1	0.266871956				
	Brain_Cerebellar_Hemisphere	0.266871956	Brain_Cerebellar_Hemisphere	1	1				
	1	-1.110294932	-1.110294932	-1.110294932	NA	1	0		
	0.992493858								
RP11-676J15.1	ENSG00000263958.1	0.266982875	6	2	0.085474743				
	Brain_Putamen_basal_ganglia	0.579338387	Brain_Anterior_cingulate_cortex_BA24						
	5.268453143	0.039698041	0.281785971	-1.71976733	-0.554351389				
	-0.989780427	0.415577948	2	0	0.992493858				
LGALS1	ENSG00000100097.11	0.267063654	2	2	0.399161414				
	Brain_Caudate_basal_ganglia	0.50816818	Brain_Anterior_cingulate_cortex_BA24						
	1.569502388	0.430497612	0.430497612	-0.661692706	0.843119858				
	0.090713576	1.064063168	2	0	0.992493858				
CHST12	ENSG00000136213.9	0.267091324	3	3	0.24644867				
	Brain_Frontal_Cortex_BA9	0.763172596	Brain_Cortex	2.228358952					
	0.299271025	0.299271025	-0.30131724	1.159018437	0.549719052				
	0.759587139	3	0	0.992493858					
TMEM221	ENSG00000188051.6	0.267117033	1	1	0.267117033				
	Brain_Cerebellar_Hemisphere	0.267117033	Brain_Cerebellar_Hemisphere	1	1				

	1	1.109726192	1.109726192	1.109726192	NA	1	0
		0.992493858					
BNIP1	ENSG00000113734.17	0.26713404	12	4	0.123917379		Brain_Cerebellum
	0.949978339	Brain_Caudate_basal_ganglia	9.875273551		0.000617367		
	0.382949386	-1.538536957	0.062733979		-0.390349594		0.430872269
	4	0	0.992493858				
RUNDC3B	ENSG00000105784.15	0.267178582	3	3	0.191858715		
	Brain_Cerebellum	0.967791447	Brain_Cerebellar_Hemisphere	1.512435597			
	0.493922399	0.493922399	-1.305100246		0.040378405		-0.834039848
	0.75802465	3	0	0.992493858			
TEAD2	ENSG00000074219.13	0.267207364	9	3	0.086248576		Brain_Cerebellum
	0.755420501	Brain_Putamen_basal_ganglia	7.706869696		0.00194651		
	0.346251382	0.311500055	1.715527402		0.899039136		0.406259281
	3	0	0.992493858				
ZNF558	ENSG00000167785.8	0.267313188	1	1	0.267313188		
	Brain_Cortex	0.267313188	Brain_Cortex	1	1	1	-1.109271241
	-1.109271241	-1.109271241	NA	1	0	0.992493858	
AK3	ENSG00000147853.16	0.267421113	4	4	0.031397019		Brain_Cortex
	0.674100825	Brain_Cerebellum	2.380179853		0.166119542		0.166119542
	-2.15200426	0.995929947	-0.470923274		1.44118056	4	0
	0.992493858						
CUX1	ENSG00000257923.9	0.267523094	2	2	0.202550181		Brain_Cerebellum
	0.622730634	Brain_Cerebellar_Hemisphere	1.35297778		0.64702222	0.64702222	
	-1.274319578	0.491984029	-0.391167775		1.248965258	2	0
	0.992493858						
C12orf65	ENSG00000130921.7	0.267592667	3	3	0.06387413		
	Brain_Caudate_basal_ganglia	0.643416593	Brain_Nucleus_accumbens_basal_ganglia				
	1.634775211	0.465979306	0.465979306		-1.853057412		-0.46292714
	-1.298516407	0.736448666	3	0	0.992493858		
TAF1C	ENSG00000103168.16	0.26761079	13	3	0.187144168		
	Brain_Caudate_basal_ganglia	0.965635671	Brain_Hypothalamus	10.69018686			
	0.00272083	0.577234457	-0.807955882		1.319074618		-0.135570649
	0.509312356	3	0	0.992493858			
FBXO9	ENSG00000112146.16	0.267612377	1	1	0.267612377		
	Brain_Cerebellar_Hemisphere	0.267612377	Brain_Cerebellar_Hemisphere	1	1		
	1	-1.108577759	-1.108577759		-1.108577759	NA	1
	0.992493858						0
CEP72	ENSG00000112877.7	0.267803997	3	3	0.253396589		Brain_Cortex
	0.614498152	Brain_Nucleus_accumbens_basal_ganglia	1.920159809				
	0.123813624	0.123813624	0.503663086		1.142138177		0.926162062
	0.365925374	3	0	0.992493858			
GALK1	ENSG00000108479.11	0.267814029	1	1	0.267814029		Brain_Cerebellum
	0.267814029	Brain_Cerebellum	1	1	1.108110657		1.108110657
	1.108110657	NA	1	0	0.992493858		
MFAP3	ENSG00000037749.11	0.267859524	1	1	0.267859524		
	Brain_Hypothalamus	0.267859524	Brain_Hypothalamus	1	1	1	
	-1.108005307	-1.108005307	-1.108005307		NA	1	0
	0.992493858						
KLHDC3	ENSG00000124702.17	0.267982878	1	1	0.267982878		
	Brain_Caudate_basal_ganglia	0.267982878	Brain_Caudate_basal_ganglia	1	1		
	1	-1.107719725	-1.107719725		-1.107719725	NA	1
	0.992493858						0
TMEM80	ENSG00000177042.14	0.267999738	13	1	0.120753913		
	Brain_Anterior_cingulate_cortex_BA24	0.453174048	Brain_Substantia_nigra				
	12.3788854	0.001107417	12.3788854		0.750133927		1.551616917
	1.081105717	0.194805644	1	0	0.992493858		
LYSMD2	ENSG00000140280.13	0.268028944	2	2	0.173273984		
	Brain_Anterior_cingulate_cortex_BA24	0.386872866	Brain_Frontal_Cortex_BA9				
	1.01263016	0.98736984	0.98736984		-1.361758907		-0.865302342
	0.351047803	2	0	0.992493858			-1.113530624
OSCP1	ENSG00000116885.18	0.268029135	10	3	0.067491969		Brain_Amygdala
	0.80636937	Brain_Hypothalamus	8.26482952		2.78E-17	0.550900781	
	-0.245112442	1.828383812	0.613134201		0.512086617	3	0

	0.992493858						
DIP2C	ENSG00000151240.16	0.268060492	3	2	0.112112574		
	Brain_Putamen_basal_ganglia	0.56208457			Brain_Cerebellar_Hemisphere	2.055007622	
	0.064057499	0.880934879			0.579747998	1.588768913	1.011962507
	0.519818155	2	0		0.992493858		
RP11-5407.18	ENSG00000273443.1	0.268094817	3	3	0.079758389		
	Brain_Cortex	0.558593576			Brain_Frontal_Cortex_BA9	1.083802805	
	0.920538497	0.920538497			-0.585582474	1.752089676	0.193858468
	1.34946785	3	0		0.992493858		
ADGRA1	ENSG00000197177.15	0.268151429	4	4	0.045529518		
	Brain_Cerebellum	0.599804008			Brain_Spinal_cord_cervical_c-1	1.555431609	
	0.60057363	0.60057363			-0.636820386	1.999729153	0.621384327
	1.079014083	4	0		0.992493858		
CHURC1	ENSG00000258289.8	0.268246515	11	1	0.207139143		
	Brain_Cortex	0.387592377			Brain_Hippocampus	10.58281843	
	0.002013018	10.58281843			-1.261471164	-0.863991833	-1.087144199
	0.106772025	1	0		0.992493858		
PLCD3	ENSG00000161714.11	0.268300357	2	2	0.142360489		Brain_Cortex
	0.427226602	Brain_Hippocampus			1.070580608	0.929419392	
	0.929419392	0.793946458			1.467057225	1.130501842	0.475961188
	2	0			0.992493858		
DMKN	ENSG00000161249.20	0.268399091	2	2	0.266875394		
	Brain_Nucleus_accumbens_basal_ganglia	0.803750084			Brain_Caudate_basal_ganglia		
	1.825234077	0.174765923			0.174765923	-1.110286951	-0.248496751
	-0.679391851	0.609377695			2	0	0.992493858
BCAM	ENSG00000187244.10	0.268459702	2	2	0.18179046		
	Brain_Cerebellar_Hemisphere	0.441667865			Brain_Frontal_Cortex_BA9	1.10901249	
	0.89098751	0.89098751			-0.76937982	1.335262461	0.282941321
	1.488206829	2	0		0.992493858		
IFIT1	ENSG00000185745.9	0.268669691	7	2	0.39720397		
	Brain_Spinal_cord_cervical_c-1	0.947111234			Brain_Hypothalamus		
	6.325630349	0.00275048			0.466246704	-0.709143384	0.846625368
	-0.16930393	0.500069931			2	0	0.992493858
PLEKHA6	ENSG00000143850.13	0.268956761	5	4	0.058180903		
	Brain_Cerebellum	0.704137612			Brain_Spinal_cord_cervical_c-1	3.135157489	
	0.034852684	0.149325921			0.379741095	1.894332401	1.374064337
	0.590332872	4	0		0.992493858		
AZIN2	ENSG00000142920.16	0.268985243	1	1	0.268985243		Brain_Cerebellum
	0.268985243	Brain_Cerebellum			1	1	-1.10540245
	-1.10540245	NA			1	0	0.992493858
CCDC71	ENSG00000177352.9	0.269002512	9	3	0.034769357		
	Brain_Cerebellar_Hemisphere	0.115072087			Brain_Frontal_Cortex_BA9		
	7.588426405	0.012511757			0.366277277	1.5757992	2.111034384
	1.800041699	0.189154403			3	0	0.992493858
EIF4E	ENSG00000151247.12	0.269087093	4	3	0.195357743		
	Brain_Frontal_Cortex_BA9	0.804482681			Brain_Cerebellar_Hemisphere		
	2.788895977	0.021866399			0.272183558	-0.374839507	1.294891264
	0.489557477	0.717624771			3	0	0.992493858
VIP	ENSG00000146469.12	0.269131299	2	2	0.105815368		
	Brain_Cerebellar_Hemisphere	0.223657419			Brain_Cerebellum	1.710012203	
	0.289987797	0.289987797			-1.617291526	-1.216860178	-1.417075852
	0.283147722	2	0		0.992493858		
DOK7	ENSG00000175920.16	0.269216104	6	6	0.126856166		
	Brain_Hippocampus	0.832840766			Brain_Cerebellar_Hemisphere	1.837916403	
	0.286201093	0.286201093			-1.417769309	1.526617446	0.195348428
	1.141581882	6	0		0.992493858		
MINDY2	ENSG00000128923.10	0.269309756	1	1	0.269309756		
	Brain_Cortex	0.269309756			Brain_Cortex	1	1
	1.104653509	1.104653509			NA	1	0
					0.992493858		
TAF1D	ENSG00000166012.16	0.269417576	1	1	0.269417576		Brain_Cerebellum
	0.269417576	Brain_Cerebellum			1	1	1.104404808
	1.104404808	NA			1	0	0.992493858

WBSCR17	ENSG00000185274.11	0.269672114	1	1	0.269672114			
	Brain_Cerebellum	0.269672114	Brain_Cerebellum	1	1	-1.103817956		
	-1.103817956	-1.103817956	NA	1	0	0.992493858		
CTD-2620I22.3	ENSG00000267943.1	0.26976923	1	1	0.26976923	Brain_Cerebellum		
	0.26976923	Brain_Cerebellum	1	1	1.10359415	1.10359415	1.10359415	NA
	1	0	0.992493858					
RRBP1	ENSG00000125844.15	0.269784407	3	3	0.113070807			
	Brain_Putamen_basal_ganglia	0.548134052	Brain_Cerebellar_Hemisphere					
	1.402585461	0.600772697	0.600772697	-1.584540349	1.261133218			
	-0.30798856	1.445220541	3	0	0.992493858			
CLCN6	ENSG00000011021.21	0.269892025	4	3	0.207401275	Brain_Cerebellum		
	0.88328444	Brain_Hippocampus	2.538809058	0.080593688	0.217257177			
	-1.260743502	-0.146806897	-0.896143623	0.515996577	3	0		
	0.992493858							
ITIH4	ENSG00000055955.15	0.269929643	13	2	0.04519631	Brain_Hippocampus		
	0.660748193	Brain_Frontal_Cortex_BA9	11.92728446	0.000843018				
	0.481559416	-2.002822819	-0.438880409	-1.412714112	0.353201647			
	2	0	0.992493858					
CDS2	ENSG00000101290.13	0.270069544	13	10	0.157477878	Brain_Amygdala		
	0.873330468	Brain_Cerebellum	4.748278117	0.00350426	0.219618449			
	-1.413605117	1.154375655	-0.173074777	0.942167751	10	0		
	0.992493858							
CLOCK	ENSG00000134852.14	0.270131945	1	1	0.270131945			
	Brain_Hypothalamus	0.270131945	Brain_Hypothalamus	1	1	1		
	-1.102758753	-1.102758753	-1.102758753	NA	1	0	0.992493858	
IGF1	ENSG00000017427.15	0.270136311	1	1	0.270136311			
	Brain_Cerebellar_Hemisphere	0.270136311	Brain_Cerebellar_Hemisphere	1	1			
	1	1.102748702	1.102748702	1.102748702	NA	1	0	
	0.992493858							
RP5-1021I20.2	ENSG00000258586.1	0.270145997	10	3	0.195731018			
	Brain_Spinal_cord_cervical_c-1	0.938207207						
	Brain_Anterior_cingulate_cortex_BA24	9.199210923	0.002260483	0.30686335				
	0.077523361	1.293810114	0.846050466	0.467272053	3	0		
	0.992493858							
KARS	ENSG00000065427.14	0.270237605	1	1	0.270237605			
	Brain_Cerebellar_Hemisphere	0.270237605	Brain_Cerebellar_Hemisphere	1	1			
	1	-1.102515542	-1.102515542	-1.102515542	NA	1	0	
	0.992493858							
RP5-1065P14.2	ENSG00000236975.1	0.270289023	2	2	0.154749945			
	Brain_Hippocampus	0.39952343	Brain_Putamen_basal_ganglia	1.052200944				
	0.947799056	0.947799056	-0.842472672	1.422952432	0.29023988			
	1.601897454	2	0	0.992493858				
HSPA4	ENSG00000170606.14	0.270414251	6	1	0.238391711			
	Brain_Cerebellar_Hemisphere	0.365729799	Brain_Putamen_basal_ganglia					
	5.861733516	0.000806856	5.861733516	-1.179016236	-0.90450101			
	-1.088451816	0.096176706	1	0	0.992493858			
SMAD6	ENSG00000137834.14	0.270453715	1	1	0.270453715	Brain_Cortex		
	0.270453715	Brain_Cortex	1	1	1	1.102018302	1.102018302	
	1.102018302	NA	1	0	0.992493858			
KDM5A	ENSG00000073614.12	0.270523727	1	1	0.270523727			
	Brain_Frontal_Cortex_BA9	0.270523727	Brain_Frontal_Cortex_BA9	1	1			
	1	-1.101857271	-1.101857271	-1.101857271	NA	1	0	
	0.992493858							
DOPEY1	ENSG00000083097.14	0.270583456	1	1	0.270583456			
	Brain_Anterior_cingulate_cortex_BA24	0.270583456						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.101719916			
	1.101719916	1.101719916	NA	1	0	0.992493858		
BLOC1S4	ENSG00000186222.4	0.270761028	1	1	0.270761028			
	Brain_Cortex	0.270761028	Brain_Cortex	1	1	1	-1.101311684	
	-1.101311684	-1.101311684	NA	1	0	0.992493858		
KCNC4	ENSG00000116396.14	0.270778895	3	3	0.101326471			
	Brain_Cerebellar_Hemisphere	0.859519596	Brain_Cortex	1.464369934				

	0.535521955	0.535521955	-1.638456646	0.907392494	-0.302683295	
	1.27757069	3	0	0.992493858		
RBM11	ENSG00000185272.13	0.270942008	2	2	0.313004359	Brain_Cerebellum
	0.43546779	Brain_Putamen_basal_ganglia	1.382922141		0.617077859	
	0.617077859	-0.779869334	1.008938023		0.114534344	1.264877812
	2	0	0.992493858			
MYT1L	ENSG00000186487.17	0.271107769	1	1	0.271107769	Brain_Cerebellum
	0.271107769	Brain_Cerebellum	1	1	1.100515065	1.100515065
	1.100515065	NA	1	0	0.992493858	
RP11-798G7.6	ENSG00000267198.1	0.2712393	4	4	0.133757513	
	Brain_Cerebellar_Hemisphere	0.542139636			Brain_Cerebellum	1.296378129
	0.726671517	-0.726671517	-0.818257987		1.499447753	0.391478214
	1.279244719	4	0	0.992493858		
ARHGFE25	ENSG00000240771.6	0.271295609	2	2	0.148528166	
	Brain_Amygdala	0.484936205			Brain_Caudate_basal_ganglia	1.016519564
	0.983480436	0.983480436	0.698385399		1.444749836	1.071567618
	0.527759355	2	0	0.992493858		
NDUFAF3	ENSG00000178057.14	0.271416918	2	2	0.106751825	
	Brain_Nucleus_accumbens_basal_ganglia	0.584782501			Brain_Amygdala	1.38502776
	0.61497224	0.61497224	-1.61296632		-0.546412381	-1.07968935
	0.754167523	2	0	0.992493858		
KLHDC4	ENSG00000104731.13	0.271561234	10	10	0.043691662	
	Brain_Putamen_basal_ganglia	0.907944736			Brain_Frontal_Cortex_BA9	
	2.041876382	-0.317974434	0.317974434		-2.017036904	1.842358688
	-0.275818705	1.048048785	10	0	0.992493858	
KHNYN	ENSG00000100441.9	0.271568226	8	8	0.10522812	Brain_Cortex
	0.734776455	Brain_Hippocampus	2.776393006		0.140883035	
	0.140883035	-1.620019351	1.539861767		-0.217284494	0.9930888
	0	0.992493858				8
AP001056.1	ENSG00000237604.1	0.27157628	3	3	0.133476276	
	Brain_Substantia_nigra	0.535082516			Brain_Spinal_cord_cervical_c-1	
	1.293022125	0.674058842	0.674058842		-0.620266242	1.500533447
	0.733707963	1.176012561	3	0	0.992493858	
ZHX1	ENSG00000165156.14	0.271602231	1	1	0.271602231	Brain_Cortex
	0.271602231	Brain_Cortex	1	1	1	-1.099380273
	-1.099380273	NA	1	0	0.992493858	
CD53	ENSG00000143119.12	0.271689622	3	3	0.425065479	Brain_Cortex
	0.997873137	Brain_Frontal_Cortex_BA9	1.921040279		0.095261657	
	0.095261657	-0.562276091	0.797664036		0.079351192	0.683205528
	3	0	0.992493858			
RP11-1029J19.4	ENSG00000258919.1	0.271766932	1	1	0.271766932	
	Brain_Amygdala	0.271766932	Brain_Amygdala	1	1	1
	1.099002599	1.099002599	NA	1	0	0.992493858
SAMD4A	ENSG0000020577.13	0.27181675	1	1	0.27181675	
	Brain_Cerebellar_Hemisphere	0.27181675	Brain_Cerebellar_Hemisphere	1	1	1
	1.098888393	1.098888393	1.098888393		NA	1
				0	0.992493858	
LINC00421	ENSG00000236834.1	0.271829852	4	4	0.271189255	
	Brain_Hippocampus	0.809827012			Brain_Anterior_cingulate_cortex_BA24	
	2.937868719	0.152764747	0.152764747		-0.240649203	1.100327957
	0.475294692	0.577630116	4	0	0.992493858	
TMEM167B	ENSG00000215717.5	0.272151149	2	2	0.119652699	
	Brain_Cerebellum	0.681168557	Brain_Cortex	1.00930206	0.99069794	0.99069794
	-0.410869051	1.556232992	0.572681971		1.390951194	2
	0.992493858				0	
MXD3	ENSG00000213347.10	0.272362181	13	7	0.094582525	
	Brain_Frontal_Cortex_BA9	0.901160041			Brain_Putamen_basal_ganglia	
	7.801498004	0.029702963	0.302075736		-1.671704913	0.907315591
	-0.224715738	0.7759832	7	0	0.992493858	
CXCL3	ENSG00000163734.4	0.272404388	1	1	0.272404388	
	Brain_Substantia_nigra	0.272404388			Brain_Substantia_nigra	1
	1	-1.097542329	-1.097542329		-1.097542329	NA
	0.992493858				1	0

ACADL	ENSG00000115361.7	0.272558078	2	2	0.150843075				
	Brain_Cerebellar_Hemisphere	0.258647749			Brain_Frontal_Cortex_BA9				
	1.300132643	0.699867357	0.699867357		-1.436559935		1.129593031		
	-0.153483452	1.814544164	2	0	0.992493858				
CCNI2	ENSG00000205089.7	0.272584173	1	1	0.272584173		Brain_Amygdala		
	0.272584173	Brain_Amygdala	1	1	1.097130902		1.097130902		
	1.097130902	NA	1	0	0.992493858				
DMGDH	ENSG00000132837.14	0.272612018	4	4	0.195118112				
	Brain_Caudate_basal_ganglia	0.744380193			Brain_Putamen_basal_ganglia				
	2.792080128	0.112788274	0.112788274		0.326058371		1.295586125		
	0.754469185	0.407523224	4	0	0.992493858				
ANKHD1	ENSG00000131503.20	0.272752198	1	1	0.272752198				
	Brain_Frontal_Cortex_BA9	0.272752198			Brain_Frontal_Cortex_BA9	1	1		
	1	1.096746558	1.096746558	1.096746558	NA	1	0		
	0.992493858								
SRXN1	ENSG00000271303.1	0.272789827	2	2	0.130142002				
	Brain_Caudate_basal_ganglia	0.507218931			Brain_Nucleus_accumbens_basal_ganglia				
	1.072878202	0.927121798	0.927121798		-1.513542153		-0.663174298		
	-1.088358225	0.601300877	2	0	0.992493858				
PIF1	ENSG00000140451.12	0.272836052	11	1	0.155116777				
	Brain_Cerebellar_Hemisphere	0.447611932			Brain_Cortex	10.53547138			
	0.000823964	10.53547138	-1.421688234		-0.75940231		-1.072646359		
	0.184312106	1	0	0.992493858					
RNU12	ENSG00000270022.3	0.272890564	2	2	0.126579976				
	Brain_Cerebellar_Hemisphere	0.687615367			Brain_Cerebellum	1.071883434			
	0.928116566	0.928116566	-1.527728438		-0.402093295		-0.964910867		
	0.795944243	2	0	0.992493858					
IP6K2	ENSG00000068745.14	0.272966632	11	8	0.029962706		Brain_Amygdala		
	0.8660229	Brain_Cerebellum	6.026243918		0.037221316		0.262798414		
	-2.170583034	1.167488669	-0.573833492		1.103889324		8	0	
	0.992493858								
SPATA25	ENSG00000149634.4	0.272976323	1	1	0.272976323				
	Brain_Hippocampus	0.272976323			Brain_Hippocampus	1	1	1	
	1.096234139	1.096234139	1.096234139		NA	1	0	0.992493858	
FCN2	ENSG00000160339.15	0.273005045	1	1	0.273005045				
	Brain_Anterior_cingulate_cortex_BA24	0.273005045							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.096168494				
	1.096168494	1.096168494	NA	1	0	0.992493858			
HLA-DRA	ENSG00000204287.13	0.273096166	4	3	0.114430838				
	Brain_Caudate_basal_ganglia	0.966230327			Brain_Frontal_Cortex_BA9				
	3.007110417	0.063427206	0.314268285		-1.578586916		0.042336652		
	-0.660553695	0.682635279	3	0	0.992493858				
KIAA0319	ENSG00000137261.13	0.273131408	3	3	0.058575713				
	Brain_Cortex	0.616409477			Brain_Nucleus_accumbens_basal_ganglia				
	1.496276102	0.518608887	0.518608887		0.500945503		1.891364431		
	1.018278141	0.760418763	3	0	0.992493858				
MLXIPL	ENSG00000009950.15	0.273206118	4	4	0.111587366				
	Brain_Nucleus_accumbens_basal_ganglia	0.8259291			Brain_Cerebellum	1.267119692			
	0.791798175	0.791798175	-1.586282227		1.591098697		-0.159679775		
	1.313228657	4	0	0.992493858					
DOCK2	ENSG00000134516.15	0.273264331	2	2	0.113100338				
	Brain_Spinal_cord_cervical_c-1	0.822805115			Brain_Hypothalamus				
	1.041725235	0.958274765	0.958274765		-1.584410484		-0.223938555		
	-0.904174519	0.961998927	2	0	0.992493858				
KIAA1109	ENSG00000138688.15	0.273327066	5	4	0.063578513				
	Brain_Nucleus_accumbens_basal_ganglia	0.424287933			Brain_Caudate_basal_ganglia				
	3.896449065	0.055276469	0.185196385		-1.855124059		-0.799004276		
	-1.275933514	0.437170369	4	0	0.992493858				
CCDC190	ENSG00000185860.13	0.273380862	9	4	0.053279103				
	Brain_Nucleus_accumbens_basal_ganglia	0.919441297			Brain_Substantia_nigra				
	6.599655664	0.010005537	0.302259467		-1.932651833		-0.101137516		
	-1.404420718	0.569455675	4	0	0.992493858				

RABAC1	ENSG00000105404.10	0.273497736	3	2	0.59081022	Brain_Cortex
	0.792674108	Brain_Nucleus_accumbens_basal_ganglia			2.777775825	
	0.020932874	0.201291301	-0.452787194	0.537662288	-0.059321547	
	0.525654148	2	0	0.992493858		
SLC14A1	ENSG00000141469.16	0.273635814	4	4	0.133384441	
	Brain_Cerebellum	0.573218931	Brain_Nucleus_accumbens_basal_ganglia			
	1.952350282	0.454322238	0.454322238	-1.500888355	0.92683626	
	-0.196436354	1.136560576	4	0	0.992493858	
YARS	ENSG00000134684.10	0.273649469	1	1	0.273649469	Brain_Cortex
	0.273649469	Brain_Cortex	1	1	1.094696851	1.094696851
	1.094696851	NA	1	0	0.992493858	
AAMDC	ENSG00000087884.14	0.273687903	4	4	0.03203148	Brain_Amygdala
	0.800578423	Brain_Hypothalamus	1.8306117	0.405384365	0.405384365	
	-2.144017558	-0.252598586	-1.298650413	0.826478891	4	0
	0.992493858					
UHRF2	ENSG00000147854.16	0.2737733	1	1	0.2737733	Brain_Cerebellum
	Brain_Cerebellum	1	1	1.094414333	1.094414333	1.094414333
	NA	1	0	0.992493858		
AP1M2	ENSG00000129354.11	0.273808158	2	2	0.154299178	
	Brain_Frontal_Cortex_BA9	0.915439968	Brain_Cortex	1.406126322		
	0.593873678	0.593873678	-1.424509012	0.106179459	-0.659164776	
	1.082360198	2	0	0.992493858		
ZFAT	ENSG00000066827.15	0.273850941	2	2	0.107517079	Brain_Cortex
	0.33524783	Brain_Frontal_Cortex_BA9	1.598557415	0.401442585		
	0.401442585	-1.609454121	-0.963597362	-1.286525741	0.456689693	
	2	0	0.992493858			
RASGRP3	ENSG00000152689.17	0.273880653	7	6	0.25298885	Brain_Cortex
	0.743823268	Brain_Spinal_cord_cervical_c-1		4.426303465	0.069002335	
	0.219714061	-1.143119811	0.751798204	-0.393223525	0.748676823	
	6	0	0.992493858			
TFAP2B	ENSG00000008196.12	0.274103643	1	1	0.274103643	
	Brain_Cerebellum	0.274103643	Brain_Cerebellum	1	1	-1.093661095
	-1.093661095	-1.093661095	NA	1	0	0.992493858
LINC01197	ENSG00000248441.6	0.274186056	5	5	0.085695228	
	Brain_Frontal_Cortex_BA9	0.417705468	Brain_Cortex	1.804319655		
	0.210211533	0.210211533	-1.19443411	1.718556116	-0.134890946	
	1.322752986	5	0	0.992493858		
C21orf59	ENSG00000159079.18	0.274249961	2	2	0.117791689	
	Brain_Frontal_Cortex_BA9	0.205434779	Brain_Caudate_basal_ganglia			
	1.621470799	0.378529201	0.378529201	-1.564110208	-1.266218742	
	-1.415164475	0.210641076	2	0	0.992493858	
RP11-475B2.1	ENSG00000261672.1	0.274312194	2	2	0.223282707	
	Brain_Cerebellum	0.479059583	Brain_Cerebellar_Hemisphere	1.919771976		
	0.080228024	0.080228024	-1.217845454	-0.707815913	-0.962830684	
	0.360645347	2	0	0.992493858		
ZNF17	ENSG00000186272.12	0.274340987	11	2	0.022142048	
	Brain_Anterior_cingulate_cortex_BA24	0.345086864	Brain_Cortex			
	9.353176115	0.001418119	0.60345954	0.944162013	2.287922264	
	1.457751149	0.369268923	2	0	0.992493858	
CD72	ENSG00000137101.12	0.27434236	5	5	0.037242624	
	Brain_Frontal_Cortex_BA9	0.989139227	Brain_Cerebellum	2.559286141		
	0.168870321	0.168870321	-0.013612381	2.083094353	0.980845741	
	0.866657786	5	0	0.992493858		
GOLM1	ENSG00000135052.16	0.274432551	4	4	0.038998834	
	Brain_Hippocampus	0.848024429	Brain_Cerebellum	1.812325249		
	0.230231123	0.230231123	0.191639717	2.064199192	1.289892961	
	0.912223856	4	0	0.992493858		
GATS	ENSG00000239521.7	0.274447263	6	5	0.108044779	Brain_Amygdala
	0.806729923	Brain_Cortex	3.3584374	0.091206709	0.208918141	
	-0.821487441	1.607043713	0.617067412	0.867996543	5	0
	0.992493858					
C5orf22	ENSG00000082213.17	0.274655747	1	1	0.274655747	

Brain_Cerebellar_Hemisphere	0.274655747	Brain_Cerebellar_Hemisphere	1	1		
1	-1.092403587	-1.092403587	-1.092403587	NA	1	0
	0.992493858					
SRGAP1	ENSG00000196935.8	0.274704152	2	2	0.192374814	
Brain_Spinal_cord_cervical_c-1	0.376678901					
Brain_Anterior_cingulate_cortex_BA24	1.042757296				0.957242704	
0.957242704	0.884032071	1.303585889	1.09380898	0.29666935	2	0
	0.992493858					
ZRANB3	ENSG00000121988.17	0.274825056	3	3	0.153461673	
Brain_Hippocampus	0.39416765	Brain_Frontal_Cortex_BA9	1.865243753			
0.134230845	0.134230845	-1.427410266	1.013838257	-0.421885229		
1.276215741	3	0	0.992493858			
C20orf96	ENSG00000196476.11	0.274857542	2	2	0.34488901	Brain_Cerebellum
0.531977882	Brain_Cerebellar_Hemisphere	1.516845675	0.483154325			
0.483154325	-0.944549322	0.624989603	-0.159779859	1.109831617		
2	0	0.992493858				
LATS1	ENSG00000131023.12	0.275059396	4	3	0.070996272	
Brain_Spinal_cord_cervical_c-1	0.107692945	Brain_Cerebellum	3.491386269			
0.026746529	0.150192633	-1.8055013	-1.608649768	-1.730379126		
0.086708845	3	0	0.992493858			
TLL2	ENSG00000095587.8	0.275089294	3	3	0.185916015	
Brain_Frontal_Cortex_BA9	0.690467696	Brain_Cerebellar_Hemisphere				
1.119056897	0.874214691	0.874214691	0.398220446	1.322757558		
1.007512737	0.527769034	3	0	0.992493858		
PQLC1	ENSG00000122490.18	0.275159225	8	8	0.093999068	Brain_Cortex
0.972868355	Brain_Spinal_cord_cervical_c-1	3.730809873	0.176965878			
0.176965878	-0.207920839	1.674669635	0.487965919	0.696328851		
8	0	0.992493858				
CEP89	ENSG00000121289.17	0.27519849	12	5	0.133817416	
Brain_Cerebellar_Hemisphere	0.961548573	Brain_Hypothalamus	8.21279069			
0.004441615	0.333670498	-1.072672853	1.49921673	0.319326437		
0.782084443	5	0	0.992493858			
USP53	ENSG00000145390.11	0.275245878	3	3	0.054782375	Brain_Cortex
0.597140577	Brain_Anterior_cingulate_cortex_BA24	2.091566292				
0.279234415	0.279234415	-1.920598254	-0.528516962	-1.120301536		
0.719083143	3	0	0.992493858			
RP11-47I22.2	ENSG00000250548.6	0.275252342	2	2	0.384376973	
Brain_Cerebellar_Hemisphere	0.958939033	Brain_Cerebellum	1.822887401			
0.177112599	0.177112599	-0.869859898	0.051485027	-0.409187435		
0.651489244	2	0	0.992493858			
GSAP	ENSG00000186088.15	0.275448424	11	7	0.06323694	
Brain_Putamen_basal_ganglia	0.999243274	Brain_Nucleus_accumbens_basal_ganglia				
7.248147228	0.024524172	0.272176651	-1.857521888	0.260072722		
-0.701923736	0.682928637	7	0	0.992493858		
PCGF3	ENSG00000185619.18	0.275460099	12	3	0.034482614	
Brain_Anterior_cingulate_cortex_BA24	0.770192606					
Brain_Nucleus_accumbens_basal_ganglia	9.876754029	0.011098661				
0.647390412	0.292122968	2.114382466	1.276846906	0.50243476	3	
0	0.992493858					
TSPAN33	ENSG00000158457.5	0.27550311	2	2	0.146668929	Brain_Cerebellum
0.674018465	Brain_Cerebellar_Hemisphere	1.649601101	0.350398899			
0.350398899	-1.451398494	-0.420639336	-0.936018915	0.72885679	2	
0	0.992493858					
SURF4	ENSG00000148248.13	0.275544777	1	1	0.275544777	Brain_Amygdala
0.275544777	Brain_Amygdala	1	1	1	-1.090382297	-1.090382297
-1.090382297	NA	1	0	0.992493858		
CSMD3	ENSG00000164796.17	0.275587505	4	4	0.028956338	
Brain_Caudate_basal_ganglia	0.84103017	Brain_Spinal_cord_cervical_c-1				
1.819235431	0.387198342	0.387198342	-2.184080439	-0.200575943		
-0.974626531	0.847949613	4	0	0.992493858		
ABHD3	ENSG00000158201.9	0.275589168	1	1	0.275589168	
Brain_Spinal_cord_cervical_c-1	0.275589168	Brain_Spinal_cord_cervical_c-1				

1	1	1	-1.090281487	-1.090281487	-1.090281487	NA	1	0
0.992493858								
WDR45B	ENSG00000141580.15	0.275599492	6	5	0.035045509			
Brain_Hippocampus	0.421369656	Brain_Putamen_basal_ganglia	3.962281535					
0.115634124	0.200326617	-2.107832172	-0.804047304	-1.721051064				
0.462221939	5	0	0.992493858					
SELENON	ENSG00000162430.16	0.275693564	3	3	0.066838175			
Brain_Cerebellar_Hemisphere	0.684747227	Brain_Amygdala	1.341002378					
0.782028642	-0.782028642	0.405993703	1.83276064	0.927235948				
0.787191668	3	0	0.992493858					
CCKBR	ENSG00000110148.9	0.275706289	3	3	0.107113854			
Brain_Frontal_Cortex_BA9	0.595363647	Brain_Hippocampus	1.067259184					
0.923544864	0.923544864	-1.611302282	-0.531079561	-1.050425404				
0.541307585	3	0	0.992493858					
OSBPL3	ENSG00000070882.12	0.275750599	3	3	0.057162101			
Brain_Cortex	0.866730804	Brain_Caudate_basal_ganglia	1.26659578					
0.673556049	0.673556049	-1.902069255	-0.16781248	-0.976913243				
0.872933706	3	0	0.992493858					
RP11-326C3.15	ENSG00000270972.1	0.275858876	8	8	0.024588523			
Brain_Putamen_basal_ganglia	0.866811186	Brain_Amygdala	1.733383458					
0.297426553	0.297426553	-1.717509944	2.247806637	-0.329604658				
1.23774101	8	0	0.992493858					
TULP4	ENSG00000130338.12	0.275869505	3	2	0.103717872	Brain_Cerebellum		
0.424499934	Brain_Hypothalamus	2.227384993	0.030398001					
0.742217006	-0.798638712	1.627090531	0.789316442	1.375906724				
2	0	0.992493858						
TMEM141	ENSG00000244187.7	0.275903096	3	3	0.079875933			
Brain_Nucleus_accumbens_basal_ganglia	0.760783782	Brain_Substantia_nigra						
1.464439766	0.536582085	0.536582085	-1.751406392	0.304451704				
-1.005090303	1.137785438	3	0	0.992493858				
ARHGDIB	ENSG00000111348.8	0.275912619	3	3	0.108960799			
Brain_Substantia_nigra	0.740729375	Brain_Cortex	1.208015539					
0.845653397	0.845653397	-0.330887618	1.602881592	0.769947847				
0.994331101	3	0	0.992493858					
TRIO	ENSG00000038382.18	0.27593977	3	3	0.052357144			
Brain_Frontal_Cortex_BA9	0.944149878	Brain_Substantia_nigra						
1.103734425	0.940334872	0.940334872	0.070055007	1.940185551				
0.726177371	1.05250867	3	0	0.992493858				
BRK1	ENSG00000254999.3	0.275984579	1	1	0.275984579			
Brain_Caudate_basal_ganglia	0.275984579	Brain_Caudate_basal_ganglia	1	1				
1	1.089384012	1.089384012	1.089384012	NA	1	0		
0.992493858								
TMEM214	ENSG00000119777.18	0.276131457	1	1	0.276131457			
Brain_Nucleus_accumbens_basal_ganglia	0.276131457							
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.089050862				
-1.089050862	-1.089050862	NA	1	0	0.992493858			
IMPAD1	ENSG00000104331.8	0.276271592	3	3	0.058185123			
Brain_Cerebellum	0.975477116	Brain_Cerebellar_Hemisphere	1.211989677					
0.731671091	0.731671091	-1.894300587	0.568809537	-0.452076922				
1.284473297	3	0	0.992493858					
ZDHHC21	ENSG00000175893.11	0.276272433	5	4	0.025463143			
Brain_Cerebellum	0.731863562	Brain_Hypothalamus	3.623943383					
0.028351882	0.132679926	-2.234303	-0.342647634	-1.615388743				
0.732950638	4	0	0.992493858					
RTN4RL2	ENSG00000186907.7	0.276476596	2	2	0.121793792			
Brain_Cerebellar_Hemisphere	0.365092886	Brain_Cerebellum	1.76162578	0.23837422				
0.23837422	0.905703356	1.54728809	1.226495723	0.453668916	2	0		
0.992493858								
NPPA	ENSG00000175206.10	0.276520428	1	1	0.276520428	Brain_Amygdala		
0.276520428	Brain_Amygdala	1	1	1	-1.08816918	-1.08816918		
-1.08816918	NA	1	0	0.992493858				
CORO2B	ENSG00000103647.12	0.276587819	1	1	0.276587819			

	Brain_Caudate_basal_ganglia	0.276587819			Brain_Caudate_basal_ganglia	1	1	
1	1.08801651	1.08801651	1.08801651	NA	1	0	0.992493858	
VSIG2	ENSG00000019102.11	0.276588797	3	3	0.089932301			
	Brain_Nucleus_accumbens_basal_ganglia	0.835167591			Brain_Frontal_Cortex_BA9			
1.022389272	0.967535657	0.967535657			-1.695754931	0.960145837		
-0.314562567	1.331148507	3	0	0.992493858				
NET1	ENSG00000173848.18	0.276643135	2	1	0.272067422			
	Brain_Cerebellar_Hemisphere	0.296355406			Brain_Cerebellum	1.939452799		
0.060547201	1.939452799	1.044280988			1.098313952	1.07129747		
0.038207075	1	0	0.992493858					
CERCAM	ENSG00000167123.18	0.276650577	4	3	0.159517918			
	Brain_Cerebellum	0.683595435			Brain_Cortex	2.410925602	0.000220547	
0.322572668	-1.146751068	1.406694767			0.31210326	1.29347128	3	0
0.992493858								
C9orf43	ENSG00000157653.11	0.276733898	2	2	0.23258194			
	Brain_Spinal_cord_cervical_c-1	0.301394001			Brain_Hypothalamus			
1.030018323	0.969981677	0.969981677			-1.033448625	1.193734245		
0.08014281	1.57485611	2	0	0.992493858				
STXBP5	ENSG00000164506.14	0.276892236	1	1	0.276892236			
	Brain_Cortex	0.276892236			Brain_Cortex	1	1	-1.08732719
-1.08732719	-1.08732719	NA	1	0	0.992493858			
LINC01224	ENSG00000269416.5	0.276929014	12	1	0.209819469			
	Brain_Hippocampus	0.559705489			Brain_Substantia_nigra	11.44166425		
0.001885692	11.44166425	-1.254062004			-0.583279012	-1.058508471		
0.182527822	1	0	0.992493858					
CLEC4M	ENSG00000104938.16	0.276933988	5	5	0.022950241			
	Brain_Cerebellar_Hemisphere	0.916967262			Brain_Cerebellum	1.282984443		
0.662827682	0.662827682	-2.274261964			0.402465761	-0.738333434		
1.016198044	5	0	0.992493858					
UPP2	ENSG00000007001.12	0.276953143	3	3	0.096631278			
	Brain_Putamen_basal_ganglia	0.982193072			Brain_Hypothalamus	1.416866172		
0.571419721	0.571419721	0.022319527			1.661409267	1.051783173		
0.896577643	3	0	0.992493858					
HSD17B1	ENSG00000108786.10	0.27701154	8	3	0.051271282			
	Brain_Substantia_nigra	0.320999821			Brain_Amygdala	6.704396861		
0.000626012	0.426608663	-1.949202203			-0.992405368	-1.240897117		
0.329968122	3	0	0.992493858					
RUBCN	ENSG00000145016.15	0.277210474	1	1	0.277210474			
	Brain_Cerebellum	1	1	1	-1.086607128	-1.086607128		
0.277210474	NA	1	0	0.992493858				
-1.086607128								
RTP1	ENSG00000175077.5	0.27725899	2	2	0.120690698			
	Brain_Putamen_basal_ganglia	1.144352564			Brain_Cortex	0.855647436		
0.866265879	Brain_Putamen_basal_ganglia	1.144352564			0.855647436			
0.855647436	-1.551881009	0.16840347	-0.69173877		1.21642482	2	0	
0.992493858								
ZNF473	ENSG00000142528.15	0.277305295	2	2	0.123098096			
	Brain_Nucleus_accumbens_basal_ganglia	0.713059485			Brain_Cortex			
1.042313385	0.957686615	0.957686615			0.367750227	1.541899177		
0.954824702	0.830248684	2	0	0.992493858				
COPB2	ENSG00000184432.9	0.277413154	3	3	0.098206655			
	Brain_Hippocampus	0.513681202			Brain_Cerebellum	1.04538949	0.951306996	
0.951306996	-1.653610614	0.790613367			-0.069960263	1.373203436		
3	0	0.992493858						
GPR62	ENSG00000180929.5	0.27742019	2	2	0.197291113			
	Brain_Caudate_basal_ganglia	0.38786518			Brain_Substantia_nigra	1.065367063		
0.934632937	0.934632937	-0.863495341			1.289307765	0.212906212		
1.522261675	2	0	0.992493858					
VAV3	ENSG00000134215.15	0.277505513	4	4	0.024297669			
	Brain_Nucleus_accumbens_basal_ganglia	0.878038511			Brain_Cortex			
2.058238962	0.1836516	0.1836516	-2.252389491		-0.153456222			
-1.137323028	1.033424807	4	0	0.992493858				
G2E3	ENSG00000092140.14	0.277591593	1	1	0.277591593			
	Brain_Cortex	1	1	1	1.085745525	1.085745525		
0.277591593								

	1.085745525	NA	1	0	0.992493858				
RP11-352G9.1	ENSG00000273009.1				0.277642203	3	3	0.080561979	
	Brain_Cerebellum	0.227717446			Brain_Cerebellar_Hemisphere			2.161829638	
	0.136329833	0.136329833			1.206259506			1.747434606	1.545430644
	0.295514379	3	0	0.992493858					
RPL34-AS1	ENSG00000234492.4				0.277669731	2	2	0.172449682	
	Brain_Cerebellum	0.425834507			Brain_Cerebellar_Hemisphere			1.877730133	
	0.122269867	0.122269867			-1.364374649			-0.796339888	-1.080357268
	0.401661232	2	0	0.992493858					
CGB2	ENSG00000104818.14				0.277762535	3	3	0.062910306	
	Brain_Nucleus_accumbens_basal_ganglia	0.731463185			Brain_Caudate_basal_ganglia				
	1.142458214	0.826772648			0.826772648			-0.665141742	1.859824882
	0.512620987	1.270982629			3	0	0.992493858		
CTB-3204.4	ENSG00000276631.1				0.277800326	1	1	0.277800326	
	Brain_Substantia_nigra	0.277800326			Brain_Substantia_nigra			1	1
	1	-1.085273981			-1.085273981			NA	1
	0.992493858							0	
AC138969.4	ENSG00000183889.12				0.277804065	1	1	0.277804065	
	Brain_Hippocampus	0.277804065			Brain_Hippocampus			1	1
	-1.085265536	-1.085265536			-1.085265536			NA	1
								0	0.992493858
LINC01990	ENSG00000273125.1				0.277892281	4	4	0.102772349	
	Brain_Nucleus_accumbens_basal_ganglia	0.809022875			Brain_Caudate_basal_ganglia				
	1.276689136	0.760105647			0.760105647			-0.241686779	1.631559341
	0.831735027	0.842956939			4	0	0.992493858		
DLEU7	ENSG00000186047.9				0.27800486	4	4	0.127556703	Brain_Cortex
	0.850520231	Brain_Hypothalamus			1.897483795			0.266309647	
	0.266309647	-1.523807911			-0.18845469			-0.906823014	0.705823336
	4	0			0.992493858				
POLR2L	ENSG00000177700.5				0.278086369	2	1	0.208561749	
	Brain_Nucleus_accumbens_basal_ganglia	0.378726468			Brain_Hippocampus				
	1.94237179	0.05762821			1.94237179			0.880245244	1.257530093
	0.266780675	1	0	0.992493858					1.068887669
LINC01703	ENSG00000225518.2				0.278214771	1	1	0.278214771	
	Brain_Cerebellar_Hemisphere	0.278214771			Brain_Cerebellar_Hemisphere			1	1
	1	-1.084338433			-1.084338433			NA	1
	0.992493858							0	
SERPINI2	ENSG00000114204.14				0.278453019	5	4	0.250730098	
	Brain_Cerebellum	0.894074281			Brain_Caudate_basal_ganglia			3.085542308	
	0.060231275	0.171230414			-0.443208867			1.148577843	0.445450978
	0.65109065	4	0	0.992493858					
RHOU	ENSG00000116574.5				0.278459401	1	1	0.278459401	
	Brain_Putamen_basal_ganglia	0.278459401			Brain_Putamen_basal_ganglia			1	1
	1	1.08378666			1.08378666			NA	1
								0	0.992493858
SAP30BP	ENSG00000161526.14				0.278459878	1	1	0.278459878	
	Brain_Hippocampus	0.278459878			Brain_Hippocampus			1	1
	1.083785585	1.083785585			1.083785585			NA	1
								0	0.992493858
SERTAD4	ENSG00000082497.11				0.278485258	1	1	0.278485258	
	Brain_Spinal_cord_cervical_c-1	0.278485258			Brain_Spinal_cord_cervical_c-1				
	1	1			1.083728358			1.083728358	NA
								1	0
	0.992493858								
SH3BGRL3	ENSG00000142669.14				0.278597063	1	1	0.278597063	
	Brain_Cerebellum	0.278597063			Brain_Cerebellum			1	1
	-1.083476305	-1.083476305			NA	1	0	0.992493858	
PTPMT1	ENSG00000110536.13				0.278600406	2	2	0.216951877	
	Brain_Nucleus_accumbens_basal_ganglia	0.345736536			Brain_Caudate_basal_ganglia				
	1.057561199	0.942438801			0.942438801			-1.234673943	0.94289124
	-0.145891351	1.539771108			2	0	0.992493858		
C17orf80	ENSG00000141219.15				0.278602981	2	2	0.11336142	
	Brain_Hypothalamus	0.164459463			Brain_Cerebellar_Hemisphere			1.792654475	
	0.207345525	0.207345525			1.390228627			1.583263494	1.48674606
	0.136496264	2	0	0.992493858					
PLCB3	ENSG00000149782.11				0.278694567	1	1	0.278694567	

	Brain_Frontal_Cortex_BA9	0.278694567		Brain_Frontal_Cortex_BA9	1	1
	1	-1.083256547	-1.083256547	-1.083256547	NA	1 0
	0.992493858					
RNF31	ENSG00000092098.16	0.278954829	2	2	0.278506384	
	Brain_Nucleus_accumbens_basal_ganglia	0.384686457		Brain_Cerebellar_Hemisphere		
	1.247707892	0.752292108	0.752292108	-0.869293794	1.083680726	
	0.107193466	1.380961527	2	0	0.992493858	
GMEB1	ENSG00000162419.12	0.279007903	1	1	0.279007903	
	Brain_Spinal_cord_cervical_c-1	0.279007903		Brain_Spinal_cord_cervical_c-1		
	1	1	1.082550694	1.082550694	1.082550694	NA 1 0
	0.992493858					
THAP8	ENSG00000161277.10	0.279025408	3	3	0.181238419	
	Brain_Hippocampus	0.958299936		Brain_Substantia_nigra	2.435947284	
	0.165547609	0.165547609	-1.336951652	0.145555142	-0.379703138	
	0.830312152	3	0	0.992493858		
THNSL2	ENSG00000144115.16	0.279097963	13	1	0.211852687	
	Brain_Cerebellar_Hemisphere	0.433877854		Brain_Putamen_basal_ganglia		
	12.68227632	0.000556669	12.68227632	0.782573082	1.248487215	
	1.068348686	0.150174829	1	0	0.992493858	
YWHAE	ENSG00000108953.16	0.279181977	2	2	0.142794109	Brain_Cortex
	0.282229989	Brain_Frontal_Cortex_BA9	1.323233989	0.676766011		
	0.676766011	-1.465464949	-1.075323343	-1.270394146	0.275871775	
	2	0	0.992493858			
MANSC1	ENSG00000111261.13	0.279252891	1	1	0.279252891	
	Brain_Amygdala	0.279252891	Brain_Amygdala	1	1	1.081999183
	1.081999183	1.081999183	NA	1	0	0.992493858
INPP5B	ENSG00000204084.12	0.279412824	12	5	0.022690416	
	Brain_Putamen_basal_ganglia	0.745802787		Brain_Cerebellum	8.669328572	
	0.000667026	0.333540489	-2.278607362	-0.324178647	-1.158535864	
	0.600646548	5	0	0.992493858		
ZNF343	ENSG00000088876.11	0.279436143	1	1	0.279436143	
	Brain_Cerebellar_Hemisphere	0.279436143		Brain_Cerebellar_Hemisphere	1	1
	1	-1.081586866	-1.081586866	-1.081586866	NA	1 0
	0.992493858					
RP11-245J9.5	ENSG00000271843.1	0.279438	2	2	0.183914641	
	Brain_Cortex	0.376924363	Brain_Cerebellum	1.001503647	0.998496353	
	0.998496353	-1.328797942	-0.883577437	-1.106187689	0.314818438	
	2	0	0.992493858			
RP11-433J8.1	ENSG00000258702.1	0.279621225	9	9	0.024181392	
	Brain_Hippocampus	0.931227138	Brain_Amygdala	2.439230851		
	0.233217206	0.233217206	-2.254234941	1.356353045	-0.555338121	
	1.03147776	9	0	0.992493858		
TTL10	ENSG00000162571.13	0.279679746	1	1	0.279679746	
	Brain_Putamen_basal_ganglia	0.279679746		Brain_Putamen_basal_ganglia	1	1
	1	-1.081039044	-1.081039044	-1.081039044	NA	1 0
	0.992493858					
GRB7	ENSG00000141738.13	0.27968691	2	2	0.139828932	
	Brain_Spinal_cord_cervical_c-1	0.427096946		Brain_Hypothalamus		
	1.130345905	0.869654095	0.869654095	-0.794169184	1.476428367	
	0.341129592	1.605554925	2	0	0.992493858	
NCAPG	ENSG00000109805.9	0.279830548	1	1	0.279830548	
	Brain_Nucleus_accumbens_basal_ganglia	0.279830548				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.08070008	1.08070008
	1.08070008	NA	1	0	0.992493858	
CHML	ENSG00000203668.2	0.279873467	3	3	0.062025379	
	Brain_Nucleus_accumbens_basal_ganglia	0.741774746		Brain_Cortex		
	1.343999004	0.648852198	0.648852198	-0.329504033	1.866114279	
	0.890326713	1.117968134	3	0	0.992493858	
DNAJC6	ENSG00000116675.15	0.280026593	3	3	0.132678391	
	Brain_Caudate_basal_ganglia	0.796342304		Brain_Cortex	1.298085312	
	0.770098611	0.770098611	-1.503623289	1.117328442	-0.042737046	
	1.336120069	3	0	0.992493858		

WWC2	ENSG00000151718.15	0.280139614	1	1	0.280139614	Brain_Cortex
	0.280139614	Brain_Cortex	1	1	-1.080005762	-1.080005762
	-1.080005762	NA	1	0	0.992493858	
TMCO3	ENSG00000150403.17	0.280238101	11	4	0.131061923	
	Brain_Frontal_Cortex_BA9	0.805233085			Brain_Cerebellum	8.617246083
	0.009033336	0.376540646			-0.433681307	1.509927508
	0.581072104	4	0	0.992493858		0.915160415
SAT2	ENSG00000141504.11	0.280275613	8	2	0.44761733	Brain_Cortex
	0.738791669	Brain_Putamen_basal_ganglia	7.37892256	0.002003255		
	0.327734312	-0.333453918	0.759393285		0.520955734	0.360631746
	2	0	0.992493858			
SCN4A	ENSG00000007314.12	0.280283044	1	1	0.280283044	
	Brain_Anterior_cingulate_cortex_BA24	0.280283044				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.079683725	
	1.079683725	1.079683725	NA	1	0	0.992493858
TICAM2	ENSG00000243414.5	0.280365083	2	2	0.155887029	
	Brain_Caudate_basal_ganglia	0.31925771	Brain_Nucleus_accumbens_basal_ganglia			
	1.912112788	0.087887212	0.087887212		-1.419041116	-0.995984431
	-1.207512773	0.299146251	2	0	0.992493858	
SOCS1	ENSG00000185338.4	0.280370935	1	1	0.280370935	
	Brain_Caudate_basal_ganglia	0.280370935	Brain_Caudate_basal_ganglia	1	1	
	1	-1.079486441	-1.079486441	-1.079486441	NA	1
	0.992493858				0	
OR51E2	ENSG00000167332.7	0.28041652	2	2	0.113417526	Brain_Cortex
	0.190870167	Brain_Frontal_Cortex_BA9	1.88326149	0.11673851	0.11673851	
	-1.58301728	-1.308009265	-1.445513273		0.194460033	2
	0.992493858				0	
ZNF880	ENSG00000221923.8	0.280483709	13	1	0.191997094	
	Brain_Cerebellum	0.508266196	Brain_Cortex	12.6264254	8.69E-06	12.6264254
	0.661539805	1.304693916	1.061810577		0.225481007	1
	0.992493858				0	
KANK1	ENSG00000107104.18	0.280527805	3	3	0.145631127	
	Brain_Caudate_basal_ganglia	0.906593295	Brain_Cerebellum	1.888447789		
	0.115104107	0.115104107	-0.117336636		1.455137762	0.628579837
	0.789332766	3	0	0.992493858		
PAIP2B	ENSG00000124374.8	0.280707326	3	3	0.089055729	
	Brain_Caudate_basal_ganglia	0.98114205	Brain_Putamen_basal_ganglia	2.151382629		
	0.222717824	0.222717824	-1.700399909		-0.023637136	-0.601932227
	0.95174471	3	0	0.992493858		
UBL7	ENSG00000138629.15	0.280710457	1	1	0.280710457	Brain_Cerebellum
	0.280710457	Brain_Cerebellum	1	1	1.078724732	1.078724732
	1.078724732	NA	1	0	0.992493858	
MSRB3	ENSG00000174099.10	0.280783896	3	3	0.158690513	Brain_Amygdala
	0.5076848	Brain_Caudate_basal_ganglia	1.064486902		0.932093621	
	0.932093621	-1.237466601	1.409489374		-0.163474737	1.392237035
	3	0	0.992493858			
LRRIQ3	ENSG00000162620.15	0.280802814	11	1	0.164105791	
	Brain_Anterior_cingulate_cortex_BA24	0.579820119				
	Brain_Nucleus_accumbens_basal_ganglia	10.68069527			0.001120855	
	10.68069527	0.553647489	1.391394632		1.062081588	0.269127502
	1	0	0.992493858			
KPNA5	ENSG00000196911.10	0.280933584	2	1	0.240843814	Brain_Cerebellum
	0.34069779	Brain_Cerebellar_Hemisphere	1.943311271		0.056688729	
	1.943311271	-1.172880292	-0.95278742		-1.062833856	0.155629162
	1	0	0.992493858			
GPR63	ENSG00000112218.8	0.28098523	2	2	0.245929407	Brain_Cortex
	0.267811653	Brain_Cerebellar_Hemisphere	1.013917041		0.986082959	
	0.986082959	-1.108116159	1.16029331	0.026088575	1.604007718	2
	0	0.992493858				
ZNF559-ZNF177	ENSG00000270011.6	0.281072433	2	2	0.111953305	
	Brain_Putamen_basal_ganglia	0.824404121	Brain_Cerebellar_Hemisphere			
	1.071264545	0.928735455	0.928735455		-0.221884084	1.589474506

	0.683795211	1.280823942	2	0	0.992493858				
POMZP3	ENSG00000146707.14	0.281102186			13	2	0.083655195		
	Brain_Frontal_Cortex_BA9	0.726404404						Brain_Spinal_cord_cervical_c-1	
	11.88606221	0.000954102	0.560434934		0.349912449		1.72986054		
	1.226055161	0.348669269	2	0	0.992493858				
KCNAB1	ENSG00000169282.17	0.281155838			3	3	0.067868258		
	Brain_Cerebellar_Hemisphere	0.827281257						Brain_Spinal_cord_cervical_c-1	
	1.915756282	0.128601497	0.128601497		0.218189768		1.825880543		
	1.286803022	0.925458522	3	0	0.992493858				
CEP128	ENSG00000100629.16	0.281195838			4	4	0.199145604		
	Brain_Hypothalamus	0.996322116						Brain_Cerebellar_Hemisphere	2.153540794
	0.362894844	0.362894844	0.004609561		1.283989573		0.873411592		
	0.585953622	4	0	0.992493858					
TNKS1BP1	ENSG00000149115.13	0.281197878			1	1	0.281197878		
	Brain_Frontal_Cortex_BA9	0.281197878						Brain_Frontal_Cortex_BA9	1 1
	1	1.077632308	1.077632308		1.077632308	NA	1	0	
	0.992493858								
RP11-212P7.2	ENSG00000273270.1	0.281206693			13	2	0.083421978		
	Brain_Cerebellar_Hemisphere	0.941401351						Brain_Putamen_basal_ganglia	
	11.25384355	4.29E-05	0.651392758		-1.731167029		-0.073508662		
	-0.811218863	0.433684247	2	0	0.992493858				
AMIGO1	ENSG00000181754.6	0.281310892			10	8	0.20753219	Brain_Cerebellum	
	0.988207344	Brain_Putamen_basal_ganglia	5.488130499		0.017887575				
	0.220247996	-1.260380341	1.151051443		0.262100544		0.776709793		
	8	0	0.992493858						
CCT3	ENSG00000163468.14	0.281332976	2		1		0.282558074		
	Brain_Cerebellar_Hemisphere	0.284435569						Brain_Cerebellum	1.982105798
	0.017894202	1.982105798	1.070408291		1.074590575		1.072499433		
	0.002957321	1	0	0.992493858					
ABCG8	ENSG00000143921.6	0.281339973	3		3		0.157707731		
	Brain_Frontal_Cortex_BA9	0.919003838						Brain_Spinal_cord_cervical_c-1	
	1.551272761	0.364225337	0.364225337		0.101688616		1.412823144		
	0.704983237	0.661789789	3	0	0.992493858				
CRLF1	ENSG00000006016.10	0.28136087	6	6	0.085626858			Brain_Amygdala	
	0.469773272	Brain_Hypothalamus	2.192966616		0.184732999				
	0.184732999	-1.718931431	1.282357483		-0.069355675		1.287082518		
	6	0	0.992493858						
PDCD7	ENSG00000090470.14	0.281383338	3	3	0.072603525				
	Brain_Caudate_basal_ganglia	0.63910624						Brain_Cerebellar_Hemisphere	1.255845872
	0.67213796	0.67213796	-1.795315012		0.873607839		-0.463551988		1.33446961
	3	0	0.992493858						
ULBP1	ENSG00000111981.4	0.281412073	4	4	0.067997105				
	Brain_Cerebellar_Hemisphere	0.82376363						Brain_Cortex	1.911146647
	0.112623914	0.112623914	-1.825026009		-0.222706901		-0.860020557		
	0.743345377	4	0	0.992493858					
TIGD3	ENSG00000173825.6	0.28141391	2	2	0.284027408			Brain_Cerebellum	
	0.650369127	Brain_Hippocampus	1.517782967		0.482217033				
	0.482217033	-1.07131591	0.453249452		-0.309033229		1.078030506		
	2	0	0.992493858						
ATP2B4	ENSG00000058668.14	0.281491144	2	2	0.428773419				
	Brain_Cerebellum	0.710642154						Brain_Cerebellar_Hemisphere	1.728099482
	0.271900518	0.271900518	-0.791292337		0.370993794		-0.210149271		
	0.821860405	2	0	0.992493858					
ENPEP	ENSG00000138792.9	0.281532011	1	1	0.281532011				
	Brain_Frontal_Cortex_BA9	0.281532011						Brain_Frontal_Cortex_BA9	1 1
	1	-1.076884182	-1.076884182		-1.076884182	NA	1	0	
	0.992493858								
ACSS2	ENSG00000131069.19	0.281542936	6	4	0.151210467				
	Brain_Cerebellar_Hemisphere	0.969903048						Brain_Hippocampus	4.455476035
	0.058320566	0.294198784	-0.512173822		1.435268968		0.71100151		
	0.774032657	4	0	0.992493858					
RBPMS	ENSG00000157110.15	0.28163273	1	1	0.28163273			Brain_Cerebellum	0.28163273

	Brain_Cerebellum1	1	1	1.076658788	1.076658788	1.076658788			
	NA_1	0	0.992493858						
SGSH	ENSG00000181523.12	0.28176912	5	4	0.029296507				
	Brain_Nucleus_accumbens_basal_ganglia	0.751118604				Brain_Cerebellum			
	2.443215341	0.078991219	0.540031178			-0.950639374	2.179473559		
	0.726259542	1.178596337	4	0	0.992493858				
MAP2K4	ENSG00000065559.14	0.281836754	1	1	0.281836754				
	Brain_Caudate_basal_ganglia	0.281836754				Brain_Caudate_basal_ganglia1	1		1
	1	-1.076202384	-1.076202384	-1.076202384	NA	1	0		
	0.992493858								
TBC1D22B	ENSG00000065491.8	0.282019108	1	1	0.282019108				
	Brain_Cerebellar_Hemisphere	0.282019108				Brain_Cerebellar_Hemisphere1	1		1
	1	1.075794645	1.075794645	1.075794645	NA	1	0		
	0.992493858								
CETN3	ENSG00000153140.8	0.282035082	3	3	0.070415403				
	Brain_Putamen_basal_ganglia	0.968884528				Brain_Hippocampus	1.325862632		
	0.668452712	0.668452712	-0.102939293			1.809229201	0.555760852		
	1.086005985	3	0	0.992493858					
SLC6A13	ENSG0000010379.15	0.282039176	1	1	0.282039176				
	Brain_Cerebellum	0.282039176				Brain_Cerebellum1	1	1	-1.075749785
	-1.075749785	-1.075749785	NA	1	0	0.992493858			
LINC01119	ENSG00000239332.5	0.282200004	6	5	0.101405566				
	Brain_Cortex	0.718840698				Brain_Putamen_basal_ganglia	3.007398938		
	0.06654925	0.273845965	-1.638077319			1.261625067	-0.380327279		
	1.039065146	5	0	0.992493858					
CWC15	ENSG00000150316.11	0.282203206	5	3	0.058008937				
	Brain_Nucleus_accumbens_basal_ganglia	0.29092887				Brain_Cerebellum	4.364718609		
	0.033544119	0.160401064	-1.89563038			-1.056086123	-1.487900801		
	0.333131941	3	0	0.992493858					
ENO2	ENSG00000111674.8	0.282249762	1	1	0.282249762				
	Brain_Hippocampus	0.282249762				Brain_Hippocampus	1	1	1
	1.075279165	1.075279165	1.075279165	NA	1	0	0.992493858		
AHCYL2	ENSG00000158467.16	0.282291663	1	1	0.282291663				
	Brain_Cerebellar_Hemisphere	0.282291663				Brain_Cerebellar_Hemisphere1	1		1
	1	1.075185552	1.075185552	1.075185552	NA	1	0		
	0.992493858								
SLC23A2	ENSG00000089057.14	0.282385929	1	1	0.282385929				
	Brain_Cerebellar_Hemisphere	0.282385929				Brain_Cerebellar_Hemisphere1	1		1
	1	1.074974982	1.074974982	1.074974982	NA	1	0		
	0.992493858								
CTA-390C10.9	ENSG00000272798.1	0.282407213	2	2	0.143731314				
	Brain_Cerebellum	0.70517297				Brain_Cerebellar_Hemisphere	1.163309347		
	0.836690653	0.836690653	-1.462036114			0.378346817	-0.541844648		
	1.301347251	2	0	0.992493858					
LINC02036	ENSG00000225742.5	0.28244684	3	3	0.056772126				
	Brain_Caudate_basal_ganglia	0.804243483				Brain_Nucleus_accumbens_basal_ganglia			
	1.091431218	0.940705361	0.940705361			-0.491065425	1.905061126		
	0.553951576	1.227039159	3	0	0.992493858				
SGCD	ENSG00000170624.13	0.282473814	3	3	0.155932114				
	Brain_Caudate_basal_ganglia	0.353069804				Brain_Spinal_cord_cervical_c-1			
	1.587521848	0.365276185	0.365276185			-1.41888648	-0.928651345		
	-1.105224773	0.272355501	3	0	0.992493858				
CASC18	ENSG00000257859.1	0.282499084	2	2	0.112299917				
	Brain_Cortex	0.973994831				Brain_Nucleus_accumbens_basal_ganglia			
	1.030633769	0.969366231	0.969366231			-1.587939959	-0.032598419		
	-0.810269189	1.09979255	2	0	0.992493858				
RAD9B	ENSG00000151164.18	0.282499121	3	3	0.066459234				
	Brain_Spinal_cord_cervical_c-1	0.466038748				Brain_Frontal_Cortex_BA9			
	1.413245016	0.612491531	0.612491531			-1.835313618	-0.728939374		
	-1.188008833	0.576706507	3	0	0.992493858				
Clorf74	ENSG00000162757.4	0.282536512	1	1	0.282536512				
	Brain_Cerebellar_Hemisphere	0.282536512				Brain_Cerebellar_Hemisphere1	1		1

1	-1.074638714	-1.074638714	-1.074638714	NA	1	0
0.992493858						
SPTBN4	ENSG00000160460.15	0.282564064	6	3	0.009750068	
Brain_Cerebellum	0.860053251	Brain_Cortex	4.120293791		0.026763284	
0.421562299	-0.230438294	2.584569407	0.634926589		1.037825278	
3	0	0.992493858				
ACSF3	ENSG00000176715.15	0.282680566	11	3	0.107642119	
Brain_Spinal_cord_cervical_c-1	0.848296601	Brain_Cortex	8.695087222			
0.003780684	0.404282035	-1.608882123	0.196497185		-0.582375512	
0.532529989	3	0	0.992493858			
ME3	ENSG00000151376.16	0.282688389	6	6	0.127195135	
Brain_Spinal_cord_cervical_c-1	0.988312425	Brain_Hippocampus				
2.376750238	0.255678299	0.255678299	-1.52525649		0.830382256	
-0.186021484	0.89825006	6	0	0.992493858		
SLC40A1	ENSG00000138449.10	0.282720006	6	5	0.185127086	
Brain_Hypothalamus	0.794419701	Brain_Hippocampus	2.500857555			
0.010960424	0.66437099	-1.32513287	1.203501917		0.397931304	
0.895544164	5	0	0.992493858			
LINC00493	ENSG00000232388.4	0.282731026	11	4	0.229648424	
Brain_Amygdala	0.952653125	Brain_Nucleus_accumbens_basal_ganglia				
7.884735182	0.036004077	0.32935744	-1.201264995		0.775024031	
-0.242916705	0.656709594	4	0	0.992493858		
ELMOD1	ENSG00000110675.12	0.282762797	1	1	0.282762797	
Brain_Amygdala	0.282762797	Brain_Amygdala	1	1	1	-1.074133622
-1.074133622	-1.074133622	NA	1	0	0.992493858	
LINC01534	ENSG00000225975.6	0.282799624	2	2	0.219789192	
Brain_Cerebellar_Hemisphere	0.284605275	Brain_Caudate_basal_ganglia				
1.049870757	0.950129243	0.950129243	-1.070031178		1.227088867	
0.078528844	1.624309161	2	0	0.992493858		
PNMA2	ENSG00000240694.8	0.282859125	2	2	0.12040201	Brain_Cerebellum
0.279335693	Brain_Cerebellar_Hemisphere	1.509933592			0.490066408	
0.490066408	-1.553088428	-1.081812855	-1.317450642		0.333242154	
2	0	0.992493858				
HMOX1	ENSG00000100292.16	0.28288649	1	1	0.28288649	Brain_Cortex
Brain_Cortex	1	1	1	-1.073857644	-1.073857644	-1.073857644
NA	1	0	0.992493858			
BTNL3	ENSG00000168903.8	0.282894147	7	2	0.402513235	Brain_Cortex
0.912028448	Brain_Anterior_cingulate_cortex_BA24	6.255182211				
0.014681509	0.415221513	-0.837141146	0.354715612		-0.087231607	
0.457542832	2	0	0.992493858			
FNBP1L	ENSG00000137942.16	0.282896325	1	1	0.282896325	
Brain_Cerebellum	0.282896325	Brain_Cerebellum	1	1	1	-1.073835702
-1.073835702	-1.073835702	NA	1	0	0.992493858	
RRAGC	ENSG00000116954.7	0.282903888	1	1	0.282903888	
Brain_Hippocampus	0.282903888	Brain_Hippocampus	1	1	1	
-1.073818831	-1.073818831	-1.073818831	NA	1	0	0.992493858
ZNF783	ENSG00000204946.9	0.282953304	2	2	0.216447026	
Brain_Cerebellar_Hemisphere	0.77576857	Brain_Putamen_basal_ganglia	1.478818757			
0.521181243	0.521181243	-1.236031039	0.284837592		-0.475596723	
1.075416522	2	0	0.992493858			
DPH7	ENSG00000148399.12	0.282960708	2	2	0.17245652	Brain_Cortex
0.652486656	Brain_Cerebellum	1.248254429	0.751745571		0.751745571	
-1.364352914	0.450310379	-0.457021267	1.28316072	2	0	
0.992493858						
PGS1	ENSG00000087157.18	0.28301569	6	5	0.11260685	Brain_Caudate_basal_ganglia
0.974260816	Brain_Anterior_cingulate_cortex_BA24	3.792194221				
0.116120989	0.185214718	-1.586584193	0.424577437		-0.502482748	
0.708446153	5	0	0.992493858			
APLNR	ENSG00000134817.10	0.283088631	1	1	0.283088631	
Brain_Nucleus_accumbens_basal_ganglia	0.283088631					
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.073406808		
-1.073406808	-1.073406808	NA	1	0	0.992493858	

AC006946.17	ENSG00000273442.1	0.283162731	4	2	0.206892245			
	Brain_Spinal_cord_cervical_c-1	0.303042509				Brain_Cortex	2.925448886	
	0.004091549	0.998128533	-1.262157147			1.172028518	0.520005382	
	1.189667567	2	0	0.992493858				
ARHGDIG	ENSG00000242173.8	0.283185881	1	1	0.283185881			
	Brain_Spinal_cord_cervical_c-1	0.283185881				Brain_Spinal_cord_cervical_c-1		
	1	1	-1.07318999	-1.07318999		-1.07318999	NA	1 0
	0.992493858							
TRIM50	ENSG00000146755.10	0.28324693	2	2	0.117395196	Brain_Cerebellum		
	0.18920208	Brain_Cerebellar_Hemisphere	1.909371393		0.090628607			
	0.090628607	1.312943224	1.56580107	1.439372147	0.178797498			2
	0	0.992493858						
RP11-571M6.18	ENSG00000269903.1	0.283252439	1	1	0.283252439			
	Brain_Anterior_cingulate_cortex_BA24	0.283252439						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.073041629			
	1.073041629	1.073041629	NA	1	0	0.992493858		
C9orf78	ENSG00000136819.15	0.283477431	1	1	0.283477431			
	Brain_Frontal_Cortex_BA9	0.283477431				Brain_Frontal_Cortex_BA9	1	1
	1	1.072540282	1.072540282	1.072540282	NA	1	0	
	0.992493858							
RBP3	ENSG00000265203.1	0.283506633	4	4	0.155145734			
	Brain_Caudate_basal_ganglia	0.985688104				Brain_Cortex	1.63241724	0.35621978
	0.35621978	-1.185924696	1.42158854	0.083462754	1.066657417		4	0
	0.992493858							
C3orf67	ENSG00000163689.19	0.283534825	1	1	0.283534825			
	Brain_Frontal_Cortex_BA9	0.283534825				Brain_Frontal_Cortex_BA9	1	1
	1	-1.072412435	-1.072412435	-1.072412435	NA	1	0	
	0.992493858							
RP11-442O1.3	ENSG00000275088.1	0.283550007	2	2	0.11260379			
	Brain_Cerebellar_Hemisphere	0.906346807				Brain_Cerebellum	1.037202617	
	0.962797383	0.962797383	-1.586597695	-0.117647701	-0.852122698			
	1.038704502	2	0	0.992493858				
FAH	ENSG00000103876.11	0.283564516	7	6	0.098036261			
	Brain_Frontal_Cortex_BA9	0.972523758				Brain_Cerebellar_Hemisphere		
	2.957975732	0.033746336	0.188615986	-1.654449278	0.611165723			
	-0.279533765	0.740116749	6	0	0.992493858			
ZMYND15	ENSG00000141497.13	0.283643262	2	2	0.118990883			
	Brain_Hippocampus	0.810756457				Brain_Cerebellar_Hemisphere	1.334454785	
	0.665545215	0.665545215	0.239450266	1.559023225	0.899236745			
	0.933078988	2	0	0.992493858				
FGL2	ENSG00000127951.6	0.283682077	5	3	0.130078354			
	Brain_Nucleus_accumbens_basal_ganglia	0.763012481						
	Brain_Spinal_cord_cervical_c-1	3.915750491			0.046204882		0.250347817	
	0.30152724	1.51379298	1.009922933	0.515930099	3	0	0.992493858	
RNF175	ENSG00000145428.14	0.283727567	5	3	0.143531654			
	Brain_Putamen_basal_ganglia	0.702927675				Brain_Cortex	3.924912409	
	0.031506341	0.198186725	-1.462765145	0.435885826	-0.635371775			
	0.721699018	3	0	0.992493858				
HMGXB3	ENSG00000113716.12	0.283752086	7	4	0.050949197			
	Brain_Spinal_cord_cervical_c-1	0.991317013				Brain_Cerebellum	5.32703838	
	0.017415129	0.272281274	0.010882725	1.951907425	0.667806991			
	0.684601142	4	0	0.992493858				
SYT6	ENSG00000134207.14	0.283856884	2	2	0.118903418			
	Brain_Putamen_basal_ganglia	0.469399368				Brain_Caudate_basal_ganglia		
	1.282640026	0.717359974	0.717359974	-1.55939289	-0.723456666			
	-1.141424778	0.591096172	2	0	0.992612265			
RP11-1084I9.1	ENSG00000206187.3	0.2839484	7	4	0.090809438			
	Brain_Amygdala	0.703104767				Brain_Nucleus_accumbens_basal_ganglia		
	5.312510593	0.00302842	0.18061676	-1.691143294	1.370884139			
	0.486356321	1.012624087	4	0	0.992684172			
CARD18	ENSG00000255501.1	0.284233765	1	1	0.284233765			
	Brain_Nucleus_accumbens_basal_ganglia	0.284233765						

	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.070856929	
	-1.070856929	-1.070856929	NA	1	0	0.993193183
TES	ENSG00000135269.17	0.284235974	3	3	0.243259389	Brain_Amygdala
	0.850094835	Brain_Cortex	1.60636651	0.485619983	0.485619983	
	-1.137629188	1.166878625	0.072748954	1.156643569	3	0
	0.993193183					
AC005	537.2	ENSG00000232006.8	0.284465379	5	5	0.131713296
	Brain_Cerebellum	0.822783305	Brain_Anterior_cingulate_cortex_BA24			
	2.425235919	0.119730791	0.119730791	-1.420165338	1.507379947	
	0.303452579	1.088034152	5	0	0.993501203	
CBX6	ENSG00000183741.11	0.284565476	2	2	0.114454089	Brain_Cortex
	0.962001222	Brain_Substantia_nigra	1.123360595	0.876639405		
	0.876639405	-1.57848562	0.047642422	-0.765421599	1.149846166	
	2	0	0.993501203			
WARS2	ENSG00000116874.11	0.284677701	13	1	0.13462302	Brain_Hippocampus
	0.455145916	Brain_Substantia_nigra	12.35480834	0.000777965		
	12.35480834	-1.496117569	-0.746863573	-1.043895722	0.248601417	
	1	0	0.993501203			
ENKD1	ENSG00000124074.11	0.284687886	2	2	0.11364435	
	Brain_Cerebellar_Hemisphere	0.132522937	Brain_Cerebellum	1.927241249		
	0.072758751	0.072758751	-1.58202287	-1.504226963	-1.543124917	
	0.055010013	2	0	0.993501203		
MGME1	ENSG00000125871.13	0.284690727	6	5	0.339403169	
	Brain_Caudate_basal_ganglia	0.965546663	Brain_Hypothalamus	4.39414212		
	0.070567124	0.180107112	-0.769405908	0.955345175	0.291500611	
	0.601739302	5	0	0.993501203		
1-Sep	ENSG00000180096.11	0.284750184	9	4	0.094728935	
	Brain_Frontal_Cortex_BA9	0.607535861	Brain_Putamen_basal_ganglia			
	7.360298074	0.005079379	0.309665587	-1.67096326	0.689116348	
	-0.813911439	0.663245506	4	0	0.993501203	
CDKL1	ENSG00000100490.9	0.284981416	4	3	0.152819816	
	Brain_Frontal_Cortex_BA9	0.901854904	Brain_Cortex	2.486439365		
	0.034162928	0.479115353	-1.429641925	0.700178867	-0.171298535	
	0.905547111	3	0	0.993575862		
CFAP53	ENSG00000172361.5	0.285141233	3	3	0.192188483	
	Brain_Cerebellar_Hemisphere	0.799768134	Brain_Putamen_basal_ganglia			
	1.502966855	0.496328773	0.496328773	0.253647192	1.304132285	
	0.83097325	0.532933213	3	0	0.993575862	
NR3C2	ENSG00000151623.14	0.285177638	1	1	0.285177638	
	Brain_Cerebellar_Hemisphere	0.285177638	Brain_Cerebellar_Hemisphere	1	1	
	1	1.068760421	1.068760421	1.068760421	NA	1
	0.993575862				0	
SLC31A1	ENSG00000136868.10	0.285219651	5	5	0.071613245	
	Brain_Cortex	0.671491167	Brain_Putamen_basal_ganglia	1.219275356		
	0.865376806	0.865376806	-1.055226723	1.801568985	0.587817172	
	1.046098988	5	0	0.993575862		
USP40	ENSG00000085982.13	0.285230991	9	6	0.04967455	
	Brain_Nucleus_accumbens_basal_ganglia	0.91990776	Brain_Cerebellar_Hemisphere			
	5.442731518	0.059639664	0.195207938	-0.894653157	1.962755855	
	0.618294123	0.796093837	6	0	0.993575862	
CCDC146	ENSG00000135205.14	0.2853026	2	2	0.193908579	
	Brain_Putamen_basal_ganglia	0.361847429	Brain_Cerebellum	1.004550988		
	0.995449012	0.995449012	-1.299103014	-0.911850487	-1.10547675	
	0.273828888	2	0	0.993575862		
STK11	ENSG00000118046.14	0.285338923	1	1	0.285338923	
	Brain_Cerebellar_Hemisphere	0.285338923	Brain_Cerebellar_Hemisphere	1	1	
	1	-1.068402648	-1.068402648	-1.068402648	NA	1
	0.993575862				0	
TMEM56	ENSG00000152078.9	0.285395572	1	1	0.285395572	
	Brain_Amygdala	0.285395572	Brain_Amygdala	1	1	1
	-1.068277019	-1.068277019	NA	1	0	0.993575862
LURAP1	ENSG00000171357.5	0.285510798	1	1	0.285510798	

	Brain_Hypothalamus	0.285510798		Brain_Hypothalamus	1	1	1
	-1.068021535	-1.068021535	-1.068021535	NA	1	0	0.993575862
LECT2	ENSG00000145826.8	0.285636644	1	1	0.285636644		
	Brain_Caudate_basal_ganglia	0.285636644		Brain_Caudate_basal_ganglia	1	1	
	1	-1.067742583	-1.067742583	-1.067742583	NA	1	0
	0.993575862						
DCLRE1C	ENSG00000152457.17	0.285737676	5	4	0.265631365		
	Brain_Caudate_basal_ganglia	0.821377261		Brain_Frontal_Cortex_BA9			
	3.842152857	0.0356048	0.244965814	-0.225773921	1.113179455		
	0.823368286	0.587308571	4	0	0.993575862		
SLC2A12	ENSG00000146411.5	0.285759424	4	4	0.328567719		
	Brain_Cortex	0.981315212		Brain_Amygdala	2.027898335	0.135081618	
	0.135081618	-0.977002895	0.864389111	-0.218797651	0.828073018		
	4	0	0.993575862				
UQCC1	ENSG00000101019.21	0.285774801	6	4	0.351423716		Brain_Cortex
	0.915974782	Brain_Putamen_basal_ganglia	4.873906357	0.006378338			
	0.216456067	-0.715873979	0.9318313	-0.104718193	0.611393481	4	
	0	0.993575862					
PPARG	ENSG00000132170.19	0.285784158	4	3	0.056145962		
	Brain_Spinal_cord_cervical_c-1	0.902337955		Brain_Hypothalamus	2.00099068		
	0.00332815	0.940417056	-1.909900991	0.122708472	-0.619124314		
	0.88827753	3	0	0.993575862			
AGO3	ENSG00000126070.19	0.285854975	2	2	0.245664627		
	Brain_Putamen_basal_ganglia	0.28566058		Brain_Hippocampus	1.006726692		
	0.993273308	0.993273308	-1.160944116	1.067689537	-0.04662729		
	1.575881968	2	0	0.993575862			
RP11-602.2	ENSG00000278090.1	0.285907828	7	7	0.057074554		
	Brain_Cerebellar_Hemisphere	0.873983002		Brain_Frontal_Cortex_BA9			
	2.524396946	0.188001383	0.188001383	-1.90273943	1.507365946		
	-0.241393693	1.088728616	7	0	0.993575862		
CTNS	ENSG00000040531.14	0.28603658	12	3	0.105860205		
	Brain_Spinal_cord_cervical_c-1	0.924101541		Brain_Hippocampus			
	10.46436311	6.85E-17	0.398910259	-0.389970584	1.617083746		
	0.516610896	0.484329293	3	0	0.99365189		
RP11-480D4.1	ENSG00000245729.2	0.286112723	2	2	0.152020687		
	Brain_Spinal_cord_cervical_c-1	0.472143098		Brain_Substantia_nigra			
	1.033435781	0.966564219	0.966564219	0.718996465	1.432430387		
	1.075713426	0.504473964	2	0	0.99365189		
ORM1	ENSG00000229314.5	0.286142768	1	1	0.286142768		
	Brain_Cerebellar_Hemisphere	0.286142768		Brain_Cerebellar_Hemisphere	1	1	
	1	-1.066621544	-1.066621544	-1.066621544	NA	1	0
	0.99365189						
RP5-115904.1	ENSG00000272894.5	0.286330138	13	5	0.062264052		
	Brain_Substantia_nigra	0.962028468		Brain_Nucleus_accumbens_basal_ganglia			
	9.263713124	0.002085678	0.316062244	-0.047608236	1.864410697		
	1.026465125	0.512079792	5	0	0.994055822		
ZNF292	ENSG00000188994.12	0.286519784	3	3	0.23393469		
	Brain_Substantia_nigra	0.528752513		Brain_Cerebellar_Hemisphere			
	1.933274629	0.374872043	0.374872043	-1.190284247	0.763651566		
	0.067759594	1.091548136	3	0	0.994213519		
RNF41	ENSG00000181852.17	0.286608454	1	1	0.286608454		Brain_Cerebellum
	0.286608454	Brain_Cerebellum	1	1	1	-1.065591255	-1.065591255
	-1.065591255	NA	1	0	0.994213519		
ARFIP1	ENSG00000164144.15	0.286628145	12	3	0.353676106		
	Brain_Hypothalamus	0.981795869		Brain_Spinal_cord_cervical_c-1			
	9.555517327	0.002760463	0.608093431	-0.864630388	0.927482437		
	-0.091867743	0.546213536	3	0	0.994213519		
GHRL	ENSG00000157017.15	0.286683875	3	2	0.115889984		Brain_Cortex
	0.221057875	Brain_Cerebellum	2.755154566	0.021788254	0.22305718		
	1.223719994	1.572261214	1.451232671	0.197165917	2	0	
	0.994213519						
ZNF57	ENSG00000171970.12	0.286747305	2	2	0.276725089		
	Brain_Cerebellar_Hemisphere	0.991329876		Brain_Cerebellum	1.730274438		

	0.269725562	0.269725562	0.010866603	1.087705613	0.549286108
	0.761440166	2	0	0.994213519	
EBI3	ENSG00000105246.5	0.286801927	2	2	0.117616093
	Brain_Caudate_basal_ganglia	0.812429727			Brain_Cerebellum
	1.009980113				
	0.990019887	0.990019887	-0.237292697	1.564858492	0.663782897
	1.274313326	2	0	0.994213519	
FNDC10	ENSG00000228594.3	0.28722162	1	1	0.28722162
	Brain_Putamen_basal_ganglia	0.28722162	Brain_Putamen_basal_ganglia	1	1
	1.064236403	1.064236403	1.064236403	NA	1
				0	0.994554841
HEPACAM	ENSG00000165478.6	0.287312565	1	1	0.287312565
	Brain_Putamen_basal_ganglia	0.287312565	Brain_Putamen_basal_ganglia	1	1
	1	-1.064035618	-1.064035618	-1.064035618	NA
				1	0
	0.994554841				
MST1	ENSG00000173531.15	0.287353936	7	3	0.33910618
	Brain_Cortex				
	0.583026312	Brain_Cerebellum	6.011050435	0.010906764	0.267482359
	-0.796377677	0.955932812	0.507356576	0.593216266	3
					0
	0.994554841				
LRP6	ENSG00000070018.8	0.287397479	3	3	0.117598532
	Brain_Cerebellum				
	0.303394632	Brain_Cerebellar_Hemisphere	1.432454568	0.583790592	
	0.583790592	-1.564933375	1.181509985	-0.470868128	1.455858071
	3	0	0.994554841		
LINC01299	ENSG00000254081.1	0.287407574	11	2	0.178364616
	Brain_Cerebellum	0.991201535	Brain_Anterior_cingulate_cortex_BA24		
	9.687214005	0.01143485	0.395932627	-0.056194784	1.34580747
	0.714849606	0.491229121	2	0	0.994554841
FREM1	ENSG00000164946.19	0.287410301	10	9	0.088257921
	Brain_Cerebellum				
	0.993457084	Brain_Nucleus_accumbens_basal_ganglia	4.359832632		
	0.074824508	0.156079632	-0.787550845	1.704659643	0.038891726
	0.726016701	9	0	0.994554841	
TMEM64	ENSG00000180694.13	0.287450111	1	1	0.287450111
	Brain_Hypothalamus	0.287450111	Brain_Hypothalamus	1	1
	1.063732028	1.063732028	1.063732028	NA	1
				0	0.994554841
SEN3	ENSG00000161956.12	0.287469071	2	2	0.115195394
	Brain_Nucleus_accumbens_basal_ganglia	0.985578339	Brain_Hypothalamus		
	1.080273634	0.919726366	0.919726366	-1.575264548	-0.018075856
	-0.796670202	1.101098684	2	0	0.994554841
LINC01562	ENSG00000203356.2	0.287574666	2	2	0.114391483
	Brain_Cerebellum	0.848742688	Brain_Substantia_nigra	1.125964017	
	0.874035983	0.874035983	-1.578758405	-0.19072291	-0.884740658
	0.98148931	2	0	0.994674202	
SRGAP2	ENSG00000266028.7	0.287715909	1	1	0.287715909
	Brain_Substantia_nigra	0.287715909	Brain_Substantia_nigra	1	1
	1	-1.063145642	-1.063145642	-1.063145642	NA
				1	0
	0.994725712				
SRFBP1	ENSG00000151304.5	0.287885777	2	2	0.115743315
	Brain_Putamen_basal_ganglia	0.654731783	Brain_Cerebellum	1.204652709	
	0.795347291	0.795347291	-1.572894216	-0.447198447	-1.010046331
	0.795987112	2	0	0.994725712	
GYPA	ENSG00000170180.19	0.287895132	1	1	0.287895132
	Brain_Frontal_Cortex_BA9	0.287895132	Brain_Frontal_Cortex_BA9	1	1
	1	-1.062750459	-1.062750459	-1.062750459	NA
				1	0
	0.994725712				
FBLIM1	ENSG00000162458.12	0.287916441	1	1	0.287916441
	Brain_Caudate_basal_ganglia	0.287916441	Brain_Caudate_basal_ganglia	1	1
	1	1.062703483	1.062703483	1.062703483	NA
				1	0
	0.994725712				
MRPS11	ENSG00000181991.15	0.287945046	1	1	0.287945046
	Brain_Nucleus_accumbens_basal_ganglia	0.287945046			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.062640429
	-1.062640429	-1.062640429	NA	1	0
				0.994725712	
NUP85	ENSG00000125450.10	0.288071663	13	2	0.067618314
	Brain_Hippocampus	0.430613688	Brain_Substantia_nigra	11.81805067	

	0.000215623	0.434848719	-1.827542024	-0.788141936	-1.457087588				
	0.358544325	2	0	0.994917463					
TDO2	ENSG00000151790.8	0.288146267	3	3	0.452312911				
	Brain_Frontal_Cortex_BA9	0.982325355		Brain_Cortex	2.016714565				
	0.076183302	0.076183302	0.022153694	0.751564646	0.323656849				
	0.380780362	3	0	0.994929521					
DNAJC25	ENSG00000059769.19	0.288481185	3	3	0.054101079				
	Brain_Cerebellum	0.935137372		Brain_Anterior_cingulate_cortex_BA24					
	1.182959385	0.794656084	0.794656084	-1.926026388	0.194907222				
	-0.604167387	1.153068725	3	0	0.995840183				
LINC01771	ENSG00000225675.2	0.288795993	1	1	0.288795993				
	Brain_Putamen_basal_ganglia	0.288795993		Brain_Putamen_basal_ganglia	1	1			
	1	1.060766581	1.060766581	1.060766581	NA	1	0		
	0.996489356								
PIK3C2B	ENSG00000133056.13	0.288875862	1	1	0.288875862				
	Brain_Frontal_Cortex_BA9	0.288875862		Brain_Frontal_Cortex_BA9	1	1			
	1	-1.060590896	-1.060590896	-1.060590896	NA	1	0		
	0.996489356								
CCHCR1	ENSG00000204536.13	0.288889506	6	5	0.271793922				
	Brain_Putamen_basal_ganglia	0.963018228		Brain_Cerebellar_Hemisphere					
	4.251036094	0.09536014	0.153692604	-0.88971875	1.098940724				
	0.151584437	0.647193692	5	0	0.996489356				
OCIAD2	ENSG00000145247.11	0.288954136	4	3	0.084330685				
	Brain_Putamen_basal_ganglia	0.997686873		Brain_Cerebellum	2.419378407				
	0.071884599	0.466049784	0.002899079	1.726092991	0.640352616				
	0.749886869	3	0	0.996489356					
PSMB1	ENSG00000008018.8	0.289092931	3	3	0.24459742				
	Brain_Frontal_Cortex_BA9	0.668896504		Brain_Cerebellum	2.530474303				
	0.095080575	0.095080575	-1.163572207	-0.427662982	-0.854072344				
	0.381630017	3	0	0.996722327					
SIAH1	ENSG00000196470.11	0.289269995	1	1	0.289269995				
	Brain_Cerebellar_Hemisphere	0.289269995		Brain_Cerebellar_Hemisphere	1	1			
	1	-1.059724409	-1.059724409	-1.059724409	NA	1	0	0.99708709	
SFI1	ENSG00000198089.15	0.28941212	11	8	0.018440902				
	Brain_Spinal_cord_cervical_c-1	0.952846598							
	Brain_Nucleus_accumbens_basal_ganglia	5.403533894		0.057455239					
	0.206438145	-2.356644294	0.360440474	-0.803856384	0.834207629				
	8	0	0.997148584						
TCEA2	ENSG00000171703.16	0.289528764	5	5	0.046759678				
	Brain_Hippocampus	0.569333316		Brain_Cerebellar_Hemisphere	1.298012545				
	0.609476934	0.609476934	-1.988470501	0.980301323	-0.11410284				
	1.262842484	5	0	0.997148584					
TACR2	ENSG00000075073.14	0.289530735	3	3	0.1079016				
	Brain_Caudate_basal_ganglia	0.908174256		Brain_Nucleus_accumbens_basal_ganglia					
	1.052416211	0.931031792	0.931031792	-1.607696798	0.115341739				
	-0.840267065	0.876797566	3	0	0.997148584				
RP11-452F19.3	ENSG00000228106.5	0.289598673	7	4	0.212828155				
	Brain_Cerebellar_Hemisphere	0.775099703		Brain_Cortex	4.701169317				
	0.021736346	0.305561018	-0.419658131	1.245826345	0.24338095				
	0.670912051	4	0	0.997148584					
RP11-20D14.6	ENSG00000249790.2	0.289644925	2	2	0.141714322				
	Brain_Cerebellum	0.556561194		Brain_Putamen_basal_ganglia	1.015834279				
	0.984165721	0.984165721	-0.587956943	1.469436912	0.440739985				
	1.454797146	2	0	0.997148584					
RP11-45M22.5	ENSG00000266498.1	0.289956229	1	1	0.289956229				
	Brain_Hippocampus	0.289956229		Brain_Hippocampus	1	1	1		
	1.058217645	1.058217645	1.058217645	NA	1	0	0.997148584		
BIRC7	ENSG00000101197.12	0.289982615	7	6	0.0586197				
	Brain_Caudate_basal_ganglia	3.179016371		0.034859358					
	0.873849558	-1.891034791	0.525906739	-0.506719546	0.892746195				
	0.358087519	6	0	0.997148584					
MAP3K7CL	ENSG00000156265.15	0.290042084	4	4	0.359304258				

	Brain_Hippocampus	0.712226638		Brain_Hypothalamus	2.488368852		
	0.159697619	0.159697619	-0.897125482	0.916691622	0.114587388		
	0.890879591	4	0	0.997148584			
GPR137B	ENSG00000077585.13	0.290055718		6	6	0.044253962	
	Brain_Putamen_basal_ganglia	0.637526761		Brain_Cerebellar_Hemisphere			
	2.852475053	0.195561739	0.195561739	-2.011677329	0.853352212		
	-0.885179513	1.045576436	6	0	0.997148584		
ZNF460	ENSG00000197714.8	0.290101009		1	1	0.290101009	
	Brain_Amygdala	0.290101009	Brain_Amygdala	1	1	1	1.057900057
	1.057900057	1.057900057	NA	1	0	0.997148584	
CRP	ENSG00000132693.12	0.290277254		1	1	0.290277254	Brain_Cortex
	0.290277254	Brain_Cortex	1	1	1	-1.057513595	-1.057513595
	-1.057513595	NA	1	0	0.997148584		
TUBGCP5	ENSG00000275835.4	0.290312896		4	4	0.081285128	
	Brain_Nucleus_accumbens_basal_ganglia	0.921566923	Brain_Frontal_Cortex_BA9				
	1.960381073	0.244132581	0.244132581	-0.098460139	1.743277646		
	0.780875548	0.768347228	4	0	0.997148584		
NT5C	ENSG00000125458.6	0.290365179		3	3	0.079983789	
	Brain_Putamen_basal_ganglia	0.640326972	Brain_Cerebellum	1.462582872			
	0.624978396	0.624978396	-1.75078014	0.467241686	-0.842910702		
	1.162445218	3	0	0.997148584			
SZT2	ENSG00000198198.15	0.290391736		4	4	0.111223901	Brain_Cortex
	0.990599444	Brain_Cerebellar_Hemisphere	1.482727569	0.540771368			
	0.540771368	-1.304497741	1.592716071	-0.107404742	1.254963351		
	4	0	0.997148584				
GRAMD1B	ENSG00000023171.16	0.290407244		4	4	0.048478548	
	Brain_Cerebellum	0.999738692	Brain_Amygdala	1.701912325	0.502525595		
	0.502525595	-0.000327501	1.97314936	0.584773896	0.929695103		4
	0	0.997148584					
NDFIP2	ENSG00000102471.13	0.290428167		1	1	0.290428167	
	Brain_Amygdala	0.290428167	Brain_Amygdala	1	1	1	-1.057182803
	-1.057182803	-1.057182803	NA	1	0	0.997148584	
UGGT2	ENSG00000102595.19	0.290575616		2	2	0.130621388	
	Brain_Cerebellar_Hemisphere	0.22428293	Brain_Spinal_cord_cervical_c-1				
	1.568821665	0.431178335	0.431178335	1.215218072	1.511656037		
	1.363437055	0.209613295	2	0	0.997306517		
RP11-160H22.5	ENSG00000227373.5	0.29070929		5	5	0.064141236	
	Brain_Cortex	0.547520691	Brain_Spinal_cord_cervical_c-1	2.847490156			
	0.195286321	0.195286321	-1.851196871	-0.601479456	-1.225719604		
	0.519740322	5	0	0.997306517			
RP11-1055B8.9	ENSG00000275966.1	0.29077415		1	1	0.29077415	
	Brain_Nucleus_accumbens_basal_ganglia	0.29077415					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.056424867		
	-1.056424867	-1.056424867	NA	1	0	0.997306517	
PALM2	ENSG00000243444.7	0.290783671		1	1	0.290783671	
	Brain_Hypothalamus	0.290783671	Brain_Hypothalamus	1	1	1	
	-1.056404019	-1.056404019	-1.056404019	NA	1	0	0.997306517
ZNF391	ENSG00000124613.8	0.290841749		13	2	0.239702486	
	Brain_Anterior_cingulate_cortex_BA24	0.99766832	Brain_Spinal_cord_cervical_c-1				
	11.90924496	0.003439555	0.471308523	-1.175730751	0.017586029		
	-0.352983281	0.355252605	2	0	0.997306517		
ZNF618	ENSG00000157657.14	0.290901858		2	2	0.13135706	
	Brain_Cerebellar_Hemisphere	0.230964538	Brain_Cerebellum	1.912863795			
	0.087136205	0.087136205	1.197877942	1.508771994	1.353324968		
	0.219835292	2	0	0.997306517			
ASNS	ENSG00000070669.16	0.291020956		3	3	0.155933775	Brain_Cerebellum
	0.817402288	Brain_Frontal_Cortex_BA9	1.775831973	0.348632664			
	0.348632664	-0.376743559	1.418880786	0.270416613	0.997269258		
	3	0	0.997319833				
LRRC20	ENSG00000172731.13	0.291118611		2	2	0.144955801	
	Brain_Putamen_basal_ganglia	0.763871379	Brain_Frontal_Cortex_BA9	1.18877392			
	0.81122608	0.81122608	-1.457581975	0.300400898	-0.578590539	1.24308161	

2 0 0.997319833
 ESD ENSG00000139684.13 0.291299695 3 2 0.118014771 Brain_Cortex
 0.994539864 Brain_Anterior_cingulate_cortex_BA24 2.005437444
 0.005442725 0.989119831 -1.563160831 0.067436093 -0.496293806
 0.924430531 2 0 0.997319833
 CTD-2201E18.5 ENSG00000271788.1 0.291508978 1 1 0.291508978
 Brain_Caudate_basal_ganglia 0.291508978 Brain_Caudate_basal_ganglia 1 1
 1 1.054817109 1.054817109 1.054817109 NA 1 0
 0.997319833
 HCRT ENSG00000161610.1 0.29154907 1 1 0.29154907
 Brain_Nucleus_accumbens_basal_ganglia 0.29154907
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 1.05472947 1.05472947
 1.05472947 NA 1 0 0.997319833
 GPSM3 ENSG00000213654.9 0.291593205 1 1 0.291593205 Brain_Cerebellum
 0.291593205 Brain_Cerebellum 1 1 1 1.054633 1.054633 1.054633
 NA 1 0 0.997319833
 PREP ENSG00000085377.13 0.291668434 1 1 0.291668434 Brain_Amygdala
 0.291668434 Brain_Amygdala 1 1 1 -1.05446859 -1.05446859
 -1.05446859 NA 1 0 0.997319833
 PRMT6 ENSG00000198890.7 0.291901038 7 6 0.00976791 Brain_Hippocampus
 0.889812876 Brain_Spinal_cord_cervical_c-1 3.197721886 0.001495747
 0.333670692 -2.58393889 -0.138540991 -1.478413174 1.039738616
 6 0 0.997319833
 RP11-431K24.1 ENSG00000238290.1 0.292061511 11 2 0.063381027
 Brain_Nucleus_accumbens_basal_ganglia 0.818789218 Brain_Cerebellum
 9.474483829 5.06E-05 0.997571468 0.229102542 1.856509099
 1.375653105 0.474561231 2 0 0.997319833
 ZNF195 ENSG00000005801.16 0.292070156 11 2 0.110867352
 Brain_Anterior_cingulate_cortex_BA24 0.23342381 Brain_Hypothalamus
 10.05065344 0.001280164 0.395113129 1.191585508 1.594306727
 1.381820927 0.133578942 2 0 0.997319833
 CTD-2540B15.9 ENSG00000267130.1 0.292317228 1 1 0.292317228
 Brain_Nucleus_accumbens_basal_ganglia 0.292317228
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 1.053051852
 1.053051852 1.053051852 NA 1 0 0.997319833
 EDEM3 ENSG00000116406.18 0.292325918 5 5 0.078862439
 Brain_Nucleus_accumbens_basal_ganglia 0.668067609 Brain_Cortex
 3.231375908 0.109237712 0.109237712 -1.75732494 0.428801607
 -0.889125866 0.799798245 5 0 0.997319833
 OR2L3 ENSG00000198128.3 0.292488298 3 2 0.288479619 Brain_Cerebellum
 0.745883356 Brain_Cerebellar_Hemisphere 2.401860339 0.03242993
 0.565709732 -1.061462825 0.406756798 -0.110211268 0.824844729
 2 0 0.997319833
 NUTM2G ENSG00000188152.12 0.292513927 2 2 0.135767826
 Brain_Hippocampus 0.145553812 Brain_Cerebellar_Hemisphere 1.768528089
 0.231471911 0.231471911 -1.491738065 -1.455417149 -1.473577607
 0.025682766 2 0 0.997319833
 ZMYM5 ENSG00000132950.18 0.292536523 1 1 0.292536523 Brain_Cortex
 0.292536523 Brain_Cortex 1 1 1 1.052573466 1.052573466
 1.052573466 NA 1 0 0.997319833
 ARL15 ENSG00000185305.10 0.292594839 4 3 0.179777741
 Brain_Nucleus_accumbens_basal_ganglia 0.787351375 Brain_Putamen_basal_ganglia
 2.651502845 0.06307438 0.206249417 -1.341439684 0.914850937
 -0.223714442 1.008903758 3 0 0.997319833
 RASSF9 ENSG00000198774.4 0.292644707 2 2 0.120582173
 Brain_Cerebellum 0.894452984 Brain_Substantia_nigra 1.05523222 0.94476778
 0.94476778 0.132671752 1.552334643 0.842503197 1.003853257 2
 0 0.997319833
 TMEM106B ENSG00000106460.18 0.292648963 2 2 0.117720523
 Brain_Cerebellum 0.179994612 Brain_Cortex 1.886836937 0.113163063
 0.113163063 1.340771624 1.564413371 1.452592497 0.158138596 2
 0 0.997319833

REV1	ENSG00000135945.9	0.292693142	1	1	0.292693142			
	Brain_Hypothalamus	0.292693142			Brain_Hypothalamus	1	1	1
	-1.052231955	-1.052231955	-1.052231955	NA	1	0	0.997319833	
SYTL2	ENSG00000137501.17	0.292697603	1	1	0.292697603			
	Brain_Putamen_basal_ganglia	0.292697603			Brain_Putamen_basal_ganglia	1	1	1
	1.052222229	1.052222229	1.052222229	NA	1	0	0.997319833	
ABHD2	ENSG00000140526.17	0.292774783	2	2	0.18516964			
	Brain_Nucleus_accumbens_basal_ganglia	0.393802155			Brain_Cerebellar_Hemisphere			
	1.011700183	0.988299817	0.988299817	-1.325004556			-0.852742431	
	-1.088873493	0.333939751	2	0	0.997319833			
ITGB3BP	ENSG00000142856.16	0.292835293	13	1	0.223814522			
	Brain_Cerebellar_Hemisphere	0.488782989			Brain_Cerebellum	12.81599335		
	0.000100788	12.81599335	-1.21644744	-0.692245788			-1.044650124	
	0.134024222	1	0	0.997319833				
LINC00326	ENSG00000231023.6	0.292978014	4	2	0.248313229			
	Brain_Spinal_cord_cervical_c-1	0.555068416						
	Brain_Anterior_cingulate_cortex_BA24	2.985819673			0.000656614			
	0.928629927	0.590182332	1.154456095	0.869943202			0.269089436	
	2	0	0.997319833					
ASXL3	ENSG00000141431.10	0.292982014	1	1	0.292982014			Brain_Cerebellum
	0.292982014	Brain_Cerebellum	1	1	1.051602382		1.051602382	
	1.051602382	NA	1	0	0.997319833			
ANKRD65	ENSG00000235098.8	0.293169473	13	7	0.00593631			Brain_Cortex
	0.935021099	Brain_Hypothalamus	8.136996408	0.007160242				
	0.424296288	0.081529206	2.75127876	1.66047555	0.827189159		7	0
	0.997319833							
TMEM59L	ENSG00000105696.8	0.293233939	4	4	0.103529415			
	Brain_Nucleus_accumbens_basal_ganglia	0.705952227			Brain_Caudate_basal_ganglia			
	1.361868361	0.698812124	0.698812124	-1.627978639			0.377297908	
	-0.76937651	0.848476979	4	0	0.997319833			
NME9	ENSG00000181322.13	0.293289792	7	7	0.011572645			
	Brain_Caudate_basal_ganglia	0.832954017			Brain_Spinal_cord_cervical_c-1			
	3.966230288	0.143939665	0.143939665	-2.524914479			0.210914465	
	-1.317553759	0.972008647	7	0	0.997319833			
ALG11	ENSG00000253710.2	0.293325692	1	1	0.293325692			Brain_Cerebellum
	0.293325692	Brain_Cerebellum	1	1	-1.05085391		-1.05085391	
	-1.05085391	NA	1	0	0.997319833			
KLKB1	ENSG00000164344.15	0.293359888	11	3	0.052358979			
	Brain_Substantia_nigra	0.295319559			Brain_Hippocampus		8.840742547	
	0.007538113	0.511521747	1.046523158	1.940170449			1.404314524	
	0.33524881	3	0	0.997319833				
CTD-2561B21.10	ENSG00000262098.1	0.293418497	2	2	0.295116234			
	Brain_Putamen_basal_ganglia	0.314971744			Brain_Caudate_basal_ganglia			
	1.141370613	0.858629387	0.858629387	-1.046963887			1.004844476	
	-0.021059706	1.450847608	2	0	0.997319833			
PANX2	ENSG00000073150.13	0.293611118	1	1	0.293611118			
	Brain_Frontal_Cortex_BA9	0.293611118			Brain_Frontal_Cortex_BA9	1	1	
	1	-1.050232746	-1.050232746	-1.050232746	NA	1	0	
	0.997319833							
RP11-424M24.5	ENSG00000262890.1	0.293631951	1	1	0.293631951			
	Brain_Amygdala	0.293631951			Brain_Amygdala	1	1	1
	1.050187422	1.050187422	NA	1	0	0.997319833		1.050187422
SLC25A30	ENSG00000174032.16	0.293638856	3	3	0.20483275			
	Brain_Caudate_basal_ganglia	0.474207674			Brain_Hippocampus		1.137033692	
	0.881389302	0.881389302	-1.26790256	1.239233709			-0.248106185	
	1.31733852	3	0	0.997319833				
RAPGEF1	ENSG00000107263.18	0.293693094	2	2	0.571238257			
	Brain_Cerebellum	0.890106949			Brain_Cerebellar_Hemisphere	1.896721932		
	0.103278068	0.103278068	-0.138168881	0.566228796			0.214029958	
	0.498084374	2	0	0.997319833				
PREX1	ENSG00000124126.13	0.293736274	3	3	0.098391204			

	Brain_Nucleus_accumbens_basal_ganglia	0.456481625			Brain_Cerebellum			
	1.914116599	0.088921031	0.088921031	-0.962039544	1.652703587			
	-0.01799626	1.450945461	3	0	0.997319833			
C19orf67	ENSG00000188032.9	0.293797403	1	1	0.293797403			
	Brain_Hypothalamus	0.293797403	Brain_Hypothalamus	1	1	1		
	-1.049827556	-1.049827556	-1.049827556	NA	1	0	0.997319833	
TECRL	ENSG00000205678.7	0.293803828	1	1	0.293803828			
	Brain_Hypothalamus	0.293803828	Brain_Hypothalamus	1	1	1		
	-1.049813585	-1.049813585	-1.049813585	NA	1	0	0.997319833	
ACTR3B	ENSG00000133627.17	0.293822822	1	1	0.293822822			
	Brain_Caudate_basal_ganglia	0.293822822	Brain_Caudate_basal_ganglia	1	1	1		
	1	1.049772281	1.049772281	1.049772281	NA	1	0	0.997319833
AC005224.2	ENSG00000231595.1	0.293893927	1	1	0.293893927			
	Brain_Spinal_cord_cervical_c-1	0.293893927	Brain_Spinal_cord_cervical_c-1	1	1	1		
	1	1	1.049617676	1.049617676	1.049617676	NA	1	0
	0.997319833							
GNS	ENSG00000135677.10	0.293903958	1	1	0.293903958			
	Brain_Spinal_cord_cervical_c-1	0.293903958	Brain_Spinal_cord_cervical_c-1	1	1	1		
	1	1	1.049595867	1.049595867	1.049595867	NA	1	0
	0.997319833							
SIRPB1	ENSG00000101307.15	0.294054784	13	2	0.48364558			
	Brain_Substantia_nigra	0.971342617	Brain_Hippocampus	12.43188409				
	4.31E-05	0.474496595	-0.177818243	0.700451186	0.104619101			
	0.313078225	2	0	0.997319833				
LIG4	ENSG00000174405.13	0.294102966	4	3	0.090214228			
	Brain_Hippocampus	0.55021813	Brain_Cerebellum	3.248956806	0.073824647			
	0.123922125	0.597433295	1.694268738	1.032720091	0.470669051			
	3	0	0.997319833					
ZNF814	ENSG00000204514.9	0.294152996	10	3	0.033881731			
	Brain_Spinal_cord_cervical_c-1	0.959511612						
	Brain_Anterior_cingulate_cortex_BA24	8.363561561			0.013844396			
	0.333784459	0.050766467	2.121476406	1.248611259	0.677730351			
	3	0	0.997319833					
CCDC88B	ENSG00000168071.21	0.294156509	7	3	0.188251008			
	Brain_Frontal_Cortex_BA9	0.89529206	Brain_Putamen_basal_ganglia	5.803259489				
	0.00370512	0.3710505	-1.315770725	0.504448183	-0.610574285			
	0.624859643	3	0	0.997319833				
DVL1	ENSG00000107404.19	0.294183069	1	1	0.294183069			
	Brain_Spinal_cord_cervical_c-1	0.294183069	Brain_Spinal_cord_cervical_c-1	1	1	1		
	1	1	1.048989244	1.048989244	1.048989244	NA	1	0
	0.997319833							
C19orf35	ENSG00000188305.5	0.294354992	1	1	0.294354992			
	Brain_Hypothalamus	0.294354992	Brain_Hypothalamus	1	1	1		
	-1.048615776	-1.048615776	-1.048615776	NA	1	0	0.997319833	
SMC6	ENSG00000163029.15	0.294358374	3	3	0.06799178	Brain_Amygdala		
	0.624081321	Brain_Cerebellum	1.881948115	0.118835888	0.118835888			
	0.490074303	1.825061298	0.969126502	0.743019473	3	0		
	0.997319833							
C1orf194	ENSG00000179902.12	0.29444545	9	3	0.042737388			
	Brain_Caudate_basal_ganglia	0.705197535	Brain_Anterior_cingulate_cortex_BA24					
	7.254225782	0.017998848	0.315984454	0.378313746	2.026267421			
	1.363165201	0.484121964	3	0	0.997319833			
RCE1	ENSG00000173653.7	0.294477686	1	1	0.294477686			
	Brain_Cerebellar_Hemisphere	0.294477686	Brain_Cerebellar_Hemisphere	1	1			
	1	1.048349337	1.048349337	1.048349337	NA	1	0	0.997319833
	0.997319833							
RAC1	ENSG00000136238.17	0.294575996	10	7	0.038053568	Brain_Cortex		
	0.951764906	Brain_Spinal_cord_cervical_c-1	6.149873384	0.03118222				
	0.319588028	0.060490596	2.074277267	1.227125653	0.670628979			
	7	0	0.997319833					
USP45	ENSG00000123552.17	0.29495143	2	2	0.317016719			

	Brain_Caudate_basal_ganglia	0.684222686		Brain_Nucleus_accumbens_basal_ganglia			
	1.57497671	0.42502329	0.42502329	-1.000607259	0.406707698		-0.296949781
	0.995121949	2	0	0.997319833			
TLR9	ENSG00000239732.3	0.294991074	3	3	0.082701891		
	Brain_Cerebellar_Hemisphere	0.45389703	Brain_Amygdala	2.101577507			
	0.130769769	0.130769769	0.748933928	1.735219743			1.186066154
	0.502594784	3	0	0.997319833			
GBA	ENSG00000177628.15	0.294999008	2	2	0.161909363		
	Brain_Nucleus_accumbens_basal_ganglia	0.584682488	Brain_Cerebellum				
	1.104551273	0.895448727	0.895448727	-0.546557916			1.398678672
	0.426060378	1.375489983	2	0	0.997319833		
COLEC11	ENSG00000118004.17	0.295237229	13	13	0.061947991		
	Brain_Amygdala	0.979216575	Brain_Nucleus_accumbens_basal_ganglia				
	2.952990297	0.163676754	0.163676754	-1.733238908			1.866667812
	0.071167465	1.006317149	13	0	0.997319833		
RP11-357P18.2	ENSG00000274245.1	0.295245993	1	1	0.295245993		
	Brain_Hypothalamus	0.295245993	Brain_Hypothalamus	1	1	1	
	-1.046682596	-1.046682596	-1.046682596	NA	1	0	0.997319833
C6orf89	ENSG00000198663.16	0.295254302	6	5	0.181952408		
	Brain_Hippocampus	0.502427133	Brain_Putamen_basal_ganglia	3.082285946			
	0.002085501	0.138721842	-1.334767638	1.122393187			-0.352940847
	0.997928103	5	0	0.997319833			
CTBP1	ENSG00000159692.15	0.295373241	3	3	0.069448799		
	Brain_Spinal_cord_cervical_c-1	0.758682353	Brain_Cerebellum	1.273161241			
	0.725719788	0.725719788	-0.500620187	1.815488976			0.540693447
	1.175574651	3	0	0.997319833			
EPB41L4A-AS1	ENSG00000224032.6	0.295380466	1	1	0.295380466		
	Brain_Cortex	0.295380466	Brain_Cortex	1	1	1	-1.046391174
	-1.046391174	-1.046391174	NA	1	0	0.997319833	
CYMP-AS1	ENSG00000235407.1	0.29540574	1	1	0.29540574	Brain_Cerebellum	
	0.29540574	Brain_Cerebellum	1	1	-1.046336411	-1.046336411	
	-1.046336411	NA	1	0	0.997319833		
GRAMD2	ENSG00000175318.11	0.29551396	4	4	0.042136705	Brain_Cortex	
	0.787781891	Brain_Cerebellum	1.36568505	0.636824563	0.636824563		
	-0.269192058	2.032167472	0.789177811	0.988728026		4	0
	0.997319833						
PSMG4	ENSG00000180822.11	0.295616827	10	1	0.211176897		
	Brain_Cerebellar_Hemisphere	0.479733215	Brain_Hippocampus	9.483297277			
	0.001611009	9.483297277	-1.250335826	-0.706731718			-1.01612507
	0.142419256	1	0	0.997319833			
ZBTB24	ENSG00000112365.4	0.295717321	2	2	0.142277966		
	Brain_Hippocampus	0.482392671	Brain_Nucleus_accumbens_basal_ganglia				
	1.118379025	0.881620975	0.881620975	-1.467360675			-0.702459467
	-1.084910071	0.540866831	2	0	0.997319833		
PSMD13	ENSG00000185627.17	0.295728968	13	2	0.123515261		
	Brain_Substantia_nigra	0.980361586	Brain_Hippocampus	11.55674			
	1.48E-16	0.879803923	-1.540185017	0.111006328			-0.442942891
	0.412487407	2	0	0.997319833			
GUCA1A	ENSG00000048545.13	0.295754875	4	4	0.293505365		
	Brain_Hypothalamus	0.933345289	Brain_Cerebellum	2.457383149			
	0.216369172	0.216369172	-1.050462844	0.083636697			-0.67088727
	0.528646021	4	0	0.997319833			
FAM129A	ENSG00000135842.16	0.295763256	1	1	0.295763256		
	Brain_Putamen_basal_ganglia	0.295763256	Brain_Putamen_basal_ganglia	1	1		
	1	1.045562098	1.045562098	1.045562098	NA	1	0
	0.997319833						
HIST1H4C	ENSG00000197061.4	0.295847259	1	1	0.295847259		
	Brain_Anterior_cingulate_cortex_BA24	0.295847259					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.045380255		
	1.045380255	1.045380255	NA	1	0	0.997319833	
CYBA	ENSG00000051523.10	0.295866229	4	4	0.249990394		
	Brain_Putamen_basal_ganglia	0.418088887	Brain_Nucleus_accumbens_basal_ganglia				

	1.28074755	0.780614486	0.780614486	-1.150372714	1.059428573				
	0.430100659	1.059039578	4	0	0.997319833				
CTC-498J12.1	ENSG00000250237.1	0.295893323	1	1	0.295893323				
	Brain_Substantia_nigra	0.295893323	Brain_Substantia_nigra	1	1				
	1	1.045280554	1.045280554	1.045280554	NA	1	0		
	0.997319833								
MSH4	ENSG00000057468.6	0.295943546	13	3	0.075236944				
	Brain_Hippocampus	0.958862654	Brain_Substantia_nigra	10.33447738					
	0.0157946	0.759259124	-1.779017189	-0.051580881	-1.241380613				
	0.47290589	3	0	0.997319833					
SULT2B1	ENSG00000088002.11	0.295974837	6	6	0.080724134				
	Brain_Anterior_cingulate_cortex_BA24	0.988671786	Brain_Amygdala	2.8172652					
	0.152542342	0.152542342	-0.351286356	1.746499847	0.479880922				
	0.863075186	6	0	0.997319833					
CTD-3088G3.8	ENSG00000188897.8	0.296012742	6	6	0.012898681				
	Brain_Cerebellum	0.80144556	Brain_Nucleus_accumbens_basal_ganglia	2.385947426					
	0.165908625	0.165908625	-0.776965365	2.486554497	0.375292021				
	1.155815914	6	0	0.997319833					
POLR2F	ENSG00000100142.14	0.296146847	2	2	0.182902274				
	Brain_Hypothalamus	0.559293585	Brain_Cerebellum	1.163342431					
	0.836657569	0.836657569	-0.583891095	1.331871937	0.373990421				
	1.354649031	2	0	0.997319833					
LGI4	ENSG00000153902.13	0.296160726	1	1	0.296160726				
	Brain_Spinal_cord_cervical_c-1	0.296160726	Brain_Spinal_cord_cervical_c-1						
	1	1	1	1.044701988	1.044701988	1.044701988	NA	1	0
	0.997319833								
AEBP2	ENSG00000139154.14	0.296207961	1	1	0.296207961				
	Brain_Anterior_cingulate_cortex_BA24	0.296207961							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.044599824				
	-1.044599824	-1.044599824	NA	1	0	0.997319833			
NME2	ENSG00000243678.11	0.296251964	12	4	0.021720781				
	Brain_Putamen_basal_ganglia	0.190952648	Brain_Substantia_nigra						
	9.871776829	0.000210281	0.350128172	-2.295215444	-1.307766122				
	-1.84974915	0.234293695	4	0	0.997319833				
AC069513.4	ENSG00000229178.1	0.296519246	13	1	0.180822178				
	Brain_Hypothalamus	0.533949196	Brain_Cerebellar_Hemisphere	12.41687914					
	0.001303049	12.41687914	-1.338227836	-0.621988855	-1.01725618				
	0.23525862	1	0	0.9973828					
SKIV2L	ENSG00000204351.11	0.296701889	12	4	0.02060559				
	Brain_Cerebellar_Hemisphere	0.354034607	Brain_Spinal_cord_cervical_c-1						
	9.657162964	0.001871761	0.423632569	-2.315134176	-0.926791869				
	-1.828523049	0.470782807	4	0	0.9973828				
PPP2R1A	ENSG00000105568.17	0.296710339	1	1	0.296710339				
	Brain_Anterior_cingulate_cortex_BA24	0.296710339							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.043513916				
	-1.043513916	-1.043513916	NA	1	0	0.9973828			
RAP1B	ENSG00000127314.17	0.296770685	2	2	0.162399641				
	Brain_Substantia_nigra	0.423109719	Brain_Hypothalamus	1.080164673					
	0.919835327	0.919835327	-1.397046325	0.801037876	-0.298004224				
	1.554280244	2	0	0.9973828					
ZNF524	ENSG00000171443.6	0.296792661	1	1	0.296792661				
	Brain_Cerebellar_Hemisphere	0.296792661	Brain_Cerebellar_Hemisphere	1	1				
	1	1.043336092	1.043336092	1.043336092	NA	1	0	0.9973828	
LRRC8D	ENSG00000171492.14	0.296895063	2	2	0.245943928				
	Brain_Cortex	0.341137872	Brain_Caudate_basal_ganglia	1.073861028					
	0.926138972	0.926138972	-1.160257634	-0.951919377	-1.056088505				
	0.147317394	2	0	0.9973828					
ARMC1	ENSG00000104442.9	0.29690579	13	2	0.160658721	Brain_Hippocampus			
	0.85865017	Brain_Hypothalamus	11.76085747	0.004070798	0.467752493				
	-1.402859564	0.178092707	-0.995583932	0.415778577	2	0			
	0.9973828								
ATP5S	ENSG00000125375.14	0.296910032	4	4	0.349163703				

	Brain_Caudate_basal_ganglia	0.998441058		Brain_Frontal_Cortex_BA9		
	3.143229955	0.12141028	0.12141028	-0.936212666	0.751112479	
	-0.123575355	0.700948266	4	0	0.9973828	
PPIC	ENSG00000168938.5	0.296912255	2	2	0.284648647	Brain_Amygdala
	0.290249529	Brain_Frontal_Cortex_BA9		1.068113465	0.931886535	
	0.931886535	1.057574377	1.069934823	1.0637546	0.008740155	2
	0	0.9973828				
LINC02033	ENSG00000279727.1	0.297334726	1	1	0.297334726	
	Brain_Cerebellum	0.297334726	Brain_Cerebellum	1	1	-1.042165995
	-1.042165995	-1.042165995	NA	1	0	0.997539919
CTD-2145A24.5	ENSG00000265478.2	0.297488696	4	4	0.244934124	
	Brain_Nucleus_accumbens_basal_ganglia	0.496260343		Brain_Hypothalamus		
	2.084425054	0.445551768	0.445551768	-1.162742177	0.977622688	
	-0.039095273	1.043612812	4	0	0.997539919	
GNG4	ENSG00000168243.10	0.297652746	2	2	0.24695895	
	Brain_Spinal_cord_cervical_c-1	0.341240516		Brain_Cortex	1.074435541	
	0.925564459	0.925564459	-0.951717019	1.157767449	0.103025215	
	1.491630773	2	0	0.997539919		
SEL1L2	ENSG00000101251.11	0.29777374	2	2	0.198034621	
	Brain_Nucleus_accumbens_basal_ganglia	0.808076625		Brain_Caudate_basal_ganglia		
	1.684450472	0.315549528	0.315549528	-1.287171205	-0.242908056	
	-0.76503963	0.738405554	2	0	0.997539919	
PRELID3B	ENSG00000101166.15	0.297827948	3	3	0.170934476	
	Brain_Hippocampus	0.955267563		Brain_Substantia_nigra	2.201070626	
	0.127036495	0.127036495	-1.369207328	-0.056093198	-0.753772036	
	0.660409101	3	0	0.997539919		
ATAD5	ENSG00000176208.8	0.297863803	4	2	0.165780865	
	Brain_Nucleus_accumbens_basal_ganglia	0.532433302		Brain_Hippocampus		
	3.71775102	0.016196219	0.171283965	-1.385888788	-0.62429586	
	-0.963511706	0.328887061	2	0	0.997539919	
RP11-418H16.1	ENSG00000281920.1	0.29788626	7	7	0.081332736	
	Brain_Cerebellar_Hemisphere	0.951312357		Brain_Frontal_Cortex_BA9		
	3.830698839	0.204387105	0.204387105	-1.74300503	1.373812409	
	-0.14773858	0.937703522	7	0	0.997539919	
PSMD4	ENSG00000159352.15	0.29792418	8	6	0.078644419	
	Brain_Nucleus_accumbens_basal_ganglia	0.921712288		Brain_Cerebellum		
	5.515714681	0.116025701	0.19567784	0.098277067	1.7586062	
	0.891621365	0.645051061	6	0	0.997539919	
CPNE2	ENSG00000140848.16	0.297930024	4	4	0.103710057	
	Brain_Cerebellar_Hemisphere	0.973672819		Brain_Putamen_basal_ganglia		
	1.892290823	0.164566949	0.164566949	-1.627127332	0.033002218	
	-0.623870121	0.711060123	4	0	0.997539919	
USP54	ENSG00000166348.18	0.297932758	1	1	0.297932758	Brain_Amygdala
	0.297932758	Brain_Amygdala	1	1	1	-1.040876741
	-1.040876741	NA	1	0	0.997539919	-1.040876741
COA4	ENSG00000181924.6	0.297967634	1	1	0.297967634	
	Brain_Putamen_basal_ganglia	0.297967634		Brain_Putamen_basal_ganglia	1	1
	1	1.040801608	1.040801608	1.040801608	NA	1
	0.997539919				0	
RASAL2-AS1	ENSG00000224687.1	0.298101576	2	2	0.126456735	
	Brain_Nucleus_accumbens_basal_ganglia	0.884598172		Brain_Cortex		
	1.278392403	0.721607597	0.721607597	-1.528224794	-0.145142742	
	-0.836683768	0.977986698	2	0	0.997539919	
AF067845.1	ENSG00000260721.1	0.29811535	2	2	0.142422193	Brain_Cortex
	0.547275633	Brain_Frontal_Cortex_BA9		1.057326802	0.942673198	
	0.942673198	-1.466830417	-0.601847531	-1.034338974	0.611635264	
	2	0	0.997539919			
GOLGB1	ENSG00000173230.15	0.298156864	1	1	0.298156864	
	Brain_Caudate_basal_ganglia	0.298156864		Brain_Caudate_basal_ganglia	1	1
	1	-1.040394052	-1.040394052	-1.040394052	NA	1
	0.997539919				0	
NAV2	ENSG00000166833.19	0.298223177	1	1	0.298223177	

	Brain_Anterior_cingulate_cortex_BA24	0.298223177						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.040251271			
	-1.040251271	-1.040251271	NA	1	0	0.997539919		
C20orf202	ENSG00000215595.1	0.298311066		2	2	0.153869406		
	Brain_Amygdala	0.757775144					Brain_Caudate_basal_ganglia	1.209610279
	0.790389721	0.790389721				-1.425996315	0.30840373	-0.558796292
	1.226406033	2	0			0.997539919		
RP3-393E18.2	ENSG00000237927.1	0.298659932		2	2	0.133554722		
	Brain_Frontal_Cortex_BA9	0.626105588					Brain_Putamen_basal_ganglia	
	1.053399127	0.946600873	0.946600873			0.487215549	1.500230434	
	0.993722991	0.716309695	2	0		0.997539919		
CYB561	ENSG00000008283.15	0.298679216		11	4	0.06019354	Brain_Amygdala	
	0.183341493	Brain_Cerebellum	8.674602296			0.001652429	0.432786588	
	-1.879373294	-1.330536729	-1.600131806			0.152600399	4	0
	0.997539919							
GNAT1	ENSG00000114349.9	0.298706122		1	1	0.298706122		
	Brain_Hippocampus	0.298706122					Brain_Hippocampus	1 1 1
	1.039212062	1.039212062	1.039212062			NA	1	0
WDR20	ENSG00000140153.17	0.2988101	1	1	0.2988101		Brain_Cortex	0.2988101
	Brain_Cortex	1	1	1	-1.038988468	-1.038988468	-1.038988468	
	NA	1	0			0.997539919		
NMBR	ENSG00000135577.4	0.298863659		1	1	0.298863659		
	Brain_Substantia_nigra	0.298863659					Brain_Substantia_nigra	1 1
	1	-1.038873315	-1.038873315			-1.038873315	NA	1 0
	0.997539919							
DNAJB14	ENSG00000164031.16	0.298929308		7	6	0.047211581		
	Brain_Substantia_nigra	0.993228678					Brain_Caudate_basal_ganglia	
	3.825127672	0.050160697	0.252161948			-1.494203127	1.984397176	
	-0.192378223	1.169411145	6	0		0.997539919		
PCGF1	ENSG00000115289.13	0.299113737		1	1	0.299113737	Brain_Cortex	
	0.299113737	Brain_Cortex	1	1	1	1.038335823	1.038335823	
	1.038335823	NA	1	0		0.997539919		
TXNL4B	ENSG00000140830.8	0.299200076		9	6	0.13004414		
	Brain_Caudate_basal_ganglia	0.992989646					Brain_Frontal_Cortex_BA9	
	4.805500075	0.062799395	0.223182828			-1.416500242	1.51392785	
	-0.171758355	0.895711377	6	0		0.997539919		
OSTM1-AS1	ENSG00000225174.1	0.299215091		2	2	0.167686212		
	Brain_Anterior_cingulate_cortex_BA24	0.41451668					Brain_Caudate_basal_ganglia	
	1.075444322	0.924555678	0.924555678			-1.379676694	-0.815971074	
	-1.097823884	0.398600066	2	0		0.997539919		
RTN2	ENSG00000125744.11	0.299246122		1	1	0.299246122	Brain_Cerebellum	
	0.299246122	Brain_Cerebellum	1	1	1	-1.038051409	-1.038051409	
	-1.038051409	NA	1	0		0.997539919		
IVL	ENSG00000163207.6	0.29927968	2	2	0.183869813		Brain_Cerebellum	
	0.530648265	Brain_Substantia_nigra	1.128303044			0.871696956		
	0.871696956	-1.328933794	0.627016736			-0.350958529	1.383065884	
	2	0	0.997539919					
SH3BGR	ENSG00000185437.13	0.299420492		7	5	0.062558671		
	Brain_Hippocampus	0.492842983					Brain_Frontal_Cortex_BA9	4.2099157
	0.040275294	0.196528529	-0.750936087			1.862315222	1.059662146	
	0.906821521	5	0			0.997539919		
MASP1	ENSG00000127241.16	0.299702588		3	3	0.05833498		
	Brain_Caudate_basal_ganglia	0.788243325					Brain_Nucleus_accumbens_basal_ganglia	
	1.472275676	0.66669627	0.66669627			0.268592447	1.893172149	
	0.893502542	0.874727569	3	0		0.997539919		
TBCD	ENSG00000141556.20	0.299759481		6	5	0.090949824		
	Brain_Hypothalamus	0.977794752					Brain_Cerebellar_Hemisphere	3.20894874
	0.049924639	0.164015234	-1.690408531			0.268142477	-0.432097698	
	0.70409062	5	0			0.997539919		
RP1-232L24.3	ENSG00000231533.1	0.299779752		6	6	0.061339481		
	Brain_Nucleus_accumbens_basal_ganglia	0.949206381					Brain_Frontal_Cortex_BA9	
	3.467921593	0.17260317	0.17260317			-1.6631984	1.871040406	0.285846887

	1.219867479	6	0	0.997539919					
AKR7A3	ENSG00000162482.4			0.299808855	3	3	0.062800689		
	Brain_Substantia_nigra			0.907174616		Brain_Cortex	1.351091087		
	0.758454513	0.758454513		-0.116603056		1.860599971	0.784735219		
	1.000088782	3	0	0.997539919					
SLC25A40	ENSG00000075303.12			0.299871515	1	1	0.299871515		
	Brain_Cerebellum	0.299871515		Brain_Cerebellum1	1	1	1.03670896		
	1.03670896	1.03670896	NA	1	0	0.997539919			
RP11-432J3.4	ENSG00000279797.1			0.299881572	1	1	0.299881572		
	Brain_Nucleus_accumbens_basal_ganglia			0.299881572					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1	1.036687388			
	1.036687388	1.036687388	NA	1	0	0.997539919			
TRAF3	ENSG00000131323.14			0.299903878	4	4	0.146165179	Brain_Cerebellum	
	0.571102928	Brain_Hypothalamus		1.993291657		0.205004418			
	0.205004418	-0.842038026		1.453211	0.633325244	1.060693187		4	
	0	0.997539919							
GPR12	ENSG00000132975.7			0.299935092	3	3	0.161129108		
	Brain_Putamen_basal_ganglia	0.763039274		Brain_Cerebellum1	1.847676581				
	0.2822032	0.2822032	-1.401284186	0.301492098		-0.578400319			
	0.852818416	3	0	0.997539919					
FIG4	ENSG00000112367.10			0.299984443	1	1	0.299984443		
	Brain_Putamen_basal_ganglia	0.299984443		Brain_Putamen_basal_ganglia	1	1			
	1	-1.036466752	-1.036466752	-1.036466752	NA	1	0		
	0.997539919								
MLKL	ENSG00000168404.12			0.300013267	4	4	0.101163936		
	Brain_Spinal_cord_cervical_c-1	0.764258003		Brain_Cortex	1.532262281				
	0.463385679	0.463385679	-1.63923688	-0.299894011		-0.941511536			
	0.597846685	4	0	0.997539919					
TSTD1	ENSG00000215845.10			0.300122816	11	8	0.009885702		
	Brain_Frontal_Cortex_BA9	0.95058371	Brain_Hypothalamus	5.312486123					
	0.019751221	0.187760829	-2.579801861	-0.061973783		-1.028425458			
	0.676903065	8	0	0.997539919					
FLT4	ENSG00000037280.15			0.300146537	4	3	0.226347262		
	Brain_Caudate_basal_ganglia	0.458884598		Brain_Putamen_basal_ganglia					
	2.041874568	0.057904123	0.844505599	-0.954018295	1.209821845				
	0.112856969	1.117759912	3	0	0.997539919				
RUVBL2	ENSG00000183207.13			0.300164901	12	3	0.066699916		
	Brain_Cerebellum	0.736151426		Brain_Hippocampus	9.838358788				
	0.001565852	0.502285489	0.3369542	1.833690725	1.454442951				
	0.451786934	3	0	0.997539919					
DTX4	ENSG00000110042.7			0.30017075	6	5	0.132906465		
	Brain_Caudate_basal_ganglia	0.844077732		Brain_Frontal_Cortex_BA9	3.43917375				
	0.114092734	0.238054721	-1.5027386	1.035380747	-0.391652873				
	0.829036987	5	0	0.997539919					
RPN1	ENSG00000163902.11			0.300309055	4	4	0.18518508	Brain_Hippocampus	
	0.962110057	Brain_Spinal_cord_cervical_c-1		2.045062681	0.394814761				
	0.394814761	-0.475916688	1.324958006	0.519560407	0.919143407				
	4	0	0.997539919						
KRT72	ENSG00000170486.10			0.30034072	1	1	0.30034072	Brain_Cerebellum	0.30034072
	Brain_Cerebellum	1	1	-1.035703005	-1.035703005	-1.035703005			
	NA	1	0	0.997539919					
GPR37	ENSG00000170775.2			0.300502547	1	1	0.300502547	Brain_Cortex	
	0.300502547	Brain_Cortex	1	1	1	1.035356299	1.035356299		
	1.035356299	NA	1	0	0.997539919				
RCAN1	ENSG00000159200.17			0.300503348	4	4	0.083910926		
	Brain_Putamen_basal_ganglia	0.389832941		Brain_Hippocampus	1.976496139				
	0.285561245	0.285561245	-1.728431309	1.447888131	-0.021358627				
	1.520370499	4	0	0.997539919					
MPP7	ENSG00000150054.18			0.300646018	3	3	0.160251895	Brain_Cortex	
	0.928794467	Brain_Cerebellar_Hemisphere	1.772511307	0.343695437					
	0.343695437	-0.089361692	1.404224881	0.73975797	0.760284887			3	
	0	0.997539919							

SMCO3	ENSG00000179256.2	0.300770237	2	2	0.269325549	Brain_Cerebellum
	0.276876411	Brain_Caudate_basal_ganglia	1.000116576	0.999883424		
	0.999883424	-1.104617074	-1.087363011	-1.095990043	0.012200465	
	2	0	0.997539919			
LCN10	ENSG00000187922.13	0.300936729	2	2	0.127798051	Brain_Cerebellum
	0.346721231	Brain_Cerebellar_Hemisphere	1.74404316	0.25595684	0.25595684	
	0.940968053	1.522842752	1.231905402	0.411447546	2	0
	0.997539919					
GIN1	ENSG00000145723.16	0.301102266	1	1	0.301102266	Brain_Cerebellum
	0.301102266	Brain_Cerebellum	1	1	-1.034072511	-1.034072511
	-1.034072511	NA	1	0	0.997539919	
TMEM2	ENSG00000135048.13	0.301179386	1	1	0.301179386	
	Brain_Caudate_basal_ganglia	0.301179386	Brain_Caudate_basal_ganglia	1	1	
	1	1.033907549	1.033907549	1.033907549	NA	1
	0.997539919					
SPG21	ENSG00000090487.10	0.301391382	13	2	0.181317136	
	Brain_Spinal_cord_cervical_c-1	0.509408416	Brain_Amygdala	10.86303468		
	0.000344981	1.1405768	-1.246823546	1.336710552	0.901210184	
	0.668618787	2	0	0.997539919		
DUSP2	ENSG00000158050.4	0.301397804	2	2	0.143714323	
	Brain_Cerebellar_Hemisphere	0.794613044	Brain_Putamen_basal_ganglia			
	1.166439639	0.833560361	0.833560361	-1.462098122	-0.260325059	
	-0.861211591	0.849781882	2	0	0.997539919	
OSBPL6	ENSG00000079156.16	0.301455801	4	4	0.073734339	
	Brain_Putamen_basal_ganglia	0.560834714	Brain_Nucleus_accumbens_basal_ganglia			
	1.467681536	0.586805536	0.586805536	-1.788258335	0.758248728	
	-0.592432957	1.04593003	4	0	0.997539919	
DEPTOR	ENSG00000155792.9	0.301496643	3	3	0.309272835	
	Brain_Cerebellum	0.873507469	Brain_Cerebellar_Hemisphere	2.135852635		
	0.32967834	0.32967834	-1.01674903	-0.159204868	-0.66795746	
	0.450595322	3	0	0.997539919		
FAM126B	ENSG00000155744.9	0.301539083	2	2	0.122425491	
	Brain_Nucleus_accumbens_basal_ganglia	0.659818911	Brain_Cerebellar_Hemisphere			
	1.216598178	0.783401822	0.783401822	0.440163199	1.544672535	
	0.992417867	0.781006041	2	0	0.997539919	
SYT7	ENSG00000011347.9	0.30164242	2	2	0.181747174	Brain_Cerebellum
	0.604765288	Brain_Cerebellar_Hemisphere	1.765233496	0.234766504		
	0.234766504	-1.335394774	-0.517560012	-0.926477393	0.578296506	
	2	0	0.997539919			
EDC4	ENSG00000038358.14	0.301722104	1	1	0.301722104	
	Brain_Spinal_cord_cervical_c-1	0.301722104	Brain_Spinal_cord_cervical_c-1			
	1	1	1	-1.032747445	-1.032747445	NA
	0.997539919					
UBAP1	ENSG00000165006.13	0.301806751	4	4	0.263876106	
	Brain_Spinal_cord_cervical_c-1	0.42042983	Brain_Nucleus_accumbens_basal_ganglia			
	2.573347496	0.221292249	0.221292249	-1.117276534	0.973778929	
	0.385956267	1.0045095	4	0	0.997539919	
BCL2A1	ENSG00000140379.7	0.301904905	2	2	0.121730616	
	Brain_Nucleus_accumbens_basal_ganglia	0.89235847	Brain_Caudate_basal_ganglia			
	1.099885724	0.900114276	0.900114276	-1.547550255	-0.13532051	
	-0.841435383	0.99859723	2	0	0.997539919	
C16orf71	ENSG00000166246.13	0.301949782	1	1	0.301949782	
	Brain_Putamen_basal_ganglia	0.301949782	Brain_Putamen_basal_ganglia	1	1	
	1	1.032261179	1.032261179	1.032261179	NA	1
	0.997539919					
GTF3C5	ENSG00000148308.17	0.301950216	3	3	0.098488195	
	Brain_Cerebellum	0.665364644	Brain_Nucleus_accumbens_basal_ganglia			
	1.871185628	0.276202378	0.276202378	-1.652227439	-0.432518452	
	-0.866047736	0.682051495	3	0	0.997539919	
TNFRSF6B	ENSG00000243509.4	0.302015023	1	1	0.302015023	
	Brain_Cerebellum	0.302015023	Brain_Cerebellum	1	1	1
	-1.032121884	-1.032121884	NA	1	0	0.997539919

RP11-384P7.7	ENSG00000260947.1	0.30202136	13	1	0.188635134			
	Brain_Substantia_nigra	0.539679972				Brain_Caudate_basal_ganglia		
	12.07818056	0.000486183	12.07818056		-1.314627467		-0.613297007	
	-0.994941019	0.199321515	1	0	0.997539919			
LSM10	ENSG00000181817.5	0.30203367	5	5	0.107534368	Brain_Cerebellum		
	0.868933756	Brain_Caudate_basal_ganglia	1.276915522		0.78276065	0.78276065		
	-1.574357238	1.609375	0.363442685	1.231325444	5	0		
	0.997539919							
TMEM26	ENSG00000196932.11	0.302056732	7	3	0.072037728			
	Brain_Hippocampus	0.60764883	Brain_Frontal_Cortex_BA9	5.478605181				
	0.010691398	0.255912072	0.51343248	1.798879602	1.201583283			
	0.403698168	3	0	0.997539919				
SPATA24	ENSG00000170469.10	0.302111211	1	1	0.302111211			
	Brain_Hippocampus	0.302111211	Brain_Hippocampus	1	1	1		
	-1.031916552	-1.031916552	-1.031916552	NA	1	0	0.997539919	
RP11-275H4.1	ENSG00000241231.1	0.30253831	7	7	0.051380702			
	Brain_Anterior_cingulate_cortex_BA24	0.859631973	Brain_Amygdala	1.49551576				
	0.633584611	0.633584611	-1.948286414	1.218824148	-0.512759205			
	1.02769574	7	0	0.997539919				
SULT1A1	ENSG00000196502.11	0.302618563	12	4	0.05711455			
	Brain_Cerebellar_Hemisphere	0.333158143	Brain_Frontal_Cortex_BA9					
	9.739133678	0.001721961	0.418202418	-1.902433153	-0.967772215			
	-1.271638531	0.29486149	4	0	0.997539919			
LRP1	ENSG00000123384.13	0.302664403	1	1	0.302664403			
	Brain_Hippocampus	0.302664403	Brain_Hippocampus	1	1	1		
	1.030736501	1.030736501	1.030736501	NA	1	0	0.997539919	
6-Mar	ENSG00000145495.15	0.302690647	1	1	0.302690647			
	Brain_Cerebellar_Hemisphere	0.302690647	Brain_Cerebellar_Hemisphere	1	1			
	1	-1.030680555	-1.030680555	-1.030680555	NA	1	0	
	0.997539919							
PRUNE2	ENSG00000106772.17	0.302749217	2	2	0.200889932			
	Brain_Cerebellar_Hemisphere	0.382599995	Brain_Cerebellum	1.930789588				
	0.069210412	0.069210412	0.873115741	1.279020232	1.076067986			
	0.287017818	2	0	0.997539919				
MACROD2	ENSG00000172264.16	0.302793366	1	1	0.302793366			
	Brain_Cerebellum	0.302793366	Brain_Cerebellum	1	1	1	1.030461606	
	1.030461606	1.030461606	NA	1	0	0.997539919		
SKA3	ENSG00000165480.15	0.302857612	2	2	0.126295191			
	Brain_Caudate_basal_ganglia	0.736138812	Brain_Hippocampus	1.07232638				
	0.92767362	0.92767362	-1.528875982	-0.336970933	-0.932923458			
	0.842804143	2	0	0.997539919				
DLGAP1	ENSG00000170579.16	0.303086622	1	1	0.303086622			
	Brain_Putamen_basal_ganglia	0.303086622	Brain_Putamen_basal_ganglia	1	1			
	1	1.029836801	1.029836801	1.029836801	NA	1	0	
	0.997539919							
TOR1AIP2	ENSG00000169905.12	0.303104622	1	1	0.303104622			
	Brain_Anterior_cingulate_cortex_BA24	0.303104622						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-1.029798463			
	-1.029798463	-1.029798463	NA	1	0	0.997539919		
C5orf49	ENSG00000215217.6	0.303120745	2	2	0.254592908			
	Brain_Caudate_basal_ganglia	0.272449826	Brain_Putamen_basal_ganglia					
	1.048229051	0.951770949	0.951770949	-1.139264362	-1.097438329			
	-1.118351346	0.029575472	2	0	0.997539919			
CRNKL1	ENSG00000101343.14	0.303248663	1	1	0.303248663			
	Brain_Cerebellar_Hemisphere	0.303248663	Brain_Cerebellar_Hemisphere	1	1			
	1	-1.029491732	-1.029491732	-1.029491732	NA	1	0	
	0.997539919							
LRR1	ENSG00000165501.16	0.303361728	1	1	0.303361728	Brain_Cortex		
	0.303361728	Brain_Cortex	1	1	1	1.02925103	1.02925103	1.02925103
	NA	1	0	0.997539919				
NPAP1	ENSG00000185823.3	0.303470457	4	4	0.367321792			
	Brain_Spinal_cord_cervical_c-1	0.725388082	Brain_Hippocampus					

	2.477478318	0.29783164	0.29783164	-0.568017889	0.901501397				
	0.150242934	0.719097534	4	0	0.997539919				
PARD6A	ENSG00000102981.9	0.303493577		1	1	0.303493577			
	Brain_Nucleus_accumbens_basal_ganglia	0.303493577							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.028970417				
	1.028970417	1.028970417	NA	1	0	0.997539919			
AC009404.2	ENSG00000236255.1	0.303541916		10	6	0.095539009			
	Brain_Anterior_cingulate_cortex_BA24	0.970384381				Brain_Putamen_basal_ganglia			
	6.668775896	0.016779898	0.268574644			-1.666876276	0.037126201		
	-0.820428282	0.510965194	6	0	0.997539919				
APBB1	ENSG00000166313.18	0.303552622		1	1	0.303552622		Brain_Cerebellum	
	0.303552622	Brain_Cerebellum1	1	1	1	-1.028844777		-1.028844777	
	-1.028844777	NA	1	0	0.997539919				
KCNH1	ENSG00000143473.12	0.303705151		2	2	0.162961168			
	Brain_Putamen_basal_ganglia	0.40568225	Brain_Spinal_cord_cervical_c-1						
	1.126025251	0.873974749	0.873974749			0.831515899	1.395181322		
	1.113348611	0.398571643	2	0	0.997539919				
HELB	ENSG00000127311.9	0.303715913		12	3	0.121767151			
	Brain_Nucleus_accumbens_basal_ganglia	0.964930871							
	Brain_Spinal_cord_cervical_c-1	10.3692722	0.00126799	0.467816451					
	-1.547398631	-0.043966797	-0.693122464	0.414476599	3	0			
	0.997539919								
TUBD1	ENSG00000108423.14	0.303780017		3	3	0.093809623			
	Brain_Nucleus_accumbens_basal_ganglia	0.741861795	Brain_Caudate_basal_ganglia						
	1.345943871	0.801397355	0.801397355			-1.675635438	-0.329388849		
	-1.054122163	0.679032953	3	0	0.997539919				
PSMD7	ENSG00000103035.10	0.303831176		1	1	0.303831176			
	Brain_Nucleus_accumbens_basal_ganglia	0.303831176							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.02825227	1.02825227			
	1.02825227	NA	1	0	0.997539919				
INPP5A	ENSG00000068383.18	0.30387239	3	3	0.09687205				
	Brain_Caudate_basal_ganglia	0.425819899	Brain_Spinal_cord_cervical_c-1						
	1.676651332	0.320245218	0.320245218			-1.660210814	0.796365028		
	-0.573173519	1.252416239	3	0	0.997539919				
RP11-862G15.2	ENSG00000258499.1	0.303992892		2	2	0.212591515			
	Brain_Cerebellum	0.330878997	Brain_Cerebellar_Hemisphere	1.051097684					
	0.948902316	0.948902316	-1.24647104	-0.972344893		-1.109407966			
	0.193836458	2	0	0.997539919					
SCFD2	ENSG00000184178.15	0.304086439		1	1	0.304086439			
	Brain_Hippocampus	0.304086439	Brain_Hippocampus	1	1	1			
	-1.027709624	-1.027709624	-1.027709624	NA	1	0	0.997539919		
LSMEM1	ENSG00000181016.9	0.304109062		10	2	0.434000536			
	Brain_Hippocampus	0.988086227	Brain_Frontal_Cortex_BA9	8.896033659					
	0.00244208	0.419910437	-0.782364252	0.532768317		0.000480484			
	0.448786152	2	0	0.997539919					
ACADS	ENSG00000122971.8	0.304188035		12	3	0.31862645			
	Brain_Spinal_cord_cervical_c-1	0.95928824	Brain_Caudate_basal_ganglia						
	10.20887142	0.014568831	0.391006586	-0.765880959		0.997284469			
	0.263228611	0.489624056	3	0	0.997539919				
INCENP	ENSG00000149503.12	0.304311976		1	1	0.304311976			
	Brain_Putamen_basal_ganglia	0.304311976	Brain_Putamen_basal_ganglia	1	1				
	1	-1.027230421	-1.027230421	-1.027230421	NA	1	0		
	0.997539919								
IRF3	ENSG00000126456.15	0.30436206	5	4	0.08664625	Brain_Cerebellum			
	0.436196702	Brain_Cerebellar_Hemisphere	3.847752166			0.033221708			
	0.155057765	0.778631696	1.713360438	1.285051023		0.46595969	4		
	0	0.997539919							
MCEE	ENSG00000124370.10	0.304391264		1	1	0.304391264		Brain_Cerebellum	
	0.304391264	Brain_Cerebellum	1	1	1	1.027062014	1.027062014		
	1.027062014	NA	1	0	0.997539919				
ZNF91	ENSG00000167232.13	0.304414064		4	4	0.095566687		Brain_Cortex	
	0.756707378	Brain_Amygdala	2.14482159	0.398962054		0.398962054			

	-1.666737127	-0.30980746	-1.009875044	0.554527342	4	0
	0.997539919					
PAX6	ENSG00000007372.21	0.30453225	1	1	0.30453225	Brain_Cerebellum 0.30453225
	Brain_Cerebellum1	1	1	1.02676263	1.02676263	1.02676263 NA 1 0
	0.997539919					
PRSS54	ENSG00000103023.11	0.304643164	3	3	0.371861469	
	Brain_Frontal_Cortex_BA9	0.8876097	Brain_Cortex	2.19394066	0.083234405	
	0.083234405	-0.892991978	0.341784985	-0.230845475	0.622236594	
	3	0	0.997539919			
CTD-2501M5.1	ENSG00000253507.5	0.304787873	8	4	0.145464504	
	Brain_Hypothalamus	0.82018867	Brain_Cerebellum	5.883143787	0.002852093	
	0.338397418	-1.029631531	1.455740015	-0.185763433	0.763906568	
	4	0	0.997539919			
RICTOR	ENSG00000164327.12	0.304882048	1	1	0.304882048	
	Brain_Frontal_Cortex_BA9	0.304882048	Brain_Frontal_Cortex_BA9	1	1	
	1	1.02602023	1.02602023	1.02602023 NA	1	0
	0.997539919					
RP11-173M1.4	ENSG00000266313.1	0.30492369	1	1	0.30492369	
	Brain_Anterior_cingulate_cortex_BA24	0.30492369				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1.025931889	
	1.025931889	1.025931889	NA	1	0	0.997539919
PRODH2	ENSG00000250799.9	0.305108662	2	2	0.127254992	
	Brain_Cerebellum	0.825500124	Brain_Cerebellar_Hemisphere	1.000164364		
	0.999835636	0.999835636	0.220476434	1.525016459	0.872746446	
	0.922449098	2	0	0.997539919		
IRGC	ENSG00000124449.6	0.305130786	1	1	0.305130786	Brain_Cerebellum
	0.305130786	Brain_Cerebellum1	1	1	1.025492662	1.025492662
	1.025492662	NA	1	0	0.997539919	
ADAM23	ENSG00000114948.12	0.305190946	2	2	0.153871938	
	Brain_Cerebellum	0.294280103	Brain_Hypothalamus	1.352743866		
	0.647256134	0.647256134	-1.425987542	-1.048778439	-1.23738299	
	0.266727115	2	0	0.997539919		
AC108868.6	ENSG00000232001.1	0.305232298	2	2	0.124952996	
	Brain_Substantia_nigra	0.474921562	Brain_Caudate_basal_ganglia			
	1.541692863	0.458307137	0.458307137	0.714494328	1.534311671	
	1.124402999	0.579698403	2	0	0.997539919	
RP11-83N9.5	ENSG00000260193.1	0.30528886	1	1	0.30528886	
	Brain_Hypothalamus	0.30528886	Brain_Hypothalamus	1	1	1
	-1.025157537	-1.025157537	-1.025157537	NA	1	0
	0.997539919					
MYH7B	ENSG00000078814.15	0.305301479	3	3	0.091157352	
	Brain_Nucleus_accumbens_basal_ganglia	0.460854324	Brain_Cerebellar_Hemisphere			
	1.937662078	0.086640781	0.086640781	-1.689324023	0.923913966	
	-0.009323082	1.457907895	3	0	0.997539919	
SNX4	ENSG00000114520.10	0.305446856	1	1	0.305446856	
	Brain_Caudate_basal_ganglia	0.305446856	Brain_Caudate_basal_ganglia	1	1	
	1	1.024822695	1.024822695	1.024822695	NA	1
	0.997539919					
SVEP1	ENSG00000165124.17	0.305464291	4	4	0.030260987	
	Brain_Cerebellar_Hemisphere	0.927346888	Brain_Spinal_cord_cervical_c-1			
	2.02624063	0.369148131	0.369148131	-2.166657397	0.091183371	
	-1.005435206	0.957220919	4	0	0.997539919	
MTERF2	ENSG00000120832.9	0.305477771	1	1	0.305477771	
	Brain_Hypothalamus	0.305477771	Brain_Hypothalamus	1	1	1
	1.024757189	1.024757189	1.024757189	NA	1	0
	0.997539919					
FUT7	ENSG00000180549.7	0.305532055	2	2	0.213411421	
	Brain_Nucleus_accumbens_basal_ganglia	0.32140368	Brain_Cortex	1.069461912		
	0.930538088	0.930538088	0.991577479	1.244239525	1.117908502	
	0.178659045	2	0	0.997539919		
CMTM5	ENSG00000166091.19	0.305614036	1	1	0.305614036	Brain_Cerebellum
	0.305614036	Brain_Cerebellum1	1	1	-1.024468512	-1.024468512
	-1.024468512	NA	1	0	0.997539919	
CISD1	ENSG00000122873.11	0.305761881	1	1	0.305761881	Brain_Cerebellum
	0.305761881	Brain_Cerebellum1	1	1	1.0241554	1.0241554
					1.0241554	1.0241554

NA	1	0	0.997539919						
NFATC1	ENSG00000131196.17	0.305811353	3	3	0.121093481				
	Brain_Hippocampus	0.591636341			Brain_Caudate_basal_ganglia	1.114729878			
	0.895021563	0.895021563	-1.550200161		1.084452556	-0.334071292			
	1.32893624	3	0	0.997539919					
NFRKB	ENSG00000170322.14	0.305874199	11	2	0.153258378				
	Brain_Hypothalamus	0.857569408			Brain_Frontal_Cortex_BA9	9.323677553			
	0.000890941	1.024214868	0.179469062		1.42811633	0.861712963			
	0.39701773	2	0	0.997539919					
RNH1	ENSG00000023191.16	0.305889997	8	5	0.243130772	Brain_Cortex			
	0.97060736	Brain_Anterior_cingulate_cortex_BA24	4.938387739		0.004489364				
	0.280510846	-0.762772896	1.167197124		-0.159091306	0.66322025	5		
	0	0.997539919							
VWA5B1	ENSG00000158816.15	0.305964401	3	3	0.058722848				
	Brain_Hypothalamus	0.993748699			Brain_Spinal_cord_cervical_c-1				
	1.105891858	0.894142732	0.894142732		-1.890262602	0.077816578			
	-0.606760316	1.112370277	3	0	0.997539919				
SIGLEC1	ENSG00000088827.12	0.306035796	2	2	0.123877678				
	Brain_Cerebellar_Hemisphere	0.980877296			Brain_Hippocampus	1.000896463			
	0.999103537	0.999103537	-1.538699487		0.02396905	-0.757365218			
	1.10497352	2	0	0.997539919					
AANAT	ENSG00000129673.9	0.306300842	8	5	0.057841212				
	Brain_Frontal_Cortex_BA9	0.594020524			Brain_Spinal_cord_cervical_c-1				
	5.777351512	0.011894849	0.230743643		-1.896899434	-0.533018862			
	-1.140938914	0.480914551	5	0	0.997539919				
MRPL46	ENSG00000259494.1	0.306331795	1	1	0.306331795				
	Brain_Substantia_nigra	0.306331795			Brain_Substantia_nigra	1	1		
	1	-1.022949348	-1.022949348		-1.022949348	NA	1	0	
	0.997539919								
AVPR1A	ENSG00000166148.3	0.3063859	2	2	0.206277459				
	Brain_Cerebellar_Hemisphere	0.308261332			Brain_Caudate_basal_ganglia				
	1.117351583	0.882648417	0.882648417		1.018877068	1.263867861			
	1.141372465	0.173234651	2	0	0.997539919				
SMARCAL1	ENSG00000138375.12	0.306419472	3	3	0.057604073				
	Brain_Cortex	0.980665334			Brain_Spinal_cord_cervical_c-1	1.189504669			
	0.813485551	0.813485551	-0.024234783		1.898698925	0.747768076			
	1.015927324	3	0	0.997539919					
GDA	ENSG00000119125.16	0.306422633	1	1	0.306422633				
	Brain_Caudate_basal_ganglia	0.306422633			Brain_Caudate_basal_ganglia	1	1		
	1	-1.022757254	-1.022757254		-1.022757254	NA	1	0	
	0.997539919								
RP11-46107.1	ENSG00000246379.6	0.306440139	5	4	0.120788681				
	Brain_Substantia_nigra	0.702316011			Brain_Cortex	3.555201408			
	0.04169419	0.343989906	-1.551471712		0.723276523	-0.457868814			
	0.814404685	4	0	0.997539919					
CCDC114	ENSG00000105479.15	0.306443234	10	4	0.021247545				
	Brain_Hypothalamus	0.715697192			Brain_Caudate_basal_ganglia	7.028704652			
	0.009256375	0.662833585	0.364215368		2.303556618	1.365544288			
	0.610239345	4	0	0.997539919					
ZNF334	ENSG00000198185.11	0.306474323	7	3	0.061435925				
	Brain_Cerebellar_Hemisphere	0.952484305			Brain_Substantia_nigra				
	5.440193081	0.002748318	0.379533027		-1.870344998	-0.059587336			
	-1.059274869	0.543090632	3	0	0.997539919				
NADSYN1	ENSG00000172890.11	0.306542008	8	5	0.12703568	Brain_Amygdala			
	0.698454802	Brain_Spinal_cord_cervical_c-1	5.512776358		0.001472847				
	0.272976076	-1.525896349	1.1165098		0.220233635	0.81694275	5	0	
	0.997539919								
STEAP4	ENSG00000127954.12	0.306571335	1	1	0.306571335				
	Brain_Spinal_cord_cervical_c-1	0.306571335			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.022442878	-1.022442878	-1.022442878	NA	1	0
	0.997539919								
RP13-977J11.9	ENSG00000276693.1	0.306578486	1	1	0.306578486				

	Brain_Cerebellum	0.306578486	Brain_Cerebellum1	1	1	1.022427763
		1.022427763		1	0	0.997539919
CCS	ENSG00000173992.8	0.306623138	NA	6	6	0.069532485
	Brain_Nucleus_accumbens_basal_ganglia	0.720096391				Brain_Putamen_basal_ganglia
		2.834916202		0.239884756	-0.609908847	1.814944202
		0.5679816	0.815158062	6	0	0.997539919
CBS	ENSG00000160200.17	0.306643378		13	1	0.168811989
	Brain_Substantia_nigra	0.697303588				Brain_Amygdala
		0.005478743	11.86861627	0.388962904	1.376031153	11.86861627
		0.297520429	1	0	0.997539919	0.972144845
OPALIN	ENSG00000197430.10	0.306651545		1	1	0.306651545
	Brain_Cortex	0.306651545	Brain_Cortex	1	1	1.022273345
		1.022273345	NA	1	0	0.997539919
FAM83E	ENSG00000105523.3	0.306654347		5	4	0.098330401
	Brain_Anterior_cingulate_cortex_BA24	0.586247447				Brain_Cerebellum
		2.069206331	0.063553543	0.848889557	-0.981506419	1.653002272
		0.627468827	1.001052634	4	0	0.997539919
TAP2	ENSG00000204267.13	0.306680179		10	9	0.105254468
	Brain_Frontal_Cortex_BA9	0.8565615	Brain_Anterior_cingulate_cortex_BA24			
		5.556317822	0.160158856	0.193719291	-1.619896702	1.284043996
		-0.609926549	0.850004615	9	0	0.997539919
PRKAR2B	ENSG00000005249.12	0.306698626		3	3	0.162786176
	Brain_Cerebellum	0.956722833	Brain_Spinal_cord_cervical_c-1			2.084266631
		0.349344996	0.349344996	0.054266508	1.395762002	0.77081924
		0.675423445	3	0	0.997539919	
PIGP	ENSG00000185808.13	0.306934177		7	5	0.182305754
	Brain_Hypothalamus	0.949108086	Brain_Nucleus_accumbens_basal_ganglia			
		4.55002802	0.01846582	0.192896286	-0.906195958	1.333689145
		-0.259907206	0.784345467	5	0	0.997539919
TRPM5	ENSG00000070985.13	0.306985489		1	1	0.306985489
	Brain_Caudate_basal_ganglia	0.306985489	Brain_Caudate_basal_ganglia1			1
		1	-1.021567833	-1.021567833	-1.021567833	NA
		0.997539919		1	0	
CD4	ENSG00000010610.9	0.307091373		4	4	0.229869197
	Brain_Putamen_basal_ganglia	0.739751183	Brain_Nucleus_accumbens_basal_ganglia			
		1.733864803	0.469311482	0.469311482	-1.200695868	0.98734785
		-0.223843101	0.903481776	4	0	0.997539919
SSTR4	ENSG00000132671.5	0.30715031		4	4	0.044733506
	Brain_Nucleus_accumbens_basal_ganglia	0.517256648	Brain_Cerebellar_Hemisphere			
		2.255769336	0.096367694	0.096367694	-2.007151761	-0.647579982
		-1.095474192	0.624361082	4	0	0.997539919
XXbac-BPGBPG55C20.3	ENSG00000271761.1	0.307178014		4	4	0.205118855
	Brain_Cortex	0.452130347	Brain_Nucleus_accumbens_basal_ganglia			
		2.243222361	0.227395268	0.227395268	-1.11919899	1.267101904
		0.015463974	1.172547747	4	0	0.997539919
PPIAL4C	ENSG00000263464.2	0.30724298		1	1	0.30724298
	Brain_Cerebellum1	1	1	1	-1.021024185	-1.021024185
		-1.021024185	NA	1	0	0.997539919
LRRC32	ENSG00000137507.11	0.307244536		1	1	0.307244536
	Brain_Putamen_basal_ganglia	0.307244536	Brain_Putamen_basal_ganglia1			1
		1	-1.021020902	-1.021020902	-1.021020902	NA
		0.997539919		1	0	
TTC37	ENSG00000198677.10	0.307332663		9	3	0.066998947
	Brain_Substantia_nigra	0.52727231	Brain_Anterior_cingulate_cortex_BA24			
		7.387953947	0.002524596	0.383858434	0.632175339	1.831681094
		1.485865399	0.391557135	3	0	0.997539919
CAPN10	ENSG00000142330.19	0.307337378		5	3	0.518242847
	Brain_Nucleus_accumbens_basal_ganglia	0.806272037	Brain_Putamen_basal_ganglia			
		4.32041627	0.037729214	0.254043929	-0.646056375	0.412166363
		-0.213815193	0.501460265	3	0	0.997539919
LINC01864	ENSG00000267522.1	0.307340129		2	2	0.148814033
	Brain_Nucleus_accumbens_basal_ganglia	0.602494147	Brain_Hypothalamus			

	1.002638515	0.997361485	0.997361485	0.520817161	1.443733221		
	0.982275191	0.652600205	2	0	0.997539919		
NDNF	ENSG00000173376.13	0.307368636	1	1	0.307368636		
	Brain_Substantia_nigra	0.307368636			Brain_Substantia_nigra	1	1
	1	1.020758995	1.020758995	1.020758995	NA	1	0
	0.997539919						
CYP4A22	ENSG00000162365.11	0.307637166	7	4	0.105466359		
	Brain_Hippocampus	0.998657225			Brain_Cortex	5.19838747	0.018369577
	0.267331354	-1.618911255	-0.001682919	-0.952533646	0.648556811		
	4	0	0.998179868				
UBQLN4	ENSG00000160803.7	0.307823281	4	4	0.177936293		
	Brain_Hypothalamus	0.742728804			Brain_Anterior_cingulate_cortex_BA24		
	1.30687461	0.641879421	0.641879421	-1.314168243	1.347136444		
	-0.111303496	1.190283348	4	0	0.998207054		
DIRAS2	ENSG00000165023.6	0.307882801	1	1	0.307882801		
	Brain_Spinal_cord_cervical_c-1	0.307882801			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-1.019674622	-1.019674622	NA	1
	0.998207054						0
TPST2	ENSG00000128294.15	0.307923122	3	3	0.128423803		Brain_Cortex
	0.665085899	Brain_Anterior_cingulate_cortex_BA24	1.311516831				
	0.662861789	0.662861789	-0.808442075	1.520346938	0.093000923		
	1.250297986	3	0	0.998207054			
RP11-838N2.5	ENSG00000266578.1	0.308101475	1	1	0.308101475		
	Brain_Hypothalamus	0.308101475			Brain_Hypothalamus	1	1
	1.019213803	1.019213803	1.019213803	NA	1	0	0.998207054
SNX6	ENSG00000129515.18	0.308184301	1	1	0.308184301		Brain_Amygdala
	0.308184301	Brain_Amygdala	1	1	1	-1.019039318	-1.019039318
	-1.019039318	NA	1	0	0.998207054		
CNGB3	ENSG00000170289.12	0.308255602	1	1	0.308255602		Brain_Cortex
	0.308255602	Brain_Cortex	1	1	1	-1.018889135	-1.018889135
	-1.018889135	NA	1	0	0.998207054		
MTMR4	ENSG00000108389.9	0.30854063	1	1	0.30854063		Brain_Cerebellum
	Brain_Cerebellum	1	1	1	-1.01828901	-1.01828901	-1.01828901
	NA	1	0	0.998207054			
CTD-2054N24.2	ENSG00000259363.5	0.308692569	13	9	0.005406037		
	Brain_Frontal_Cortex_BA9	0.972500407			Brain_Hippocampus	7.199054234	
	0.022017273	0.275939269	-2.78178784	1.735435317	0.358330915		
	1.061663429	9	0	0.998207054			
KDM7A	ENSG00000006459.10	0.308735956	8	2	0.138812821		
	Brain_Frontal_Cortex_BA9	0.672630395			Brain_Spinal_cord_cervical_c-1		
	7.39068625	0.000203802	0.329359535	-1.480226461	-0.422540706		
	-0.791354407	0.359671121	2	0	0.998207054		
ANAPC5	ENSG00000089053.12	0.30880248	4	4	0.10750238		Brain_Cortex
	0.770566278	Brain_Cerebellum	1.18573892	0.792287319	0.792287319		
	-0.536691476	1.609521396	0.454596337	1.034855632	4	0	
	0.998207054						
WDR41	ENSG00000164253.13	0.308935054	11	4	0.070331489		
	Brain_Frontal_Cortex_BA9	0.606034131			Brain_Substantia_nigra		
	8.057234931	0.007905571	0.366461161	-1.809769824	-0.515742694		
	-1.212608278	0.441237059	4	0	0.998207054		
NFATC3	ENSG00000072736.18	0.30900516	8	7	0.025439636		Brain_Cerebellum
	0.876039382	Brain_Caudate_basal_ganglia	3.851207656	0.038407971			
	0.216400508	0.15599193	2.234660648	1.304102605	0.822701118		7
	0	0.998207054					
H6PD	ENSG00000049239.12	0.309132805	8	8	0.010815327		
	Brain_Spinal_cord_cervical_c-1	0.899601683			Brain_Hippocampus		
	2.252464464	0.14891827	0.14891827	-0.972527408	2.548609688		
	0.423355597	1.029662559	8	0	0.998207054		
EFCC1	ENSG00000114654.7	0.309233802	2	2	0.125504623		
	Brain_Cerebellar_Hemisphere	0.16773342			Brain_Cerebellum	1.898025214	
	0.101974786	0.101974786	1.379523455	1.532072183	1.455797819		
	0.10786824	2	0	0.998207054			

RASIP1	ENSG00000105538.9	0.309287199	2	2	0.154975165				
	Brain_Cerebellar_Hemisphere	0.195048569			Brain_Cerebellum	1.586872805			
	0.413127195	0.413127195			1.422175997			1.358981947	
	0.089369883	2	0	0.998207054					
MFSD12	ENSG00000161091.12	0.309409986	6	4	0.116383057				
	Brain_Spinal_cord_cervical_c-1	0.88320967			Brain_Hippocampus	3.580885337			
	0.010700375	0.521135224			-0.295849031	1.570137799		0.507396528	
	0.675329534	4	0	0.998207054					
TAS1R1	ENSG00000173662.20	0.309438263	1	1	0.309438263				
	Brain_Cerebellar_Hemisphere	0.309438263			Brain_Cerebellar_Hemisphere	1	1		
	1	1.016401435	1.016401435	1.016401435	NA	1	0		
	0.998207054								
MIAT	ENSG00000225783.6	0.309554242	4	4	0.04487002				
	Brain_Caudate_basal_ganglia	0.678487958			Brain_Cerebellar_Hemisphere				
	1.489335806	0.55957612	0.55957612	-0.414527327	2.005870936				
	0.705817473	0.994825792	4	0	0.998207054				
C7orf72	ENSG00000164500.6	0.309577652	1	1	0.309577652				
	Brain_Substantia_nigra	0.309577652			Brain_Substantia_nigra	1	1		
	1	1.016108647	1.016108647	1.016108647	NA	1	0		
	0.998207054								
ZRANB2	ENSG00000132485.13	0.309778184	1	1	0.309778184				
	Brain_Amygdala	0.309778184			Brain_Amygdala	1	1	1	-1.015687581
	-1.015687581	-1.015687581	NA	1	0	0.998207054			
TMEM136	ENSG00000181264.8	0.309931923	4	4	0.370121804				
	Brain_Hippocampus	0.877362311			Brain_Amygdala	2.559593125			
	0.144177875	0.144177875	-0.89624523		0.232054248			-0.284251613	
	0.563031275	4	0	0.998207054					
GIN52	ENSG00000131153.8	0.309992922	1	1	0.309992922				
	Brain_Spinal_cord_cervical_c-1	0.309992922			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.015236885	-1.015236885	-1.015236885	NA	1	0
	0.998207054								
TMEM143	ENSG00000161558.10	0.310023589	3	3	0.17937873				
	Brain_Nucleus_accumbens_basal_ganglia	0.812377138			Brain_Substantia_nigra				
	1.878322692	0.171979608	0.171979608	0.237360491	1.342670381				
	0.842399573	0.560053374	3	0	0.998207054				
C2orf91	ENSG00000205086.6	0.310026032	1	1	0.310026032				
	Brain_Spinal_cord_cervical_c-1	0.310026032			Brain_Spinal_cord_cervical_c-1				
	1	1	1	1.015167411	1.015167411	1.015167411	NA	1	0
	0.998207054								
RP11-568N6.1	ENSG00000260101.1	0.310074845	1	1	0.310074845				
	Brain_Hypothalamus	0.310074845			Brain_Hypothalamus	1	1	1	
	-1.015064997	-1.015064997	-1.015064997	NA	1	0	0.998207054		
RP11-408A13.4	ENSG00000272871.1	0.310104555	11	7	0.035827481				
	Brain_Spinal_cord_cervical_c-1	0.903362009			Brain_Frontal_Cortex_BA9				
	5.759293861	0.019490928	0.413054132	-2.098879988	0.158018827				
	-1.167969172	0.82598524	7	0	0.998207054				
LILRB4	ENSG00000186818.12	0.31018261	1	1	0.31018261				
	Brain_Nucleus_accumbens_basal_ganglia	0.31018261							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.014838937				
	-1.014838937	-1.014838937	NA	1	0	0.998207054			
RUNX1T1	ENSG00000079102.16	0.310209445	1	1	0.310209445				
	Brain_Hypothalamus	0.310209445			Brain_Hypothalamus	1	1	1	
	-1.014782651	-1.014782651	-1.014782651	NA	1	0	0.998207054		
TNNT3	ENSG00000130595.17	0.310215549	2	2	0.137167357				
	Brain_Spinal_cord_cervical_c-1	0.6977126			Brain_Frontal_Cortex_BA9				
	1.017359189	0.982640811	0.982640811	-1.486422672	-0.388410062				
	-0.937416367	0.776412163	2	0	0.998207054				
TNFRSF10C	ENSG00000173535.13	0.310252914	12	5	0.018096991				
	Brain_Hypothalamus	0.711043544			Brain_Substantia_nigra	9.10422794			
	0.016542909	0.326204531	-2.363627641	-0.37045494	-1.70546978				
	0.500571381	5	0	0.998207054					
OSBPL5	ENSG00000021762.19	0.310312076	3	3	0.112571096				

	Brain_Cerebellum	0.735534082		Brain_Frontal_Cortex_BA9	1.190044182				
		0.810045463	0.810045463		-1.586741971	-0.337773234			-0.985624301
		0.625794483	3	0	0.998207054				
LRIT2	ENSG00000204033	3.9	0.310357857	7	3	0.047974365			
	Brain_Caudate_basal_ganglia	0.40003537		Brain_Amygdala	5.548824687				
		0.012164994	0.373304575		0.841558066	1.977595431			1.360375422
		0.414342637	3	0	0.998207054				
RP11-407N8.6	ENSG00000274156	1.1	0.310676074	1	1	0.310676074			
	Brain_Caudate_basal_ganglia	0.310676074		Brain_Caudate_basal_ganglia	1	1			
		1.013804446	1.013804446	1.013804446	NA	1	0		
		0.998207054							
TCFL5	ENSG00000101190	12	0.310699507	13	2	0.050321537			Brain_Cortex
		0.33079356	Brain_Putamen_basal_ganglia	11.29268264		0.012298391			
		0.459413274	0.972516701	1.957220607		1.354091631			0.274163021
		2	0	0.998207054					
RP11-30P6.6	ENSG00000234155	1.1	0.310775478	5	4	0.489631022			
	Brain_Anterior_cingulate_cortex_BA24	0.816632938		Brain_Cortex					
		4.100656872	0.071230869	0.143091639		-0.690895806			0.6774696
		-0.073895118	0.533211939	4	0	0.998207054			
SATB2	ENSG00000119042	16	0.310793215	1	1	0.310793215			
	Brain_Spinal_cord_cervical_c-1	0.310793215		Brain_Spinal_cord_cervical_c-1					
		1	1	1	1.013559031	1.013559031	1.013559031	NA	1
		0.998207054							0
OSER1	ENSG00000132823	10	0.311314045	1	1	0.311314045			Brain_Cerebellum
		0.311314045	Brain_Cerebellum	1	1	-1.012468616			-1.012468616
		-1.012468616	NA	1	0	0.998207054			
TFAP4	ENSG00000090447	11	0.311564834	1	1	0.311564834			
	Brain_Spinal_cord_cervical_c-1	0.311564834		Brain_Spinal_cord_cervical_c-1					
		1	1	1	1.01194399	1.01194399	1.01194399	NA	1
		0.998207054							0
TRMT12	ENSG00000183665	5	0.311592855	1	1	0.311592855			
	Brain_Cerebellum	0.311592855		Brain_Cerebellum	1	1	1		1.011885392
		1.011885392	1.011885392	NA	1	0	0.998207054		
NPAT	ENSG00000149308	16	0.311637714	1	1	0.311637714			Brain_Cerebellum
		0.311637714	Brain_Cerebellum	1	1	1.011791586			1.011791586
		1.011791586	NA	1	0	0.998207054			
AC079779.5	ENSG00000235779	7	0.311828005	1	1	0.311828005			
	Brain_Cerebellum	0.311828005		Brain_Cerebellum	1	1	1		-1.011393763
		-1.011393763	-1.011393763	NA	1	0	0.998207054		
OVOS2	ENSG00000177359	17	0.311832466	4	4	0.058980457			Brain_Cortex
		0.402807656	Brain_Frontal_Cortex_BA9	3.203501509		0.124762907			
		0.124762907	0.83661741	1.888338982		1.312083667			0.454690504
		0	0.998207054						4
SNRPD1	ENSG00000167088	10	0.311852832	5	3	0.155113767			
	Brain_Cerebellar_Hemisphere	0.537720971		Brain_Caudate_basal_ganglia					
		3.113938066	0.00177754	0.59215831	-0.616262975	1.421698598			
		0.799961976	0.850986971	3	0	0.998207054			
DECR1	ENSG00000104325	6	0.3119046	2	2	0.144834706			Brain_Cortex
		0.386784673	Brain_Hypothalamus	1.29763836	0.70236164	0.70236164			
		0.865463078	1.458021178	1.161742128		0.419001851			2
		0.998207054							0
GATM	ENSG00000171766	15	0.312003869	2	2	0.276630936			
	Brain_Hippocampus	0.375359654		Brain_Hypothalamus	1.156932842				
		0.843067158	0.843067158	-0.88647865		1.087918844			0.100720097
		1.396109857	2	0	0.998207054				
L3MBTL4	ENSG00000154655	15	0.312011753	1	1	0.312011753			
	Brain_Substantia_nigra	0.312011753		Brain_Substantia_nigra	1	1			
		1	1.011009772	1.011009772	1.011009772	NA	1	0	
		0.998207054							
AC073133.1	ENSG00000233878	1.1	0.312107324	9	8	0.043784287			
	Brain_Putamen_basal_ganglia	0.973007416		Brain_Substantia_nigra					
		3.904585847	0.043356124	0.205432032		-2.01615006			0.787880063
		-0.636168285	0.90686588	8	0	0.998207054			

GPATCH2	ENSG00000092978.10	0.312225437	1	1	0.312225437			
	Brain_Putamen_basal_ganglia	0.312225437			Brain_Putamen_basal_ganglia	1	1	
	1.010563407	1.010563407	1.010563407	NA	1	0		
	0.998207054							
CACNA2D2	ENSG00000007402.11	0.312294446	1	1	0.312294446			
	Brain_Cerebellum	0.312294446			Brain_Cerebellum	1	1	1.010419298
	1.010419298	1.010419298	NA	1	0	0.998207054		
ASAP3	ENSG00000088280.18	0.312326493	4	3	0.149026252			
	Brain_Cerebellar_Hemisphere	0.699157801			Brain_Cortex	3.355361365		
	0.063640757	0.216354517	-1.442979479	-0.386457596	-1.045550042			
	0.490816558	3	0	0.998207054				
CASP8AP2	ENSG00000118412.12	0.312454194	1	1	0.312454194			
	Brain_Cerebellum	0.312454194			Brain_Cerebellum	1	1	-1.01008578
	-1.01008578	-1.01008578	NA	1	0	0.998207054		
RIIAD1	ENSG00000178796.12	0.312576669	8	8	0.007177446			
	Brain_Substantia_nigra	0.693678657			Brain_Putamen_basal_ganglia	3.9389762		
	0.155772885	0.155772885	0.393867783	2.688497079	0.917440793			
	0.74375282	8	0	0.998207054				
SCUBE2	ENSG00000175356.12	0.312710347	8	8	0.0809235			
	Brain_Caudate_basal_ganglia	0.806912506			Brain_Spinal_cord_cervical_c-1			
	2.925716505	0.193391688	0.193391688	-1.745352663	0.787834272			
	-0.210867177	0.816376284	8	0	0.998207054			
ETV3L	ENSG00000253831.1	0.312940678	1	1	0.312940678			Brain_Amygdala
	0.312940678	Brain_Amygdala	1	1	1	1.009070806		1.009070806
	1.009070806	NA	1	0	0.998207054			
NRG1	ENSG00000157168.18	0.312996105	3	3	0.169167137			Brain_Cerebellum
	0.629540249	Brain_Caudate_basal_ganglia	1.136037521	0.872616243				
	0.872616243	-1.374884881	0.482374054	-0.649127575	0.992886715			
	3	0	0.998207054					
LXN	ENSG00000079257.7	0.312999832	10	3	0.065712067			
	Brain_Cerebellar_Hemisphere	0.438309715			Brain_Anterior_cingulate_cortex_BA24			
	8.22888571	0.009244197	0.441250188	-1.84038273	-0.775050676			
	-1.531297715	0.31974444	3	0	0.998207054			
LINC00540	ENSG00000276476.2	0.313068834	1	1	0.313068834			
	Brain_Spinal_cord_cervical_c-1	0.313068834			Brain_Spinal_cord_cervical_c-1			
	1	1	1	1.008803601	1.008803601	1.008803601	NA	1
	0.998207054							0
NSMCE1	ENSG00000169189.16	0.313077961	2	2	0.140602032			
	Brain_Hypothalamus	0.671816212			Brain_Spinal_cord_cervical_c-1			
	1.023656532	0.976343468	0.976343468	-1.473552823	-0.423656681			
	-0.948604752	0.742388682	2	0	0.998207054			
GABRG3	ENSG00000182256.12	0.313203776	2	2	0.129634503			
	Brain_Amygdala	0.869105484			Brain_Cerebellar_Hemisphere	1.00456266	0.99543734	
	0.99543734	0.164794816	1.515544765	0.840169791	0.955124448			2
	0	0.998207054						
FGFR4	ENSG00000160867.14	0.313229453	10	6	0.055461212			
	Brain_Hippocampus	0.761461202			Brain_Cerebellar_Hemisphere	6.439786483		
	0.023451393	0.279322873	-1.915245427	1.167629191	-0.700137079			
	0.807745774	6	0	0.998207054				
NXNL1	ENSG00000171773.2	0.313329751	2	2	0.218633403			
	Brain_Anterior_cingulate_cortex_BA24	0.36538997			Brain_Caudate_basal_ganglia			
	1.005238849	0.994761151	0.994761151	-1.230170129	-0.905142367			
	-1.067656248	0.229829335	2	0	0.998207054			
PVRIG	ENSG00000213413.2	0.313381167	13	2	0.066375522			Brain_Cortex
	0.85733496	Brain_Anterior_cingulate_cortex_BA24	11.36649061	0.000604804				
	0.612413216	0.179767677	1.835879217	1.108982167	0.422531849			
	2	0	0.998207054					
SLC39A4	ENSG00000147804.9	0.313383398	5	2	0.27012328			Brain_Cortex
	0.863013567	Brain_Cerebellum	4.241747503	0.004726335	0.613940338			
	-1.102778701	0.333844255	-0.178056717	0.575219242	2	0		
	0.998207054							
SLC2A9	ENSG00000109667.11	0.313810098	2	2	0.185935923			

	Brain_Spinal_cord_cervical_c-1	0.838832662			Brain_Caudate_basal_ganglia	
	1.606818889	0.393181111	0.393181111		0.20338687	1.322697719
	0.763042294	0.791472292	2	0	0.998207054	
AARS2	ENSG00000124608.4	0.313844712	5	5	0.049190441	Brain_Amygdala
	0.568420579	Brain_Cerebellum	1.636964457		0.366554978	0.366554978
	-0.583299813	1.96693729	0.687069109		0.904694679	5
	0.998207054					0
ASIC3	ENSG00000213199.7	0.313869893	1	1	0.313869893	Brain_Amygdala
	0.313869893	Brain_Amygdala	1	1	1	-1.007135023
	-1.007135023	NA	1	0	0.998207054	-1.007135023
TSPAN31	ENSG00000135452.9	0.313923844	3	3	0.166991048	
	Brain_Cerebellar_Hemisphere	0.36260786	Brain_Hypothalamus	1.631690643		
	0.403564083	0.403564083	-1.381936994		0.91040709	-0.605342456
	1.312811085	3	0	0.998207054		
VEPH1	ENSG00000197415.11	0.31394143	2	2	0.140227508	Brain_Cerebellum
	0.736212836	Brain_Cerebellar_Hemisphere	1.45554374	0.54445626	0.54445626	0.54445626
	0.336872739	1.474944339	0.905908539		0.804738146	2
	0.998207054					0
BTBD3	ENSG00000132640.14	0.314295572	3	3	0.162872975	
	Brain_Putamen_basal_ganglia	0.48874129	Brain_Anterior_cingulate_cortex_BA24			
	1.281636686	0.732971232	0.732971232		-1.395473916	-0.6923122
	-1.069094888	0.354280252	3	0	0.998207054	
PIP4K2C	ENSG00000166908.17	0.314326865	2	2	0.154665101	
	Brain_Nucleus_accumbens_basal_ganglia	0.67602401	Brain_Amygdala	1.08281187		
	0.91718813	0.91718813	-1.42324515		0.417894834	-0.502675158
	1.301882567	2	0	0.998207054		
PYGO1	ENSG00000171016.11	0.314585873	3	3	0.347274466	
	Brain_Cerebellar_Hemisphere	0.864970803	Brain_Nucleus_accumbens_basal_ganglia			
	2.389141693	0.224975244	0.224975244		-0.939889067	0.669571339
	-0.033422571	0.823797014	3	0	0.998207054	
C9orf135	ENSG00000204711.8	0.314673525	1	1	0.314673525	
	Brain_Nucleus_accumbens_basal_ganglia	0.314673525				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-1.005463897	
	-1.005463897	-1.005463897	NA	1	0	0.998207054
LINC00967	ENSG00000253138.5	0.314886642	1	1	0.314886642	
	Brain_Putamen_basal_ganglia	0.314886642	Brain_Putamen_basal_ganglia	1	1	
	1	1.0050212	1.0050212	1.0050212	NA	1
	0.998207054					
MAP3K21	ENSG00000143674.10	0.314931241	10	2	0.114473716	
	Brain_Amygdala	0.313655011	Brain_Putamen_basal_ganglia	9.174906272		
	0.000662852	0.333709855	-1.578400129		-1.007582338	-1.436957645
	0.189462228	2	0	0.998207054		
MGLL	ENSG00000074416.13	0.314991696	2	2	0.13293918	
	Brain_Spinal_cord_cervical_c-1	0.861611196	Brain_Cerebellum	1.036481777		
	0.963518223	0.963518223	0.174323546		1.502611794	0.83846767
	0.939241628	2	0	0.998207054		
UCP2	ENSG00000175567.8	0.315060544	9	8	0.008936766	
	Brain_Spinal_cord_cervical_c-1	0.808857346	Brain_Cortex	4.589183255		
	0.054714298	0.198821964	-2.614463692		0.550641342	-0.752496029
	1.010460181	8	0	0.998207054		
DHX8	ENSG00000067596.10	0.315117728	5	4	0.155529724	
	Brain_Spinal_cord_cervical_c-1	0.759962313	Brain_Cerebellum	2.460449223		
	1.71E-09	0.252798763	-1.420267825		0.464769509	-0.075335933
	0.820089781	4	0	0.998207054		
ZNF763	ENSG00000197054.11	0.315195887	4	1	0.25224877	Brain_Cerebellum
	0.353452504	Brain_Hippocampus	3.901683803		0.001176412	
	3.901683803	-1.144904379	-0.927913379		-0.992071599	0.102480787
	1	0	0.998207054			
FAM114A1	ENSG00000197712.11	0.315257203	5	5	0.175982819	
	Brain_Spinal_cord_cervical_c-1	0.811653693	Brain_Caudate_basal_ganglia			
	2.80509961	0.094962516	0.094962516		-0.238293202	1.353227949
	0.761238385	0.638822324	5	0	0.998207054	
RFWD3	ENSG00000168411.13	0.315331629	11	4	0.116425798	

	Brain_Cerebellar_Hemisphere	0.696101834			Brain_Nucleus_accumbens_basal_ganglia				
	7.853015175	0.010963603	0.29520145	-1.569954065	-0.390587951				
	-0.940655965	0.397286708	4	0	0.998207054				
HRNR	ENSG00000197915.5	0.315379658	6	3	0.098080696	Brain_Cortex			
	0.691804067	Brain_Spinal_cord_cervical_c-1	4.92651603	0.055276317					
	0.282713269	0.396407998	1.65423046	0.969759267	0.499350631			3	
	0	0.998207054							
FKBP5	ENSG00000096060.14	0.315461577	2	2	0.177967985				
	Brain_Substantia_nigra	0.525819923			Brain_Cerebellar_Hemisphere				
	1.049606758	0.950393242	0.950393242	-1.347038031	0.634399827				
	-0.356319102	1.401088146	2	0	0.998207054				
LRRC58	ENSG00000163428.3	0.315480099	2	2	0.128838355				
	Brain_Caudate_basal_ganglia	0.984944875			Brain_Hippocampus	1.007036639			
	0.992963361	0.992963361	0.01886992	1.518698696	0.768784308				
	1.060539098	2	0	0.998207054					
CNTF	ENSG00000242689.2	0.315504891	2	2	0.214040219				
	Brain_Hippocampus	0.303346093			Brain_Cortex	1.131341615			
	0.868658385	0.868658385	-1.242532332	-1.029284312	-1.135908322				
	0.150789122	2	0	0.998207054					
PIANP	ENSG00000139200.13	0.315701334	1	1	0.315701334				
	Brain_Spinal_cord_cervical_c-1	0.315701334			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-1.003330689	-1.003330689	-1.003330689	NA	1	0
	0.998207054								
RNF114	ENSG00000124226.10	0.315734897	6	3	0.141654038				
	Brain_Cortex	0.863417545			Brain_Hypothalamus	5.260175584			
	0.010237104	0.219996098	-1.469659348	-0.172025419	-0.496089071				
	0.487303515	3	0	0.998207054					
SCNM1	ENSG00000163156.11	0.315791467	2	2	0.139919484				
	Brain_Frontal_Cortex_BA9	0.96641574			Brain_Amygdala	1.261119249			
	0.738880751	0.738880751	-1.476090929	-0.042104064	-0.759097497				
	1.013981836	2	0	0.998207054					
MARVELD1	ENSG00000155254.12	0.315874241	1	1	0.315874241				
	Brain_Caudate_basal_ganglia	0.315874241			Brain_Caudate_basal_ganglia	1	1		
	1	-1.002972269	-1.002972269	-1.002972269	NA	1	0		
	0.998207054								
CADPS2	ENSG00000081803.15	0.316126095	2	2	0.173263407				
	Brain_Nucleus_accumbens_basal_ganglia	0.561796567			Brain_Frontal_Cortex_BA9				
	1.06484316	0.93515684	0.93515684	-1.361792411	-0.580175065	-0.970983738			
	0.552686925	2	0	0.998207054					
BLVRB	ENSG00000090013.9	0.316179314	1	1	0.316179314				
	Brain_Hypothalamus	0.316179314			Brain_Hypothalamus	1	1	1	
	1.002340198	1.002340198	1.002340198	NA	1	0	0.998207054		
LA16c-380H5.5	ENSG00000272079.2	0.316218897	13	2	0.054083491				
	Brain_Amygdala	0.413569899			Brain_Cerebellum	11.39555707	2.67E-05		
	1.007211028	-0.817627536	1.926167272	1.124158339	0.629358852				
	2	0	0.998207054						
CAMK2G	ENSG00000148660.20	0.316303471	2	2	0.129767933				
	Brain_Nucleus_accumbens_basal_ganglia	0.638222504							
	Brain_Anterior_cingulate_cortex_BA24	1.257650068			0.742349932				
	0.742349932	-1.515017654	-0.470185484	-0.992601569	0.738807913				
	2	0	0.998207054						
CPNE4	ENSG00000196353.11	0.3163219	1	1	0.3163219	Brain_Caudate_basal_ganglia			
	0.3163219	Brain_Caudate_basal_ganglia	1	1	1	1.002044916			
	1.002044916	1.002044916	NA	1	0	0.998207054			
C16orf59	ENSG00000162062.14	0.316349297	1	1	0.316349297				
	Brain_Hippocampus	0.316349297			Brain_Hippocampus	1	1	1	
	-1.00198819	-1.00198819	-1.00198819	NA	1	0	0.998207054		
MSRB1	ENSG00000198736.11	0.316422547	1	1	0.316422547				
	Brain_Hypothalamus	0.316422547			Brain_Hypothalamus	1	1	1	
	1.001836538	1.001836538	1.001836538	NA	1	0	0.998207054		
SYNE2	ENSG00000054654.16	0.316652834	5	4	0.089890388				
	Brain_Hippocampus	0.958108904			Brain_Cortex	2.594211252			

	0.064711999	0.357220386	-0.930470822	1.695976195	0.48195728
	0.98371944	0	0.998207054		
MFAP2	ENSG00000117122.13	0.316661207	3	3	0.117481828
	Brain_Spinal_cord_cervical_c-1	0.867094452			Brain_Hippocampus 1.23887308
	0.760579278	0.760579278	-1.565431239	-0.16735027	-0.883056791
	0.699636241	3	0	0.998207054	
TMEM220	ENSG00000187824.8	0.316689905	13	2	0.188241938
	Brain_Substantia_nigra	0.951468411			Brain_Amygdala 11.96566272
	0.001222938	0.435341643	0.060862881	1.315797741	1.008809535
	0.297299756	2	0	0.998207054	
VDAC2	ENSG00000165637.13	0.316705061	1	1	0.316705061
	Brain_Caudate_basal_ganglia	0.316705061			Brain_Caudate_basal_ganglia 1
	1	-1.001251858	-1.001251858	-1.001251858	NA 1 0
	0.998207054				
GTSF1	ENSG00000170627.10	0.316754419	5	3	0.462958686
	Brain_Caudate_basal_ganglia	0.979079437			Brain_Spinal_cord_cervical_c-1
	4.242981027	0.000635426	0.197456373	-0.129067909	0.733983677
	0.243436676	0.440220498	3	0	0.998207054
ACY3	ENSG00000132744.7	0.316784987	8	5	0.232416521
	0.906948507	Brain_Cortex	6.066145637	0.009845877	Brain_Amygdala 0.237025943
	-0.380072688	1.194157099	0.240007118	0.500401985	5 0
	0.998207054				
RP11-403A21.1	ENSG00000265752.2	0.316785709	5	5	0.103428936
	Brain_Hypothalamus	0.929780226			Brain_Spinal_cord_cervical_c-1
	2.046016158	0.520405207	0.520405207	-1.628452676	0.150539216
	-0.595907384	0.814279469	5	0	0.998207054
NOTCH4	ENSG00000204301.6	0.316849039	10	9	0.148834173
	Brain_Cortex	0.993799862			Brain_Anterior_cingulate_cortex_BA24
	4.629434704	0.068804583	0.180452119	-1.443661654	1.07153279
	-0.232995232	0.741383622	9	0	0.998207054
AGPS	ENSG00000018510.13	0.316874661	5	4	0.054289803
	0.418963095	Brain_Putamen_basal_ganglia	2.829804577	0.065671815	Brain_Cerebellum
	0.363252966	-0.808221479	1.924517067	1.126778736	1.099229682
	4	0	0.998207054		
C11orf58	ENSG00000110696.9	0.31688354	1	1	0.31688354
	0.31688354	Brain_Amygdala	1	1	Brain_Amygdala
	1.000882662	NA	1	0	1.000882662 1.000882662
	0.998207054				
PRPF40A	ENSG00000196504.15	0.316923323	1	1	0.316923323
	Brain_Nucleus_accumbens_basal_ganglia	0.316923323			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	1.000800385
	1.000800385	1.000800385	NA	1	0.998207054
TMCC2	ENSG00000133069.15	0.316938065	6	2	0.080290453
	Brain_Putamen_basal_ganglia	0.556119993			Brain_Cerebellar_Hemisphere
	5.276560127	0.029914728	0.455681215	0.588614368	1.749003277
	1.25151094	0.396656751	2	0	0.998207054
HDAC7	ENSG00000061273.17	0.316961517	2	2	0.132651737
	0.402282813	Brain_Cerebellar_Hemisphere	1.442660203	0.557339797	Brain_Cerebellum
	0.557339797	0.837551195	1.503726757	1.170638976	0.471057258
	2	0	0.998207054		
LOXL4	ENSG00000138131.3	0.316991479	2	2	0.137391317
	Brain_Caudate_basal_ganglia	0.763464465			Brain_Putamen_basal_ganglia
	1.000294224	0.999705776	0.999705776	0.30093447	1.485575964
	0.893255217	0.837668034	2	0	0.998207054
MZF1	ENSG00000099326.8	0.316997646	1	1	0.316997646
	0.316997646	Brain_Amygdala	1	1	Brain_Amygdala
	-1.000646695	NA	1	0	-1.000646695 -1.000646695
	0.998207054				
SEC23B	ENSG00000101310.14	0.317161609	12	2	0.095656816
	Brain_Nucleus_accumbens_basal_ganglia	0.515407443			Brain_Hypothalamus
	10.98226993	0.000913754	0.397823896	0.650440934	1.666284231
	1.314826761	0.256066701	2	0	0.998207054
JAM3	ENSG00000166086.12	0.317287109	1	1	0.317287109
	Brain_Spinal_cord_cervical_c-1	0.317287109			Brain_Spinal_cord_cervical_c-1

	1	1	1	1.000048352	1.000048352	1.000048352	NA	1	0
	0.998207054								
SMDT1	ENSG00000183172.8	0.317540735	13	2	0.156388191				
	Brain_Substantia_nigra	0.596677504	Brain_Cortex		11.71385913				
	0.000452119	0.790132638	0.529184448	1.417324105	0.922317699				
	0.324479177	2	0	0.998207054					
TMEM159	ENSG00000011638.10	0.317550467	7	7	0.195003068				
	Brain_Cerebellar_Hemisphere	0.99541091	Brain_Frontal_Cortex_BA9		2.596462114				
	0.132416254	0.132416254	-0.780864463	1.295919941	0.259811665				
	0.671121245	7	0	0.998207054					
RP11-148L24.1	ENSG00000248174.5	0.317740707	11	4	0.074763246				
	Brain_Nucleus_accumbens_basal_ganglia	0.429322588	Brain_Cerebellum		8.17251272				
	2.01E-16	0.443221726	-1.21079221	1.78191407	1.244919603				
	0.873097885	4	0	0.998207054					
ZDHHC12	ENSG00000160446.18	0.317763638	1	1	0.317763638				
	Brain_Cerebellum	0.317763638	Brain_Cerebellum		1	1	1	0.999064105	
	0.999064105	0.999064105	NA	1	0	0.998207054			
SAE1	ENSG00000142230.11	0.317805552	2	2	0.192570796				
	Brain_Caudate_basal_ganglia	0.588295163	Brain_Hypothalamus		1.16803616				
	0.83196384	0.83196384	-1.303011615	0.541308209	-0.380851703				
	1.304131054	2	0	0.998207054					
LIMD1	ENSG00000144791.9	0.317826539	11	5	0.02439832	Brain_Hypothalamus			
	0.743594105	Brain_Spinal_cord_cervical_c-1		7.776745107	2.50E-16				
	0.297311606	0.32709755	2.25079822	1.712887081	0.626198004	5	0		
	0.998207054								
TMEM88B	ENSG00000205116.3	0.317855686	1	1	0.317855686				
	Brain_Hippocampus	0.317855686	Brain_Hippocampus		1	1	1		
	0.998874096	0.998874096	0.998874096	NA	1	0	0.998207054		
NLRC3	ENSG00000167984.17	0.317959256	11	11	0.024494874	Brain_Cerebellum			
	0.973057707	Brain_Cerebellar_Hemisphere		1.922214508	0.245549648				
	0.245549648	-2.249277066	1.513978379	0.138718165	1.042788618				
	11	0	0.998207054						
RP11-430H10.1	ENSG00000254427.1	0.317969266	13	2	0.145777165				
	Brain_Cerebellar_Hemisphere	0.835608861	Brain_Spinal_cord_cervical_c-1						
	11.32754037	0.001682361	1.090036451	0.207513486	1.454610348				
	0.710306087	0.347192776	2	0	0.998207054				
PARP15	ENSG00000173200.12	0.31801411	2	2	0.233060364	Brain_Cortex			
	0.649738075	Brain_Spinal_cord_cervical_c-1		1.351200937	0.648799063				
	0.648799063	-0.454126091	1.19251247	0.36919319	1.164349293	2	0		
	0.998207054								
RP11-297N6.4	ENSG00000255046.1	0.31802262	3	3	0.06269053				
	Brain_Nucleus_accumbens_basal_ganglia	0.838803938	Brain_Frontal_Cortex_BA9						
	1.694210714	0.382831926	0.382831926	-1.861380023	-0.203423622				
	-1.009438451	0.829931808	3	0	0.998207054				
KCNMA1	ENSG00000156113.22	0.318083643	4	4	0.140467565				
	Brain_Caudate_basal_ganglia	0.747359918	Brain_Putamen_basal_ganglia						
	2.285619224	0.220548929	0.220548929	-1.474052098	0.818980251				
	-0.150123604	0.999845914	4	0	0.998207054				
FAM174B	ENSG00000185442.12	0.318228475	1	1	0.318228475				
	Brain_Cerebellar_Hemisphere	0.318228475	Brain_Cerebellar_Hemisphere		1	1			
	1	0.99810494	0.99810494	0.99810494	NA	1	0	0.998207054	
RPIA	ENSG00000153574.8	0.318245353	4	1	0.301767351				
	Brain_Nucleus_accumbens_basal_ganglia	0.367020548							
	Brain_Anterior_cingulate_cortex_BA24	3.910874632	0.007513144						
	3.910874632	0.902068374	1.032650789	0.987067049	0.059111768				
	1	0	0.998207054						
LRSAM1	ENSG00000148356.13	0.318280311	3	3	0.145573693				
	Brain_Cerebellar_Hemisphere	0.877955606	Brain_Cerebellum		1.659862767				
	0.340527091	0.340527091	-1.455345295	-0.153561359	-0.691880454				
	0.679469138	3	0	0.998207054					
ARHGEF7	ENSG00000102606.17	0.318332128	11	5	0.104899086				
	Brain_Frontal_Cortex_BA9	0.500298779	Brain_Hippocampus		7.477874177				

	0.002274311	0.481363424	-1.260576198	1.621553031	0.883468617
	0.766969967	5	0	0.998207054	
CDK7	ENSG00000134058.11	0.318476504	3	3	0.229683752
	Brain_Spinal_cord_cervical_c-1	0.756287117			Brain_Caudate_basal_ganglia
	1.88958337	0.247936352	0.247936352	-1.201173899	0.310360121
	-0.57050378	0.786213374	3	0	0.998207054
SLC25A18	ENSG00000182902.13	0.318532246	3	3	0.158893239
	Brain_Nucleus_accumbens_basal_ganglia	0.94396798			Brain_Caudate_basal_ganglia
	1.415493687	0.598684121	0.598684121	-1.408803638	0.070283544
	-0.785116629	0.766285172	3	0	0.998207054
RP4-781K5.4	ENSG00000228044.2	0.318549184	2	2	0.253262997
	Brain_Substantia_nigra	0.666482367			Brain_Spinal_cord_cervical_c-1
	1.843422307	0.156577693	0.156577693	0.430980751	1.142459679
	0.786720215	0.503091574	2	0	0.998207054
LINC01886	ENSG00000224568.1	0.318613308	1	1	0.318613308
	Brain_Anterior_cingulate_cortex_BA24	0.318613308			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.997311553
	0.997311553	0.997311553	NA	1	0
					0.998207054
CAMTA2	ENSG00000108509.20	0.318742763	3	3	0.103871444
	Brain_Putamen_basal_ganglia	0.809725389			Brain_Cerebellar_Hemisphere
	1.315539474	0.630299422	0.630299422	-1.626367764	-0.240780312
	-1.057062546	0.725059571	3	0	0.998207054
C1QTNF8	ENSG00000184471.7	0.31884787	1	1	0.31884787
	Brain_Anterior_cingulate_cortex_BA24	0.31884787			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.996828278
	-0.996828278	-0.996828278	NA	1	0
					0.998207054
RP11-61A14.4	ENSG00000246777.1	0.318923991	2	2	0.140807004
	Brain_Cortex	0.746842557			Brain_Hypothalamus
	0.57144197	0.322805487	1.472792468	0.897798977	1.42855803
	0	0.998207054			0.57144197
					0.813163592
					2
SLC33A1	ENSG00000169359.13	0.318933589	5	5	0.025546508
	Brain_Frontal_Cortex_BA9	0.840337144			Brain_Cerebellar_Hemisphere
	2.439563841	0.181265554	0.181265554	-0.201462251	2.233036953
	1.092207172	1.057171478	5	0	0.998207054
CASC1	ENSG00000118307.18	0.319024396	1	1	0.319024396
	0.319024396	Brain_Cerebellum	1	1	Brain_Cerebellum
	0.996464729	NA	1	0	0.996464729
					0.998207054
IFT140	ENSG00000187535.13	0.319075536	7	4	0.480188938
	Brain_Cerebellum	0.972262933			Brain_Cerebellar_Hemisphere
	0.03497073	0.252802921	-0.65899307	0.705998713	4.985389409
	0.474825045	4	0	0.998207054	0.290449175
FABP3	ENSG00000121769.7	0.319161235	4	3	0.148933595
	Brain_Cerebellar_Hemisphere	0.889614629			Brain_Putamen_basal_ganglia
	3.436768369	0.020796394	0.150295827	-1.443308471	-0.138791857
	-0.739972916	0.6368891	3	0	0.998207054
ANKRD16	ENSG00000134461.15	0.319213338	1	1	0.319213338
	Brain_Cerebellum	0.319213338			Brain_Cerebellum
	0.996075758	0.996075758	NA	1	1
					0.996075758
PPP4C	ENSG00000149923.13	0.31949363	1	1	0.31949363
	Brain_Frontal_Cortex_BA9	0.995499002			Brain_Frontal_Cortex_BA9
	0.31949363	Brain_Frontal_Cortex_BA9	1	1	1
	0.995499002	0.995499002	NA	1	0.995499002
					0.998207054
LINC00443	ENSG00000230156.2	0.319495014	10	9	0.154878481
	Brain_Putamen_basal_ganglia	0.991073478			Brain_Nucleus_accumbens_basal_ganglia
	4.617993332	0.065778071	0.232704415	-1.212668849	1.422509206
	0.010455551	0.872303929	9	0	0.998207054
DDX5	ENSG00000108654.13	0.319570922	3	3	0.073883472
	Brain_Spinal_cord_cervical_c-1	0.641604406			Brain_Cerebellar_Hemisphere
	1.418032544	0.58048748	0.58048748	-0.477783991	1.787334308
	0.281364524	1.304222655	3	0	0.998207054
HERC6	ENSG00000138642.14	0.319622749	1	1	0.319622749
	Brain_Nucleus_accumbens_basal_ganglia	0.319622749			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.995233425

	0.995233425	0.995233425	NA	1	0	0.998207054		
PAF1	ENSG00000006712.14	0.319731653		1	1	0.319731653		
	Brain_Hippocampus	0.319731653		Brain_Hippocampus	1	1	1	
	-0.995009482	-0.995009482	-0.995009482	NA	1	0	0.998207054	
DHCR7	ENSG00000172893.15	0.319918777		1	1	0.319918777	Brain_Cerebellum	
	0.319918777	Brain_Cerebellum1		1	1	-0.994624809	-0.994624809	
	-0.994624809	NA	1	0	0.998207054			
RP11-738E22.3	ENSG00000269949.1	0.319931699		11	2	0.068351176		
	Brain_Putamen_basal_ganglia	0.935166572		Brain_Spinal_cord_cervical_c-1				
	9.181140518	0.001457831	0.899833401	-0.081346277		1.822684586		
	1.230691166	0.482823437	2	0	0.998207054			
FAM171B	ENSG00000144369.12	0.320027643		3	3	0.171751716		
	Brain_Putamen_basal_ganglia	0.399818757		Brain_Spinal_cord_cervical_c-1				
	1.997336485	0.180905367	0.180905367	-1.366596814		-0.841944969		
	-1.158314454	0.278526497	3	0	0.998207054			
NME6	ENSG00000172113.8	0.320151515		7	3	0.083224557		
	Brain_Cerebellar_Hemisphere	0.198446236		Brain_Frontal_Cortex_BA9				
	5.790792561	0.003908394	0.366620717	1.285990906		1.732275306		
	1.443228102	0.168848808	3	0	0.998207054			
NKAIN2	ENSG00000188580.14	0.320168824		4	3	0.108689529		
	Brain_Substantia_nigra	0.552475776		Brain_Frontal_Cortex_BA9				
	2.175743856	0.043548266	0.663660076	-1.604111264		1.097586214		
	-0.007113216	1.326652662	3	0	0.998207054			
B4GALNT1	ENSG00000135454.13	0.320195088		3	3	0.133349824		
	Brain_Cortex	0.586988125	Brain_Cerebellar_Hemisphere	1.2368044				
	0.696047894	0.696047894	-1.095794157	1.501022183		0.316144603		
	1.313214133	3	0	0.998207054				
F11	ENSG00000088926.13	0.320249674		6	3	0.05352275		
	Brain_Caudate_basal_ganglia	0.198506607		Brain_Nucleus_accumbens_basal_ganglia				
	5.005227939	0.040769408	0.19308669	-1.930679096		-1.285817943		
	-1.62982073	0.311942708	3	0	0.998207054			
PSCA	ENSG00000167653.4	0.320253071		10	3	0.225731036		
	Brain_Cerebellar_Hemisphere	0.984715863		Brain_Hypothalamus		8.163132053		
	0.013603217	0.528453296	-1.211428986	0.203953895		-0.490792465		
	0.498120041	3	0	0.998207054				
SETBP1	ENSG00000152217.16	0.320311063		1	1	0.320311063		
	Brain_Hypothalamus	0.320311063		Brain_Hypothalamus	1	1	1	
	-0.993818859	-0.993818859	-0.993818859	NA	1	0	0.998207054	
ITPRIPL1	ENSG00000198885.9	0.320335464		7	4	0.09460369	Brain_Cortex	
	0.992694337	Brain_Cerebellum	4.340284967	0.008766134		0.265819903		
	-0.299552002	1.67159764	0.634996469	0.805506486		4	0	
	0.998207054							
ZBTB34	ENSG00000177125.5	0.320381583		1	1	0.320381583		
	Brain_Amygdala	0.320381583	Brain_Amygdala	1	1	1	-0.993674045	
	-0.993674045	-0.993674045	NA	1	0	0.998207054		
LIN52	ENSG00000205659.10	0.320396638		7	4	0.307717277		
	Brain_Frontal_Cortex_BA9	0.963437498		Brain_Hypothalamus		4.999594012		
	0.000568794	0.176603389	-0.292730559	1.020023582		0.515595192		
	0.540571729	4	0	0.998207054				
CYP11B1	ENSG00000160882.11	0.320498903		1	1	0.320498903		
	Brain_Nucleus_accumbens_basal_ganglia	0.320498903						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		-0.993433171		
	-0.993433171	-0.993433171	NA	1	0	0.998207054		
RP1-111D6.5	ENSG00000283608.1	0.320727311		8	2	0.061637994		
	Brain_Anterior_cingulate_cortex_BA24	0.342472843						
	Brain_Nucleus_accumbens_basal_ganglia	6.901030285		0.000595527				
	0.497553623	0.949290581	1.868890903	1.398682521		0.332568624		
	2	0	0.998207054					
CCDC102B	ENSG00000150636.17	0.320823402		2	2	0.373685013		
	Brain_Hypothalamus	0.392217552	Brain_Nucleus_accumbens_basal_ganglia					
	1.330112212	0.669887788	0.669887788	-0.855602744		0.889591982		
	0.016994619	1.234039026	2	0	0.998207054			

TIMM23B	ENSG00000204152.10	0.320838357	12	1	0.154842963		
	Brain_Cerebellum	0.475613644			Brain_Caudate_basal_ganglia	11.00249809	
	0.000322541	11.00249809	0.713375154	1.422631654		0.958102751	
	0.196956645	1	0	0.998207054			
CUEDC2	ENSG00000107874.10	0.320842287	4	3	0.407138932		
	Brain_Cerebellar_Hemisphere	0.916413929			Brain_Putamen_basal_ganglia	3.5841886	
	0.009825822	0.131081335	-0.828938989	0.384097526		-0.001280165	
	0.565021915	3	0	0.998207054			
CACNB3	ENSG00000167535.7	0.321003991	6	3	0.075907258		
	Brain_Hypothalamus	0.609300521			Brain_Nucleus_accumbens_basal_ganglia		
	4.458681293	0.033501155	0.275077692	0.511072172		1.774943252	
	0.819154229	0.482048309	3	0	0.998207054		
PCAT18	ENSG00000265369.3	0.321030842	3	3	0.196042766		
	Brain_Putamen_basal_ganglia	0.959611482			Brain_Caudate_basal_ganglia		
	2.041639695	0.270781736	0.270781736	-0.163863973		1.292908331	
	0.393228499	0.786492823	3	0	0.998207054		
CEP41	ENSG00000106477.18	0.321209508	6	6	0.096860772		
	Brain_Nucleus_accumbens_basal_ganglia	0.693094424			Brain_Cerebellum		
	1.952323448	0.200030111	0.200030111	-0.508572555		1.660266898	
	0.850345499	0.799433708	6	0	0.998207054		
HNRNPAB	ENSG00000197451.11	0.321256353	2	2	0.136899219		
	Brain_Hippocampus	0.795060948			Brain_Putamen_basal_ganglia	1.01194594	
	0.98805406	0.98805406	-1.487437802	0.259744392		-0.613846705	
	1.235444377	2	0	0.998207054			
MED21	ENSG00000152944.8	0.32125682	2	2	0.132340095		
	Brain_Cerebellar_Hemisphere	0.691807242			Brain_Frontal_Cortex_BA9		
	1.313058555	0.686941445	0.686941445	0.396403694		1.504937699	
	0.950670697	0.783851913	2	0	0.998207054		
FASTKD3	ENSG00000124279.11	0.321276828	2	2	0.141344797		
	Brain_Cerebellum	0.857371968			Brain_Putamen_basal_ganglia	1.332567831	
	0.667432169	0.667432169	0.179720539	1.470801538		0.825261038	
	0.912932129	2	0	0.998207054			
CYP2D6	ENSG00000100197.20	0.321279704	13	2	0.125440512		
	Brain_Substantia_nigra	0.430663587			Brain_Cerebellar_Hemisphere		
	12.30722078	0.000224855	0.483102817	-1.532332067		-0.788056622	
	-1.243621244	0.21458282	2	0	0.998207054		
TRAF5	ENSG00000082512.14	0.321342493	1	1	0.321342493		
	Brain_Putamen_basal_ganglia	0.321342493			Brain_Putamen_basal_ganglia	1	1
	1	0.991702864	0.991702864	0.991702864	NA	1	0
	0.998207054						
RP13-870H17.3	ENSG00000254872.3	0.321386792	7	7	0.097992099		
	Brain_Hypothalamus	0.965897906			Brain_Nucleus_accumbens_basal_ganglia		
	2.335229119	0.159091964	0.159091964	-1.654666831		1.509148466	
	0.424693698	1.235608501	7	0	0.998207054		
SAMD4B	ENSG00000179134.15	0.321398377	2	2	0.179699702		
	Brain_Caudate_basal_ganglia	0.606585706			Brain_Hippocampus	1.123287495	
	0.876712505	0.876712505	-0.514953225	1.341680225		0.4133635	
	1.312838103	2	0	0.998207054			
P4HTM	ENSG00000178467.17	0.321538459	12	4	0.024722774		
	Brain_Anterior_cingulate_cortex_BA24	0.493292035			Brain_Caudate_basal_ganglia		
	9.033607968	0.010769883	0.390089231	-2.245707122		-0.685082227	
	-1.633570741	0.435853405	4	0	0.998207054		
CRIP3	ENSG00000146215.13	0.321545742	1	1	0.321545742		
	Brain_Putamen_basal_ganglia	0.321545742			Brain_Putamen_basal_ganglia	1	1
	1	0.991286421	0.991286421	0.991286421	NA	1	0
	0.998207054						
RUFY1	ENSG00000176783.14	0.32159526	4	3	0.263873134		
	Brain_Hippocampus						
	0.971891481	Brain_Caudate_basal_ganglia	2.609011574	0.002865464			
	0.401719786	-1.117283487	0.347526352	-0.447883744		0.749492629	
	3	0	0.998207054				
PRR19	ENSG00000188368.9	0.321636087	1	1	0.321636087		
	Brain_Cerebellum						
	0.321636087	Brain_Cerebellum	1	1	0.991101365	0.991101365	

0.991101365	NA	1	0	0.998207054					
FLVCR1	ENSG00000162769.12		0.321748124	12	4	0.144712666			
	Brain_Frontal_Cortex_BA9		0.983596118				Brain_Substantia_nigra		
	9.033040542	0.01980622	0.388146144			-1.45846409	1.081204217		
	-0.156979951	0.670619411	4	0	0.998207054				
RP11-462G22.2	ENSG00000272566.1		0.321904445	1	1	0.321904445			
	Brain_Putamen_basal_ganglia	0.321904445					Brain_Putamen_basal_ganglia	1	1
	1	-0.990551879	-0.990551879	-0.990551879	NA	1	0		
	0.998207054								
ELP5	ENSG00000170291.14		0.321914314	5	5	0.088260052			
	Brain_Putamen_basal_ganglia	0.773990557					Brain_Cortex	3.279939215	
	0.129282805	0.129282805	-1.704648224			0.287159028	-0.727843602		
	0.716061424	5	0	0.998207054					
DENND1C	ENSG00000205744.9		0.321935632	2	2	0.165259293			
	Brain_Caudate_basal_ganglia	0.54481337	Brain_Frontal_Cortex_BA9			1.015382312			
	0.984617688	0.984617688	0.605550366			1.387598649	0.996574507		
	0.552991644	2	0	0.998207054					
FEZFB1	ENSG00000128610.11		0.321986564	2	2	0.232563841	Brain_Cortex		
	0.248202965	Brain_Cerebellum	1.21726745	0.78273255	0.78273255	-1.193780501			
	-1.154725228	-1.174252864	0.027616249	2	0	0.998207054			
ESRRA	ENSG00000173153.13		0.322014361	1	1	0.322014361	Brain_Amygdala		
	0.322014361	Brain_Amygdala	1	1	1	0.990326903	0.990326903		
	0.990326903	NA	1	0	0.998207054				
MYO19	ENSG00000278259.4		0.322182927	7	5	0.067842265			
	Brain_Hippocampus	0.535415984	Brain_Spinal_cord_cervical_c-1						
	5.333028083	0.000494811	0.195584903	0.61975973	1.826053094				
	1.169989169	0.416023677	5	0	0.998207054				
PCLAF	ENSG00000166803.11		0.322188225	1	1	0.322188225	Brain_Amygdala		
	0.322188225	Brain_Amygdala	1	1	1	0.989971141	0.989971141		
	0.989971141	NA	1	0	0.998207054				
CADPS	ENSG00000163618.17		0.322201861	1	1	0.322201861			
	Brain_Spinal_cord_cervical_c-1	0.322201861	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.989943244	-0.989943244	-0.989943244	NA	1	0
	0.998207054								
TSPYL6	ENSG00000178021.10		0.322315248	4	4	0.246503749			
	Brain_Frontal_Cortex_BA9	0.966084757	Brain_Putamen_basal_ganglia						
	3.289647757	0.153912843	0.153912843	-0.388377033	1.15888332				
	0.274613741	0.652041482	4	0	0.998207054				
RP11-141B14.1	ENSG00000270019.1		0.322480394	1	1	0.322480394			
	Brain_Cortex	0.322480394	Brain_Cortex	1	1	1	0.989373584		
	0.989373584	0.989373584	NA	1	0	0.998207054			
CDK5R2	ENSG00000171450.5		0.322517123	1	1	0.322517123			
	Brain_Anterior_cingulate_cortex_BA24	0.322517123							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.98929849				
	-0.98929849	-0.98929849	NA	1	0	0.998207054			
RP5-968J1.1	ENSG00000230839.1		0.322621094	8	7	0.132068635			
	Brain_Putamen_basal_ganglia	0.799090724	Brain_Caudate_basal_ganglia						
	2.070121285	0.002057015	0.694919561	-1.505994309	1.269155203				
	-0.067041043	1.115442317	7	0	0.998207054				
ERCC1	ENSG00000012061.15		0.322673234	2	2	0.481217692			
	Brain_Caudate_basal_ganglia	0.86701678	Brain_Cortex	1.82594542	0.17405458				
	0.17405458	-0.167448991	0.704345412	0.268448211	0.616451734				2
	0	0.998207054							
HCG9	ENSG00000204625.10		0.322711716	1	1	0.322711716			
	Brain_Nucleus_accumbens_basal_ganglia	0.322711716							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.988900725				
	0.988900725	0.988900725	NA	1	0	0.998207054			
SLC22A9	ENSG00000149742.9		0.322770169	3	3	0.21542051	Brain_Cortex		
	0.920663452	Brain_Amygdala	2.513421711	0.131748654	0.131748654				
	-0.099598038	1.238797474	0.423541757	0.715419053	3	0			
	0.998207054								
FBXO46	ENSG00000177051.5		0.322770801	2	2	0.13266972			

	Brain_Substantia_nigra	0.88547946	Brain_Cortex	1.078994116				
	0.921005884	0.921005884	-1.503656947	0.144026607	-0.67981517			
	1.165088214	2	0	0.998207054				
BTRC	ENSG00000166167.17	0.322813786	2	2	0.246386909			
	Brain_Frontal_Cortex_BA9	0.594969369		Brain_Cortex	1.323370223			
	0.676629777	0.676629777	-0.531648642	1.159169972	0.313760665			
	1.195589307	2	0	0.998207054				
CLEC18B	ENSG00000140839.11	0.322998017	3	3	0.12516157			
	Brain_Spinal_cord_cervical_c-1	0.29870793		Brain_Cerebellar_Hemisphere				
	2.090620343	0.138348452	0.138348452	1.039208172	1.533464002			
	1.298015552	0.247954504	3	0	0.998207054			
EFL1	ENSG00000140598.13	0.323125228	3	3	0.141214245			
	Brain_Spinal_cord_cervical_c-1	0.583718231		Brain_Caudate_basal_ganglia				
	1.311904253	0.773912683	0.773912683	-1.471284308	0.547961656			
	-0.683799445	1.080451109	3	0	0.998207054			
RP11-474D1.3	ENSG00000214039.8	0.323142739	2	2	0.151804235			
	Brain_Putamen_basal_ganglia	0.581219015		Brain_Cerebellum	1.069498917			
	0.930501083	0.930501083	0.551604993	1.433187589	0.992396291			
	0.623373032	2	0	0.998207054				
METTL18	ENSG00000171806.11	0.323298646	13	1	0.152479379			
	Brain_Substantia_nigra	0.517625633		Brain_Amygdala	12.6418991	9.86E-05		
	12.6418991	0.64700975	1.430828478	0.973672064	0.198329486	1	0	
	0.998207054							
SYCE1L	ENSG00000205078.5	0.323331904	12	1	0.237867182			
	Brain_Cortex	0.383670342		Brain_Nucleus_accumbens_basal_ganglia				
	11.80400713	0.000286013	11.80400713	0.871153507	1.180334549			
	0.979620728	0.087571967	1	0	0.998207054			
PIM3	ENSG00000198355.4	0.323366438	1	1	0.323366438		Brain_Cerebellum	
	0.323366438	Brain_Cerebellum	1	1	0.987563564	0.987563564		
	0.987563564	NA	1	0	0.998207054			
GNA11	ENSG00000088256.8	0.323371031	1	1	0.323371031			
	Brain_Spinal_cord_cervical_c-1	0.323371031		Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.98755419	-0.98755419	-0.98755419	NA	1
	0.998207054							0
PPP1R8	ENSG00000117751.17	0.32340824	1	1	0.32340824		Brain_Cortex	
	0.32340824	Brain_Cortex	1	1	1	-0.987478252	-0.987478252	
	-0.987478252	NA	1	0	0.998207054			
RP11-826N14.4	ENSG00000251623.1	0.323455861	7	5	0.112507797			
	Brain_Cerebellum	0.978765828		Brain_Anterior_cingulate_cortex_BA24				
	5.137669022	0.043389381	0.182118385	-0.639078054	1.587021405			
	0.126013688	0.731491974	5	0	0.998207054			
MRPL34	ENSG00000130312.6	0.323548027	13	1	0.16577109			
	Brain_Anterior_cingulate_cortex_BA24	0.599089737		Brain_Cerebellar_Hemisphere				
	12.51261842	3.75E-05	12.51261842	0.525709968	1.385920796			
	0.970713146	0.213691066	1	0	0.998207054			
SWAP70	ENSG00000133789.14	0.323631187	2	2	0.198641988			
	Brain_Cerebellum	0.448683777		Brain_Caudate_basal_ganglia	1.015135204			
	0.984864796	0.984864796	-0.757611193	1.285430216	0.263909512			
	1.444648434	2	0	0.998207054				
TP53	ENSG00000141510.16	0.323853043	1	1	0.323853043			
	Brain_Putamen_basal_ganglia	0.323853043		Brain_Putamen_basal_ganglia	1	1		
	1	-0.986570897	-0.986570897	-0.986570897	NA	1	0	
	0.998207054							
RAB15	ENSG00000139998.14	0.323924375	5	4	0.066339527			
	Brain_Hippocampus	0.838342011		Brain_Substantia_nigra	3.209132633			
	0.072732486	0.225423981	-1.836122596	-0.204014701	-1.046270379			
	0.579692687	4	0	0.998207054				
TLL1	ENSG00000038295.7	0.323989198	2	2	0.133631022			
	Brain_Hypothalamus	0.884258388		Brain_Cerebellum	1.05348541	0.94651459		
	0.94651459	0.145573121	1.499935845	0.822754483	0.957679066	2		
	0	0.998207054						
CNKSR3	ENSG00000153721.18	0.32399897	3	3	0.071638098		Brain_Cerebellum	

	0.917989761	Brain_Spinal_cord_cervical_c-1	1.049427588	0.933178972
	0.933178972	-0.102966245	1.801411164	0.686983202
	3	0	0.998207054	0.992788024
LINC00265	ENSG00000188185.11	0.324091657	4	4
	Brain_Nucleus_accumbens_basal_ganglia	0.754803397	Brain_Putamen_basal_ganglia	0.201807618
	2.174083845	0.209072648	0.209072648	-1.276418504
	0.259772252	1.088648658	4	0
	0.998207054			
RBAK	ENSG00000146587.17	0.324115753	11	6
	Brain_Caudate_basal_ganglia	0.811951631	Brain_Cerebellum	8.163680625
	0.00955286	0.287827839	-0.237909056	1.810477889
	0.596547446	6	0	0.998207054
ZBED3	ENSG00000132846.5	0.324139442	1	1
	Brain_Amygdala	1	1	1
	0.324139442	Brain_Amygdala	1	1
	-0.985987101	NA	1	0
	0.998207054			
ENPP5	ENSG00000112796.9	0.324147543	13	1
	Brain_Spinal_cord_cervical_c-1	0.720311383	Brain_Cortex	12.06796587
	0.005029295	12.06796587	-0.358042668	1.420521383
	0.486482574	1	0	0.998207054
AC114730.2	ENSG00000235151.1	0.324288023	1	1
	Brain_Cerebellum	0.324288023	Brain_Cerebellum	1
	-0.985684368	-0.985684368	NA	1
	0.998207054			
DTX1	ENSG00000135144.7	0.324391684	2	2
	Brain_Cerebellar_Hemisphere	0.489272783	Brain_Cortex	1.056646421
	0.943353579	0.943353579	0.691465931	1.368752189
	0.478913705	2	0	0.998207054
CDA	ENSG00000158825.5	0.324401554	8	3
	Brain_Frontal_Cortex_BA9	0.28433918	Brain_Cortex	6.826256919
	0.320634981	1.070622549	2.040183778	1.555771641
	3	0	0.998207054	0.308591159
CDCA7	ENSG00000144354.13	0.324457299	2	2
	Brain_Cortex	1.167930109	Brain_Cerebellum	0.832069891
	0.357280743	Brain_Cortex	1.167930109	0.832069891
	-1.013394488	0.920558949	-0.04641777	1.36751159
	0.998207054			2
RNFT1	ENSG00000189050.15	0.324815484	1	1
	Brain_Cortex	1	1	1
	0.324815484	Brain_Cortex	1	1
	NA	1	0	0.998207054
ALDH18A1	ENSG00000059573.8	0.324865563	3	2
	Brain_Cerebellar_Hemisphere	0.766508799	Brain_Nucleus_accumbens_basal_ganglia	0.264810372
	2.387701379	0.018987959	0.593310662	-0.296944608
	0.613799982	0.790063629	2	0
	0.998207054			
CHN2	ENSG00000106069.21	0.324879256	2	2
	Brain_Cerebellar_Hemisphere	0.345416353	Brain_Nucleus_accumbens_basal_ganglia	0.274722026
	1.074219767	0.925780233	0.925780233	-1.092252743
	-1.017885039	0.105171816	2	0
	0.998207054			
BSND	ENSG00000162399.6	0.324889469	5	2
	Brain_Caudate_basal_ganglia	0.403290206	Brain_Nucleus_accumbens_basal_ganglia	0.16644341
	4.655952334	0.003036614	0.196647883	0.835759516
	1.1981726	0.22672908	2	0
	0.998207054			
ADRA1B	ENSG00000170214.3	0.324896376	1	1
	Brain_Caudate_basal_ganglia	0.324896376	Brain_Caudate_basal_ganglia	1
	1	0.984445784	0.984445784	0.984445784
	0.998207054			NA
				1
				0
ABI3	ENSG00000108798.8	0.325022272	1	1
	Brain_Cortex	1	1	1
	0.325022272	Brain_Cortex	1	1
	0.984189654	NA	1	0
	0.998207054			
TTL3	ENSG00000214021.15	0.325123322	8	3
	Brain_Spinal_cord_cervical_c-1	0.595431293	Brain_Cortex	6.721220744
	0.004055825	0.266356841	0.530981941	1.770857921
	0.432461675	3	0	0.998207054
TRAPPC1	ENSG00000170043.11	0.32513679	1	1
	Brain_Caudate_basal_ganglia	0.32513679	Brain_Caudate_basal_ganglia	1
	-0.983956727	-0.983956727	-0.983956727	NA
				1
				0
				0.998207054

PPP1R2	ENSG00000184203.7	0.325221458	1	1	0.325221458			
	Brain_Spinal_cord_cervical_c-1	0.325221458				Brain_Spinal_cord_cervical_c-1		
	1 1 1	-0.983784549	-0.983784549	-0.983784549	NA	1	0	
	0.998207054							
IQCA1	ENSG00000132321.16	0.325233187	4	4	0.204523901			
	Brain_Nucleus_accumbens_basal_ganglia	0.841133177				Brain_Cerebellar_Hemisphere		
	2.097312698	0.252488624	0.252488624	-1.268767776	1.070225978			
	-0.213166781	0.969432727	4	0	0.998207054			
CR2	ENSG00000117322.17	0.325300687	1	1	0.325300687			
	Brain_Hypothalamus	0.325300687				Brain_Hypothalamus	1	1
	-0.983623457	-0.983623457	-0.983623457	NA	1	0	0.998207054	
NFKB1B	ENSG00000104825.16	0.325391747	6	4	0.187067112			
	Brain_Putamen_basal_ganglia	0.951785914				Brain_Cerebellum	4.026507823	
	0.047217302	0.259309059	-1.319305164	-0.060464218	-0.587131281			
	0.566779811	4	0	0.998207054				
A3GALT2	ENSG00000184389.9	0.32541259	2	1	0.205372907			Brain_Cerebellum
	0.496175025	Brain_Cerebellar_Hemisphere	1.959773113	0.040226887				
	1.959773113	-1.266391627	-0.680520375	-0.973456001	0.414273535			
	1	0	0.998207054					
FANCA	ENSG00000187741.14	0.325415706	6	6	0.041410502			
	Brain_Hippocampus	0.943551733				Brain_Frontal_Cortex_BA9	2.069348186	
	0.383349175	0.383349175	-1.01738037	2.039396191	0.760925027			
	1.202920841	6	0	0.998207054				
DTNBPI	ENSG00000047579.19	0.325503401	5	5	0.055174538			
	Brain_Nucleus_accumbens_basal_ganglia	0.930546343				Brain_Hippocampus		
	3.057177168	0.163687091	0.163687091	-0.087157473	1.917499236			
	0.914025603	0.831418266	5	0	0.998207054			
HELLS	ENSG00000119969.14	0.325579917	3	1	0.283834801			Brain_Cerebellum
	0.380032227	Brain_Cerebellar_Hemisphere	2.905777048	0.025099605				
	2.905777048	-1.071744515	-0.877836918	-0.967556101	0.097760207			
	1	0	0.998207054					
ARF1	ENSG00000143761.15	0.325684529	1	1	0.325684529			
	Brain_Caudate_basal_ganglia	0.325684529				Brain_Caudate_basal_ganglia	1	1
	1	-0.982843379	-0.982843379	-0.982843379	NA	1	0	
	0.998207054							
NBL1	ENSG00000158747.13	0.325902838	7	7	0.1258078			Brain_Cerebellum
	0.905013687	Brain_Frontal_Cortex_BA9	3.66314681	0.149059598				
	0.149059598	-0.795941136	1.530844615	0.57774943	0.786511447			7
	0	0.998207054						
GEMIN6	ENSG00000152147.10	0.325910106	1	1	0.325910106			
	Brain_Spinal_cord_cervical_c-1	0.325910106				Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.982385218	0.982385218	0.982385218	NA	1
	0.998207054							0
RP11-321G12.1	ENSG00000259459.5	0.326016167	8	6	0.06630504			
	Brain_Nucleus_accumbens_basal_ganglia	0.996884094				Brain_Substantia_nigra		
	5.27170801	0.048239308	0.229819342	-0.003905219	1.836355879			
	1.223377941	0.683216146	6	0	0.998207054			
MECR	ENSG00000116353.15	0.326036632	7	4	0.059534492			
	Brain_Substantia_nigra	0.900701232				Brain_Nucleus_accumbens_basal_ganglia		
	4.499626627	0.040620934	0.413828822	-0.3545511	1.884225412			
	0.490311563	0.708848936	4	0	0.998207054			
C2CD4D	ENSG00000225556.1	0.326172607	2	2	0.280472625			
	Brain_Cerebellar_Hemisphere	0.387594867				Brain_Amygdala	1.149696556	
	0.850303444	0.850303444	-1.079258236	0.863987301	-0.107635468			
	1.374082097	2	0	0.998207054				
DCC	ENSG00000187323.11	0.326418572	1	1	0.326418572			
	Brain_Cerebellar_Hemisphere	0.326418572				Brain_Cerebellar_Hemisphere	1	1
	1	-0.981353249	-0.981353249	-0.981353249	NA	1	0	
	0.998207054							
NDUFS5	ENSG00000168653.10	0.326529533	10	3	0.250758153			
	Brain_Anterior_cingulate_cortex_BA24	0.951348804				Brain_Cerebellar_Hemisphere		
	8.426549026	0.001969027	0.464280844	-1.14850984	0.279762857			

	-0.542040284	0.521979424	3	0	0.998207054				
ANKS1B	ENSG00000185046.18	0.32653272	2	2	0.235001662				
	Brain_Caudate_basal_ganglia	0.612377731			Brain_Hippocampus	1.303484154			
	0.696515846	0.696515846			-0.50668233	1.187573048			0.340445359
	1.198019467	2	0		0.998207054				
HAVCR1	ENSG00000113249.12	0.326559256	1	1	0.326559256				
	Brain_Frontal_Cortex_BA9	0.326559256			Brain_Frontal_Cortex_BA9	1	1		
	1	0.981067905	0.981067905	0.981067905	NA	1	0		
	0.998207054								
GZMK	ENSG00000113088.5	0.326691078	1	1	0.326691078				
	Brain_Hippocampus	0.326691078			Brain_Hippocampus	1	1	1	
	-0.98080061	-0.98080061	-0.98080061	NA	1	0			0.998207054
WTH3DI	ENSG00000233087.7	0.326775325	5	4	0.088908311				
	Brain_Amygdala	0.961515713			Brain_Caudate_basal_ganglia	2.752664067			
	0.088542701	0.290284488			-1.701184696	-0.048251618			-0.764488518
	0.62812265	4	0		0.998207054				
CLRN3	ENSG00000180745.4	0.326832959	3	3	0.143020101				Brain_Cortex
	0.442813813	Brain_Frontal_Cortex_BA9	1.797091427		0.209541472				
	0.209541472	0.767450333	1.464636564		1.071989558				0.35684646
	0	0.998207054							
PTGIS	ENSG00000124212.5	0.326898574	1	1	0.326898574				Brain_Cortex
	0.326898574	Brain_Cortex	1	1	1	-0.980380009			-0.980380009
	-0.980380009	NA	1	0	0.998207054				
RP1-35C21.2	ENSG00000227579.5	0.326919202	3	3	0.096471102				
	Brain_Anterior_cingulate_cortex_BA24	0.703125159			Brain_Amygdala				
	1.128545852	0.884839585	0.884839585		-1.662207873				0.955121899
	-0.362730404	1.308761632	3	0	0.998207054				
MFNG	ENSG00000100060.17	0.326964558	1	1	0.326964558				
	Brain_Nucleus_accumbens_basal_ganglia	0.326964558							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.980246295				
	-0.980246295	-0.980246295	NA	1	0	0.998207054			
CDH4	ENSG00000179242.15	0.326965448	1	1	0.326965448				Brain_Cerebellum
	0.326965448	Brain_Cerebellum	1	1	1	-0.98024449			-0.98024449
	-0.98024449	NA	1	0	0.998207054				
RSPH1	ENSG00000160188.9	0.326991105	6	3	0.136477738				
	Brain_Frontal_Cortex_BA9	0.852061529			Brain_Cortex	4.731014113			
	0.050340526	0.184722329	-1.489036575		0.533233532				-0.009330568
	0.771081989	3	0		0.998207054				
C15orf39	ENSG00000167173.18	0.327019729	1	1	0.327019729				
	Brain_Frontal_Cortex_BA9	0.327019729			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.980134504	-0.980134504	-0.980134504	NA	1	0		
	0.998207054								
NFIB	ENSG00000147862.15	0.327026875	1	1	0.327026875				
	Brain_Spinal_cord_cervical_c-1	0.327026875			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.980120026	0.980120026	0.980120026	NA	1	0
	0.998207054								
LAMC2	ENSG00000058085.14	0.327195041	10	10	0.053672484				
	Brain_Hypothalamus	0.913702184			Brain_Caudate_basal_ganglia	2.018545242			
	0.366653633	0.366653633	-1.929470463		1.223581337				-0.528750258
	0.961625978	10	0		0.998207054				
ZDHHC3	ENSG00000163812.13	0.32729874	3	2	0.171926099				
	Brain_Putamen_basal_ganglia	0.622397649			Brain_Hippocampus	2.706705833			
	0.032638834	0.260655333	-1.366040988		-0.492455109				-0.913317633
	0.437663577	2	0		0.998207054				
TANC1	ENSG00000115183.14	0.327387629	3	3	0.158386624				
	Brain_Cerebellar_Hemisphere	0.245326429			Brain_Spinal_cord_cervical_c-1				
	1.920565245	0.07853208	0.07853208	1.161776088	1.410518546				
	1.310567102	0.131366587	3	0	0.998207054				
SAMD9L	ENSG00000177409.11	0.327422181	10	3	0.310964611				
	Brain_Anterior_cingulate_cortex_BA24	0.847314076			Brain_Cerebellum				
	8.228136504	0.021876926	0.289773349		-1.013200062				0.498139313
	-0.443303939	0.425924191	3	0	0.998207054				

SLN ENSG00000170290.3 0.327460491 6 3 0.24608719
Brain_Nucleus_accumbens_basal_ganglia 0.968641223 Brain_Frontal_Cortex_BA9
4.768450691 0.014824049 0.186453631 -1.159905729 -0.039312523
-0.563625868 0.410288076 3 0 0.998207054
OSBP2 ENSG00000184792.15 0.327545903 4 2 0.114406819 Brain_Cerebellum
0.493362015 Brain_Hypothalamus 3.018435671 0.023435523
0.873124715 -1.578691572 -0.684971326 -1.245312175 0.402711366
2 0 0.998207054
MRGPRF ENSG00000172935.8 0.327728603 4 4 0.173082914
Brain_Cortex 0.692919482 Brain_Cerebellum 1.85847885 0.201883964
0.201883964 -1.362364396 0.394896217 -0.656620124 0.768069331
4 0 0.998207054
FSIP1 ENSG00000150667.6 0.327737713 1 1 0.327737713
Brain_Caudate_basal_ganglia 0.327737713 Brain_Caudate_basal_ganglia 1 1
1 -0.978680818 -0.978680818 -0.978680818 NA 1 0
0.998207054
SUMO2 ENSG00000188612.11 0.32796348 1 1 0.32796348 Brain_Cerebellum 0.32796348
Brain_Cerebellum 1 1 1 0.978224139 0.978224139 0.978224139
NA 1 0 0.998207054
CDC42BPA ENSG00000143776.18 0.328203794 3 3 0.447179179
Brain_Cerebellar_Hemisphere 0.725780734 Brain_Putamen_basal_ganglia
1.752086814 0.261110132 0.261110132 -0.550562699 0.760126156
-0.047060038 0.706147354 3 0 0.998207054
KIAA1755 ENSG00000149633.11 0.328364223 2 2 0.19016656
Brain_Frontal_Cortex_BA9 0.39607266 Brain_Putamen_basal_ganglia 1.105202309
0.894797691 0.894797691 0.848656137 1.310086544 1.079371341
0.32628057 2 0 0.998207054
NISCH ENSG00000010322.15 0.328643467 2 2 0.17821729
Brain_Caudate_basal_ganglia 0.595097213 Brain_Nucleus_accumbens_basal_ganglia
1.081095118 0.918904882 0.918904882 -0.5314641 1.346264314
0.407400107 1.327754495 2 0 0.998207054
SLC50A1 ENSG00000169241.17 0.32875864 1 1 0.32875864 Brain_Cerebellum
0.32875864 Brain_Cerebellum 1 1 1 -0.976617323 -0.976617323
-0.976617323 NA 1 0 0.998207054
TRIM27 ENSG00000204713.10 0.328781671 1 1 0.328781671
Brain_Nucleus_accumbens_basal_ganglia 0.328781671
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.976570821
-0.976570821 -0.976570821 NA 1 0 0.998207054
TTC23 ENSG00000103852.12 0.328797447 13 7 0.013337575
Brain_Anterior_cingulate_cortex_BA24 0.692153569 Brain_Cerebellar_Hemisphere
8.226470502 0.001892429 0.363384624 -2.47462605 0.458596727
-1.017253303 0.674128055 7 0 0.998207054
TBX3 ENSG00000135111.15 0.328835878 1 1 0.328835878
Brain_Putamen_basal_ganglia 0.328835878 Brain_Putamen_basal_ganglia 1 1
1 -0.976461379 -0.976461379 -0.976461379 NA 1 0
0.998207054
SPATA5 ENSG00000145375.7 0.328854381 2 2 0.209731599
Brain_Caudate_basal_ganglia 0.398433981 Brain_Cerebellum 1.030250585
0.969749415 0.969749415 0.844421377 1.254303813 1.049362595
0.28983065 2 0 0.998207054
DKKL1 ENSG00000104901.6 0.328993055 1 1 0.328993055
Brain_Nucleus_accumbens_basal_ganglia 0.328993055
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.97614411 0.97614411
0.97614411 NA 1 0 0.998207054
EFCAB5 ENSG00000176927.15 0.32900835 9 5 0.193834674
Brain_Anterior_cingulate_cortex_BA24 0.983757765 Brain_Frontal_Cortex_BA9
6.974673658 0.000411037 0.246226448 -1.299318424 0.725772276
-0.314995473 0.556176081 5 0 0.998207054
DDX6 ENSG00000110367.11 0.329420362 5 4 0.035556441 Brain_Amygdala
0.780376259 Brain_Substantia_nigra 3.279242935 0.083589306
0.224609391 0.278828737 2.101963863 1.482996996 0.721854113
4 0 0.998207054

TWIST2	ENSG00000233608.3	0.329463399	2	2	0.193840011		
	Brain_Spinal_cord_cervical_c-1	0.786485642				Brain_Putamen_basal_ganglia	
	1.63998399	0.36001601	0.36001601	0.270876991	1.299302866	0.785089929	
	0.72720691	2	0	0.998207054			
C5orf38	ENSG00000186493.11	0.329514518	1	1	0.329514518		
	Brain_Cortex	0.329514518				Brain_Cortex	
	-0.975092219	-0.975092219	NA	1	0	0.998207054	-0.975092219
MARCKS	ENSG00000277443.2	0.329527748	1	1	0.329527748		
	Brain_Substantia_nigra	0.329527748				Brain_Substantia_nigra	1
	1	-0.975065546	-0.975065546	-0.975065546	NA	1	0
	0.998207054						
MYADML2	ENSG00000185105.5	0.329579203	11	10	0.091487257		
	Brain_Hippocampus	0.794470749				Brain_Amygdala	2.358402458
	0.274490704	-0.662162573	1.68760407	0.346499798	0.887760147	0.05932234	10
	0	0.998207054					
SOS2	ENSG00000100485.11	0.329793136	3	1	0.286044814		Brain_Cerebellum
	0.37829001	Brain_Cerebellar_Hemisphere	2.987921876	0.00136423	2.987921876		
	-1.066838402	-0.881051382	-0.972640262	0.09292099	1	0	
	0.998207054						
VMAC	ENSG00000187650.3	0.329886419	1	1	0.329886419		Brain_Cortex
	0.329886419	Brain_Cortex	1	1	1	0.974342682	0.974342682
	0.974342682	NA	1	0	0.998207054		
CTU1	ENSG00000142544.6	0.329899008	3	3	0.166798207		Brain_Cerebellum
	0.978218225	Brain_Cerebellar_Hemisphere	1.060023128	0.945916511			
	0.945916511	-1.167876961	1.38256526	0.080663699	1.276058157	3	
	0	0.998207054					
HLTF	ENSG00000071794.15	0.329943311	11	4	0.034099968		
	Brain_Caudate_basal_ganglia	0.461930297				Brain_Hypothalamus	8.54966622
	0.011695469	0.382982039	0.73567206	2.118887586	1.58725991		
	0.432606329	4	0	0.998207054			
CALML4	ENSG00000129007.14	0.329958923	1	1	0.329958923		
	Brain_Cerebellum	0.329958923				Brain_Cerebellum	1
	-0.974196619	-0.974196619	NA	1	0	0.998207054	-0.974196619
HERC3	ENSG00000138641.15	0.330176444	2	2	0.174315696		
	Brain_Substantia_nigra	0.419004601				Brain_Nucleus_accumbens_basal_ganglia	
	1.151829459	0.848170541	0.848170541	-1.35846653	-0.808149368		
	-1.083307949	0.389132997	2	0	0.998207054		
CATSPERG	ENSG00000099338.22	0.330239076	2	2	0.461735418		
	Brain_Anterior_cingulate_cortex_BA24	0.584795526					
	Brain_Spinal_cord_cervical_c-1	1.627065809			0.372934191	0.372934191	
	-0.735992244	0.546393429	-0.094799407	0.906783605	2	0	
	0.998207054						
SCN4B	ENSG00000177098.8	0.330243219	5	5	0.051471782		
	Brain_Frontal_Cortex_BA9	0.776009939				Brain_Cerebellar_Hemisphere	
	2.085739648	0.301657052	0.301657052	-1.947525368	0.326454498		
	-0.657658011	1.096554759	5	0	0.998207054		
KREMEN2	ENSG00000131650.13	0.330376884	1	1	0.330376884		
	Brain_Cortex	0.330376884				Brain_Cortex	1
	-0.973355025	-0.973355025	NA	1	0	0.998207054	-0.973355025
WDSUB1	ENSG00000196151.10	0.330417642	13	3	0.043808032		
	Brain_Putamen_basal_ganglia	0.455292386				Brain_Substantia_nigra	
	10.78603702	0.01380394	0.365169142	-2.015922963	-0.746620972		
	-1.542652683	0.34761188	3	0	0.998207054		
COX5B	ENSG00000135940.6	0.330546625	2	2	0.252054374		
	Brain_Caudate_basal_ganglia	0.87669457				Brain_Putamen_basal_ganglia	1.554580839
	0.445419161	0.445419161	-0.155160776	1.145373735	0.49510648		
	0.919616772	2	0	0.998207054			
DYDC2	ENSG00000133665.12	0.330596683	4	2	0.100300064		
	Brain_Putamen_basal_ganglia	0.753200417				Brain_Cortex	3.179219358
	0.002514627	0.790090791	-0.314422174	1.643400658	0.988284275		
	0.885888839	2	0	0.998207054			
ARL3	ENSG00000138175.8	0.330639572	6	6	0.148426213		

	Brain_Cerebellar_Hemisphere	0.950634859		Brain_Cortex	2.206643159			
	0.094856215	-0.094856215	-0.612567827	1.445112769		0.502655373		
	0.749183348	6	0	0.998207054				
ZNF813	ENSG00000198346.10	0.330647147	1	1	0.330647147			
	Brain_Cortex	0.330647147	Brain_Cortex	1	1	1	-0.972811195	
	-0.972811195	-0.972811195	NA	1	0	0.998207054		
BCL6	ENSG00000113916.17	0.330651547	1	1	0.330651547	Brain_Amygdala		
	0.330651547	Brain_Amygdala	1	1	1	-0.972802344	-0.972802344	
	-0.972802344	NA	1	0	0.998207054			
GLO1	ENSG00000124767.6	0.330673293	10	3	0.319543766			
	Brain_Hippocampus	0.988925909	Brain_Caudate_basal_ganglia	8.498860184				
	0.012478464	0.372550173	-0.995395871	0.37413612	0.071484122			
	0.398931794	3	0	0.998207054				
XPOT	ENSG00000184575.11	0.330735271	1	1	0.330735271			
	Brain_Hippocampus	0.330735271	Brain_Hippocampus	1	1	1		
	-0.972633934	-0.972633934	-0.972633934	NA	1	0	0.998207054	
YIPF5	ENSG00000145817.16	0.330743912	1	1	0.330743912			
	Brain_Nucleus_accumbens_basal_ganglia	0.330743912						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.972616555			
	-0.972616555	-0.972616555	NA	1	0	0.998207054		
TNFRSF14	ENSG00000157873.17	0.330778389	5	4	0.093061992			
	Brain_Amygdala	0.886854638	Brain_Caudate_basal_ganglia	3.311586828				
	0.068820783	0.190602629	0.142285325	1.679462242	0.818558745			
	0.61501236	4	0	0.998207054				
CFAP157	ENSG00000160401.14	0.330898861	3	3	0.424964114			
	Brain_Cerebellar_Hemisphere	0.482789563	Brain_Putamen_basal_ganglia					
	1.560385487	0.488988173	0.488988173	-0.797838676	0.784906749			
	-0.238251637	0.887380733	3	0	0.998207054			
RP11-108M9.6	ENSG00000272426.1	0.330921183	4	4	0.071387856			
	Brain_Hippocampus	0.340351891	Brain_Cortex	1.919006667				
	0.238105283	0.238105283	0.953470193	1.803002284	1.423762332			
	0.375334749	4	0	0.998207054				
TRIM26	ENSG00000234127.8	0.330924744	7	6	0.23284772			
	Brain_Cerebellar_Hemisphere	0.895418142	Brain_Frontal_Cortex_BA9					
	3.844384587	0.095459948	0.337778629	-0.95503315	1.19305529			
	0.264411761	0.840147317	6	0	0.998207054			
CRLF3	ENSG00000176390.11	0.330953604	11	4	0.29466578			
	Brain_Spinal_cord_cervical_c-1	0.954225026						
	Brain_Nucleus_accumbens_basal_ganglia	7.588266132	0.014072277					
	0.358358652	-0.925004268	1.047941024	0.307086792	0.54513015	4		
	0	0.998207054						
POLR2H	ENSG00000163882.9	0.33099727	1	1	0.33099727			
	Brain_Caudate_basal_ganglia	0.33099727	Brain_Caudate_basal_ganglia	1	1	1		
	0.972107101	0.972107101	0.972107101	NA	1	0	0.998207054	
FGD6	ENSG00000180263.13	0.33105803	1	1	0.33105803	Brain_Frontal_Cortex_BA9		
	0.33105803	Brain_Frontal_Cortex_BA9	1	1	1	-0.971984962		
	-0.971984962	-0.971984962	NA	1	0	0.998207054		
CNTRL	ENSG00000119397.16	0.331072502	3	3	0.101031894			
	Brain_Spinal_cord_cervical_c-1	0.971646493						
	Brain_Nucleus_accumbens_basal_ganglia	1.675545046	0.392238438					
	0.392238438	-0.035543334	1.639871471	0.63338697	0.887249018	3		
	0	0.998207054						
PPIL2	ENSG00000100023.18	0.331302494	9	8	0.205219724			
	Brain_Frontal_Cortex_BA9	0.997786095	Brain_Spinal_cord_cervical_c-1					
	3.997130105	0.073206871	0.264948892	-0.87571376	1.266819818			
	0.184539346	0.815872614	8	0	0.998207054			
GRAP2	ENSG00000100351.16	0.331339227	1	1	0.331339227	Brain_Amygdala		
	0.331339227	Brain_Amygdala	1	1	1	0.971419892	0.971419892	
	0.971419892	NA	1	0	0.998207054			
TEX26	ENSG00000175664.9	0.331386775	7	4	0.184597957			
	Brain_Hippocampus	0.987891099	Brain_Nucleus_accumbens_basal_ganglia					
	5.339701887	0.026639726	0.237993478	-0.290825118	1.326730169			

0.270398728	0.556639037	4	0	0.998207054				
CREBBP	ENSG00000005339.14	0.331403586	1	1	0.331403586			
	Brain_Substantia_nigra	0.331403586			Brain_Substantia_nigra	1	1	
1	0.971290606	0.971290606	0.971290606	NA	1	0		
0.998207054								
VPS13C	ENSG00000129003.15	0.331477597	1	1	0.331477597			
	Brain_Cerebellum	0.331477597	Brain_Cerebellum	1	1	1	-0.971141949	
-0.971141949	-0.971141949	NA	1	0	0.998207054			
SEMA6A	ENSG00000092421.16	0.3314872	1	1	0.3314872	Brain_Cerebellum		
0.3314872	Brain_Cerebellum	1	1	0.971122662	0.971122662			
0.971122662	NA	1	0	0.998207054				
TJP2	ENSG00000119139.17	0.3314911	1	1	0.3314911	Brain_Caudate_basal_ganglia		
0.3314911	Brain_Caudate_basal_ganglia	1	1	1	0.97111483	0.97111483		
0.97111483	NA	1	0	0.998207054				
APLP2	ENSG00000084234.16	0.331693333	1	1	0.331693333			
	Brain_Caudate_basal_ganglia	0.331693333	Brain_Caudate_basal_ganglia	1	1			
1	0.970708751	0.970708751	0.970708751	NA	1	0		
0.998207054								
PRMT7	ENSG00000132600.16	0.331881887	12	5	0.013946936	Brain_Cortex		
0.725905094	Brain_Amygdala	7.565589007			0.006068463	0.370871098		
-2.458627208	-0.350577826	-1.522358876			0.819803819	5	0	
0.998207054								
TOMM5	ENSG00000175768.12	0.33193266	1	1	0.33193266			
	Brain_Anterior_cingulate_cortex_BA24	0.33193266						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.970228394			
-0.970228394	-0.970228394	NA	1	0	0.998207054			
NKIRAS1	ENSG00000197885.10	0.331939866	5	5	0.034858888			
	Brain_Hypothalamus	0.884016139	Brain_Anterior_cingulate_cortex_BA24					
2.521314785	0.326610165	0.326610165	-2.109993826	-0.145879976				
-1.034998708	0.72560815	5	0	0.998207054				
ERI3	ENSG00000117419.14	0.331941096	2	2	0.162935985			
	Brain_Caudate_basal_ganglia	0.60256765	Brain_Spinal_cord_cervical_c-1					
1.008583017	0.991416983	0.991416983	-1.39526486	0.52071166				
-0.4372766	1.35479999	2	0	0.998207054				
EPHB1	ENSG00000154928.16	0.331968614	5	5	0.076886533			
	Brain_Hypothalamus	0.996414388	Brain_Putamen_basal_ganglia	1.38854056				
0.584100478	0.584100478	-1.372519338	1.769043996	-0.064985652				
1.17927253	5	0	0.998207054					
BMP7	ENSG00000101144.12	0.332008097	4	4	0.05415294			
	Brain_Substantia_nigra	0.902175215	Brain_Putamen_basal_ganglia					
1.519448103	0.494204647	0.494204647	-1.925611195	0.706386209				
-0.459243602	1.144119942	4	0	0.998207054				
BBS5	ENSG00000163093.11	0.332017005	2	2	0.139420406	Brain_Cerebellum		
0.385113776	Brain_Cerebellar_Hemisphere	1.503338777	0.496661223					
0.496661223	0.868512604	1.477952824	1.173232714	0.430939312				
2	0	0.998207054						
RP11-68606.2	ENSG00000273456.1	0.332195908	8	2	0.126901374			
	Brain_Nucleus_accumbens_basal_ganglia	0.986758411						
	Brain_Spinal_cord_cervical_c-1	7.20516994	0.004002599	0.274499988				
0.016596633	1.526435773	0.756990564	0.424895013	2	0			
0.998207054								
GALK2	ENSG00000156958.14	0.332200274	8	4	0.087836513	Brain_Cortex		
0.826727132	Brain_Anterior_cingulate_cortex_BA24	6.429862712						
0.001149641	0.218892735	-0.218901045	1.706922204	1.102929967				
0.63357543	4	0	0.998207054					
H3F3A	ENSG00000163041.9	0.332302043	13	4	0.132307314	Brain_Cortex		
0.76694882	Brain_Cerebellum	10.39282636	0.002920286	0.415939006				
-1.505065203	0.474225855	-0.45066023	0.534872149	4	0			
0.998207054								
LYRM1	ENSG00000102897.9	0.332314814	1	1	0.332314814			
	Brain_Cerebellar_Hemisphere	0.332314814	Brain_Cerebellar_Hemisphere	1	1			
1	-0.969461834	-0.969461834	-0.969461834	NA	1	0		

0.998207054
ISOC1 ENSG00000066583.11 0.332367981 1 1 0.332367981
Brain_Caudate_basal_ganglia 0.332367981 Brain_Caudate_basal_ganglia 1 1
1 0.969355232 0.969355232 0.969355232 NA 1 0
0.998207054
KLC3 ENSG00000104892.16 0.332593785 6 2 0.153993998
Brain_Frontal_Cortex_BA9 0.322779029 Brain_Cortex 5.402282914
0.010870571 0.348467433 -1.425564816 -0.988763167 -1.179591888
0.201707102 2 0 0.998207054
ERBB4 ENSG00000178568.14 0.33264315 2 2 0.192570729
Brain_Cerebellar_Hemisphere 0.490073095 Brain_Cerebellum 1.83189639 0.16810361
0.16810361 -1.303011813 -0.69019257 -0.996602191 0.433328642 2
0 0.998207054
TTC12 ENSG00000149292.16 0.332665005 13 2 0.128517329
Brain_Frontal_Cortex_BA9 0.832034856 Brain_Amygdala 11.00459718
0.007141539 0.717338417 0.212092519 1.519974722 0.968514221
0.363633017 2 0 0.998207054
PTGES3L ENSG00000267060.5 0.332718538 3 3 0.417501086
Brain_Cortex 0.591777234 Brain_Cerebellar_Hemisphere 2.271802768
0.288570892 0.288570892 -0.810764219 0.536262369 -0.313304541
0.739327251 3 0 0.998207054
IFNAR1 ENSG00000142166.12 0.332746814 2 2 0.138102211
Brain_Cerebellum 0.456663288 Brain_Cerebellar_Hemisphere 1.526073809
0.473926191 0.473926191 -1.482895373 -0.744352434 -1.113623903
0.522228721 2 0 0.998207054
SHISA3 ENSG00000178343.4 0.332883706 6 6 0.0634147
Brain_Hippocampus 0.936278595 Brain_Frontal_Cortex_BA9 2.562328415
0.316581903 0.316581903 -0.517961429 1.856272691 0.386690758
0.858295491 6 0 0.998207054
RP11-138E2.1 ENSG00000270755.1 0.33296216 1 1 0.33296216 Brain_Cerebellum
0.33296216 Brain_Cerebellum 1 1 1 0.968164623 0.968164623
0.968164623 NA 1 0 0.998207054
ZNF282 ENSG00000170265.11 0.333070377 1 1 0.333070377
Brain_Amygdala 0.333070377 Brain_Amygdala 1 1 1 0.967947926
0.967947926 0.967947926 NA 1 0 0.998207054
TP53RK ENSG00000172315.5 0.333097087 1 1 0.333097087
Brain_Amygdala 0.333097087 Brain_Amygdala 1 1 1 0.967894449
0.967894449 0.967894449 NA 1 0 0.998207054
MAN2B1 ENSG00000104774.12 0.333191257 4 3 0.172276578
Brain_Cerebellum 0.536037606 Brain_Spinal_cord_cervical_c-1 2.059685677
0.011006719 0.448258457 -1.364925146 1.208410868 -0.210598292
1.320483846 3 0 0.998207054
ZCCHC7 ENSG00000147905.17 0.333193051 1 1 0.333193051
Brain_Hippocampus 0.333193051 Brain_Hippocampus 1 1 1
-0.967702337 -0.967702337 -0.967702337 NA 1 0 0.998207054
TMEM120B ENSG00000188735.12 0.333219834 2 2 0.139819138
Brain_Cerebellum 0.854343323 Brain_Cerebellar_Hemisphere 1.213014435
0.786985565 0.786985565 -1.476464875 -0.18357953 -0.830022203
0.914207995 2 0 0.998207054
CFAP44 ENSG00000206530.10 0.333280634 3 3 0.087440801
Brain_Cerebellar_Hemisphere 0.636750379 Brain_Frontal_Cortex_BA9
1.594743233 0.402075337 0.402075337 -0.472247164 1.709054791
0.791590365 1.13114999 3 0 0.998207054
DYNLL1 ENSG00000088986.10 0.333546734 6 4 0.04107307
Brain_Frontal_Cortex_BA9 0.759899676 Brain_Caudate_basal_ganglia 3.57928161
0.078577602 0.495148828 -2.042791628 -0.305612534 -0.81684808
0.620427799 4 0 0.998207054
SERPINB9P1 ENSG00000230438.6 0.333630012 13 8 0.06425588
Brain_Spinal_cord_cervical_c-1 0.921467993
Brain_Anterior_cingulate_cortex_BA24 7.221989968 0.008223991
0.278754174 -1.850400268 1.126619842 -0.420673493 0.76298062 8
0 0.998207054

PPT1	ENSG00000131238.16	0.333654793	2	1	0.337960589	Brain_Amygdala			
	0.338780447	Brain_Spinal_cord_cervical_c-1			1.96134498	0.03865502	1.96134498		
	0.956577704	0.958202634	0.957390169		0.001149	1	0		
	0.998207054								
G0S2	ENSG00000123689.5	0.333744237	3	3	0.092617455	Brain_Cortex			
	0.862708393	Brain_Cerebellar_Hemisphere			1.168896723	0.808546059			
	0.808546059	-0.5377973	1.681749344		0.323674838	1.19019211	3	0	
	0.998207054								
LRPPRC	ENSG00000138095.18	0.333833914	13	2	0.131951877				
	Brain_Substantia_nigra	0.383767158			Brain_Amygdala	11.49589719			
	0.000257643	0.800008015	0.870976183		1.506449286	1.118272511			
	0.2208377	2	0	0.998207054					
FLYWCH2	ENSG00000162076.12	0.33386018	2	2	0.156912374				
	Brain_Anterior_cingulate_cortex_BA24	0.875934507			Brain_Cerebellum				
	1.393617596	0.606382404	0.606382404		-1.41553268	-0.156124982			
	-0.785828831	0.890535724	2	0	0.998207054				
MDM2	ENSG00000135679.22	0.333888602	1	1	0.333888602				
	Brain_Spinal_cord_cervical_c-1	0.333888602			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.966310963	-0.966310963	-0.966310963	NA	1	0
	0.998207054								
BHLHA15	ENSG00000180535.3	0.333960199	10	2	0.092108525				
	Brain_Hypothalamus	0.527257158			Brain_Nucleus_accumbens_basal_ganglia				
	8.759547116	0.008060384	0.562687392		-1.684378595	-0.632198529			
	-1.191379557	0.306010547	2	0	0.998207054				
ZNF784	ENSG00000179922.5	0.334217905	2	2	0.259421215				
	Brain_Cortex	0.352001143			Brain_Cerebellar_Hemisphere	1.025000058			
	0.974999942	0.974999942	-1.127760178		0.930714741	-0.098522719			
	1.455561574	2	0	0.998207054					
LINC01833	ENSG00000259439.2	0.334263548	2	2	0.141476498				
	Brain_Putamen_basal_ganglia	0.34894976			Brain_Cerebellum	1.718696871			
	0.281303129	0.281303129	0.936628358		1.470314861	1.203471609			
	0.377373346	2	0	0.998207054					
SLC35B4	ENSG00000205060.10	0.334325993	3	3	0.104139813				
	Brain_Spinal_cord_cervical_c-1	0.66989963			Brain_Cerebellum	2.332132874			
	0.253760675	0.253760675	-0.491574168		1.625106759	0.235748942			
	1.203661913	3	0	0.998207054					
ZNF107	ENSG00000196247.11	0.334548647	10	3	0.088585617				
	Brain_Spinal_cord_cervical_c-1	0.889965676			Brain_Substantia_nigra				
	6.998440131	0.010332937	0.669412382		-1.702906233	0.13834764			
	-0.960086772	0.543784192	3	0	0.998207054				
THBS4	ENSG00000113296.14	0.334565703	1	1	0.334565703				
	Brain_Putamen_basal_ganglia	0.334565703			Brain_Putamen_basal_ganglia	1	1		
	1	-0.964958292	-0.964958292		-0.964958292	NA	1	0	
	0.998207054								
KCNS2	ENSG00000156486.7	0.334647068	3	3	0.184176348				
	Brain_Putamen_basal_ganglia	0.908774442			Brain_Amygdala	1.234779932			
	0.665796164	0.665796164	-0.947898003		1.328005324	0.164897284			
	1.138785545	3	0	0.998207054					
PDE4D	ENSG00000113448.18	0.334718762	1	1	0.334718762				
	Brain_Spinal_cord_cervical_c-1	0.334718762			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.964652763	0.964652763	0.964652763	NA	1	0
	0.998207054								
TBC1D12	ENSG00000108239.8	0.33481242	1	1	0.33481242				
	Brain_Frontal_Cortex_BA9	0.33481242			Brain_Frontal_Cortex_BA9	1	1	1	
	-0.964465854	-0.964465854	-0.964465854		NA	1	0	0.998207054	
PIWIL4	ENSG00000134627.11	0.334856506	2	2	0.145221158				
	Brain_Caudate_basal_ganglia	0.558227031			Brain_Hypothalamus	1.229821223			
	0.770178777	0.770178777	0.585476994		1.456620527	1.021048761			
	0.615991499	2	0	0.998207054					
SETX	ENSG00000107290.13	0.334964727	1	1	0.334964727				
	Brain_Hippocampus	0.334964727			Brain_Hippocampus	1	1	1	
	0.96416197	0.96416197	0.96416197	NA	1	0	0.998207054		

TTC30A	ENSG00000197557.6	0.334975328	6	6	0.062609471		
	Brain_Cerebellum	0.968638078			Brain_Frontal_Cortex_BA9	3.544285956	
	0.127491932	0.127491932			-0.471941126	1.861954731	0.535708534
	0.940551778	6	0	0.998207054			
LLPH	ENSG00000139233.6	0.335090266	1	1	0.335090266		
	Brain_Putamen_basal_ganglia	0.335090266			Brain_Putamen_basal_ganglia	1	1
	1	0.963911563	0.963911563	0.963911563	NA	1	0
	0.998207054						
ERBB2	ENSG00000141736.13	0.335107235	2	2	0.140882606		
	Brain_Frontal_Cortex_BA9	0.915001734			Brain_Hypothalamus	1.163162559	
	0.836837441	0.836837441			0.106731825	1.472512234	0.78962203
	0.965752589	2	0	0.998207054			
CYP26A1	ENSG00000095596.11	0.335141733	1	1	0.335141733		
	Brain_Frontal_Cortex_BA9	0.335141733			Brain_Frontal_Cortex_BA9	1	1
	1	-0.963808922	-0.963808922	-0.963808922	NA	1	0
	0.998207054						
POU6F1	ENSG00000184271.16	0.335159271	3	3	0.37085131		
	Brain_Cerebellar_Hemisphere	0.977306181			Brain_Cerebellum	1.927308234	
	0.134111719	0.134111719			-0.894879868	0.02844632	-0.350904248
	0.483175815	3	0	0.998207054			
CLDN18	ENSG00000066405.12	0.335178863	1	1	0.335178863		
	Brain_Hippocampus	0.335178863			Brain_Hippocampus	1	1
	-0.963734878	-0.963734878			-0.963734878	NA	1
	0.998207054						
ALG6	ENSG00000088035.15	0.335247414	7	5	0.086638507		Brain_Cortex
	0.384756237	Brain_Cerebellum	4.626288788		0.041374177		0.233630291
	-1.336315724	1.713402555	0.914829141		1.038342222		5
	0.998207054						0
FGF1	ENSG00000113578.17	0.335347142	2	2	0.540604551		
	Brain_Putamen_basal_ganglia	0.624190908			Brain_Spinal_cord_cervical_c-1		
	1.721668135	0.278331865	0.278331865		0.489919438		0.611899049
	0.550909243	0.08625261	2	0	0.998207054		
UROD	ENSG00000126088.13	0.335364781	5	4	0.04371649		Brain_Hippocampus
	0.993158499	Brain_Cerebellar_Hemisphere	2.960802049		0.03506407		
	0.159189607	0.008574654	2.016799031		0.568124976		0.829454615
	4	0	0.998207054				
CDV3	ENSG00000091527.15	0.33539036	1	1	0.33539036		Brain_Substantia_nigra
	0.33539036	Brain_Substantia_nigra	1	1	1		-0.963313222
	-0.963313222	-0.963313222	NA	1	0		0.998207054
TAL1	ENSG00000162367.11	0.335482106	3	3	0.068876475		Brain_Cortex
	0.95752206	Brain_Amygdala	1.545894061		0.491273506		0.491273506
	0.053263376	1.819229167	0.852341118		0.894862569		3
	0.998207054						0
SLC4A9	ENSG00000113073.14	0.335563591	1	1	0.335563591		
	Brain_Anterior_cingulate_cortex_BA24	0.335563591					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1			-0.962967983
	-0.962967983	-0.962967983	NA	1	0		0.998207054
HSD17B4	ENSG00000133835.14	0.33563627	4	4	0.129505381		
	Brain_Spinal_cord_cervical_c-1	0.831653711					
	Brain_Nucleus_accumbens_basal_ganglia	1.935851763			0.222275792		
	0.222275792	-1.516055254	-0.212581104		-0.835707116		0.589577726
	4	0	0.998207054				
FAM160A2	ENSG00000051009.10	0.335658935	2	2	0.197008169		
	Brain_Caudate_basal_ganglia	0.872530684			Brain_Cortex	1.389822038	
	0.610177962	0.610177962			-0.160444822		1.290122385
	1.025705909	2	0	0.998207054			0.564838782
UTF1	ENSG00000171794.3	0.335667303	2	2	0.160579714		Brain_Cerebellum
	0.645396398	Brain_Cerebellar_Hemisphere	1.002127767		0.997872233		
	0.997872233	-0.460166941	1.403124507		0.471478783		1.317546018
	2	0	0.998207054				
MUC4	ENSG00000145113.21	0.335735214	9	4	0.159176379		
	Brain_Anterior_cingulate_cortex_BA24	0.859979134			Brain_Putamen_basal_ganglia		
	6.38064972	0.04127152	0.397363255		-1.407847003		0.958238312

	-0.157193075	0.788749374	4	0	0.998207054				
DNAI1	ENSG00000122735.15	0.335793632	2	2	0.224433683				
	Brain_Cerebellar_Hemisphere	0.594856356			Brain_Amygdala	1.234880242			
	0.765119758	0.765119758	-0.531811791		1.214822801	0.341505505			
	1.235057164	2	0	0.998207054					
ARSG	ENSG00000141337.12	0.335938974	1	1	0.335938974				
	Brain_Cerebellar_Hemisphere	0.335938974			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.96222026	-0.96222026	-0.96222026	NA	1	0		
	0.998207054								
9-Sep	ENSG00000184640.17	0.336000673	3	2	0.077898639				
	Brain_Cerebellar_Hemisphere	0.87461366			Brain_Spinal_cord_cervical_c-1				
	1.947853649	0.051240971	1.00090538	-0.157800937	1.763010975				
	0.91208937	0.978948451	2	0	0.998207054				
IFITM10	ENSG00000244242.1	0.336055062	1	1	0.336055062				
	Brain_Putamen_basal_ganglia	0.336055062			Brain_Putamen_basal_ganglia	1	1		
	1	0.961989135	0.961989135	0.961989135	NA	1	0		
	0.998207054								
RP11-493E12.1	ENSG00000271889.1	0.336094403	3	3	0.20704678				
	Brain_Cerebellum	0.892125056			Brain_Cortex	2.19945705	0.316903475		
	0.316903475	-0.135615747	1.261727718		0.436077231	0.732470479			
	3	0	0.998207054						
EXD2	ENSG00000081177.18	0.336135572	1	1	0.336135572				
	Brain_Frontal_Cortex_BA9	0.336135572			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.961828872	-0.961828872	-0.961828872	NA	1	0		
	0.998207054								
NTPCR	ENSG00000135778.11	0.336142904	13	3	0.029215894				
	Brain_Frontal_Cortex_BA9	0.204093677			Brain_Substantia_nigra				
	10.74203876	0.009091655	0.51030809	1.269974603	2.180561118				
	1.540111832	0.254035507	3	0	0.998207054				
SLC26A1	ENSG00000145217.13	0.336274877	11	4	0.053311444				
	Brain_Hypothalamus	0.938234331			Brain_Caudate_basal_ganglia	7.775595782			
	5.74E-18	0.693556808	-1.932389538	0.788483756	-0.07733162				
	0.679428732	4	0	0.998207054					
NTSR2	ENSG00000169006.6	0.33627955	7	3	0.29186839	Brain_Hippocampus			
	0.823555216	Brain_Nucleus_accumbens_basal_ganglia	5.729290047						
	0.015288383	0.302315138	-0.985067496	1.054031731	0.284441595				
	0.639682256	3	0	0.998207054					
USP36	ENSG00000055483.19	0.336551762	11	2	0.129130358	Brain_Cortex			
	0.865991546	Brain_Hypothalamus	9.813868103	5.38E-07	0.980968989				
	-1.517540178	0.168752215	-1.262816235	0.485268052	2	0			
	0.998207054								
FMC1	ENSG00000164898.12	0.336634956	3	3	0.282548499				
	Brain_Anterior_cingulate_cortex_BA24	0.513864236			Brain_Putamen_basal_ganglia				
	1.481768582	0.584923592	0.584923592	-1.074611952	0.764556856				
	-0.320962549	0.963451478	3	0	0.998207054				
SFXN2	ENSG00000156398.12	0.336738039	4	4	0.034557392	Brain_Cortex			
	0.500809023	Brain_Spinal_cord_cervical_c-1	2.618924951	0.100900953					
	0.100900953	0.673217353	2.11350705	1.589798181	0.633486634	4			
	0	0.998207054							
CCDC47	ENSG00000108588.13	0.336867651	1	1	0.336867651				
	Brain_Spinal_cord_cervical_c-1	0.336867651			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.960372742	-0.960372742	-0.960372742	NA	1	0
	0.998207054								
ZNF446	ENSG00000083838.15	0.336885955	1	1	0.336885955				
	Brain_Anterior_cingulate_cortex_BA24	0.336885955							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.960336363				
	0.960336363	0.960336363	NA	1	0	0.998207054			
GRASP	ENSG00000161835.10	0.336920509	1	1	0.336920509				
	Brain_Nucleus_accumbens_basal_ganglia	0.336920509							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.960267686				
	0.960267686	0.960267686	NA	1	0	0.998207054			
DAW1	ENSG00000123977.9	0.336973192	4	4	0.066000629				

	Brain_Frontal_Cortex_BA9	0.245004929		Brain_Putamen_basal_ganglia			
	2.690911482	0.151329915	0.151329915	-1.838419397	1.162567733		
	-1.005606824	1.452971399	4	0	0.998207054		
ELMSAN1	ENSG00000156030.13	0.336975307	5	2	0.081936013		
	Brain_Frontal_Cortex_BA9	0.35916179	Brain_Putamen_basal_ganglia	4.255027229			
	0.018215226	0.554899883	-1.739561679	-0.916963456	-1.325322751		
	0.306431116	2	0	0.998207054			
ATP7B	ENSG00000123191.14	0.336984295	2	2	0.268054293	Brain_Cerebellum	
	0.519914788	Brain_Cerebellar_Hemisphere	1.266628759	0.733371241			
	0.733371241	-1.107554429	0.643476762	-0.232038833	1.23816603	2	
	0	0.998207054					
UTRN	ENSG00000152818.18	0.337105591	3	3	0.13030622		
	Brain_Putamen_basal_ganglia	0.802355544	Brain_Caudate_basal_ganglia				
	1.515946482	0.661927948	0.661927948	-1.51289544	0.625444501		
	-0.379250232	1.074986323	3	0	0.998207054		
CHL1	ENSG00000134121.9	0.337113944	4	4	0.213297799		
	Brain_Frontal_Cortex_BA9	0.68614147	Brain_Substantia_nigra	1.980137958			
	0.105620893	0.105620893	-1.244548396	0.404096892	-0.575903443		
	0.732476412	4	0	0.998207054			
RP11-359E10.1	ENSG00000270607.1	0.337123173	2	2	0.302890119		
	Brain_Cerebellar_Hemisphere	0.332788245	Brain_Caudate_basal_ganglia				
	1.080683217	0.919316783	0.919316783	-1.030255423	0.968512969		
	-0.030871227	1.413342684	2	0	0.998207054		
PARD3	ENSG00000148498.15	0.337343317	1	1	0.337343317		
	Brain_Spinal_cord_cervical_c-1	0.337343317	Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.959427718	-0.959427718	NA	1
	0.998207054						0
TRAF4	ENSG00000076604.14	0.337487629	5	2	0.134888415		
	Brain_Putamen_basal_ganglia	0.479832362	Brain_Nucleus_accumbens_basal_ganglia				
	4.599160781	0.008468591	0.292040189	-1.495099736	-0.706572213		
	-1.138010564	0.348360775	2	0	0.998207054		
C14orf178	ENSG00000197734.8	0.33773993	2	2	0.211929736		
	Brain_Nucleus_accumbens_basal_ganglia	0.462053303	Brain_Caudate_basal_ganglia				
	1.883243631	0.116756369	0.116756369	-1.248276723	-0.735470003		
	-0.991873363	0.362609109	2	0	0.998207054		
AC114877.3	ENSG00000234165.1	0.337818641	1	1	0.337818641		
	Brain_Cerebellum	0.337818641	Brain_Cerebellum	1	1	1	0.958484228
	0.958484228	0.958484228	NA	1	0	0.998207054	
EIF4B	ENSG00000063046.17	0.337869158	7	6	0.06590608		
	Brain_Frontal_Cortex_BA9	0.926155719	Brain_Hippocampus	4.556567418			
	0.070248978	0.229112146	-0.092682602	1.839061913	0.664660779		
	0.627851525	6	0	0.998207054			
CFB	ENSG00000243649.8	0.337941018	1	1	0.337941018		
	Brain_Putamen_basal_ganglia	0.337941018	Brain_Putamen_basal_ganglia	1	1		
	1	0.958241454	0.958241454	0.958241454	NA	1	0
	0.998207054						
N4BP2L2	ENSG00000244754.8	0.338012499	2	2	0.143332779		
	Brain_Caudate_basal_ganglia	0.75117626	Brain_Frontal_Cortex_BA9	1.323937555			
	0.676062445	0.676062445	-1.463492079	-0.317088752	-0.890290415		
	0.810629567	2	0	0.998207054			
HAS3	ENSG00000103044.10	0.338015672	4	4	0.071197255	Brain_Amygdala	
	0.996416599	Brain_Nucleus_accumbens_basal_ganglia	2.136049008				
	0.278523277	0.278523277	-0.949644821	1.804217259	0.081185239		
	1.211976853	4	0	0.998207054			
ABCA7	ENSG00000064687.12	0.338045967	8	6	0.025770856		
	Brain_Frontal_Cortex_BA9	0.960379248	Brain_Putamen_basal_ganglia				
	4.576017464	0.003195433	0.269095298	-2.229647471	0.187677387		
	-0.595174595	0.849290013	6	0	0.998207054		
RP11-98O2.1	ENSG00000250501.2	0.338156509	1	1	0.338156509		
	Brain_Nucleus_accumbens_basal_ganglia	0.338156509					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.957814097		
	0.957814097	0.957814097	NA	1	0	0.998207054	

LINC00950	ENSG00000281205.1	0.338244016	10	3	0.095665761	
	Brain_Anterior_cingulate_cortex_BA24	0.9114974			Brain_Frontal_Cortex_BA9	
	8.026559021	0.006224138	0.423019909		-1.666239303	0.724064356
	-0.484273016	0.667522502	3	0	0.998207054	
DRICH1	ENSG00000189269.12	0.338264045	12	1	0.148036285	
	Brain_Anterior_cingulate_cortex_BA24	0.574105911			Brain_Putamen_basal_ganglia	
	11.23464348	0.001793339	11.23464348		0.562014836	1.446502594
	0.925473031	0.225763672	1	0	0.998207054	
MYRFL	ENSG00000166268.10	0.338303586	13	1	0.2426095	Brain_Amygdala
	0.547686966	Brain_Spinal_cord_cervical_c-1			12.47097451	0.002736953
	12.47097451	0.601229759	1.168489183		0.936884315	0.162678597
	1	0	0.998207054			
FAM178B	ENSG00000168754.14	0.338324263	7	7	0.270826295	
	Brain_Frontal_Cortex_BA9	0.662277919			Brain_Cortex	2.668641201
	0.110382276	0.110382276	-1.101161682		1.011129718	0.179671056
	0.833601141	7	0	0.998207054		
MAPK12	ENSG00000188130.13	0.338387137	13	2	0.104196004	
	Brain_Cerebellar_Hemisphere	0.535441154			Brain_Amygdala	11.72936142
	4.46E-05	0.431352093	-1.624843058		-0.619721506	-1.253119095
	0.282009709	2	0	0.998207054		
RP11-321M21.4	ENSG00000276993.1	0.33842501	2	2	0.245571164	
	Brain_Cortex	0.550998813			Brain_Frontal_Cortex_BA9	1.242427905
	0.757572095	0.757572095	-1.161173954		0.596264096	-0.282454929
	1.242696363	2	0	0.998207054		
PEBP1	ENSG00000089220.4	0.338484936	11	8	0.077950645	
	Brain_Frontal_Cortex_BA9	0.953570876			Brain_Anterior_cingulate_cortex_BA24	
	6.236043332	0.006947812	0.216680883		-0.181994215	1.762702701
	0.574661219	0.614745957	8	0	0.998207054	
DYDC1	ENSG00000170788.13	0.338558109	1	1	0.338558109	
	Brain_Nucleus_accumbens_basal_ganglia	0.338558109				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.95701812	0.95701812
	0.95701812	NA	1	0	0.998207054	
RP11-795F19.5	ENSG00000267127.7	0.338660893	10	2	0.27666982	
	Brain_Cerebellum	0.991780544			Brain_Cortex	8.435098619
	0.776531427	-1.087830777	0.202710029		-0.393036698	0.004851767
	2	0	0.998207054		0.472629208	
RP11-718O11.1	ENSG00000259200.1	0.338667284	2	2	0.285473291	
	Brain_Putamen_basal_ganglia	0.405798104			Brain_Caudate_basal_ganglia	
	1.157554828	0.842445172	0.842445172		-0.831310749	1.06810469
	0.118396971	1.343089537	2	0	0.998207054	
EEPDP1	ENSG00000122547.10	0.338781419	2	2	0.232257159	Brain_Cerebellum
	0.504077843	Brain_Caudate_basal_ganglia	1.15148737	0.84851263	0.84851263	
	0.668087339	1.194564671	0.931326005		0.372275691	2
	0.998207054				0	
SDC4	ENSG00000124145.6	0.338866834	2	2	0.152765612	Brain_Cerebellum
	0.263800261	Brain_Cerebellar_Hemisphere	1.891316462		0.108683538	
	0.108683538	1.117453991	1.429830711		1.273642351	0.220883697
	2	0	0.998207054			
APC2	ENSG00000115266.11	0.338907498	11	1	0.283686962	Brain_Cortex
	0.609764879	Brain_Putamen_basal_ganglia	10.8039522	7.38E-17	10.8039522	
	-1.07207363	-0.510409106	-0.946354328		0.159594177	1
	0.998207054				0	
SPATA13	ENSG00000182957.15	0.338928298	1	1	0.338928298	
	Brain_Nucleus_accumbens_basal_ganglia	0.338928298				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.956284937	
	0.956284937	0.956284937	NA	1	0	0.998207054
RP1-111D6.3	ENSG00000228408.6	0.339004071	13	3	0.028579544	
	Brain_Putamen_basal_ganglia	0.367037171			Brain_Frontal_Cortex_BA9	
	11.00560796	0.0036198	0.528351395		0.902037079	2.189238031
	1.528735539	0.311142985	3	0	0.998207054	
EHD3	ENSG00000013016.15	0.339134969	1	1	0.339134969	Brain_Cortex
	0.339134969	Brain_Cortex	1	1	1	0.955875835
					0.955875835	0.955875835

	0.955875835	NA	1	0	0.998207054				
ZNF84	ENSG00000198040.10		0.3392663	3	3	0.242780685			
	Brain_Cerebellar_Hemisphere		0.826749783			Brain_Spinal_cord_cervical_c-1			
	1.437644927		0.650342622		0.650342622	-1.017157447		1.168064656	
	0.123259726		1.095744124		3	0	0.998207054		
ZNF304	ENSG00000131845.14		0.339299018		13	2	0.150783792		
	Brain_Amygdala		0.664841568			Brain_Spinal_cord_cervical_c-1		11.5680097	
	0.000232879		0.556173378		0.433238423	1.436768471		0.914136408	
	0.265296048		2	0	0.998207054				
RP11-72304.9	ENSG00000261159.1		0.339570039		12	1	0.186334289		
	Brain_Putamen_basal_ganglia		0.699497113			Brain_Frontal_Cortex_BA9			
	10.97042178		0.003903775		10.97042178	-1.32150124		-0.385999401	
	-0.908485914		0.242661244		1	0	0.998207054		
RP11-707A18.1	ENSG00000250125.1		0.339765889		5	4	0.046909897		
	Brain_Frontal_Cortex_BA9		0.737498585			Brain_Hippocampus		3.242078995	
	0.068750256		0.238735888		-1.987112812	-0.335167701		-1.437044174	
	0.644217101		4	0	0.998207054				
MTX1	ENSG00000173171.14		0.339940312		1	1	0.339940312		Brain_Cerebellum
	0.339940312		Brain_Cerebellum		1	1	0.954283195		0.954283195
	0.954283195		NA	1	0	0.998207054			
ROPN1B	ENSG00000114547.9		0.339954938		11	2	0.086966049		
	Brain_Spinal_cord_cervical_c-1		0.40423903			Brain_Substantia_nigra			
	10.13925033		0.001717693		0.437164953	0.834074453		1.71162364	
	1.195273757		0.267311244		2	0	0.998207054		
LRRC57	ENSG00000180979.9		0.340037742		3	2	0.248684683		
	Brain_Hypothalamus		0.79517687			Brain_Caudate_basal_ganglia		2.697801636	
	0.028934643		0.27326372		0.259594123	1.15355006		0.612580146	
	0.475702388		2	0	0.998207054				
DPM2	ENSG00000136908.17		0.340113447		11	2	0.28894211		
	Brain_Frontal_Cortex_BA9		0.86241482			Brain_Cerebellum		10.12663654	
	0.001943264		0.338247421		0.173301023	1.060445197		0.702491277	
	0.323421477		2	0	0.998207054				
SLC4A3	ENSG00000114923.16		0.340240303		1	1	0.340240303		
	Brain_Frontal_Cortex_BA9		0.340240303			Brain_Frontal_Cortex_BA9		1	1
	1		-0.953690555		-0.953690555	-0.953690555		NA	1
	0.998207054							0	
GOLGA8N	ENSG00000232653.8		0.340431167		13	12	0.057000972		
	Brain_Cerebellum		0.896392825			Brain_Nucleus_accumbens_basal_ganglia			
	3.592437032		0.060503928		0.299167008	-1.903303363		1.518731534	
	-0.361952617		1.003633099		12	0	0.998207054		
CWF19L2	ENSG00000152404.15		0.340492334		5	3	0.271492221		
	Brain_Frontal_Cortex_BA9		0.504533719			Brain_Anterior_cingulate_cortex_BA24			
	3.592518226		0.00018823		0.602823402	-0.882039979		1.099632625	
	0.531020362		0.817797712		3	0	0.998207054		
BCAR1	ENSG00000050820.16		0.340571971		5	5	0.192609326		
	Brain_Putamen_basal_ganglia		0.841875169			Brain_Hippocampus		2.420852017	
	0.307999268		0.307999268		-0.538762724	1.302898765		0.498664335	
	0.827455968		5	0	0.998207054				
TIRAP	ENSG00000150455.13		0.340636948		6	6	0.034930572		
	Brain_Caudate_basal_ganglia		0.71373282			Brain_Hypothalamus		3.106811808	
	0.201909689		0.201909689		-2.109162331	0.366847439		-0.780679677	
	0.839821178		6	0	0.998207054				
RP11-20E24.1	ENSG00000257526.2		0.340755207		1	1	0.340755207		
	Brain_Hypothalamus		0.340755207			Brain_Hypothalamus		1	1
	0.952674125		0.952674125		0.952674125	NA		1	0
								0.998207054	
SYNPO	ENSG00000171992.12		0.340827948		1	1	0.340827948		
	Brain_Substantia_nigra		0.340827948			Brain_Substantia_nigra		1	1
	1		-0.952530612		-0.952530612	-0.952530612		NA	1
	0.998207054							0	
RAD1	ENSG00000113456.18		0.34090823		3	3	0.149370278		
	Brain_Putamen_basal_ganglia		0.725431411			Brain_Frontal_Cortex_BA9			
	1.228980563		0.773782189		0.773782189	-1.441759335		-0.351209196	

	-0.975329293	0.562116105	3	0	0.998207054				
TSHZ1	ENSG00000179981.9	0.340962341	1	1	0.340962341				
	Brain_Cerebellar_Hemisphere	0.340962341			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.952265518	-0.952265518	-0.952265518	NA	1	0		
	0.998207054								
ITIH3	ENSG00000162267.12	0.341063272	1	1	0.341063272				
	Brain_Caudate_basal_ganglia	0.341063272			Brain_Caudate_basal_ganglia	1	1		
	1	-0.952066471	-0.952066471	-0.952066471	NA	1	0		
	0.998207054								
RP11-598F7.6	ENSG00000256540.1	0.341272411	4	4	0.131570757				
	Brain_Cerebellum	0.428630454			Brain_Cortex	1.654168842	0.527289242		
	0.527289242	-1.507936588	-0.791537411	-1.278997161	0.333048061				
	4	0	0.998207054						
ZSCAN18	ENSG00000121413.12	0.341398219	10	8	0.032241088				
	Brain_Cerebellar_Hemisphere	0.775312457			Brain_Hippocampus	4.986709823			
	0.051441241	0.199860909	-2.141408774	1.013850057	-0.747800107				
	0.993507948	8	0	0.998207054					
ZNF233	ENSG00000159915.12	0.341448638	5	4	0.208288553				
	Brain_Hippocampus	0.839836025			Brain_Cerebellum	3.123370654			
	0.084885242	0.129629578	0.202103227	1.258285417	0.730519742				
	0.414985054	4	0	0.998207054					
INTS14	ENSG00000138614.14	0.341616893	1	1	0.341616893				
	Brain_Hypothalamus	0.341616893			Brain_Hypothalamus	1	1	1	
	0.950975342	0.950975342	0.950975342	NA	1	0	0.998207054		
CENPN	ENSG00000166451.13	0.341726925	2	2	0.143096156				
	Brain_Hippocampus	0.462252076			Brain_Putamen_basal_ganglia	1.534380651			
	0.465619349	0.465619349	0.735143547	1.464358006	1.099750777				
	0.515632489	2	0	0.998207054					
LRAT	ENSG00000121207.11	0.341734415	1	1	0.341734415				
	Brain_Spinal_cord_cervical_c-1	0.341734415			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.950743864	0.950743864	0.950743864	NA	1	0
	0.998207054								
SEMA3G	ENSG00000010319.6	0.341762408	3	3	0.16007187	Brain_Cerebellum			
	0.309947726	Brain_Putamen_basal_ganglia	1.268391008	0.668626195					
	0.668626195	1.015331726	1.404829886	1.147484397	0.222894898				
	3	0	0.998207054						
STX7	ENSG00000079950.13	0.341844384	1	1	0.341844384				
	Brain_Frontal_Cortex_BA9	0.341844384			Brain_Frontal_Cortex_BA9	1	1		
	1	0.95052731	0.95052731	0.95052731	NA	1	0	0.998207054	
DR1	ENSG00000117505.12	0.342094033	3	2	0.163619647	Brain_Cortex			
	0.536318468	Brain_Substantia_nigra			2.508550499	0.069865111			
	0.42158439	0.618389727	1.393000477	1.122097975	0.436639828				2
	0	0.998207054							
MTSS1	ENSG00000170873.18	0.342109255	1	1	0.342109255				
	Brain_Hippocampus	0.342109255			Brain_Hippocampus	1	1	1	
	-0.950005899	-0.950005899	-0.950005899	NA	1	0	0.998207054		
LAMA5	ENSG00000130702.15	0.342236502	3	3	0.133505051				
	Brain_Frontal_Cortex_BA9	0.704963659			Brain_Amygdala	1.101030165			
	0.876745448	0.876745448	-1.500422283	0.37862863	-0.728834093				
	0.983522678	3	0	0.998207054					
STX3	ENSG00000166900.15	0.342338905	3	3	0.073258131				
	Brain_Hypothalamus	0.246732703			Brain_Caudate_basal_ganglia	2.596747085			
	0.175832734	0.175832734	1.158321886	1.791219172	1.437677931				
	0.322904515	3	0	0.998207054					
TLE2	ENSG00000065717.14	0.342379984	1	1	0.342379984	Brain_Cortex			
	0.342379984	Brain_Cortex	1	1	1	0.949473223	0.949473223		
	0.949473223	NA	1	0	0.998207054				
TXN2	ENSG00000100348.9	0.342412034	10	4	0.176474938				
	Brain_Putamen_basal_ganglia	0.938241514			Brain_Hippocampus	7.525963904			
	0.022556144	0.252421313	-1.351688647	0.569603756	0.126170761				
	0.57478989	4	0	0.998207054					
BRD3	ENSG00000169925.16	0.342424011	4	4	0.119747092	Brain_Cortex			

	0.555825183	Brain_Hippocampus	3.219575983	0.172135389			
	0.172135389	0.589053801	1.555836013	1.157769978	0.45073455	4	
	0	0.998207054					
FSBP	ENSG00000265817.2	0.342446717	1	1	0.342446717		
	Brain_Hippocampus	0.342446717	Brain_Hippocampus	1	1	1	
	0.949341964	0.949341964	0.949341964	NA	1	0	0.998207054
RP11-359I18.5	ENSG00000272360.1	0.342491545	1	1	0.342491545		
	Brain_Putamen_basal_ganglia	0.342491545	Brain_Putamen_basal_ganglia	1	1	1	
	1	-0.949253799	-0.949253799	-0.949253799	NA	1	0
	0.998207054						
RELN	ENSG00000189056.13	0.342515119	5	5	0.057968524		
	Brain_Putamen_basal_ganglia	0.945016122	Brain_Cerebellum	1.518965872			
	0.612610602	0.612610602	-0.068966705	1.895935875	0.93097554		
	0.723297201	5	0	0.998207054			
ERMAP	ENSG00000164010.13	0.342521203	12	8	0.182624258	Brain_Amygdala	
	0.483499538	Brain_Frontal_Cortex_BA9	7.784227159	0.001438823			
	0.324393668	-1.332718322	0.897748739	-0.682475095	0.716732221		
	8	0	0.998207054				
CCDC51	ENSG00000164051.13	0.342526062	1	1	0.342526062		
	Brain_Cerebellar_Hemisphere	0.342526062	Brain_Cerebellar_Hemisphere	1	1	1	
	1	-0.949185919	-0.949185919	-0.949185919	NA	1	0
	0.998207054						
TRIM14	ENSG00000106785.14	0.3425748	4	4	0.053511052		
	Brain_Nucleus_accumbens_basal_ganglia	0.585210999	Brain_Cerebellum				
	2.614695861	0.131321283	0.131321283	-1.930773638	0.54578898		
	-0.992804364	1.078175418	4	0	0.998207054		
KNSTRN	ENSG00000128944.13	0.342650595	13	1	0.293279919		
	Brain_Hippocampus	0.456182431	Brain_Cerebellum	12.56795978			
	0.000269521	12.56795978	-1.050953561	-0.745147708	-0.932286299		
	0.108666892	1	0	0.998207054			
MTFMT	ENSG00000103707.9	0.342767388	1	1	0.342767388		
	Brain_Cerebellar_Hemisphere	0.342767388	Brain_Cerebellar_Hemisphere	1	1	1	
	1	-0.948711451	-0.948711451	-0.948711451	NA	1	0
	0.998207054						
SLC22A18	ENSG00000110628.13	0.342781371	8	5	0.140918054		
	Brain_Hypothalamus	0.842324729	Brain_Putamen_basal_ganglia	5.244092163			
	0.004039073	0.287201471	-1.472380877	1.4161126	0.403421007		
	0.954852603	5	0	0.998207054			
TTL9	ENSG00000131044.16	0.34289527	3	3	0.219435128		
	Brain_Nucleus_accumbens_basal_ganglia	0.488201715	Brain_Hippocampus				
	1.143675953	0.912724705	0.912724705	-1.228031542	1.097846206		
	0.18766217	1.2426109	3	0	0.998207054		
SPATA3	ENSG00000173699.15	0.342932694	4	4	0.095137638		
	Brain_Substantia_nigra	0.950667621	Brain_Hypothalamus	1.231465205			
	0.789712436	0.789712436	-1.668897788	-0.061868414	-0.905501194		
	0.849738679	4	0	0.998207054			
LRRC29	ENSG00000125122.15	0.342970199	1	1	0.342970199		
	Brain_Amygdala	0.342970199	Brain_Amygdala	1	1	1	-0.948312873
	-0.948312873	-0.948312873	NA	1	0	0.998207054	
CELF3	ENSG00000159409.14	0.342973973	1	1	0.342973973		
	Brain_Spinal_cord_cervical_c-1	0.342973973	Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.948305457	0.948305457	0.948305457	NA
	0.998207054						
PCDHB3	ENSG00000113205.5	0.342986093	4	3	0.160113618		
	Brain_Cortex	0.233073589	Brain_Nucleus_accumbens_basal_ganglia	2.25939802			
	0.008653113	0.509778501	-1.404689539	-1.192478722	-1.253151762		
	0.101282815	3	0	0.998207054			
IL6R	ENSG00000160712.12	0.343007639	2	2	0.157734448		
	Brain_Cerebellar_Hemisphere	0.436032701	Brain_Cerebellum	1.294479771			
	0.705520229	0.705520229	-0.778910055	1.41273231	0.316911128		
	1.549725178	2	0	0.998207054			
ADAMTS8	ENSG00000134917.9	0.343181663	5	5	0.359756143		

	Brain_Caudate_basal_ganglia	0.747323302			Brain_Putamen_basal_ganglia			
	2.380669862	0.220528425	0.220528425		-0.915829852	0.821908176		
	-0.114100213	0.782326432	5	0	0.998207054			
FAHD2B	ENSG00000144199.11	0.343270539			8	4	0.082266149	
	Brain_Cerebellar_Hemisphere	0.991239351			Brain_Frontal_Cortex_BA9			
	5.761319998	0.008180378	0.236145449		-0.227438243	1.737686047		
	0.797316044	0.683070276	4	0	0.998207054			
IL16	ENSG00000172349.17	0.343312205	1	1	0.343312205		Brain_Cerebellum	
	0.343312205	Brain_Cerebellum1	1	1	-0.947641081	-0.947641081		
	-0.947641081	NA	1	0	0.998207054			
PGR	ENSG00000082175.14	0.343315851	1	1	0.343315851		Brain_Cortex	
	0.343315851	Brain_Cortex	1	1	-0.947633921	-0.947633921		
	-0.947633921	NA	1	0	0.998207054			
SIL1	ENSG00000120725.12	0.343321952	9	9	0.092677383			
	Brain_Nucleus_accumbens_basal_ganglia	0.983209381						
	Brain_Spinal_cord_cervical_c-1	2.921539563			0.215056009	0.215056009		
	-1.681440507	0.86323947	-0.02426927		0.867666418	9	0	
	0.998207054							
STEAP2	ENSG00000157214.13	0.343327357	12	2	0.253190477			
	Brain_Cerebellum	0.96993869	Brain_Hypothalamus	10.39210803	8.29E-05			
	1.114469067	-1.142634254	0.354435729		-0.318423913	0.480810172		
	2	0	0.998207054					
ABHD5	ENSG00000011198.7	0.343441711	1	1	0.343441711			
	Brain_Hippocampus	0.343441711	Brain_Hippocampus	1	1	1		
	-0.947386809	-0.947386809	-0.947386809	NA	1	0	0.998207054	
LINC01080	ENSG00000281721.1	0.343557091	12	11	0.122757109			
	Brain_Hypothalamus	0.905204606	Brain_Substantia_nigra	2.405067546				
	0.000879868	0.133245132	-1.541282415	1.543303687	-0.35068663			
	1.066051603	11	0	0.998207054				
RAD50	ENSG00000113522.13	0.343581319	2	2	0.193070573		Brain_Cerebellum	
	0.896045027	Brain_Cerebellar_Hemisphere	1.532918314	0.467081686				
	0.467081686	-1.301549089	-0.130659051	-0.71610407	0.827944286			
	2	0	0.998207054					
LINC00856	ENSG00000230417.11	0.343631818	1	1	0.343631818			
	Brain_Cerebellum	0.343631818	Brain_Cerebellum1	1	1	-0.94701366		
	-0.94701366	-0.94701366	NA	1	0	0.998207054		
NAAA	ENSG00000138744.14	0.343710454	13	4	0.223271145			
	Brain_Frontal_Cortex_BA9	0.967140737	Brain_Cerebellar_Hemisphere					
	10.09745853	0.010809988	0.362556987	-0.739043821	1.217875876			
	0.177029199	0.607861084	4	0	0.998207054			
FBXO34	ENSG00000178974.9	0.343784522	3	3	0.102019181			
	Brain_Cerebellum	0.903124374	Brain_Putamen_basal_ganglia	1.949038058				
	0.289835473	0.289835473	0.121715454	1.63514249	0.827125832			
	0.761912977	3	0	0.998207054				
FBXL6	ENSG00000182325.10	0.343897126	2	2	0.166998213		Brain_Cerebellum	
	0.278143898	Brain_Cortex	1.484394667	0.515605333	0.515605333			
	-1.084498351	1.381913662	0.148707656	1.744016659	2	0		
	0.998207054							
RP11-268F1.3	ENSG00000236164.1	0.344101207	2	2	0.21277234			
	Brain_Hypothalamus	0.5031159	Brain_Amygdala	1.072818686	0.927181314			
	0.927181314	-1.245978359	0.669595161	-0.288191599	1.354515025			
	2	0	0.998207054					
MTMR10	ENSG00000166912.16	0.344114303	4	4	0.240970425			
	Brain_Cerebellum	0.701966011	Brain_Amygdala	1.989792666	0.081384671			
	0.081384671	-1.172564668	0.38266791	-0.718324573	0.736582978	4		
	0	0.998207054						
SERPINB6	ENSG00000124570.17	0.344229732	3	3	0.08346029		Brain_Cerebellum	
	0.772819253	Brain_Caudate_basal_ganglia	1.821605183	0.179177943				
	0.179177943	-1.7309522	-0.288689168	-1.050233936	0.724520777	3		
	0	0.998207054						
PTPRN	ENSG00000054356.13	0.34425747	4	4	0.056220537			
	Brain_Caudate_basal_ganglia	0.666848545	Brain_Cortex	1.866617611				

	0.136562944	0.136562944	-1.909322226	0.61994814	-0.68448382				
	1.399031879	4	0	0.998207054					
CPB1	ENSG00000153002.11	0.344378206	2	2	0.251633363				
	Brain_Substantia_nigra	0.385070553			Brain_Hippocampus	1.030802447			
	0.969197553	0.969197553	-0.868591596		1.146391102	0.138899753			
	1.42480793	2	0	0.998207054					
RYR2	ENSG00000198626.15	0.344529207	1	1	0.344529207				
	Brain_Nucleus_accumbens_basal_ganglia	0.344529207							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.94525402				
	-0.94525402	-0.94525402	NA	1	0	0.998207054			
SCRN1	ENSG00000136193.16	0.344534153	2	2	0.172417373				
	Brain_Hypothalamus	0.613752761			Brain_Spinal_cord_cervical_c-1				
	1.010417065	0.989582935	0.989582935	-0.504723916	1.364477365				
	0.429876725	1.321724901	2	0	0.998207054				
TRIM74	ENSG00000155428.12	0.344535147	2	2	0.144478606				
	Brain_Anterior_cingulate_cortex_BA24	0.846019521							
	Brain_Nucleus_accumbens_basal_ganglia	1.106512295			0.893487705				
	0.893487705	0.194199695	1.459314355	0.826757025	0.894571155				
	2	0	0.998207054						
GCNT1	ENSG00000187210.12	0.344573354	1	1	0.344573354				
	Brain_Hypothalamus	0.344573354			Brain_Hypothalamus	1	1	1	
	-0.945167529	-0.945167529	-0.945167529	NA	1	0	0.998207054		
SERTAD2	ENSG00000179833.4	0.344592817	1	1	0.344592817				
	Brain_Hypothalamus	0.344592817			Brain_Hypothalamus	1	1	1	
	0.9451294	0.9451294	0.9451294	NA	1	0	0.998207054		
ENOSF1	ENSG00000132199.18	0.344828189	10	5	0.087110056				
	Brain_Nucleus_accumbens_basal_ganglia	0.681258767			Brain_Cortex				
	5.974173877	0.030474067	0.292226967	-1.710843236	-0.410746035				
	-0.946122067	0.529957734	5	0	0.998207054				
PSMB8	ENSG00000204264.8	0.344879767	1	1	0.344879767				
	0.344879767	Brain_Cortex	1	1	1	-0.944567419	-0.944567419		
	-0.944567419	NA	1	0	0.998207054				
IMPA1	ENSG00000133731.9	0.344948459	7	1	0.307648233				
	Brain_Putamen_basal_ganglia	0.431146688			Brain_Cortex	6.707896411			
	0.0001264	6.707896411	0.787230941	1.020169177	0.924062425				
	0.085724912	1	0	0.998207054					
CRTAC1	ENSG00000095713.13	0.344999208	2	2	0.241136819				
	Brain_Cortex	0.330143893			Brain_Cerebellum	1.092967407	0.907032593		
	0.907032593	-1.17215005	-0.973824084	-1.072987067	0.140237636				
	2	0	0.998207054						
RP11-1263C18.1	ENSG00000273238.1	0.345401646	1	1	0.345401646				
	Brain_Nucleus_accumbens_basal_ganglia	0.345401646							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.943546102				
	0.943546102	0.943546102	NA	1	0	0.998207054			
KRT86	ENSG00000170442.11	0.345420196	1	1	0.345420196				
	Brain_Cerebellar_Hemisphere	0.345420196			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.943509817	-0.943509817	-0.943509817	NA	1	0		
	0.998207054								
PLA2G5	ENSG00000127472.10	0.345431605	10	5	0.097707727				
	Brain_Amygdala	0.795396117			Brain_Frontal_Cortex_BA9	6.160370652			
	0.012455085	0.280588028	-1.656069592	0.365041311	-0.91080075				
	0.619919037	5	0	0.998207054					
TTC9C	ENSG00000162222.13	0.345619622	6	2	0.273322949				
	0.781042486	Brain_Nucleus_accumbens_basal_ganglia	5.593730009	0.01567004					
	0.200624442	-1.095442212	-0.277960754	-0.815167235	0.29723003	2			
	0	0.998207054							
CCDC116	ENSG00000161180.10	0.345656415	7	3	0.359866334				
	Brain_Cerebellum	0.563417011			Brain_Hippocampus	6.09826382	0.001989349		
	0.267160192	-0.577773556	0.915619816	0.608582362	0.530291902				
	3	0	0.998207054						
CTNND2	ENSG00000169862.18	0.345831102	1	1	0.345831102				
	Brain_Spinal_cord_cervical_c-1	0.345831102			Brain_Spinal_cord_cervical_c-1				

1	1	1	-0.942706395	-0.942706395	-0.942706395	NA	1	0
0.998207054								
UBASH3B	ENSG00000154127.9	0.346277183	2	2	0.183040959			
Brain_Hypothalamus	0.715885555	Brain_Cortex	1.163884254					
0.836115746	0.836115746	-0.363963112	1.331450083	0.483743486				
1.198838167	2	0	0.998207054					
TNFRSF25	ENSG00000215788.9	0.346292586	4	4	0.093261802			
Brain_Putamen_basal_ganglia	0.873132531	Brain_Cortex	1.905431899					
0.379952373	0.379952373	0.159680793	1.67843709	1.098330244				
0.691966374	4	0	0.998207054					
TTC31	ENSG00000115282.19	0.346355974	1	1	0.346355974			
Brain_Nucleus_accumbens_basal_ganglia	0.346355974							
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.941681023				
0.941681023	0.941681023	NA	1	0	0.998207054			
RP11-197K6.1	ENSG00000223812.5	0.346381008	3	3	0.076008099			
Brain_Nucleus_accumbens_basal_ganglia	0.65598686	Brain_Cortex	2.171138658					
0.239149217	0.239149217	-1.774332919	-0.445460693	-0.973126381				
0.705403285	3	0	0.998207054					
RNF166	ENSG00000158717.10	0.34649692	8	6	0.01504048			
Brain_Anterior_cingulate_cortex_BA24	0.790111174							
Brain_Spinal_cord_cervical_c-1	4.566626385	0.013569799	0.233777552					
-2.431402874	0.266166251	-0.987072787	0.783322809	6	0			
0.998207054								
RUBCNL	ENSG00000102445.18	0.346562901	1	1	0.346562901			
Brain_Hypothalamus	0.346562901	Brain_Hypothalamus	1	1	1			
-0.94127705	-0.94127705	-0.94127705	NA	1	0	0.998207054		
LAMC1	ENSG00000135862.5	0.346564338	4	3	0.138514578	Brain_Cerebellum		
0.477547257	Brain_Nucleus_accumbens_basal_ganglia	2.0031241	0.019178332					
0.889861255	-1.481345319	0.710253004	-0.807219786	1.025904032				
3	0	0.998207054						
RP11-369E15.3	ENSG00000254092.1	0.346594316	1	1	0.346594316			
Brain_Amygdala	0.346594316	Brain_Amygdala	1	1	1	-0.941215732		
-0.941215732	-0.941215732	NA	1	0	0.998207054			
ZNF138	ENSG00000197008.9	0.346620051	11	6	0.013707238			
Brain_Caudate_basal_ganglia	0.641950731	Brain_Cerebellum	8.053476687					
0.004741046	0.285012158	-2.464845405	-0.464973085	-1.583344972				
0.57018015	6	0	0.998207054					
SELENOO	ENSG00000073169.13	0.346628026	3	3	0.130937308			
Brain_Cerebellar_Hemisphere	0.765502542	Brain_Substantia_nigra						
1.957733266	0.11783968	0.11783968	-0.298262868	1.510416002				
0.871306542	1.014332605	3	0	0.998207054				
RMDN1	ENSG00000176623.11	0.346832858	13	1	0.226724117	Brain_Amygdala		
0.529774049	Brain_Substantia_nigra	12.31859638	0.001054355					
12.31859638	-1.20884053	-0.62835097	-0.914860336	0.177011999				
1	0	0.998207054						
AC005498.3	ENSG00000267421.6	0.347179627	2	2	0.203293956			
Brain_Putamen_basal_ganglia	0.41027959	Brain_Cerebellum	1.095458661					
0.904541339	0.904541339	-0.823401711	1.272222836	0.224410562				
1.481830328	2	0	0.998207054					
RPL8	ENSG00000161016.17	0.347243636	6	2	0.41713712			
Brain_Frontal_Cortex_BA9	0.987355758	Brain_Nucleus_accumbens_basal_ganglia						
5.64869207	0.001721909	0.201472757	0.01584787	0.811398048				
0.234352222	0.290793812	2	0	0.998207054				
LINC01176	ENSG00000281404.1	0.3474356	13	13	0.009187377			
Brain_Nucleus_accumbens_basal_ganglia	0.895192378	Brain_Amygdala						
1.585100596	0.495350308	0.495350308	-2.605001821	1.299569136				
-0.473667139	1.08794395	13	0	0.998207054				
TMEM63B	ENSG00000137216.18	0.347448566	4	4	0.038862389			
Brain_Cerebellum	0.923362047	Brain_Spinal_cord_cervical_c-1	1.826443478					
0.287522898	0.287522898	-0.096199602	2.065641016	1.018428267				
1.029602544	4	0	0.998207054					
ECSIT	ENSG00000130159.13	0.347551812	1	1	0.347551812			

	Brain_Hippocampus	0.347551812		Brain_Hippocampus	1	1	1
	0.939348565	0.939348565	0.939348565	NA	1	0	0.998207054
PGPEP1	ENSG00000130517.13	0.347559032	11	11	0.032041869		
	Brain_Cerebellum	0.827054973		Brain_Substantia_nigra	2.508399996		
	0.172564628	0.172564628	-1.468693654	2.143887918		0.178117554	
	1.117836622	11	0	0.998207054			
MAJIN	ENSG00000168070.11	0.347569596	1	1	0.347569596		Brain_Cerebellum
	0.347569596	Brain_Cerebellum1	1	1	-0.939313916		-0.939313916
	-0.939313916	NA	1	0	0.998207054		
SCAI	ENSG00000173611.17	0.347617098	4	4	0.089254927		
	Brain_Hippocampus	0.863385212		Brain_Spinal_cord_cervical_c-1			
	1.959884663	0.302823969	0.302823969	-0.748042302		1.699341133	
	0.649706792	1.149702324	4	0	0.998207054		
ADCY2	ENSG00000078295.16	0.347802871	1	1	0.347802871		
	Brain_Nucleus_accumbens_basal_ganglia	0.347802871					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.938859528		
	0.938859528	0.938859528	NA	1	0	0.998207054	
MAPRE1	ENSG00000101367.8	0.347819837	1	1	0.347819837		
	Brain_Spinal_cord_cervical_c-1	0.347819837		Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.938826488	0.938826488	0.938826488	NA
	0.998207054						1
							0
MCPH1	ENSG00000147316.12	0.347855383	6	5	0.37973361		Brain_Cortex
	0.891489261	Brain_Nucleus_accumbens_basal_ganglia	4.087868851				
	0.109170555	0.185008401	-0.878387233	0.543266004		-0.207561327	
	0.592834989	5	0	0.998207054			
H2AFY2	ENSG00000099284.13	0.347878573	1	1	0.347878573		
	Brain_Hippocampus	0.347878573		Brain_Hippocampus	1	1	1
	-0.938712113	-0.938712113	-0.938712113	NA	1	0	0.998207054
PCDHB16	ENSG00000272674.3	0.347928647	3	3	0.183813771		
	Brain_Cerebellum	0.984995757		Brain_Hippocampus	2.356908349		
	0.274006991	0.274006991	0.018806138	1.329103666		0.797711168	
	0.689323395	3	0	0.998207054			
PRDM11	ENSG00000019485.13	0.347996415	4	4	0.059169723		
	Brain_Putamen_basal_ganglia	0.796964114		Brain_Anterior_cingulate_cortex_BA24			
	1.8208391	0.587810445	0.587810445	-1.886930134		0.565162996	
	-0.335088687	1.091340264	4	0	0.998207054		
ZNF559	ENSG00000188321.13	0.348032862	13	9	0.038650159		
	Brain_Cerebellar_Hemisphere	0.892912914		Brain_Substantia_nigra			
	5.740926632	0.039878561	0.210848625	-1.153114102		2.067892218	
	0.852152764	0.882508352	9	0	0.998207054		
DDX42	ENSG00000198231.12	0.3481936	13	1	0.218445082		
	Brain_Caudate_basal_ganglia	0.996220201		Brain_Hypothalamus	12.50955572		
	0.000115856	12.50955572	-0.004737293	1.230673289		0.914285383	
	0.296038621	1	0	0.998207054			
WRNIP1	ENSG00000124535.15	0.348403253	1	1	0.348403253		
	Brain_Cerebellum	0.348403253		Brain_Cerebellum1	1	1	-0.937690956
	-0.937690956	-0.937690956	NA	1	0	0.998207054	
RP11-563N4.1	ENSG00000272716.1	0.348482284	2	2	0.157595982		
	Brain_Caudate_basal_ganglia	0.46729281		Brain_Hippocampus	1.288427617		
	0.711572383	0.711572383	-0.726890871	1.413203214		0.343156171	
	1.51327504	2	0	0.998207054			
SPRN	ENSG00000203772.7	0.34849092	2	2	0.153798523		
	Brain_Cerebellar_Hemisphere	0.499791286		Brain_Anterior_cingulate_cortex_BA24			
	1.622531055	0.377468945	0.377468945	-1.42624192		-0.674818184	
	-1.050530052	0.531336819	2	0	0.998207054		
SSFA2	ENSG00000138434.16	0.348552021	2	2	0.219615765		Brain_Amygdala
	0.354159457	Brain_Nucleus_accumbens_basal_ganglia	1.128465428				
	0.871534572	0.871534572	0.926551479	1.227550469		1.077050974	
	0.212838427	2	0	0.998207054			
MEI4	ENSG00000269964.2	0.348580539	1	1	0.348580539		Brain_Cortex
	0.348580539	Brain_Cortex	1	1	1	-0.937346134	-0.937346134
	-0.937346134	NA	1	0	0.998207054		

TSPAN9	ENSG00000011105.12	0.348580611	4	4	0.107442193			
	Brain_Cerebellar_Hemisphere	0.733003776				Brain_Caudate_basal_ganglia		
	1.940948659	0.072638942	0.072638942			-1.609796944	1.30841758	
	-0.347583309	1.412051088	4	0	0.998207054			
LGSN	ENSG00000146166.16	0.348703539	2	2	0.158858016			
	Brain_Spinal_cord_cervical_c-1	0.325698429				Brain_Substantia_nigra		
	1.83425762	0.16574238	0.16574238	-1.408922734		-0.98281514	-1.195868937	
	0.301303569	2	0	0.998207054				
STARD3	ENSG00000131748.15	0.348762567	1	1	0.348762567			
	Brain_Substantia_nigra	0.348762567				Brain_Substantia_nigra	1	1
	1	0.936992206	0.936992206	0.936992206	NA	1	0	
	0.998207054							
WWP2	ENSG00000198373.12	0.349011622	4	3	0.073479237			
	Brain_Spinal_cord_cervical_c-1	0.241377882				Brain_Cerebellum	3.463109366	
	0.018311511	0.203673987	1.171549727			1.789842486	1.542947954	
	0.262656695	3	0	0.998207054				
MTUS2	ENSG00000132938.19	0.349026012	1	1	0.349026012	Brain_Amygdala		
	0.349026012	Brain_Amygdala	1	1	1	-0.936480181	-0.936480181	
	-0.936480181	NA	1	0	0.998207054			
RASL12	ENSG00000103710.10	0.349081894	3	3	0.138550971			
	Brain_Anterior_cingulate_cortex_BA24	0.965721023				Brain_Caudate_basal_ganglia		
	1.906306271	0.093781028	0.093781028			-1.48120869	0.042975552	
	-0.779472383	0.769228752	3	0	0.998207054			
XIRP2	ENSG00000163092.19	0.349083401	1	1	0.349083401	Brain_Cortex		
	0.349083401	Brain_Cortex	1	1	1	0.936368675	0.936368675	
	0.936368675	NA	1	0	0.998207054			
DOCK10	ENSG00000135905.18	0.349276746	1	1	0.349276746			
	Brain_Cerebellum	0.349276746	Brain_Cerebellum	1	1	1	-0.935993089	
	-0.935993089	-0.935993089	NA	1	0	0.998207054		
KLHL32	ENSG00000186231.16	0.349310836	2	1	0.32408167			
	Brain_Cerebellar_Hemisphere	0.379475086				Brain_Cerebellum	1.985314275	
	0.014685725	1.985314275	0.878863879			0.986104838	0.932484359	
	0.075830809	1	0	0.998207054				
SLC39A2	ENSG00000165794.9	0.349362773	3	2	0.397015671			
	Brain_Cortex	0.985106522	Brain_Frontal_Cortex_BA9	2.740518988				
	0.083043644	0.176437367	-0.846963134	-0.018667291		-0.378448831		
	0.424718273	2	0	0.998207054				
TEKT4	ENSG00000163060.7	0.349451572	2	2	0.163825448			
	Brain_Frontal_Cortex_BA9	0.493453314				Brain_Anterior_cingulate_cortex_BA24		
	1.699780144	0.300219856	0.300219856			0.684826654	1.392320231	
	1.038573443	0.500273506	2	0	0.998207054			
SGK2	ENSG00000101049.14	0.349518835	4	4	0.072766008	Brain_Cortex		
	0.616639018	Brain_Frontal_Cortex_BA9	1.305141363	0.66730237	0.66730237	0.66730237	0.66730237	
	0.500619384	1.794295549	0.979385003	0.569266385		4	0	
	0.998207054							
DBR1	ENSG00000138231.12	0.349525937	1	1	0.349525937			
	Brain_Hippocampus	0.349525937	Brain_Hippocampus	1	1	1		
	0.935509213	0.935509213	0.935509213	NA	1	0	0.998207054	
ARPP19	ENSG00000128989.10	0.349558453	3	3	0.104320149			
	Brain_Substantia_nigra	0.594491163				Brain_Cerebellar_Hemisphere	1.27176453	
	0.758112682	0.758112682	-1.624260848			0.53233909	-0.644923408	
	1.091838619	3	0	0.998207054				
RP11-329B9.4	ENSG00000272970.1	0.34966696	9	8	0.077280878			
	Brain_Frontal_Cortex_BA9	0.744240865	Brain_Cortex	4.691649074				
	0.103101581	0.232671336	-1.766685709			0.506445069	-0.465830509	
	0.781212012	8	0	0.998207054				
EAF1	ENSG00000144597.13	0.349679762	3	3	0.166123345			
	Brain_Cerebellar_Hemisphere	0.354955485	Brain_Frontal_Cortex_BA9					
	1.896567427	0.103423557	0.103423557			-1.38476824	0.925020037	
	-0.464581695	1.224354293	3	0	0.998207054			
LINC00906	ENSG00000267339.5	0.349916993	3	3	0.181457133			
	Brain_Cortex	0.898904452	Brain_Cerebellum	1.911897002		0.398230826		

	0.398230826	0.127045417	1.336281952	0.83179083	0.628998875	3
	0	0.998207054				
2-Mar	ENSG00000099785.10	0.349945184	13	1	0.209798897	Brain_Cortex
	0.82116987	Brain_Substantia_nigra	12.11476243		0.000163584	
	12.11476243	0.226040565	1.254118611	0.895431018	0.253454835	
	1	0	0.998207054			
RPLP2	ENSG00000177600.8	0.349950591	1	1	0.349950591	
	Brain_Hippocampus	0.349950591	Brain_Hippocampus	1	1	1
	-0.934685133	-0.934685133	-0.934685133	NA	1	0
	0.998207054					
M6PR	ENSG00000003056.7	0.35005218	4	4	0.263143051	Brain_Cerebellum
	0.548138699	Brain_Cortex	2.075034918	0.286230223	0.286230223	
	-1.118993174	0.864500246	-0.081861857	0.963841891	4	0
	0.998207054					
KLRC4	ENSG00000183542.5	0.350065365	8	3	0.04847563	Brain_Amygdala
	0.459677191	Brain_Substantia_nigra	6.950549006	0.008334998		
	0.248247313	0.739378505	1.973174983	1.462172728	0.382882784	
	3	0	0.998207054			
CAMK1	ENSG00000134072.10	0.350186305	1	1	0.350186305	
	Brain_Hippocampus	0.350186305	Brain_Hippocampus	1	1	1
	-0.934227981	-0.934227981	-0.934227981	NA	1	0
	0.998207054					
PEX3	ENSG00000034693.14	0.350227782	1	1	0.350227782	
	Brain_Caudate_basal_ganglia	0.350227782	Brain_Caudate_basal_ganglia	1	1	
	1	0.934147559	0.934147559	0.934147559	NA	1
	0.998207054					
P3H4	ENSG00000141696.12	0.35022927	2	2	0.147589785	
	Brain_Putamen_basal_ganglia	0.786992768	Brain_Cortex	1.161579154		
	0.838420846	0.838420846	-1.448097499	-0.270217711	-0.859157605	
	0.832886786	2	0	0.998207054		
KIAA0040	ENSG00000235750.9	0.350304127	3	3	0.122653053	
	Brain_Frontal_Cortex_BA9	0.393089164	Brain_Cerebellum	1.869683855		
	0.186244921	0.186244921	0.854028562	1.543732897	1.099955282	
	0.385073694	3	0	0.998207054		
CDC42EP5	ENSG00000167617.2	0.350470357	1	1	0.350470357	
	Brain_Frontal_Cortex_BA9	0.350470357	Brain_Frontal_Cortex_BA9	1	1	
	1	-0.933677341	-0.933677341	-0.933677341	NA	1
	0.998207054					
RP11-157E21.1	ENSG00000253593.2	0.350586762	2	1	0.340878182	
	Brain_Caudate_basal_ganglia	0.361195641	Brain_Nucleus_accumbens_basal_ganglia			
	1.997038242	0.002961758	1.997038242	-0.952431516	-0.913089179	
	-0.932760347	0.027819234	1	0	0.998207054	
LINC01551	ENSG00000186960.10	0.350596232	2	2	0.168982636	
	Brain_Anterior_cingulate_cortex_BA24	0.816195408	Brain_Cortex			
	1.155612754	0.844387246	0.844387246	-0.232441129	1.37548015	
	0.571519511	1.136972039	2	0	0.998207054	
EIF3H	ENSG00000147677.10	0.350680573	2	2	0.154596227	Brain_Cerebellum
	0.322164915	Brain_Cortex	1.53961904	0.46038096	0.46038096	-1.42348286
	-0.990018831	-1.206750846	0.306505354	2	0	0.998207054
POLG	ENSG00000140521.12	0.350714704	3	3	0.131445896	Brain_Cerebellum
	0.329286943	Brain_Caudate_basal_ganglia	1.921251385	0.078690162		
	0.078690162	0.97555115	1.508424581	1.32412815	0.302042385	3
	0.998207054					0
ASAH1	ENSG00000104763.18	0.350781911	3	3	0.101662579	
	Brain_Cerebellar_Hemisphere	0.660814076	Brain_Putamen_basal_ganglia			
	2.453393017	0.151426957	0.151426957	0.43878949	1.636846345	
	1.100094447	0.608662595	3	0	0.998207054	
MRPL30	ENSG00000185414.19	0.350814723	6	2	0.16759006	
	Brain_Caudate_basal_ganglia	0.45363391	Brain_Cerebellar_Hemisphere	5.671289504		
	0.004459767	0.216905181	0.749370527	1.379988909	1.014855283	
	0.210043219	2	0	0.998207054		
AC012360.4	ENSG00000235319.1	0.350888792	5	5	0.198961967	
	Brain_Cortex	0.825405104	Brain_Nucleus_accumbens_basal_ganglia			
	2.628923989	0.24830434	0.24830434	-1.284514574	0.220598456	

	-0.63050631	0.585096835	5	0	0.998207054		
FAM215A	ENSG00000267496.4	0.351087933	2	2	0.332819026		
	Brain_Cortex	0.566973863			Brain_Frontal_Cortex_BA9	1.417465187	
	0.582534813	0.582534813			-0.968451308	0.572513913	-0.197968697
	1.089626957	2	0	0.998207054			
ARHGAP19	ENSG00000213390.10	0.351166517	4	4	0.095634719		
	Brain_Anterior_cingulate_cortex_BA24	0.820684628			Brain_Cerebellum		
	1.796102909	0.375908387	0.375908387		-1.666395234	0.226664508	
	-0.741598864	0.792260445	4	0	0.998207054		
RGS17	ENSG00000091844.7	0.351190519	2	2	0.156343538	Brain_Cerebellum	
	0.281942677	Brain_Cerebellar_Hemisphere	1.86235437	0.13764563	0.13764563		
	-1.41747692	-1.075965521	-1.246721221	0.241485026	2	0	
	0.998207054						
RFPL2	ENSG00000128253.13	0.351236565	2	2	0.172308236		
	Brain_Cerebellar_Hemisphere	0.174977284			Brain_Cerebellum	1.76946167	0.23053833
	0.23053833	-1.364824438	-1.356383174	-1.360603806	0.005968875	2	
	0	0.998207054					
MAPT	ENSG00000186868.15	0.351277751	2	2	0.151490701		
	Brain_Caudate_basal_ganglia	0.955237674			Brain_Cerebellum	1.168046768	
	0.831953232	0.831953232	-1.434285871	0.056130717	-0.689077577		
	1.053883676	2	0	0.998207054			
GOLGA4	ENSG00000144674.16	0.351437313	3	3	0.205740831		
	Brain_Anterior_cingulate_cortex_BA24	0.890430079			Brain_Cortex		
	1.133700264	0.868990462	0.868990462	-1.265364121	1.239544006		
	0.037313303	1.255471361	3	0	0.998207054		
EDRF1	ENSG00000107938.17	0.351473076	1	1	0.351473076		
	Brain_Spinal_cord_cervical_c-1	0.351473076			Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.931735809	0.931735809	NA	1
	0.998207054						
PLPP3	ENSG00000162407.8	0.351559476	3	3	0.158823589	Brain_Cerebellum	
	0.62622757	Brain_Anterior_cingulate_cortex_BA24	1.091731148	0.92959601			
	0.92959601	-1.409039162	-0.487043407	-1.003093801	0.470756181	3	
	0	0.998207054					
TMEM185B	ENSG00000226479.3	0.351711718	4	4	0.164912293		
	Brain_Cortex	0.960096831			Brain_Putamen_basal_ganglia	2.436190359	
	0.252323959	0.252323959	-1.388738464	0.050032072	-0.741231288		
	0.624215743	4	0	0.998207054			
ANKRA2	ENSG00000164331.9	0.351714689	3	3	0.464837947		
	Brain_Cerebellar_Hemisphere	0.543584359			Brain_Frontal_Cortex_BA9		
	1.884397921	0.311592308	0.311592308	-0.630454478	0.730903747		
	-0.168984145	0.779411009	3	0	0.998207054		
GAD2	ENSG00000136750.11	0.351723597	1	1	0.351723597	Brain_Cerebellum	
	0.351723597	Brain_Cerebellum	1	1	-0.93125128	-0.93125128	
	-0.93125128	NA	1	0	0.998207054		
ARL9	ENSG00000196503.3	0.351774141	3	3	0.194734943		
	Brain_Anterior_cingulate_cortex_BA24	0.956761131			Brain_Cortex		
	1.710135232	0.435897344	0.435897344	-1.296698508	0.992721401		
	-0.119398515	1.146100873	3	0	0.998207054		
RP11-367H1.1	ENSG00000273113.1	0.351819068	2	2	0.149053747		
	Brain_Cerebellar_Hemisphere	0.858912232			Brain_Spinal_cord_cervical_c-1		
	1.06382705	0.93617295	0.93617295	-0.17775902	1.442881885	0.632561432	
	1.145966174	2	0	0.998207054			
APOBEC3F	ENSG00000128394.16	0.351860521	1	1	0.351860521		
	Brain_Cerebellar_Hemisphere	0.351860521			Brain_Cerebellar_Hemisphere	1	1
	1	0.93098655	0.93098655	0.93098655	NA	1	0
	0.998207054						
MYBBP1A	ENSG00000132382.14	0.35189668	1	1	0.35189668	Brain_Hippocampus	
	0.35189668	Brain_Hippocampus	1	1	1	0.930916652	0.930916652
	0.930916652	NA	1	0	0.998207054		
MYNN	ENSG00000085274.15	0.35195915	2	2	0.180099599		
	Brain_Frontal_Cortex_BA9	0.700550936			Brain_Cerebellum	1.113403578	
	0.886596422	0.886596422	-0.384576867	1.340448432	0.477935783		
	1.219777086	2	0	0.998207054			

DENND4C	ENSG00000137145.20	0.351966404	1	1	0.351966404	
	Brain_Spinal_cord_cervical_c-1	0.351966404			Brain_Spinal_cord_cervical_c-1	
	1 1 1	-0.930781882	-0.930781882	-0.930781882	NA 1 0	
	0.998207054					
XKR4	ENSG00000206579.8	0.352001198	1	1	0.352001198	Brain_Cerebellum
	0.352001198	Brain_Cerebellum	1	1	-0.930714633	-0.930714633
	-0.930714633	NA 1	0	0.998207054		
ARL17A	ENSG00000185829.17	0.352078252	11	3	0.10838315	
	Brain_Nucleus_accumbens_basal_ganglia	0.889625337			Brain_Caudate_basal_ganglia	
	8.984230898	0.00785473	0.45268475	-1.605503014	-0.138778306	
	-0.901838303	0.441359454	3	0	0.998207054	
LEMD2	ENSG00000161904.11	0.352104174	9	2	0.108726308	
	Brain_Frontal_Cortex_BA9	0.949439607			Brain_Cerebellar_Hemisphere	
	7.731805273	0.00316427	0.827447658	-1.603944403	-0.063410524	
	-0.99185417	0.448834839	2	0	0.998207054	
CUL3	ENSG00000036257.12	0.352248787	3	2	0.216609131	
	Brain_Hippocampus	0.529048197			Brain_Cortex	1.9521384 0.054336925
	0.993524674	-1.235595037	-0.629459619	-0.947892316	0.304233931	
	2 0	0.998207054				
HAUS8	ENSG00000131351.14	0.35234317	3	2	0.148598515	
	Brain_Caudate_basal_ganglia	0.185823904			Brain_Cerebellum	2.892433765
	0.001702658	0.105863577	1.323034503	1.444499518	1.3639712	
	0.069742812	2 0	0.998207054			
ANGPT4	ENSG00000101280.7	0.35239414	2	2	0.150688555	
	Brain_Caudate_basal_ganglia	0.989286299			Brain_Anterior_cingulate_cortex_BA24	
	1.090464272	0.909535728	0.909535728	-1.437103614	0.013428037	
	-0.711837788	1.025680767	2	0	0.998207054	
ZNF226	ENSG00000167380.16	0.352461479	1	1	0.352461479	
	Brain_Cerebellum	0.352461479	Brain_Cerebellum	1 1 1	-0.929825426	
	-0.929825426	-0.929825426	NA 1	0	0.998207054	
AP000462.3	ENSG00000256972.1	0.352491853	2	2	0.150046661	
	Brain_Cerebellum	0.270067915			Brain_Cerebellar_Hemisphere	1.708936152
	0.291063848	0.291063848	1.10290617	1.439366674	1.271136422	
	0.237913504	2 0	0.998207054			
KRT1	ENSG00000167768.4	0.352613533	3	3	0.248725601	
	Brain_Caudate_basal_ganglia	0.401751396			Brain_Anterior_cingulate_cortex_BA24	
	1.042461179	0.957277129	0.957277129	-1.15031176	1.153450312	
	-0.278452956	1.249826897	3	0	0.998207054	
MSH5	ENSG00000204410.14	0.352671954	2	2	0.14901033	
	Brain_Putamen_basal_ganglia	0.770460132			Brain_Cerebellar_Hemisphere	
	1.171047064	0.828952936	0.828952936	-1.443036	-0.291773076	
	-0.867404538	0.814065821	2	0	0.998207054	
FAM221B	ENSG00000204930.9	0.352674379	1	1	0.352674379	
	Brain_Cerebellar_Hemisphere	0.352674379	Brain_Cerebellar_Hemisphere	1 1		
	1 0.929414379	0.929414379	0.929414379	NA 1 0		
	0.998207054					
PLA2G15	ENSG00000103066.12	0.352715607	2	2	0.185898254	
	Brain_Hippocampus	0.45756373	Brain_Frontal_Cortex_BA9	1.128051719		
	0.871948281	0.871948281	-1.322810951	-0.742864483	-1.032837717	
	0.41008408	2 0	0.998207054			
LURAP1L	ENSG00000153714.5	0.352758691	10	2	0.184466422	
	Brain_Cerebellar_Hemisphere	0.999307337			Brain_Substantia_nigra	
	8.708334408	0.000492904	0.991578827	0.000868125	1.327127767	
	0.603298575	0.356116327	2	0	0.998207054	
YTHDF3-AS1	ENSG00000270673.1	0.352758922	2	2	0.375908988	
	Brain_Putamen_basal_ganglia	0.724734784			Brain_Cerebellum	1.61631187 0.38368813
	0.38368813	-0.88545925	0.352137983	-0.266660633	0.875113397	2
	0	0.998207054				
NOMO2	ENSG00000185164.14	0.352902737	1	1	0.352902737	Brain_Cerebellum
	0.352902737	Brain_Cerebellum	1 1 1	-0.928973659	-0.928973659	
	-0.928973659	NA 1	0	0.998207054		
REM2	ENSG00000139890.9	0.352914497	2	2	0.158595274	

	Brain_Caudate_basal_ganglia	0.840290636		Brain_Cerebellum	1.075618371		
	0.924381629	0.924381629	0.201521735	1.409811756	0.805666746		
	0.854390068	2	0	0.998207054			
RCAN2	ENSG00000172348	14	0.35294271	1	1	0.35294271	Brain_Cerebellum 0.35294271
	Brain_Cerebellum	1	1	-0.928896533	-0.928896533	-0.928896533	
	NA	1	0	0.998207054			
MTRNR2L12	ENSG00000269028	3	0.353086155	1	1	0.353086155	
	Brain_Anterior_cingulate_cortex_BA24	0.353086155					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.928619803		
	-0.928619803	-0.928619803	NA	1	0	0.998207054	
PADI4	ENSG00000159339	13	0.353148321	5	2	0.203832108	
	Brain_Caudate_basal_ganglia	0.708620639		Brain_Anterior_cingulate_cortex_BA24			
	3.888592065	0.002542688	0.993470348	0.373709255	1.270709238		
	0.853122301	0.329948834	2	0	0.998207054		
EPHB3	ENSG00000182580	2	0.353198436	1	1	0.353198436	Brain_Cerebellum
	0.353198436	Brain_Cerebellum	1	1	1	0.928403244	0.928403244
	0.928403244	NA	1	0	0.998207054		
BET1L	ENSG00000177951	17	0.353324161	6	5	0.054915758	
	Brain_Spinal_cord_cervical_c-1	0.766181212					
	Brain_Anterior_cingulate_cortex_BA24	3.029645112		0.033471289			
	0.152806764	-1.879045268	1.919542141	-0.299309435	1.364144615		
	5	0	0.998207054				
HEATR5A	ENSG00000129493	14	0.353341767	5	4	0.201212262	
	Brain_Spinal_cord_cervical_c-1	0.935216743					
	Brain_Nucleus_accumbens_basal_ganglia	3.593483376		0.058250528			
	0.252725137	-1.278105409	0.386443842	-0.198972228	0.698261813		
	4	0	0.998207054				
B4GALT3	ENSG00000158850	14	0.353380812	1	1	0.353380812	
	Brain_Cerebellum	0.353380812	Brain_Cerebellum	1	1	1	-0.928051586
	-0.928051586	-0.928051586	NA	1	0	0.998207054	
GPC1	ENSG00000063660	8	0.353467709	4	4	0.141936272	
	Brain_Cerebellar_Hemisphere	0.647036416	Brain_Putamen_basal_ganglia				
	1.921000578	0.134520586	0.134520586	-0.457883118	1.468618583		
	0.884856876	0.911582531	4	0	0.998207054		
4-Mar	ENSG00000144583	4	0.353473959	1	1	0.353473959	Brain_Cerebellum
	0.353473959	Brain_Cerebellum	1	1	1	-0.927872021	-0.927872021
	-0.927872021	NA	1	0	0.998207054		
NHP2	ENSG00000145912	8	0.353589322	2	2	0.26461721	Brain_Amygdala
	0.354883731	Brain_Anterior_cingulate_cortex_BA24	1.010338862				
	0.989661138	0.989661138	-1.115544384	0.925157993	-0.095193196		
	1.442994489	2	0	0.998207054			
ITGA9	ENSG00000144668	11	0.353614918	3	3	0.123437523	Brain_Cerebellum
	0.568068283	Brain_Cerebellar_Hemisphere	2.227444438	0.227707611			
	0.227707611	-1.450838565	1.540504105	0.220188094	1.526198287		
	3	0	0.998207054				
DLX1	ENSG00000144355	14	0.353663995	1	1	0.353663995	
	Brain_Caudate_basal_ganglia	0.353663995	Brain_Caudate_basal_ganglia	1	1		
	1	-0.927505775	-0.927505775	-0.927505775	NA	1	0
	0.998207054						
SRP68	ENSG00000167881	14	0.353770658	1	1	0.353770658	
	Brain_Cerebellar_Hemisphere	0.353770658	Brain_Cerebellar_Hemisphere	1	1		
	1	-0.927300263	-0.927300263	-0.927300263	NA	1	0
	0.998207054						
LIX1	ENSG00000145721	11	0.35386954	2	2	0.163994174	Brain_Cortex
	0.683203743	Brain_Anterior_cingulate_cortex_BA24	1.0238323	0.9761677			
	0.9761677	-1.391763012	-0.408095255	-0.899929134	0.695558142		2
	0	0.998207054					
NKTR	ENSG00000114857	17	0.353896373	8	4	0.251136935	
	Brain_Frontal_Cortex_BA9	0.98789641	Brain_Cerebellar_Hemisphere	6.51517425			
	1.39E-05	0.219391805	-1.035597805	1.147592239	0.398631733		
	0.770800779	4	0	0.998207054			
EIF5A	ENSG00000132507	17	0.354067884	12	4	0.026502666	

	Brain_Caudate_basal_ganglia	0.483474105		Brain_Cerebellar_Hemisphere			
	9.806084707	0.003507555	0.366619058	0.700725874		2.218765746	
	1.631197071	0.421000531	4	0	0.998207054		
BZW1	ENSG00000082153.17	0.354146997	1	1	0.354146997		
	Brain_Cerebellar_Hemisphere	0.354146997		Brain_Cerebellar_Hemisphere	1	1	
	1	0.926575468	0.926575468	0.926575468	NA	1	0
	0.998207054						
RP11-299L17.3	ENSG00000258675.1	0.354165853	1	1	0.354165853		
	Brain_Hypothalamus	0.354165853		Brain_Hypothalamus	1	1	1
	0.926539165	0.926539165	0.926539165	NA	1	0	0.998207054
TMEM43	ENSG00000170876.7	0.354236635	1	1	0.354236635		
	Brain_Cerebellar_Hemisphere	0.354236635		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.926402905	-0.926402905	-0.926402905	NA	1	0
	0.998207054						
BHLHE40	ENSG00000134107.4	0.354253587	1	1	0.354253587		
	Brain_Substantia_nigra	0.354253587		Brain_Substantia_nigra	1	1	
	1	-0.926370273	-0.926370273	-0.926370273	NA	1	0
	0.998207054						
SYCP3	ENSG00000139351.14	0.354257922	2	2	0.647378748		Brain_Cerebellum
	0.849615533	Brain_Cerebellar_Hemisphere	1.898221469	0.101778531			
	0.101778531	-0.457406701	0.189609001	-0.13389885	0.457509191		
	2	0	0.998207054				
ZBED6	ENSG00000257315.2	0.354267169	1	1	0.354267169		
	Brain_Hippocampus	0.354267169		Brain_Hippocampus	1	1	1
	-0.926344129	-0.926344129	-0.926344129	NA	1	0	0.998207054
RP11-325E5.1	ENSG00000259656.1	0.354308258	1	1	0.354308258		
	Brain_Caudate_basal_ganglia	0.354308258		Brain_Caudate_basal_ganglia	1	1	
	1	-0.926265042	-0.926265042	-0.926265042	NA	1	0
	0.998207054						
SMC2-AS1	ENSG00000270332.1	0.354345416	2	2	0.208412818		
	Brain_Nucleus_accumbens_basal_ganglia	0.443672305		Brain_Cerebellum			
	1.051774953	0.948225047	0.948225047	0.766006718	1.257941764		
	1.011974241	0.347850607	2	0	0.998207054		
HIPK1	ENSG00000163349.21	0.354421946	1	1	0.354421946		Brain_Cortex
	0.354421946	Brain_Cortex	1	1	1	0.926046249	0.926046249
	0.926046249	NA	1	0	0.998207054		
RP11-619A14.3	ENSG00000255362.1	0.354460325	3	3	0.211439596		
	Brain_Nucleus_accumbens_basal_ganglia	0.33562502		Brain_Caudate_basal_ganglia			
	1.555551229	0.457176587	0.457176587	0.962845586	1.249616709		
	1.082220719	0.149294746	3	0	0.998207054		
GRIN2B	ENSG00000273079.5	0.354592787	1	1	0.354592787		
	Brain_Putamen_basal_ganglia	0.354592787		Brain_Putamen_basal_ganglia	1	1	
	1	-0.925717547	-0.925717547	-0.925717547	NA	1	0
	0.998207054						
AC000403.4	ENSG00000278727.1	0.354776311	1	1	0.354776311		
	Brain_Cerebellum	0.354776311		Brain_Cerebellum	1	1	1
	0.925364553	0.925364553	NA	1	0	0.998207054	
ARHGAP12	ENSG00000165322.17	0.354780909	3	3	0.233041044		
	Brain_Cerebellar_Hemisphere	0.647883197		Brain_Anterior_cingulate_cortex_BA24			
	2.067662576	0.226407399	0.226407399	-0.729969721	1.192561774		
	0.306432305	0.970035163	3	0	0.998207054		
GPR162	ENSG00000250510.7	0.354862793	2	2	0.150605876		
	Brain_Spinal_cord_cervical_c-1	0.726506065		Brain_Cerebellum	1.190685519		
	0.809314481	0.809314481	0.349776996	1.437394694	0.893585845		
	0.76906185	2	0	0.998207054			
SENP5	ENSG00000119231.10	0.354876463	5	3	0.242135761		
	Brain_Caudate_basal_ganglia	0.934636499		Brain_Nucleus_accumbens_basal_ganglia			
	3.785012166	0.00844193	0.368923948	-1.169665119	0.23995369		
	-0.342284022	0.716224642	3	0	0.998207054		
ZNF90	ENSG00000213988.10	0.35494682	1	1	0.35494682		Brain_Hypothalamus
	0.35494682	Brain_Hypothalamus	1	1	1	-0.925036696	-0.925036696
	-0.925036696	NA	1	0	0.998207054		

EOGT	ENSG00000163378.13	0.354964268	4	4	0.373000531		
	Brain_Spinal_cord_cervical_c-1	0.715833802			Brain_Caudate_basal_ganglia		
	2.416172201	0.202370218			-0.575433914	0.890866991	
	0.09289401	0.682963627	4	0	0.998207054		
IKZF1	ENSG00000185811.16	0.354978432	2	2	0.177407681		
	Brain_Caudate_basal_ganglia	0.632468125			Brain_Hypothalamus	1.017682807	
	0.982317193	0.982317193			-1.348779874	-0.478255836	-0.913517855
	0.615553451	2	0	0.998207054			
NDC1	ENSG00000058804.11	0.355045207	1	1	0.355045207		
	Brain_Caudate_basal_ganglia	0.355045207			Brain_Caudate_basal_ganglia	1	1
	1	0.92484756	0.92484756	0.92484756	NA	1	0
					0.998207054		
ZKSCAN1	ENSG00000106261.16	0.355196845	2	2	0.175089149		
	Brain_Caudate_basal_ganglia	0.996448249			Brain_Amygdala	1.337207321	
	0.662792679	0.662792679			-1.35603149	-0.004451474	-0.680241482
	0.955711394	2	0	0.998207054			
LRRC27	ENSG00000148814.17	0.355198734	10	2	0.299575436		
	Brain_Caudate_basal_ganglia	0.924466198			Brain_Cerebellar_Hemisphere		
	8.969649881	0.002134272			0.575068426	-0.094809428	1.03734428
	0.675439662	0.346637567	2	0	0.998207054		
PMP2	ENSG00000147588.6	0.3552278	2	2	0.166148161		
	Brain_Frontal_Cortex_BA9	0.430584731			Brain_Caudate_basal_ganglia		
	1.300076869	0.699923131			0.699923131	-1.384687113	-0.788191447
	-1.08643928	0.42178613	2	0	0.998207054		
B4GALNT4	ENSG00000182272.11	0.355287504	6	6	0.041579811		
	Brain_Putamen_basal_ganglia	0.648483151			Brain_Cortex	3.760707314	
	0.165588541	0.165588541			0.455870434	2.037701331	0.945772613
	0.565912823	6	0	0.998207054			
CCSER1	ENSG00000184305.14	0.355305275	3	3	0.19117298		
	Brain_Cerebellar_Hemisphere	0.962046945			Brain_Spinal_cord_cervical_c-1		
	1.077231588	0.944063672			0.944063672	-1.307116996	1.305035047
	0.015167701	1.306377716	3	0	0.998207054		
C2orf40	ENSG00000119147.9	0.355424593	9	5	0.027901444		
	Brain_Hippocampus	0.279634346			Brain_Cortex	6.875516309	3.23E-18
	0.349399493	-2.198669324			-1.081141116	-1.793841074	0.300787282
	5	0	0.998207054				
RP11-430G17.3	ENSG00000271200.1	0.355436364	1	1	0.355436364		
	Brain_Cerebellum	0.355436364			Brain_Cerebellum	1	1
	-0.924095946	-0.924095946	NA	1	0	0.998207054	
CPEB1	ENSG00000214575.9	0.355507783	3	3	0.416471627		Brain_Cerebellum
	Brain_Hippocampus	1.881085138			0.338706471		
	0.710260007	-0.682810717			0.812557814	-0.080586606	0.78899159
	0.338706471						3
	0	0.998207054					
LINC01544	ENSG00000260440.2	0.355511887	2	2	0.199542311		
	Brain_Cerebellar_Hemisphere	0.493447687			Brain_Cerebellum	1.027239577	
	0.972760423	0.972760423			0.684835569	1.282856628	0.983846098
	0.422864746	2	0	0.998207054			
SLFN12	ENSG00000172123.12	0.355529658	2	2	0.205955562		
	Brain_Caudate_basal_ganglia	0.302374114			Brain_Cerebellum	1.298923156	
	0.701076844	0.701076844			1.031355557	1.264765053	1.148060305
	0.165045438	2	0	0.998207054			
ZNF600	ENSG00000189190.9	0.355792446	6	6	0.055448683		
	Brain_Cerebellum	0.67641353			Brain_Cerebellar_Hemisphere	2.111674921	
	0.385789326	0.385789326			-1.915343721	-0.417362158	-1.074080402
	0.572289952	6	0	0.998207054			
NPR1	ENSG00000169418.9	0.355876103	2	2	0.181272906		Brain_Cerebellum
	Brain_Frontal_Cortex_BA9	1.061234644			0.938765356		
	0.655937083	-0.445529587			1.336846013	0.445658213	1.260329873
	0.938765356						
	2	0	0.998207054				
NGFR	ENSG00000064300.8	0.355940508	5	4	0.07828156		Brain_Hippocampus
	Brain_Cerebellum	3.433042342			0.080733733		0.240313387
	0.942478238						
	0.0721554	1.760745073			0.794191066	0.611303904	4
	0.998207054						0

KIRREL3	ENSG00000149571.11	0.35610293	2	2	0.310610168	
	Brain_Spinal_cord_cervical_c-1	0.352485432			Brain_Hippocampus	
	1.083798485	0.916201515	0.916201515		-0.929779172	1.013942546
	0.042081687	1.374418807	2	0	0.998207054	
ZNF644	ENSG00000122482.20	0.356133202	1	1	0.356133202	
	Brain_Anterior_cingulate_cortex_BA24	0.356133202				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.922758251	
	-0.922758251	-0.922758251	NA	1	0	0.998207054
NPM1	ENSG00000181163.13	0.356172894	2	2	0.243150657	Brain_Cerebellum
	0.375837244	Brain_Putamen_basal_ganglia	1.041286738		0.958713262	
	0.958713262	-1.167147875	-0.885592334		-1.026370105	0.199089832
	2	0	0.998207054			
CCNB2	ENSG00000157456.7	0.356208748	3	3	0.094844514	
	Brain_Spinal_cord_cervical_c-1	0.861724676			Brain_Cortex	1.144890915
	0.852229137	0.852229137	-0.174179143		1.670378431	0.633278979
	0.943477354	3	0	0.998207054		
TPGS2	ENSG00000134779.14	0.356216115	10	4	0.03569221	Brain_Cerebellum
	0.947446729	Brain_Cortex	7.230997967		0.011797007	0.261300341
	-2.100416597	0.570936041	-0.374862039		0.763194807	4
	0.998207054					0
CTD-3220F14.1	ENSG00000267605.5	0.356272788	6	6	0.068962772	
	Brain_Hippocampus	0.982146418	Brain_Hypothalamus	3.038211961		
	0.171371887	0.171371887	-1.331081593		1.818663575	0.178457285
	1.042718971	6	0	0.998207054		
GTPBP10	ENSG00000105793.15	0.356411558	8	6	0.292764632	
	Brain_Nucleus_accumbens_basal_ganglia	0.618447556	Brain_Frontal_Cortex_BA9			
	4.878796494	0.064358037	0.212444633		-1.009162418	1.052076111
	0.612996124	0.684128876	6	0	0.998207054	
SENP2	ENSG00000163904.12	0.356457431	2	2	0.207522066	Brain_Cerebellum
	0.354447496	Brain_Substantia_nigra	1.199131934		0.800868066	
	0.800868066	0.925997083	1.260408418		1.093202751	0.236464523
	2	0	0.998207054			
P2RX7	ENSG00000089041.16	0.356491715	7	4	0.29244121	
	Brain_Cerebellar_Hemisphere	0.862301405	Brain_Caudate_basal_ganglia			
	5.246842351	0.026001958	0.345917968		-0.622431138	1.052781359
	0.287980786	0.632474785	4	0	0.998207054	
SPG7	ENSG00000197912.14	0.3566184	2	2	0.155095149	
	Brain_Caudate_basal_ganglia	0.983570541	Brain_Amygdala	1.154788103		
	0.845211897	0.845211897	0.020592728		1.421762708	0.721177718
	0.990776794	2	0	0.998207054		
PCNP	ENSG00000081154.11	0.356674858	1	1	0.356674858	
	Brain_Caudate_basal_ganglia	0.356674858	Brain_Caudate_basal_ganglia	1	1	
	1	-0.921719593	-0.921719593	-0.921719593	NA	1
	0.998207054					0
RP3-340N1.2	ENSG00000227066.1	0.356773605	9	2	0.133701917	
	Brain_Substantia_nigra	0.897182983	Brain_Caudate_basal_ganglia			
	7.776508289	7.32E-06	0.586007391		0.129220744	1.499662236
	0.395990053	0.4522163	2	0	0.998207054	
POLR3K	ENSG00000161980.5	0.357041732	3	3	0.152893516	
	Brain_Cerebellar_Hemisphere	0.712508257	Brain_Cerebellum	1.060717884		
	0.945455541	0.945455541	-0.94127373		1.429385319	0.285533704
	1.187504666	3	0	0.998207054		
CDPF1	ENSG00000205643.10	0.357150936	1	1	0.357150936	
	Brain_Putamen_basal_ganglia	0.357150936	Brain_Putamen_basal_ganglia	1	1	
	1	-0.920807505	-0.920807505	-0.920807505	NA	1
	0.998207054					0
ATP6AP1L	ENSG00000205464.11	0.357164095	13	2	0.332367697	
	Brain_Hypothalamus	0.973458384	Brain_Nucleus_accumbens_basal_ganglia			
	11.82185184	0.002722757	0.479623671		-0.9693558	0.226410705
	-0.081093053	0.306694085	2	0	0.998207054	
CARD19	ENSG00000165233.17	0.357164938	12	6	0.178658301	
	Brain_Anterior_cingulate_cortex_BA24	0.966986539	Brain_Cerebellum			

	8.327637284	0.009218269	0.295544017	-1.344897615	1.078843881
	-0.295589836	0.673674918	6 0	0.998207054	
CIQTNF1	ENSG00000173918.14	0.357236068	1 1	0.357236068	
	Brain_Putamen_basal_ganglia	0.357236068	Brain_Putamen_basal_ganglia	1	1
	1 0.920644488	0.920644488	0.920644488	NA 1	0
	0.998207054				
NAE1	ENSG00000159593.14	0.35757963	1 1	0.35757963	Brain_Cortex 0.35757963
	Brain_Cortex	1 1 1	-0.919986853	-0.919986853	-0.919986853
	NA 1	0	0.998207054		
TMEM51	ENSG00000171729.13	0.357584543	5 5	0.038643042	
	Brain_Amygdala	0.944468076	Brain_Cerebellum	1.770688472	0.145680689
	0.145680689	-0.283345924	2.067967897	0.515407792	0.971780754
	5 0	0.998207054			
TMED5	ENSG00000117500.12	0.357595007	6 4	0.088225312	
	Brain_Spinal_cord_cervical_c-1	0.907557874	Brain_Cerebellum	4.734390437	
	0.027000817	0.247356422	-1.704834408	-0.11611945	-1.125924116
	0.534595267	4 0	0.998207054		
UBE4B	ENSG00000130939.18	0.357645454	1 1	0.357645454	
	Brain_Cerebellar_Hemisphere	0.357645454	Brain_Cerebellar_Hemisphere	1	1
	1 0.9198609	0.9198609	0.9198609	NA 1	0
	0.998207054				
UBR5	ENSG00000104517.12	0.357654043	2 2	0.306448903	
	Brain_Cerebellar_Hemisphere	0.312814619	Brain_Anterior_cingulate_cortex_BA24		
	1.004034185	0.995965815	0.995965815	-1.02270171	1.00933371
	-0.006684	1.436866025	2 0	0.998207054	
SCNN1A	ENSG00000111319.12	0.357657077	1 1	0.357657077	
	Brain_Cerebellum	0.357657077	Brain_Cerebellum	1 1 1	0.91983866
	0.91983866	0.91983866	NA 1	0	0.998207054
COLCA2	ENSG00000214290.8	0.357670825	5 4	0.049790772	
	Brain_Spinal_cord_cervical_c-1	0.764592075	Brain_Frontal_Cortex_BA9		
	2.861420938	0.068679035	0.340155097	0.299456085	1.961757089
	1.115500275	0.600841967	4 0	0.998207054	
MIS12	ENSG00000167842.15	0.357679639	11 7	0.113695312	
	Brain_Spinal_cord_cervical_c-1	0.924515811	Brain_Hypothalamus		
	6.346608969	0.035910728	0.236444841	-1.581799661	0.993957805
	-0.327085275	0.838025646	7 0	0.998207054	
PGAP3	ENSG00000161395.13	0.357707633	6 4	0.36272934	
	Brain_Spinal_cord_cervical_c-1	0.950111361			
	Brain_Nucleus_accumbens_basal_ganglia	4.463171715	0.029268684		
	0.223852183	-0.910176682	0.526008667	-0.249187894	0.528995081
	4 0	0.998207054			
MORN3	ENSG00000139714.12	0.357724729	6 6	0.048628308	
	Brain_Spinal_cord_cervical_c-1	0.991658669	Brain_Cortex	3.572181509	
	0.192831034	0.192831034	-1.220320443	1.971836203	-0.338345446
	1.211533821	6 0	0.998207054		
ZNF764	ENSG00000169951.9	0.357742122	1 1	0.357742122	
	Brain_Frontal_Cortex_BA9	0.357742122	Brain_Frontal_Cortex_BA9	1	1
	1 -0.919675953	-0.919675953	-0.919675953	NA 1	0
	0.998207054				
ATP2A1	ENSG00000196296.13	0.357832697	1 1	0.357832697	
	Brain_Hypothalamus	0.357832697	Brain_Hypothalamus	1 1 1	
	0.919502694	0.919502694	0.919502694	NA 1	0
	0.998207054				
SCPEP1	ENSG00000121064.12	0.357900831	2 2	0.228304412	
	Brain_Cerebellum	0.501178209	Brain_Substantia_nigra	1.084266951	
	0.915733049	0.915733049	-1.204738128	0.672637075	-0.266050526
	1.327504737	2 0	0.998207054		
RP11-429J17.7	ENSG00000254973.1	0.35801597	4 2	0.486356744	
	Brain_Nucleus_accumbens_basal_ganglia	0.939306767	Brain_Cerebellar_Hemisphere		
	3.521497114	0.009997773	0.44029575	-0.696115111	0.542148197
	-0.213284296	0.574602141	2 0	0.998207054	
ZNF436	ENSG00000125945.14	0.358108549	3 3	0.102313329	
	Brain_Putamen_basal_ganglia	0.773549859	Brain_Cortex	1.160350683	
	0.837793015	0.837793015	-0.939510745	1.6337406	0.135498399

	1.337815491	3	0	0.998207054					
DIP2B	ENSG00000066084.12		0.35812939	3	3		0.138237585		
	Brain_Putamen_basal_ganglia		0.416736175				Brain_Nucleus_accumbens_basal_ganglia		
	2.23146879	0.133388209	0.133388209				0.81209665	1.48238612	1.125508687
	0.337252019	3	0	0.998207054					
CSRNP2	ENSG00000110925.6		0.35813388	2	1		0.27248734		
	Brain_Cerebellar_Hemisphere		0.474510754				Brain_Cerebellum	1.945224667	
	0.054775333	1.945224667	0.715159074				1.097352476	0.906255775	
	0.270251546	1	0	0.998207054					
LANCL2	ENSG00000132434.9		0.358195069		3	3	0.159825228		
	Brain_Caudate_basal_ganglia		0.622741312				Brain_Cortex	1.528009516	
	0.681254908	0.681254908	-1.405659603				0.54700252	-0.450208669	
	0.977000655	3	0	0.998207054					
LCOR	ENSG00000196233.12		0.358239209	2	2		0.318400586		Brain_Amygdala
	0.363904187	Brain_Hypothalamus	1.11399981				0.88600019	0.88600019	
	-0.907950855	0.997750031	0.044899588				1.34753402	2	0
	0.998207054								
FARP2	ENSG00000006607.13		0.358281921	10	4		0.230467242		Brain_Amygdala
	0.796801353	Brain_Cerebellar_Hemisphere	6.984585523				0.006794043		
	0.26193264	-1.19915613	0.827123029				-0.17674793	0.664042231	4
	0	0.998207054							
FLVCR1-AS1	ENSG00000198468.7		0.358304341	13	1		0.251435676		
	Brain_Amygdala	0.51051328	Brain_Spinal_cord_cervical_c-1	12.33299561					
	3.61E-05	12.33299561	0.658038675				1.146869219	0.893891788	
	0.153474035	1	0	0.998207054					
NUDT19	ENSG00000213965.3		0.358345278	2	2		0.175161713		
	Brain_Substantia_nigra		0.806198312				Brain_Hippocampus	1.156303493	
	0.843696507	0.843696507	-0.245333375				1.355803452	0.555235039	
	1.132174708	2	0	0.998207054					
PLA2G6	ENSG00000184381.18		0.358549008	6	6		0.15863103		
	Brain_Spinal_cord_cervical_c-1	0.81539187	Brain_Hippocampus	2.952148131					
	0.19923203	0.19923203	-1.223040211				1.409690708	-0.124128874	
	0.994713749	6	0	0.998207054					
NR2C2	ENSG00000177463.15		0.358684185	2	2		0.285036858		
	Brain_Spinal_cord_cervical_c-1	0.356901474	Brain_Cortex	1.02904433					
	0.97095567	0.97095567	-0.921285339				1.06907282	0.07389374	1.407395751
	0	0.998207054							2
ASB3	ENSG00000115239.21		0.358793239	1	1		0.358793239		
	Brain_Caudate_basal_ganglia	0.358793239	Brain_Caudate_basal_ganglia	1	1				
	1	0.917666982	0.917666982	0.917666982	NA	1	0		
	0.998207054								
ELAVL4	ENSG00000162374.16		0.358826929	1	1		0.358826929		
	Brain_Cerebellum	0.358826929	Brain_Cerebellum	1	1	1	-0.917602652		
	-0.917602652	-0.917602652	NA	1	0		0.998207054		
PERP	ENSG00000112378.11		0.358905037	9	5		0.025641659		
	Brain_Hypothalamus	0.282409266	Brain_Cortex	6.62025591	0.067348827				
	0.310423133	-2.231596266	-1.07492286				-1.612856985	0.38331732	5
	0	0.998207054							
CHMP4C	ENSG00000164695.4		0.359048488	5	3		0.315360057		
	Brain_Caudate_basal_ganglia	0.921764186	Brain_Putamen_basal_ganglia						
	4.439568814	0.012109091	0.193341877				0.098211708	1.0040385	
	0.714721691	0.387033717	3	0			0.998207054		
MOB3B	ENSG00000120162.9		0.359090346	4	3		0.162146006		
	Brain_Cerebellar_Hemisphere	0.428091967	Brain_Substantia_nigra						
	1.992858184	0.005891183	0.90531802				-1.397890319	0.93015986	
	-0.258140891	1.293958942	3	0			0.998207054		
CTD-2012J19.3	ENSG00000271119.1		0.359155633	6	6		0.109312118		
	Brain_Hypothalamus	0.659911989	Brain_Putamen_basal_ganglia	1.994664098					
	0.310365944	0.310365944	-0.83733587				1.601292643	0.457938585	
	0.95316453	6	0	0.998207054					
MAGEL2	ENSG00000254585.2		0.359208918	1	1		0.359208918		
	Brain_Putamen_basal_ganglia	0.359208918	Brain_Putamen_basal_ganglia	1	1				

1	-0.916873526	-0.916873526	-0.916873526	NA	1	0	
0.998207054							
PROSC	ENSG00000147471.11	0.359262571	1	1	0.359262571		
	Brain_Nucleus_accumbens_basal_ganglia	0.359262571					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.916771154		
	-0.916771154	-0.916771154	NA	1	0	0.998207054	
SLC17A6	ENSG00000091664.7	0.359331139	2	2	0.160735238		
	Brain_Cortex	0.735752685			Brain_Hypothalamus	1.039458256	
	0.960541744	0.960541744			0.337483186	1.402603062	0.870043124
	0.753153487	2	0		0.998207054		
SCAMP2	ENSG00000140497.16	0.359378058	3	3	0.148901843		
	Brain_Cerebellum	0.795900249			Brain_Nucleus_accumbens_basal_ganglia		
	1.519128323	0.403125139			0.403125139	-1.443421246	0.502376101
	-0.227462866	1.060078248	3	0	0.998207054		
LINC00648	ENSG00000259129.5	0.359387519	10	4	0.163017365		
	Brain_Hippocampus	0.645673536			Brain_Anterior_cingulate_cortex_BA24		
	7.683892777	0.016660827			0.392120567	-1.394994943	0.459780842
	-0.935166532	0.537206793	4	0	0.998207054		
MIPOL1	ENSG00000151338.18	0.359400111	1	1	0.359400111		
	Brain_Caudate_basal_ganglia	0.359400111			Brain_Caudate_basal_ganglia	1	1
	1	-0.916508768	-0.916508768	-0.916508768	NA	1	0
	0.998207054						
RP11-575H3.1	ENSG00000261600.1	0.359427162	3	3	0.145544608		
	Brain_Cortex	0.705762098			Brain_Cerebellar_Hemisphere	1.324282894	
	0.637228504	0.637228504			-1.455450416	1.356135058	-0.158956383
	1.418482231	3	0		0.998207054		
C4orf3	ENSG00000164096.12	0.35946639	1	1	0.35946639	Brain_Cerebellum	
	0.35946639	Brain_Cerebellum	1	1	0.916382349	0.916382349	
	0.916382349	NA	1	0	0.998207054		
RP3-486I3.7	ENSG00000237021.2	0.359471699	2	2	0.230105115		
	Brain_Cerebellar_Hemisphere	0.537741939			Brain_Cortex	1.129715265	
	0.870284735	0.870284735			-0.616231201	1.20008813	0.291928465
	1.284331715	2	0		0.998207054		
QRSL1	ENSG00000130348.11	0.359592096	13	2	0.429113538	Brain_Amygdala	
	0.984154871	Brain_Cerebellum	11.49284484		4.36E-05	0.456992382	
	-0.720340644	0.790709488	0.070267311		0.356231303	2	0
	0.998207054						
PPP2R2D	ENSG00000175470.18	0.359602059	3	2	0.275702558		
	Brain_Nucleus_accumbens_basal_ganglia	0.413903499			Brain_Cerebellar_Hemisphere		
	1.994122389	0.010919383			0.994958228	-0.91832973	1.090024032
	-0.215116441	1.131418781	2	0	0.998207054		
BYSL	ENSG00000112578.9	0.35964237	1	1	0.35964237	Brain_Cerebellar_Hemisphere	
	0.35964237	Brain_Cerebellar_Hemisphere	1	1	-0.916046759		
	-0.916046759	-0.916046759	NA	1	0	0.998207054	
SNN	ENSG00000184602.5	0.359767012	1	1	0.359767012	Brain_Cortex	
	0.359767012	Brain_Cortex	1	1	1	0.915809134	0.915809134
	0.915809134	NA	1	0	0.998207054		
C1QL2	ENSG00000144119.3	0.359779048	4	4	0.16630285		
	Brain_Putamen_basal_ganglia	0.801326644			Brain_Cortex	2.016575623	
	0.17318912	0.17318912	-1.384181621		0.977446692	-0.357570405	
	1.161798798	4	0		0.998207054		
RP11-1348G14.4	ENSG00000251417.2	0.359796526	12	4	0.044179351		
	Brain_Cerebellum	0.650841166			Brain_Caudate_basal_ganglia	9.589297621	
	0.000750398	0.380745047			-2.012385165	0.591431023	-1.097943834
	0.667136511	4	0		0.998207054		
MPP3	ENSG00000161647.18	0.359856975	2	2	0.197101464		
	Brain_Frontal_Cortex_BA9	0.57119165			Brain_Cerebellar_Hemisphere	1.038752161	
	0.961247839	0.961247839			-1.289853686	0.566297368	-0.361778159
	1.312496997	2	0		0.998207054		
NARF	ENSG00000141562.17	0.360053369	8	2	0.118327134		
	Brain_Anterior_cingulate_cortex_BA24	0.404162408			Brain_Frontal_Cortex_BA9		
	7.091322956	0.001015721			0.566117133	0.834210442	1.561833857

	1.267142458	0.276965865	2	0	0.998207054	
PTPA	ENSG00000119383.19	0.360074563	7	7	0.024085875	
	Brain_Frontal_Cortex_BA9	0.974087265			Brain_Cerebellum	2.15394589
	0.235092613	0.235092613		-0.644203602	2.255756654	0.303316289
	1.014404428	7	0	0.998207054		
CDCA3	ENSG00000111665.11	0.360185388	12	3	0.13666506	Brain_Hypothalamus
	0.73412505	Brain_Hippocampus	9.666130518		0.002198182	0.632573698
	-1.488325551	0.339643454		-0.823990108	0.45385703	3
	0.998207054				0	
TTI1	ENSG00000101407.12	0.360236291	4	4	0.047754978	
	Brain_Hypothalamus	0.96546878	Brain_Amygdala	2.182135099		0.364334875
	0.364334875	-1.979542334		-0.043291985	-0.664418499	0.890228875
	4	0	0.998207054			
TFPI	ENSG00000003436.15	0.360321484	1	1	0.360321484	
	Brain_Anterior_cingulate_cortex_BA24	0.360321484				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.914752675	
	-0.914752675	-0.914752675	NA	1	0	0.998207054
LINC01772	ENSG00000226029.1	0.360327189	8	5	0.033211696	
	Brain_Caudate_basal_ganglia	0.774131737			Brain_Anterior_cingulate_cortex_BA24	
	5.173471941	0.000169016	0.18494384	-2.129514744	0.286974641	
	-1.530558106	0.756053476	5	0	0.998207054	
MYH1	ENSG00000109061.9	0.360489388	2	2	0.295478633	
	Brain_Substantia_nigra	0.32499359	Brain_Cerebellar_Hemisphere	1.01111993		
	0.98888007	0.98888007	-1.046178489	-0.984248001	-1.015213245	
	0.043791468	2	0	0.998207054		
SNHG15	ENSG00000232956.8	0.360498997	7	6	0.150174699	
	Brain_Caudate_basal_ganglia	0.881357747			Brain_Cerebellum	4.079745129
	0.093293274	0.146332923		-0.624078204	1.438914675	0.677839825
	0.768307149	6	0	0.998207054		
CALHM3	ENSG00000183128.7	0.360555992	2	2	0.236681336	
	Brain_Cerebellum	0.398550114	Brain_Anterior_cingulate_cortex_BA24			
	1.037867892	0.962132108	0.962132108	-1.183322558	0.844213497	
	-0.169554531	1.433684494	2	0	0.998207054	
SNX20	ENSG00000167208.14	0.360603994	1	1	0.360603994	Brain_Cerebellum
	0.360603994	Brain_Cerebellum	1	1	-0.91421479	-0.91421479
	-0.91421479	NA	1	0	0.998207054	
TFRC	ENSG00000072274.12	0.360680825	2	2	0.178377577	
	Brain_Cerebellar_Hemisphere	0.620170249	Brain_Substantia_nigra			
	1.013154301	0.986845699	0.986845699	-1.345767292	-0.495609075	
	-0.920688183	0.60115264	2	0	0.998207054	
CARD6	ENSG00000132357.13	0.360726082	2	2	0.30059004	
	Brain_Spinal_cord_cervical_c-1	0.857835282	Brain_Cerebellar_Hemisphere			
	1.592491424	0.407508576	0.407508576	-1.0351689	0.179130439	
	-0.428019231	0.858639297	2	0	0.998207054	
GSK3B	ENSG00000082701.14	0.360787326	1	1	0.360787326	
	Brain_Nucleus_accumbens_basal_ganglia	0.360787326				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.913865876	
	-0.913865876	-0.913865876	NA	1	0	0.998207054
RHBDL2	ENSG00000158315.10	0.360809382	1	1	0.360809382	
	Brain_Nucleus_accumbens_basal_ganglia	0.360809382				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.913823907	
	-0.913823907	-0.913823907	NA	1	0	0.998207054
ZFYVE16	ENSG00000039319.16	0.360910137	2	2	0.204991338	
	Brain_Anterior_cingulate_cortex_BA24	0.722221623	Brain_Cortex			
	1.224716073	0.775283927	0.775283927	-0.355491217	1.267458655	
	0.455983719	1.14759886	2	0	0.998207054	
ADCY6	ENSG00000174233.11	0.36106523	3	3	0.200921481	Brain_Cortex
	0.481350794	Brain_Cerebellar_Hemisphere	1.218148772		0.765364914	
	0.765364914	-1.278930641	0.704131646	-0.562744006	1.100262607	
	3	0	0.998207054			
BAP1	ENSG00000163930.9	0.361078664	2	2	0.159119825	
	Brain_Hippocampus	0.270884083	Brain_Cortex	1.865266059		

	0.134733941	0.134733941	1.101028891	1.408037978	1.254533435	
	0.217088207	2	0	0.998207054		
ARL1	ENSG00000120805.13	0.361096013	6	5	0.131587963	Brain_Cerebellum
	0.935859507	Brain_Hippocampus	3.083242688	0.096508797		
	0.341124421	-1.127823525	1.507869373	-0.013878262	0.909365564	
	5	0	0.998207054			
RC3H1	ENSG00000135870.11	0.361097952	2	2	0.333947688	Brain_Cerebellum
	0.857258872	Brain_Nucleus_accumbens_basal_ganglia	1.815481732			
	0.184518268	0.184518268	0.179864594	0.966192855	0.573028724	
	0.556018045	2	0	0.998207054		
IDH3B	ENSG00000101365.20	0.361177587	6	5	0.29755078	
	Brain_Cerebellar_Hemisphere	0.860822212	Brain_Cortex	3.666503553		
	0.096430086	-0.150696722	-1.041700018	-0.79470998	-0.264003523	
	0.805944062	5	0	0.998207054		
PAK1	ENSG00000149269.9	0.361349061	3	3	0.078849161	
	Brain_Cerebellar_Hemisphere	0.971246722	Brain_Cortex	1.67816174		
	0.350983294	-0.350983294	-0.110730602	1.75740289	0.56090566	1.03879255
	3	0	0.998207054			
CBLN2	ENSG00000141668.9	0.361373367	1	1	0.361373367	Brain_Cerebellum
	0.361373367	Brain_Cerebellum1	1	1	-0.912751281	-0.912751281
	-0.912751281	NA	1	0	0.998207054	
LINC00621	ENSG00000262619.1	0.361589353	1	1	0.361589353	
	Brain_Nucleus_accumbens_basal_ganglia	0.361589353				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.91234078	
	-0.91234078	-0.91234078	NA	1	0	0.998207054
NSL1	ENSG00000117697.14	0.361610399	3	3	0.15516591	
	Brain_Cerebellar_Hemisphere	0.687785808	Brain_Nucleus_accumbens_basal_ganglia			
	1.423061005	0.592281046	0.592281046	-1.092302831	1.421519082	
	0.243692652	1.264352894	3	0	0.998207054	
RP11-822E23.7	ENSG00000265265.1	0.361662371	1	1	0.361662371	
	Brain_Cerebellar_Hemisphere	0.361662371	Brain_Cerebellar_Hemisphere1	1	1	
	1	-0.912202039	-0.912202039	-0.912202039	NA	1
	0.998207054				0	
SEC61G	ENSG00000132432.13	0.361901918	7	4	0.187496047	
	Brain_Nucleus_accumbens_basal_ganglia	0.740120383	Brain_Putamen_basal_ganglia			
	5.525254838	0.044230743	0.243406402	-0.459425427	1.318022705	
	0.479082344	0.525908819	4	0	0.998207054	
MR1	ENSG00000153029.14	0.362084772	2	2	0.232728125	Brain_Cerebellum
	0.377299829	Brain_Nucleus_accumbens_basal_ganglia	1.089223784			
	0.910776216	0.910776216	0.882882371	1.193360737	1.038121554	
	0.219541358	2	0	0.998207054		
CLK4	ENSG00000113240.12	0.36210808	1	1	0.36210808	Brain_Cerebellum
	Brain_Cerebellum1	1	1	0.911355523	0.911355523	0.911355523
	NA	1	0	0.998207054		
ANKS3	ENSG00000168096.14	0.362144839	1	1	0.362144839	
	Brain_Spinal_cord_cervical_c-1	0.362144839	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.911285738	0.911285738	0.911285738
	0.998207054				NA	1
						0
PCNX1	ENSG00000100731.15	0.36217782	7	3	0.071675859	
	Brain_Spinal_cord_cervical_c-1	0.819191122	Brain_Substantia_nigra			
	5.588947275	0.013885531	0.379706291	0.228585466	1.801171463	
	1.211204289	0.5440302	3	0	0.998207054	
CAPG	ENSG00000042493.15	0.362213646	11	8	0.006940325	
	Brain_Cerebellar_Hemisphere	0.903058938	Brain_Spinal_cord_cervical_c-1			
	6.282117998	0.050857146	0.250395384	0.121798075	2.699694144	
	1.573622779	0.747412638	8	0	0.998207054	
AC007383.3	ENSG00000227946.1	0.362217176	2	2	0.172841887	
	Brain_Nucleus_accumbens_basal_ganglia	0.816467264	Brain_Hypothalamus			
	1.132107505	0.867892495	0.867892495	-1.36312891	0.232091091	
	-0.565518909	1.12799088	2	0	0.998207054	
PGM3	ENSG00000013375.15	0.362220424	3	3	0.129062098	
	Brain_Anterior_cingulate_cortex_BA24	0.668214503	Brain_Frontal_Cortex_BA9			

	1.049372287	0.933697158	0.933697158	-1.517810813	0.882086901
	-0.354774565	1.201650898	3 0	0.998207054	
CXXC1	ENSG00000154832.14	0.362278569	1 1	0.362278569	
	Brain_Hypothalamus	0.362278569	Brain_Hypothalamus	1 1 1	
	-0.911031894	-0.911031894	-0.911031894	NA 1 0	0.998207054
SBK1	ENSG00000188322.4	0.362453268	1 1	0.362453268	
	Brain_Nucleus_accumbens_basal_ganglia	0.362453268			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	-0.910700373	
	-0.910700373	-0.910700373	NA 1	0	0.998207054
ILKAP	ENSG00000132323.8	0.36259571	1 1	0.36259571	Brain_Putamen_basal_ganglia
	0.36259571	Brain_Putamen_basal_ganglia	1 1	1	-0.910430138
	-0.910430138	-0.910430138	NA 1	0	0.998207054
ATP6V1G2	ENSG00000213760.10	0.362658749	4 4	0.175586212	
	Brain_Caudate_basal_ganglia	0.629962328	Brain_Nucleus_accumbens_basal_ganglia		
	1.967249372	0.415403115	0.415403115	-0.740438883	1.354470836
	0.178837161	0.970742587	4 0	0.998207054	
ASCL5	ENSG00000232237.3	0.362740862	1 1	0.362740862	Brain_Cerebellum
	0.362740862	Brain_Cerebellum	1 1	1	-0.91015483
	-0.91015483	NA 1	0	0.998207054	-0.91015483
ZBTB43	ENSG00000169155.9	0.362900545	1 1	0.362900545	
	Brain_Cortex	0.362900545	Brain_Cortex	1 1 1	0.909852041
	0.909852041	0.909852041	NA 1	0	0.998207054
SLC43A1	ENSG00000149150.8	0.36290329	7 4	0.176604074	
	Brain_Nucleus_accumbens_basal_ganglia	0.886988337	Brain_Hypothalamus		
	5.545871065	0.004373842	0.212299326	-0.390264489	1.351285253
	0.735637136	0.660998491	4 0	0.998207054	
GNGT2	ENSG00000167083.6	0.362957638	2 2	0.159738583	
	Brain_Frontal_Cortex_BA9	0.936462587	Brain_Putamen_basal_ganglia		
	1.101893832	0.898106168	0.898106168	-0.079716688	1.405951313
	0.663117313	1.050525918	2 0	0.998207054	
LINC01715	ENSG00000229388.1	0.363060647	1 1	0.363060647	
	Brain_Spinal_cord_cervical_c-1	0.363060647	Brain_Spinal_cord_cervical_c-1		
	1 1 1	-0.909548541	-0.909548541	-0.909548541	NA 1 0
	0.998207054				
MYO16	ENSG00000041515.15	0.363143075	1 1	0.363143075	
	Brain_Putamen_basal_ganglia	0.363143075	Brain_Putamen_basal_ganglia	1 1	
	1 0.909392319	0.909392319	0.909392319	NA 1 0	
	0.998207054				
NPIPB8	ENSG00000255524.7	0.363144778	1 1	0.363144778	
	Brain_Cerebellum	0.363144778	Brain_Cerebellum	1 1 1	-0.909389091
	-0.909389091	-0.909389091	NA 1	0	0.998207054
CYBRD1	ENSG00000071967.11	0.363199509	13 3	0.195330409	
	Brain_Caudate_basal_ganglia	0.969768259	Brain_Amygdala	11.1010979	
	0.013787815	0.398091555	-1.294970491	0.453970559	-0.498555456
	0.498868617	3 0	0.998207054		
TLR1	ENSG00000174125.7	0.363239634	1 1	0.363239634	
	Brain_Caudate_basal_ganglia	0.363239634	Brain_Caudate_basal_ganglia	1 1	
	1 -0.909209342	-0.909209342	-0.909209342	NA 1 0	
	0.998207054				
AC058791.1	ENSG00000226380.9	0.363251145	7 2	0.188099779	
	Brain_Cerebellar_Hemisphere	0.69458131	Brain_Cerebellum	6.298820388	
	0.007326403	0.314214562	0.392645525	1.316221293	0.954740001
	0.313092551	2 0	0.998207054		
TXNDC17	ENSG00000129235.10	0.363254647	1 1	0.363254647	
	Brain_Substantia_nigra	0.363254647	Brain_Substantia_nigra	1 1	
	1 0.909180895	0.909180895	0.909180895	NA 1 0	
	0.998207054				
THOC3	ENSG00000051596.9	0.363395324	11 11	0.022084518	
	Brain_Putamen_basal_ganglia	0.930870876	Brain_Spinal_cord_cervical_c-1		
	2.343104247	0.220551715	0.220551715	-1.238364577	2.288911104
	0.082039998	1.152504658	11 0	0.998207054	
NOC4L	ENSG00000184967.6	0.363528224	4 4	0.159515142	

	Brain_Cerebellar_Hemisphere	0.977353505			Brain_Caudate_basal_ganglia			
	2.276243071	0.408150374	0.408150374		-1.406704125	1.206056467		
	0.067292589	1.097108731	4	0	0.998207054			
ALDH1L1	ENSG00000144908	0.13	0.36371373	3	2	0.171298383	Brain_Cerebellum	
	0.46014325	Brain_Spinal_cord_cervical_c-1			1.97706323	0.045326713		
	0.977610057	0.738610988	1.368043748		1.093811814	0.322433514		
	2	0	0.998207054					
TLE6	ENSG00000104953	0.19	0.363725027	1	1	0.363725027	Brain_Cerebellum	
	0.363725027	Brain_Cerebellum	1	1	1	-0.908289994	-0.908289994	
	-0.908289994	NA	1	0	0.998207054			
MTUS1	ENSG00000129422	0.14	0.363751438	10	6	0.021655784		
	Brain_Caudate_basal_ganglia	0.699759432			Brain_Hippocampus	6.649721465		
	0.016315015	0.22486267	-2.29635164		0.60209098	-1.247904005	0.93333285	
	6	0	0.998207054					
CC2D1B	ENSG00000154222	0.14	0.36376032	6	6	0.071213293	Brain_Cerebellum	
	0.897122457	Brain_Cerebellar_Hemisphere	2.105513204		0.32725665	0.32725665		
	-1.804114921	0.863824504	-0.23029541		1.135932074	6	0	
	0.998207054							
TELO2	ENSG00000100726	0.14	0.363776026	11	9	0.163365446		
	Brain_Hippocampus	0.962646297			Brain_Frontal_Cortex_BA9	3.509570413		
	0.049162622	0.425995209	-0.730042702		1.393841591	0.24299714		
	0.704838819	9	0	0.998207054				
PRRX2	ENSG00000167157	0.10	0.363880688	1	1	0.363880688		
	Brain_Anterior_cingulate_cortex_BA24	0.363880688						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.907995332			
	0.907995332	0.907995332	NA	1	0	0.998207054		
SSH2	ENSG00000141298	0.17	0.364113852	1	1	0.364113852	Brain_Cerebellum	
	0.364113852	Brain_Cerebellum	1	1	1	-0.907554104	-0.907554104	
	-0.907554104	NA	1	0	0.998207054			
ZNF44	ENSG00000197857	0.13	0.364115845	6	4	0.116511512		
	Brain_Caudate_basal_ganglia	0.53892928	Brain_Hippocampus	3.7381468				
	0.001954315	0.212347402	-0.627412556		1.569585767	0.460381297		
	0.893211278	4	0	0.998207054				
MCUB	ENSG00000005059	0.15	0.36414946	1	1	0.36414946	Brain_Caudate_basal_ganglia	
	0.36414946	Brain_Caudate_basal_ganglia	1	1	1	0.907486737		
	0.907486737	0.907486737	NA	1	0	0.998207054		
ABCA1	ENSG00000165029	0.15	0.364280619	1	1	0.364280619		
	Brain_Spinal_cord_cervical_c-1	0.364280619			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.907238631	0.907238631	0.907238631	NA	1
	0.998207054							0
PCDHGC4	ENSG00000242419	0.5	0.364290942	1	1	0.364290942		
	Brain_Cerebellar_Hemisphere	0.364290942			Brain_Cerebellar_Hemisphere	1	1	
	1	-0.907219106	-0.907219106	-0.907219106	NA	1	0	
	0.998207054							
COL11A2	ENSG00000204248	0.10	0.364317593	7	6	0.180498908		
	Brain_Nucleus_accumbens_basal_ganglia	0.901583199			Brain_Putamen_basal_ganglia			
	3.208707474	0.089199032	0.165692477		-0.611299142	1.339220477		
	0.275827497	0.653332904	6	0	0.998207054			
RP11-521D12.1	ENSG00000240687	0.1	0.364321312	1	1	0.364321312		
	Brain_Substantia_nigra	0.364321312			Brain_Substantia_nigra	1	1	
	1	-0.907161667	-0.907161667	-0.907161667	NA	1	0	
	0.998207054							
ZNF638	ENSG00000075292	0.18	0.364524728	1	1	0.364524728		
	Brain_Frontal_Cortex_BA9	0.364524728			Brain_Frontal_Cortex_BA9	1	1	
	1	0.906777013	0.906777013	0.906777013	NA	1	0	
	0.998207054							
PMEPA1	ENSG00000124225	0.15	0.364548355	1	1	0.364548355		
	Brain_Putamen_basal_ganglia	0.364548355			Brain_Putamen_basal_ganglia	1	1	
	1	0.906732344	0.906732344	0.906732344	NA	1	0	
	0.998207054							
TH	ENSG00000180176	0.14	0.364631196	1	1	0.364631196		
	Brain_Hippocampus	0.364631196			Brain_Hippocampus	1	1	1

	-0.906575739	-0.906575739	-0.906575739	NA	1	0	0.998207054
PCDHGA9	ENSG00000261934.2	0.364634859	2	2	0.15962619		
	Brain_Nucleus_accumbens_basal_ganglia	0.392213816				Brain_Caudate_basal_ganglia	
	1.484025587	0.515974413	0.515974413		-1.406329885	-0.855609496	
	-1.130969691	0.389418122	2	0	0.998207054		
DRAP1	ENSG00000175550.7	0.364646378	1	1	0.364646378	Brain_Cerebellum	
	0.364646378	Brain_Cerebellum1	1	1	0.906547042	0.906547042	
	0.906547042	NA	1	0	0.998207054		
FRZB	ENSG00000162998.4	0.364780178	2	2	0.178332747		
	Brain_Caudate_basal_ganglia	0.531118933			Brain_Cortex	1.131480287	
	0.868519713	0.868519713	0.626298862		1.345906269	0.986102565	
	0.508839277	2	0	0.998207054			
FOLR2	ENSG00000165457.13	0.364871892	1	1	0.364871892		
	Brain_Putamen_basal_ganglia	0.364871892			Brain_Putamen_basal_ganglia1	1	1
	1	-0.906120847	-0.906120847	-0.906120847	NA	1	0
	0.998207054						
TRAPPC2B	ENSG00000256060.2	0.364961135	2	2	0.156946529		
	Brain_Hippocampus	0.923533501			Brain_Amygdala	1.011253987	
	0.988746013	0.988746013	-0.095983721		1.415416109	0.659716194	
	1.068721069	2	0	0.998207054			
ZNF365	ENSG00000138311.15	0.364967873	4	3	0.075376247		
	Brain_Putamen_basal_ganglia	0.962100392			Brain_Amygdala	2.565327721	
	0.025076613	0.396815881	-1.778168123		-0.047517991	-1.037212225	
	0.725423921	3	0	0.998207054			
R3HDM2	ENSG00000179912.20	0.365010949	1	1	0.365010949		
	Brain_Cerebellum	0.365010949			Brain_Cerebellum1	1	1
	0.905858129	0.905858129	NA	1	0	0.998207054	
LGI3	ENSG00000168481.8	0.365072643	1	1	0.365072643		
	Brain_Hippocampus	0.365072643			Brain_Hippocampus	1	1
	0.905741591	0.905741591	0.905741591	NA	1	0	0.998207054
CTA-223H9.9	ENSG00000273424.1	0.3650818	1	1	0.3650818		
	Brain_Caudate_basal_ganglia	0.3650818			Brain_Caudate_basal_ganglia1	1	1
	0.905724294	0.905724294	0.905724294	NA	1	0	0.998207054
CYP2R1	ENSG00000186104.10	0.365115592	1	1	0.365115592		
	Brain_Cortex	0.365115592			Brain_Cortex	1	1
	-0.905660469	-0.905660469	NA	1	0	0.998207054	-0.905660469
SERPINI1	ENSG00000163536.12	0.365182324	6	5	0.110802656		
	Brain_Spinal_cord_cervical_c-1	0.563654951			Brain_Cerebellum	2.516671377	
	0.078703902	0.330213389	0.577421207		1.594595783	1.110944396	
	0.357019313	5	0	0.998207054			
CNNM3	ENSG00000168763.15	0.365261588	1	1	0.365261588		
	Brain_Substantia_nigra	0.365261588			Brain_Substantia_nigra	1	1
	1	0.905384757	0.905384757	0.905384757	NA	1	0
	0.998207054						
PPP1R32	ENSG00000162148.10	0.365263881	2	2	0.157401872		
	Brain_Cerebellum	0.984496288			Brain_Caudate_basal_ganglia	1.073390001	
	0.926609999	0.926609999	-1.413863882		0.019432245	-0.697215819	
	1.013493411	2	0	0.998207054			
FAM120AOS	ENSG00000188938.15	0.365267569	4	4	0.115734044		
	Brain_Hypothalamus	0.833667451			Brain_Cortex	1.173858697	
	0.745934645	0.745934645	-1.572934248		1.271501781	-0.14420826	
	1.195459319	4	0	0.998207054			
RNF7	ENSG00000114125.13	0.365317466	8	7	0.10950966		
	Brain_Frontal_Cortex_BA9	0.914659518			Brain_Hippocampus	5.036014434	
	0.078076983	0.226127985	0.107163189		1.600400969	0.731179889	
	0.586285029	7	0	0.998207054			
ARHGEF1	ENSG00000076928.17	0.365425117	1	1	0.365425117		
	Brain_Cortex	0.365425117			Brain_Cortex	1	1
	-0.905076016	-0.905076016	NA	1	0	0.998207054	-0.905076016
CHST13	ENSG00000180767.9	0.365474618	7	4	0.064343532		
	Brain_Nucleus_accumbens_basal_ganglia	0.79080256			Brain_Caudate_basal_ganglia		
	4.951219224	0.044012921	0.378996089		-1.849792017	-0.26526859	

HIGD1A	ENSG00000181061.13	0.65362008	4	0	0.998207054				
	Brain_Amygdala	11.06212284				0.12860969	Brain_Cortex		
		0.705905685				0.000292822	0.548670648		
		-1.519607348				-0.377360543	-1.200127038	0.333472039	2 0
		0.998207054							
ZNF843	ENSG00000176723.9	0.365561239				2	2	0.514262059	
	Brain_Cerebellar_Hemisphere	0.882526027						Brain_Cerebellum	1.835340035
		0.164659965				-0.147767794		-0.65221566	0.252223933
		0.565673725				2	0	0.998207054	
SYT5	ENSG00000129990.14	0.365658578				4	4	0.054452706	Brain_Cortex
	Brain_Substantia_nigra	1.074731721						0.883007277	
		0.883007277				-1.923217773	0.355753683	-0.521366919	1.077513028
		4				0	0.998207054		
SPAG7	ENSG00000091640.7	0.365759304				10	1	0.150258904	
	Brain_Cerebellar_Hemisphere	0.559238077						Brain_Nucleus_accumbens_basal_ganglia	
		9.624312298				9.624312298		-1.438617574	-0.583973595
		-0.889261227				0.240376615	1	0	0.998207054
HYAL2	ENSG00000068001.13	0.365965946				2	2	0.256704036	Brain_Cortex
	Brain_Frontal_Cortex_BA9	1.117705416						0.882294584	
		0.882294584				-1.134215805	-0.978461332	-1.056338569	0.110135044
		2				0	0.998207054		
GRB2	ENSG00000177885.13	0.365994882				2	2	0.175917031	Brain_Cerebellum
	Brain_Amygdala	1.142838463						0.857161537	0.857161537
		0.611469144				1.353433972	0.982451558	0.524648361	2 0
		0.998207054							
TEKT5	ENSG00000153060.7	0.366293246				7	7	0.031053944	
	Brain_Hypothalamus	0.771352984						Brain_Caudate_basal_ganglia	1.570145826
		0.490268671				0.490268671		-2.156380783	0.410577783
		0.829154532				7	0	0.998207054	-0.883509236
VPS36	ENSG00000136100.12	0.366392612				4	4	0.039951656	
	Brain_Nucleus_accumbens_basal_ganglia	0.419728143						Brain_Substantia_nigra	
		2.571267867				0.261613037	0.261613037	0.806892981	2.054248403
		1.335238169				0.552450728	4	0	0.998207054
LINC01909	ENSG00000266258.1	0.366468945				2	2	0.15699419	
	Brain_Cerebellar_Hemisphere	0.944853464						Brain_Frontal_Cortex_BA9	
		1.000225496				0.999774504	0.999774504	-1.415253476	0.069171053
		-0.673041212				1.049646651	2	0	0.998207054
MRAS	ENSG00000158186.12	0.366484294				1	1	0.366484294	
	Brain_Hypothalamus	0.366484294						Brain_Hypothalamus	1 1 1
		0.903078386				0.903078386	0.903078386	NA	1 0 0.998207054
ZNF623	ENSG00000183309.11	0.366500154				7	7	0.170696046	
	Brain_Putamen_basal_ganglia	0.966741659						Brain_Cortex	3.076648464
		0.114589473				0.114589473		-1.304694316	1.369970708
		0.966153975				7	0	0.998207054	0.116811823
FSD1	ENSG00000105255.10	0.366639803				6	6	0.03336098	Brain_Hypothalamus
	Brain_Substantia_nigra	1.288528903						0.724721498	
		0.724721498				-0.299435329	2.127711876	0.474638929	0.939248801
		6				0	0.998207054		
ANXA5	ENSG00000164111.14	0.366670698				13	2	0.093996128	
	Brain_Nucleus_accumbens_basal_ganglia	0.568879494						Brain_Spinal_cord_cervical_c-1	11.71571255
		0.5697025				1.674684613	1.335253838	0.000985317	0.619588776
		0.998207054						0.287925512	2 0
SCARA5	ENSG00000168079.16	0.366872576				2	2	0.197489147	
	Brain_Hippocampus	0.607692191						Brain_Anterior_cingulate_cortex_BA24	
		1.056450572				0.943549428	0.943549428	-1.288738114	-0.51337048
		-0.901054297				0.548267712	2	0	0.998207054
ZNF717	ENSG00000227124.8	0.366884527				9	9	0.105728236	
	Brain_Spinal_cord_cervical_c-1	0.793328545						Brain_Cerebellar_Hemisphere	
		2.340169848				0.248582197	0.248582197	-0.869566671	1.617695502
		0.084979498				0.842549996	9	0	0.998207054
TMEM245	ENSG00000106771.12	0.366963825				9	4	0.076784777	

	Brain_Cortex	0.913906924		Brain_Putamen_basal_ganglia	6.474323771				
	0.015712476	0.3156351	-0.192258944	1.769654123	0.946996037				
	0.709872396	4	0	0.998207054					
GUCY1B3	ENSG00000061918.12	0.366974056		1	1	0.366974056			
	Brain_Anterior_cingulate_cortex_BA24	0.366974056							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.902155904				
	-0.902155904	-0.902155904	NA	1	0	0.998207054			
BTBD1	ENSG00000064726.9	0.367150265		9	7	0.029887053			
	Brain_Spinal_cord_cervical_c-1	0.979680818				Brain_Caudate_basal_ganglia			
	5.565548216	0.082454975	0.195614482			-0.588399935	2.171584031		
	0.533511174	0.781194462	7	0	0.998207054				
BCL2L2-PABPN1	ENSG00000258643.5	0.367186691		1	1	0.367186691			
	Brain_Substantia_nigra	0.367186691				Brain_Substantia_nigra	1	1	
	1	0.901755636	0.901755636	0.901755636	NA	1	0		
	0.998207054								
MYH9	ENSG00000100345.20	0.367237438		1	1	0.367237438			
	Brain_Nucleus_accumbens_basal_ganglia	0.367237438							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.901660132				
	-0.901660132	-0.901660132	NA	1	0	0.998207054			
KCNQ2	ENSG00000075043.18	0.367471304		4	4	0.079210215	Brain_Cerebellum		
	0.373962083	Brain_Hippocampus	2.325869057			0.26469516	0.26469516		
	-1.755287083	0.889076285	-0.678552151	1.116487591	4	0			
	0.998207054								
DST	ENSG00000151914.19	0.367537677		2	2	0.306655781	Brain_Cerebellum		
	0.322504236	Brain_Caudate_basal_ganglia	1.010960444			0.989039556			
	0.989039556	-0.989324838	1.022264393			0.016469778	1.422408386		
	2	0	0.998207054						
LSM12	ENSG00000161654.9	0.367662166		1	1	0.367662166	Brain_Amygdala		
	0.367662166	Brain_Amygdala	1	1	1	-0.90086112	-0.90086112		
	-0.90086112	NA	1	0	0.998207054				
CHRNE	ENSG00000108556.7	0.367763649		13	1	0.113617498			
	Brain_Hypothalamus	0.781634488				Brain_Nucleus_accumbens_basal_ganglia			
	11.49465933	0.00970351	11.49465933			0.277189648	1.582140506		
	0.851956525	0.367054801	1	0	0.998207054				
AP1M1	ENSG00000072958.8	0.367801886		9	4	0.144668327			
	Brain_Putamen_basal_ganglia	0.945869251				Brain_Cerebellar_Hemisphere			
	7.627489073	3.79E-17	0.302720387			-0.06789496	1.45862508		
	0.338292584	0.43244914	4	0	0.998207054				
VASN	ENSG00000168140.4	0.367845999		3	3	0.251630627	Brain_Cerebellum		
	0.467666481	Brain_Caudate_basal_ganglia	1.2358559			0.742245969			
	0.742245969	-1.146397716	0.93446603			-0.312737586	1.100346374	3	
	0	0.998207054							
B4GALT6	ENSG00000118276.11	0.367933149		1	1	0.367933149			
	Brain_Substantia_nigra	0.367933149				Brain_Substantia_nigra	1	1	
	1	0.900351639	0.900351639	0.900351639	NA	1	0		
	0.998207054								
ECHDC1	ENSG00000093144.18	0.368018185		2	2	0.157556692			
	Brain_Anterior_cingulate_cortex_BA24	0.418263432							
	Brain_Nucleus_accumbens_basal_ganglia	1.596302136				0.403697864			
	0.403697864	-1.41333689	-0.809437687			-1.111387289	0.427021221		
	2	0	0.998207054						
RP11-37B2.1	ENSG00000251136.8	0.368064834		2	2	0.204876589			
	Brain_Cerebellar_Hemisphere	0.507419001				Brain_Cerebellum	1.811403354		
	0.188596646	0.188596646	-1.267779825			-0.662861906	-0.965320866		
	0.427741563	2	0	0.998207054					
LAMP1	ENSG00000185896.10	0.36814198		1	1	0.36814198	Brain_Putamen_basal_ganglia		
	0.36814198	Brain_Putamen_basal_ganglia	1	1	1	-0.899959169			
	-0.899959169	-0.899959169	NA	1	0	0.998207054			
BEST1	ENSG00000167995.15	0.368304292		5	2	0.120438645			
	Brain_Caudate_basal_ganglia	0.364352055				Brain_Cortex	4.370685974		
	0.009043363	0.545074522	0.907103523			1.552935082	1.21788772		
	0.248163639	2	0	0.998207054					

CCNJL	ENSG00000135083.14	0.368487954	2	2	0.188394801	Brain_Cortex
	0.651859377	Brain_Spinal_cord_cervical_c-1			1.049037364	0.950962636
	0.950962636	-0.451180619	1.315342558		0.432080969	1.249120518
	2	0	0.998207054			
MRS2	ENSG00000124532.14	0.36849908	12	3	0.424149481	
	Brain_Putamen_basal_ganglia	0.948008032			Brain_Cortex	9.652840728
	0.007434547	0.479272945	-0.799243073		0.683354016	-0.25084467
	0.533123251	3	0	0.998207054		
SIM2	ENSG00000159263.15	0.368504835	3	2	0.373172757	
	Brain_Hippocampus	0.480768881			Brain_Cerebellar_Hemisphere	2.142056937
	0.062976473	0.79496659	0.705066455		0.890546043	0.776934093
	0.099536978	2	0	0.998207054		
TMEM65	ENSG00000164983.7	0.368510471	3	3	0.090923682	
	Brain_Hypothalamus	0.770258355			Brain_Cortex	1.62429132
	0.506771995	-0.292036973	1.690545285		0.567580781	1.017188152
	3	0	0.998207054			
SPATA45	ENSG00000185523.6	0.368579459	6	6	0.072515987	
	Brain_Cortex	0.80108662	Brain_Hypothalamus		3.043430194	0.225256785
	0.225256785	-0.251941062	1.795865018		0.881383288	0.765618963
	6	0	0.998207054			
ST7	ENSG00000004866.20	0.368659035	3	3	0.118528789	
	Brain_Cerebellar_Hemisphere	0.476302363			Brain_Caudate_basal_ganglia	
	1.537783155	0.673311522	0.673311522		-0.712262303	1.560978648
	0.705945018	1.236842577	3	0	0.998207054	
TDRKH	ENSG00000182134.15	0.368689348	5	4	0.238750993	
	Brain_Hippocampus	0.874601812			Brain_Putamen_basal_ganglia	3.767400054
	0.070318541	0.149062839	-0.157815973		1.178114423	0.477971698
	0.516678898	4	0	0.998207054		
LIPT1	ENSG00000144182.16	0.36872392	11	1	0.199464965	Brain_Hypothalamus
	0.650400986	Brain_Cerebellar_Hemisphere	10.1467848	0.002121974		10.1467848
	0.453205203	1.283077388	0.858826762		0.249125159	1
	0.998207054					0
MGARP	ENSG00000137463.4	0.368733967	3	2	0.128846048	Brain_Cerebellum
	0.577450021	Brain_Amygdala	1.951690115		0.048009879	1.000300007
	0.557113301	1.518668149	1.039773441		0.480788483	2
	0.998207054					0
CEP104	ENSG00000116198.12	0.368738083	5	3	0.138582181	
	Brain_Cerebellum	0.987411087			Brain_Nucleus_accumbens_basal_ganglia	
	3.865486971	0.026656597	0.289334685		-0.175687698	1.481091545
	0.368291233	0.657018532	3	0	0.998207054	
FOXP1	ENSG00000114861.18	0.368752793	1	1	0.368752793	
	Brain_Caudate_basal_ganglia	0.368752793			Brain_Caudate_basal_ganglia	1
	1	0.898812028	0.898812028	0.898812028	NA	1
	0.998207054					0
DAAM2	ENSG00000146122.16	0.368780995	1	1	0.368780995	
	Brain_Putamen_basal_ganglia	0.368780995			Brain_Putamen_basal_ganglia	1
	1	-0.89875909	-0.89875909	-0.89875909	NA	1
	0.998207054					0
KCNN3	ENSG00000143603.18	0.368940068	9	4	0.168049324	Brain_Cerebellum
	0.901019048	Brain_Hypothalamus	6.027138323		0.050336294	
	0.201106176	-0.751524251	1.378498846		0.227746118	0.718334341
	4	0	0.998207054			
SCN7A	ENSG00000136546.13	0.368968618	6	5	0.118194473	
	Brain_Substantia_nigra	0.959508973			Brain_Hypothalamus	3.591311182
	0.099867955	0.195458441	-0.604952322		1.562397087	0.576046244
	0.91841666	5	0	0.998207054		
SEC24D	ENSG00000150961.14	0.369047229	1	1	0.369047229	
	Brain_Cerebellum	0.369047229			Brain_Cerebellum	1
	0.898259481	0.898259481	NA	1	0	0.998207054
POLH	ENSG00000170734.11	0.36905593	1	1	0.36905593	Brain_Cerebellum
	Brain_Cerebellum	1	1	1	0.898243157	0.898243157
	NA	1	0	0.998207054		0.898243157

TRIM3	ENSG00000110171.19	0.369089837	1	1	0.369089837	Brain_Cortex
	0.369089837	Brain_Cortex	1	1	0.898179544	0.898179544
	0.898179544	NA	1	0	0.998207054	
CRTC2	ENSG00000160741.16	0.36927321	3	3	0.228433847	Brain_Hippocampus
	0.926059317	Brain_Cerebellum	1.599445142		0.406917791	0.406917791
	-1.204403015	0.092803945	-0.687256944		0.687407904	3 0
	0.998207054					
ITGB5	ENSG00000082781.11	0.369318162	4	4	0.07904821	
	Brain_Anterior_cingulate_cortex_BA24	0.944821235			Brain_Cerebellum	
	1.464056612	0.556852604	0.556852604		-0.862594411	1.756235474
	0.287340466	1.096744463	4	0	0.998207054	
AGL	ENSG00000162688.16	0.369488	7	4	0.046369628	
	Brain_Putamen_basal_ganglia	0.544102928			Brain_Cerebellum	5.461062807
	0.047654589	0.197776491	-0.606620296		1.992013033	1.348819622
	0.887452363	4	0	0.998207054		
TRIM59	ENSG00000213186.7	0.369591396	1	1	0.369591396	
	Brain_Cortex	0.369591396	Brain_Cortex	1	1	1 -0.897239005
	-0.897239005	-0.897239005	NA	1	0	0.998207054
ZCWPW1	ENSG00000078487.17	0.369607671	13	3	0.379916195	
	Brain_Cerebellum	0.904492004	Brain_Frontal_Cortex_BA9	11.31029699		
	0.000749125	0.447630989	-0.87805072		0.857821504	-0.281011912
	0.390264995	3	0	0.998207054		
DBF4B	ENSG00000161692.17	0.369709666	13	3	0.042931748	
	Brain_Frontal_Cortex_BA9	0.45552201	Brain_Putamen_basal_ganglia	11.49283556		
	0.001341471	0.395569618	0.746240726		2.024373389	1.491005855
	0.367053634	3	0	0.998207054		
SPAG6	ENSG00000077327.15	0.369775958	1	1	0.369775958	
	Brain_Nucleus_accumbens_basal_ganglia	0.369775958				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.896893108	
	-0.896893108	-0.896893108	NA	1	0	0.998207054
QRICH1	ENSG00000198218.10	0.369805606	7	2	0.046212474	
	Brain_Hippocampus	0.419660612	Brain_Caudate_basal_ganglia	6.057882266		
	0.002131355	0.627761027	0.807010191		1.993447432	1.307639994
	0.388264976	2	0	0.998207054		
OSGIN2	ENSG00000164823.9	0.370063232	8	6	0.074010663	
	Brain_Amygdala	0.618367496	Brain_Frontal_Cortex_BA9	5.381418552		
	0.059768269	0.205871732	-1.492681281		1.786547442	0.665935393
	0.971482957	6	0	0.998207054		
F7	ENSG00000057593.13	0.370120038	9	7	0.034237082	
	Brain_Cerebellar_Hemisphere	0.939442794	Brain_Cortex	5.723202776		
	0.041630854	0.202169492	-2.117268324		1.131785942	0.317774114
	0.983064765	7	0	0.998207054		
C16orf95	ENSG00000260456.6	0.370137669	1	1	0.370137669	
	Brain_Cortex	0.370137669	Brain_Cortex	1	1	1 -0.896215519
	-0.896215519	-0.896215519	NA	1	0	0.998207054
IQCH-AS1	ENSG00000259673.5	0.370225211	1	1	0.370225211	
	Brain_Cerebellum	0.370225211	Brain_Cerebellum	1	1	1 0.896051588
	0.896051588	0.896051588	NA	1	0	0.998207054
QDPR	ENSG00000151552.11	0.37025221	5	3	0.268832311	Brain_Cerebellum
	0.852690293	Brain_Putamen_basal_ganglia	3.794513116		0.022711537	
	0.450990274	-0.493117791	1.105755615		-0.052914142	0.657411072
	3	0	0.998207054			
KRT15	ENSG00000171346.15	0.370364472	1	1	0.370364472	
	Brain_Spinal_cord_cervical_c-1	0.370364472	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.89579086	0.89579086	0.89579086 NA 1 0 0.998207054
APBB3	ENSG00000113108.19	0.370401642	1	1	0.370401642	
	Brain_Nucleus_accumbens_basal_ganglia	0.370401642				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.89572128	
	-0.89572128	-0.89572128	NA	1	0	0.998207054
HSPA6	ENSG00000173110.7	0.370601036	2	2	0.188029558	
	Brain_Cerebellar_Hemisphere	0.570758782	Brain_Anterior_cingulate_cortex_BA24			
	1.049595281	0.950404719	0.950404719		-0.566934354	1.316430598

	0.374748122	1.331740129	2	0	0.998207054		
TMEM18	ENSG00000151353.14	0.370691102	1	1	0.370691102		
	Brain_Cerebellum	0.370691102	Brain_Cerebellum	1	1	0.895179573	
	0.895179573	0.895179573	NA	1	0	0.998207054	
EPHA10	ENSG00000183317.16	0.370950549	5	5	0.041240174		
	Brain_Frontal_Cortex_BA9	0.874807793	Brain_Cerebellar_Hemisphere				
	2.195186821	0.138362756	0.138362756	-2.041107191	0.390409708		
	-0.815166584	0.974219504	5	0	0.998207054		
LL22NC03-2H8.5	ENSG00000274422.1	0.370975866	4	3	0.07637528		
	Brain_Cortex	0.989348053	Brain_Frontal_Cortex_BA9	2.339477			
	0.025702573	0.621294214	-1.772116141	-0.013350632	-1.095396178		
	0.834726037	3	0	0.998207054			
CACNA1D	ENSG00000157388.15	0.37098961	1	1	0.37098961		
	Brain_Cerebellar_Hemisphere	0.37098961	Brain_Cerebellar_Hemisphere	1	1	1	
	-0.894621209	-0.894621209	-0.894621209	NA	1	0	0.998207054
SNX17	ENSG00000115234.10	0.371052843	3	3	0.136071104		
	Brain_Spinal_cord_cervical_c-1	0.847902202	Brain_Putamen_basal_ganglia				
	1.830967975	0.222572558	0.222572558	-0.689042462	1.490582642		
	0.203248144	1.142250478	3	0	0.998207054		
PLOD2	ENSG00000152952.11	0.371311436	7	2	0.15894809	Brain_Hippocampus	
	0.680728419	Brain_Anterior_cingulate_cortex_BA24	5.812757977				
	0.007185679	0.921428051	0.411469339	1.408618214	0.901919639		
	0.361329024	2	0	0.998207054			
TEN1	ENSG00000257949.6	0.371342897	13	1	0.201615052		
	Brain_Frontal_Cortex_BA9	0.970926624	Brain_Hippocampus	12.31680364			
	0.000786613	12.31680364	-1.276963732	0.03644614	-0.873424824		
	0.331123639	1	0	0.998207054			
NELFB	ENSG00000188986.6	0.371444727	5	5	0.038712847	Brain_Cortex	
	0.859204315	Brain_Hypothalamus	1.339372089	0.764521565			
	0.764521565	-2.067226171	0.414930671	-0.572401565	0.989847609		
	5	0	0.998207054				
ZNF765	ENSG00000196417.12	0.37148076	5	5	0.134767034	Brain_Cortex	
	0.826485503	Brain_Hypothalamus	2.711106084	0.217286106			
	0.217286106	-1.495565059	0.952448375	0.147959656	1.034470596		
	5	0	0.998207054				
RP11-161M6.2	ENSG00000260807.6	0.371494439	10	4	0.177325184		
	Brain_Putamen_basal_ganglia	0.95477268	Brain_Nucleus_accumbens_basal_ganglia				
	7.33891234	0.002552725	0.343674643	-0.25008097	1.349036682		
	0.536811515	0.511516321	4	0	0.998207054		
KHDC3L	ENSG00000203908.3	0.371707531	7	3	0.132579888		
	Brain_Putamen_basal_ganglia	0.888968041	Brain_Amygdala	5.823743082			
	0.003205846	0.213385671	-1.504005744	0.254310667	-0.476199273		
	0.576198485	3	0	0.998207054			
SPATS1	ENSG00000249481.6	0.371725255	1	1	0.371725255		
	Brain_Cortex	0.371725255	Brain_Cortex	1	1	1	-0.893246363
	-0.893246363	-0.893246363	NA	1	0	0.998207054	
CCL3L3	ENSG00000276085.1	0.371730896	8	6	0.059455587		
	Brain_Cerebellar_Hemisphere	0.822613688	Brain_Cerebellum	5.613586069			
	0.037500193	0.199410458	-0.365342868	1.884809313	0.518163978		
	0.747154357	6	0	0.998207054			
PNPT1	ENSG00000138035.14	0.371818302	3	3	0.51770329		
	Brain_Spinal_cord_cervical_c-1	0.722906651	Brain_Cerebellum	1.895533788			
	0.276916365	0.276916365	-0.609312572	0.646889766	0.130718002		
	0.657339831	3	0	0.998207054			
C2orf88	ENSG00000187699.10	0.371918154	2	2	0.171838618		
	Brain_Amygdala	0.584149729	Brain_Caudate_basal_ganglia	1.159508119			
	0.840491881	0.840491881	-1.366319771	-0.54733336	-0.956826565		
	0.579110845	2	0	0.998207054			
THEG	ENSG00000105549.10	0.371979657	1	1	0.371979657	Brain_Cortex	
	0.371979657	Brain_Cortex	1	1	1	-0.892771304	-0.892771304
	-0.892771304	NA	1	0	0.998207054		
CYP27A1	ENSG00000135929.8	0.371996465	1	1	0.371996465		

	Brain_Hypothalamus	0.371996465		Brain_Hypothalamus	1	1	1	
	0.892739924	0.892739924	0.892739924	NA	1	0	0.998207054	
DBF4	ENSG00000006634.7	0.372077498	2	2	0.252427545			
	Brain_Putamen_basal_ganglia	0.469705319		Brain_Hypothalamus			1.079887834	
	0.920112166	0.920112166	-0.722958601	1.144472962			0.210757181	
	1.320473522	2	0	0.998207054				
UBE3D	ENSG00000118420.16	0.372083754	3	2	0.158095527		Brain_Cortex	
	0.437018858	Brain_Putamen_basal_ganglia	2.53440623	0.037125981				
	0.428467789	-1.4115058	-0.777237168	-1.028145199	0.337241659		2	
	0	0.998207054						
TRDMT1	ENSG00000107614.21	0.372175871	5	5	0.026207421			
	Brain_Hypothalamus	0.933225709		Brain_Cerebellum	3.156293722			
	0.107248261	0.107248261	-0.316706594	2.223124278			0.964301439	
	1.106450799	5	0	0.998207054				
PLAGL2	ENSG00000126003.6	0.372253782	2	2	0.193808719			
	Brain_Cortex	0.463621767		Brain_Putamen_basal_ganglia	1.156136222			
	0.843863778	0.843863778	-1.299394088	-0.732896157			-1.016145123	
	0.400574529	2	0	0.998207054				
CNTN4	ENSG00000144619.14	0.372260484	2	2	0.208052188		Brain_Amygdala	
	0.452851763	Brain_Cerebellum	1.10192069	0.89807931	0.89807931	0.750669201		
	1.258939491	1.004804346	0.359401368	2	0	0.998207054		
ZNF254	ENSG00000213096.10	0.37232968	5	5	0.091965972		Brain_Cortex	
	0.725045155	Brain_Hypothalamus	1.817430083	0.255066786				
	0.255066786	-1.21213637	1.685117147	-0.019588664			1.223052886	
	5	0	0.998207054					
ECSCR	ENSG00000249751.3	0.372380388	1	1	0.372380388			
	Brain_Hypothalamus	0.372380388		Brain_Hypothalamus	1	1	1	
	0.892023404	0.892023404	0.892023404	NA	1	0	0.998207054	
FAM210A	ENSG00000177150.12	0.372448389	1	1	0.372448389			
	Brain_Cerebellum	0.372448389		Brain_Cerebellum	1	1	1	0.89189654
	0.89189654	0.89189654	NA	1	0	0.998207054		
FGFR1	ENSG00000077782.19	0.372505287	1	1	0.372505287		Brain_Cerebellum	
	0.372505287	Brain_Cerebellum	1	1	0.891790401		0.891790401	
	0.891790401	NA	1	0	0.998207054			
E2F1	ENSG00000101412.12	0.372523529	8	4	0.07268067			
	Brain_Caudate_basal_ganglia	0.575995526		Brain_Nucleus_accumbens_basal_ganglia				
	5.663375007	0.011010278	0.194046489	0.559243535			1.794830752	
	1.422052911	0.416411888	4	0	0.998207054			
TPM4	ENSG00000167460.14	0.372552133	2	2	0.235852922			
	Brain_Hippocampus	0.426830315		Brain_Cerebellar_Hemisphere	1.034066804			
	0.965933196	0.965933196	0.794627332	1.185416219			0.990021775	
	0.276329472	2	0	0.998207054				
ANKRD42	ENSG00000137494.13	0.372624047	9	5	0.071154485			
	Brain_Cerebellar_Hemisphere	0.431562463		Brain_Hippocampus	6.508925858			
	0.006338908	0.276741522	-1.804490255	-0.786520757			-1.319552833	
	0.345307441	5	0	0.998207054				
SLC48A1	ENSG00000211584.13	0.372669417	3	3	0.094497622			
	Brain_Cerebellum	0.732675938		Brain_Cortex	1.63687817	0.363119011		
	0.363119011	0.341568112	1.672135419	1.154757238			0.712902816	
	3	0	0.998207054					
PECR	ENSG00000115425.13	0.372920725	3	3	0.141664638		Brain_Cortex	
	0.525076163	Brain_Nucleus_accumbens_basal_ganglia	1.436794901					
	0.659096122	0.659096122	-1.46962023	-0.635540191			-1.084198982	
	0.420620515	3	0	0.998207054				
CKM	ENSG00000104879.4	0.372981612	1	1	0.372981612			
	Brain_Spinal_cord_cervical_c-1	0.372981612		Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.890902252	0.890902252	0.890902252	NA	1
	0.998207054							0
PGGT1B	ENSG00000164219.9	0.373000687	4	4	0.162527619			
	Brain_Hippocampus	0.767288464		Brain_Frontal_Cortex_BA9	2.92495955			
	0.124182849	0.124182849	-1.396620843	0.295923552			-0.511525307	
	0.694359093	4	0	0.998207054				

CALHM1	ENSG00000185933.6	0.373346576	1	1	0.373346576		
	Brain_Frontal_Cortex_BA9	0.373346576			Brain_Frontal_Cortex_BA9	1	1
	1	-0.89022222	-0.89022222	-0.89022222	NA	1	0
	0.998207054						
CHRN2	ENSG00000160716.5	0.373429945	6	5	0.280605726		
	Brain_Cerebellar_Hemisphere	0.976149051			Brain_Cerebellum	3.032222569	
	0.064525916	0.204989424	-1.078959626	0.892898207	-0.056455556		
	0.757529834	5	0	0.998207054			
AC004221.2	ENSG00000267778.1	0.373527903	1	1	0.373527903		
	Brain_Hypothalamus	0.373527903			Brain_Hypothalamus	1	1
	-0.889884508	-0.889884508	-0.889884508	NA	1	0	0.998207054
CTNBL1	ENSG00000132792.18	0.373564902	1	1	0.373564902		
	Brain_Cerebellum	0.373564902			Brain_Cerebellum	1	1
	-0.889815613	-0.889815613	NA	1	0	0.998207054	-0.889815613
FAM111A	ENSG00000166801.15	0.373618996	1	1	0.373618996		
	Brain_Amygdala	0.373618996			Brain_Amygdala	1	1
	-0.889714892	-0.889714892	NA	1	0	0.998207054	-0.889714892
FBXO16	ENSG00000214050.7	0.373635321	1	1	0.373635321		
	Brain_Cerebellum	0.373635321			Brain_Cerebellum	1	1
	-0.889684497	-0.889684497	NA	1	0	0.998207054	-0.889684497
TRAK2	ENSG00000115993.12	0.373651618	1	1	0.373651618		Brain_Cerebellum
	0.373651618	Brain_Cerebellum	1	1	0.889654155	0.889654155	
	0.889654155	NA	1	0	0.998207054		
PPHLN1	ENSG00000134283.17	0.373807797	2	2	0.562900676		
	Brain_Cerebellum	0.85891459			Brain_Cerebellar_Hemisphere	1.851406226	
	0.148593774	0.148593774	-0.177756018	0.578538405	0.200391193		
	0.534780915	2	0	0.998207054			
C4orf19	ENSG00000154274.14	0.373857027	2	2	0.19255045		Brain_Cerebellum
	0.822638195	Brain_Cerebellar_Hemisphere	1.513940951	0.486059049			
	0.486059049	0.224153076	1.303071215	0.763612145	0.762910333		
	2	0	0.998207054				
UPK3B	ENSG00000243566.6	0.373884756	13	2	0.138834367		
	Brain_Substantia_nigra	0.401216683			Brain_Cerebellar_Hemisphere		
	11.55215114	0.003017286	0.435554239	-1.480145702	-0.839450272		
	-1.07874019	0.229314458	2	0	0.998207054		
PIP5K1A	ENSG00000143398.19	0.373917526	7	7	0.091853102		
	Brain_Substantia_nigra	0.781751112			Brain_Nucleus_accumbens_basal_ganglia		
	2.262673211	0.344348492	0.344348492	-1.437132197	1.685702567		
	-0.095720973	1.058791547	7	0	0.998207054		
CTD-3051D23.1	ENSG00000258811.1	0.37404678	3	3	0.143076138		
	Brain_Putamen_basal_ganglia	0.297160137			Brain_Hypothalamus	1.99567458	
	0.06819306	0.06819306	-1.166796207	1.464431312	-0.248302534		
	1.484571539	3	0	0.998207054			
NRG3	ENSG00000185737.12	0.374114299	2	2	0.253119572		
	Brain_Nucleus_accumbens_basal_ganglia	0.356988397			Brain_Substantia_nigra		
	1.098371835	0.901628165	0.901628165	0.921118817	1.142804978		
	1.031961897	0.156755788	2	0	0.998207054		
FAM218A	ENSG00000250486.3	0.374185692	11	4	0.101921532		
	Brain_Anterior_cingulate_cortex_BA24	0.416882362			Brain_Cerebellum		
	8.467463369	0.026472353	0.299164025	-1.635608588	-0.81184189		
	-1.221595988	0.269600552	4	0	0.998207054		
P3H2	ENSG00000090530.9	0.374379453	1	1	0.374379453		Brain_Cerebellum
	0.374379453	Brain_Cerebellum	1	1	0.888299901	0.888299901	
	0.888299901	NA	1	0	0.998207054		
KCNQ5	ENSG00000185760.15	0.374404599	2	2	0.25783046		
	Brain_Anterior_cingulate_cortex_BA24	0.407153718			Brain_Cerebellar_Hemisphere		
	1.001403484	0.998596516	0.998596516	-1.13153386	-0.828912859		
	-0.98022336	0.213985362	2	0	0.998207054		
CRTC1	ENSG00000105662.15	0.374416302	2	1	0.357719711		Brain_Cerebellum
	0.406390896	Brain_Cerebellar_Hemisphere	1.940815094	0.059184906			
	1.940815094	-0.919718829	-0.830261597	-0.874990213	0.063255815		
	1	0	0.998207054				

RP11-236B18.5	ENSG00000273124.1	0.374418251	1	1	0.374418251	
	Brain_Anterior_cingulate_cortex_BA24	0.374418251				
	Brain_Anterior_cingulate_cortex_BA24	1	1	0.888227757		
	0.888227757	0.888227757	NA	1	0	0.998207054
RP5-832C2.5	ENSG00000215014.4	0.374435148	2	2	0.206767494	
	Brain_Nucleus_accumbens_basal_ganglia	0.453585056				Brain_Putamen_basal_ganglia
	1.11450107	0.88549893	0.88549893	-1.262503982	-0.749451607	-1.005977795
	0.362782813	2	0	0.998207054		
RP11-222K16.1	ENSG00000271943.1	0.37448499	5	5	0.102067193	
	Brain_Cortex	0.971968562				Brain_Hypothalamus
	0.490321356	0.490321356	-1.063452783	1.634913446		0.346309108
	0.980951399	5	0	0.998207054		
RCBTB1	ENSG00000136144.11	0.37466923	10	5	0.056773849	Brain_Amygdala
	0.828702292					Brain_Nucleus_accumbens_basal_ganglia
	0.037960654	0.277842599	-1.905047869	0.822723875		-0.703015176
	0.736656615	5	0	0.998207054		
C5	ENSG00000106804.7	0.374763431	3	3	0.291730053	
	Brain_Caudate_basal_ganglia	0.881211586				Brain_Cerebellum
	0.141617618	0.141617618	-1.054333944	-0.149433492		-0.574664402
	0.454899858	3	0	0.998207054		
HRASLS2	ENSG00000133328.3	0.374842877	3	3	0.176104525	
	Brain_Cortex	0.807751635				Brain_Hippocampus
	0.817363214	0.817363214	0.243327587	1.352846966		0.829428578
	0.557409315	3	0	0.998207054		
ASIC1	ENSG00000110881.11	0.374846569	2	2	0.198639467	Brain_Cortex
	0.467626987					Brain_Frontal_Cortex_BA9
	0.184318449	-1.285437435	-0.72634551	-1.005891473		0.184318449
	2	0	0.998207054			
POP5	ENSG00000167272.10	0.374894305	10	7	0.078829727	
	Brain_Cerebellar_Hemisphere	0.953135639				Brain_Hippocampus
	0.042751287	0.220949757	-0.548879661	1.757517		0.451772888
	0.684703814	7	0	0.998207054		
SRD5A2	ENSG00000277893.1	0.37503128	1	1	0.37503128	Brain_Cerebellum
	0.37503128	Brain_Cerebellum	1	1	-0.887088454	-0.887088454
	-0.887088454	NA	1	0	0.998207054	
AC092171.4	ENSG00000230733.2	0.375056723	2	2	0.163509761	
	Brain_Caudate_basal_ganglia	0.887525744				Brain_Hypothalamus
	0.999717582	0.999717582	-1.393363953	0.141435711		-0.625964121
	1.08526725	2	0	0.998207054		
SPCS1	ENSG00000114902.13	0.375061879	4	4	0.071676094	
	Brain_Frontal_Cortex_BA9	0.627230998				Brain_Cortex
	0.31111223	0.31111223	-1.80116997	1.139685223		-0.603259274
	1.281380479	4	0	0.998207054		
MPZL3	ENSG00000160588.9	0.375145231	1	1	0.375145231	
	Brain_Hypothalamus	0.375145231				Brain_Hypothalamus
	-0.886876805	-0.886876805	-0.886876805	NA	1	0
					0.998207054	
DNLZ	ENSG00000213221.4	0.375150914	13	3	0.283466017	
	Brain_Spinal_cord_cervical_c-1	0.948367517				
	Brain_Nucleus_accumbens_basal_ganglia	10.40914806			0.021651273	
	0.546379427	-0.984096566	1.07256571	-0.165015078		0.529432004
	0	0.998207054				3
CDK13	ENSG00000065883.14	0.37519722	2	2	0.184932594	Brain_Hippocampus
	0.747940381					Brain_Putamen_basal_ganglia
	0.904050299	-0.321356319	1.325719595	0.502181638		0.904050299
	2	0	0.998207054			1.164658548
RAB2A	ENSG00000104388.14	0.375225119	2	2	0.172644468	
	Brain_Cerebellar_Hemisphere	0.776079305				Brain_Spinal_cord_cervical_c-1
	1.023975652	0.976024348	0.976024348	-1.363755696		-0.284432045
	-0.82409387	0.763197073	2	0	0.998207054	
POT1	ENSG00000128513.14	0.375355046	3	3	0.2430407	Brain_Cortex
	0.725270532					Brain_Hippocampus
	0.506822518	-0.351423664	1.167420244	0.590565955		0.822626623

3	0	0.998207054						
PLXNA1	ENSG00000114554.11	0.375498109	2	2	0.347596635			
	Brain_Cerebellum	0.64746896	Brain_Cerebellar_Hemisphere	1.919955253				
	0.080044747	0.080044747	-0.939261237	-0.457281174	-0.698271205			
	0.340811371	2	0	0.998207054				
CTD-3162L10.1	ENSG00000267053.6	0.375595968	4	2	0.437116368			
	Brain_Cortex	0.883569483	Brain_Hypothalamus	3.603815607				
	0.026260609	0.297355241	-0.777071873	0.2944517	-0.226996055			
	0.441087832	2	0	0.998207054				
APP	ENSG00000142192.20	0.375650496	1	1	0.375650496			
	Brain_Cerebellar_Hemisphere	0.375650496	Brain_Cerebellar_Hemisphere	1	1			
	1	0.885938819	0.885938819	0.885938819	NA	1	0	
	0.998207054							
LINC00205	ENSG00000223768.1	0.375654184	13	3	0.21477515	Brain_Cerebellum		
	0.970753163	Brain_Amygdala	10.87606263	0.000801602	0.563631865			
	-1.240541564	0.46159295	-0.715408951	0.509236212	3	0		
	0.998207054							
RFX1	ENSG00000132005.8	0.375670184	1	1	0.375670184			
	Brain_Hippocampus	0.375670184	Brain_Hippocampus	1	1	1		
	-0.885902287	-0.885902287	-0.885902287	NA	1	0	0.998207054	
7-Mar	ENSG00000136536.14	0.375720144	1	1	0.375720144	Brain_Amygdala		
	0.375720144	Brain_Amygdala	1	1	1	0.885809585	0.885809585	
	0.885809585	NA	1	0	0.998207054			
RPL9	ENSG00000163682.15	0.375907456	13	1	0.32231109			
	Brain_Anterior_cingulate_cortex_BA24	0.440687401	Brain_Hypothalamus					
	12.83560606	4.55E-05	12.83560606	-0.989719809	-0.771032951			
	-0.880104099	0.052665594	1	0	0.998207054			
PSMD3	ENSG00000108344.14	0.375937941	1	1	0.375937941	Brain_Cerebellum		
	0.375937941	Brain_Cerebellum	1	1	1	-0.885405548	-0.885405548	
	-0.885405548	NA	1	0	0.998207054			
RTTN	ENSG00000176225.13	0.37597893	2	2	0.211393044			
	Brain_Substantia_nigra	0.490622211	Brain_Cerebellum	1.049555791				
	0.950444209	0.950444209	-1.249744094	0.68931953	-0.280212282			
	1.371125037	2	0	0.998207054				
AC008060.8	ENSG00000236544.1	0.376018053	2	2	0.170066843			
	Brain_Cerebellum	0.875341954	Brain_Cerebellar_Hemisphere	1.083088311				
	0.916911689	0.916911689	-1.371989061	0.156876788	-0.607556137			
	1.081071409	2	0	0.998207054				
RP9	ENSG00000164610.8	0.376030728	10	1	0.218295067	Brain_Amygdala		
	0.860878649	Brain_Caudate_basal_ganglia	9.160560664	0.003493031				
	9.160560664	0.175255789	1.231074325	0.84899713	0.277924862	1		
	0	0.998207054						
TICAM1	ENSG00000127666.9	0.376104769	2	1	0.375578287			
	Brain_Caudate_basal_ganglia	0.376658915	Brain_Cortex	1.999886098				
	0.000113902	1.999886098	0.884069095	0.886072823	0.885070959			
	0.00141685	1	0	0.998207054				
KIF1B	ENSG00000054523.17	0.376118563	2	2	0.445729838			
	Brain_Hippocampus	0.959262334	Brain_Spinal_cord_cervical_c-1					
	1.857611649	0.142388351	0.142388351	0.051079296	0.762553312			
	0.406816304	0.503088101	2	0	0.998207054			
PDE5A	ENSG00000138735.15	0.376127082	1	1	0.376127082	Brain_Cortex		
	0.376127082	Brain_Cortex	1	1	1	0.88505479	0.88505479	0.88505479
	NA	1	0	0.998207054				
DGCR6L	ENSG00000128185.9	0.376233581	3	3	0.151972652			
	Brain_Cerebellum	0.562626418	Brain_Cerebellar_Hemisphere	1.249262677				
	0.766909176	0.766909176	-1.432598356	0.627352328	-0.075433742			
	1.175588221	3	0	0.998207054				
SPDYE6	ENSG00000260097.2	0.376271902	2	2	0.162259053			
	Brain_Cortex	0.666449998	Brain_Cerebellar_Hemisphere	1.337326104				
	0.662673896	0.662673896	0.431025268	1.397514023	0.914269645			
	0.683410753	2	0	0.998207054				
RNF38	ENSG00000137075.17	0.376339473	1	1	0.376339473			

	Brain_Frontal_Cortex_BA9	0.376339473		Brain_Frontal_Cortex_BA9	1	1
	1	-0.884661043	-0.884661043	-0.884661043	NA	1 0
	0.998207054					
STX6	ENSG00000135823.13	0.376374069	11	4	0.14339777	
	Brain_Frontal_Cortex_BA9	0.998960237		Brain_Cerebellar_Hemisphere	7.87236183	
	0.005356496	0.555493751		-0.910618697	1.463254436	0.249804766
	0.565543828	4	0	0.998207054		
CXCL14	ENSG00000145824.12	0.376398816	2	2	0.224637765	
	Brain_Cerebellum	0.254188152		Brain_Hippocampus	1.421869348	
	0.578130652	0.578130652		-1.214288004	-1.140235618	-1.177261811
	0.052362945	2	0	0.998207054		
RNF112	ENSG00000128482.15	0.376418527	3	3	0.225807423	
	Brain_Caudate_basal_ganglia	0.729684122		Brain_Cerebellum	1.75439822	
	0.417488584	0.417488584		-0.977011383	1.211229597	-0.037109179
	1.126254627	3	0	0.998207054		
CRNDE	ENSG00000245694.9	0.376474376	7	2	0.629064736	
	Brain_Anterior_cingulate_cortex_BA24	0.878266974		Brain_Putamen_basal_ganglia		
	6.507877729	0.020851138		0.26766814	-0.461383594	0.483043661
	-0.189210523	0.317178468	2	0	0.998207054	
ZSCAN12	ENSG00000158691.14	0.376758008	1	1	0.376758008	
	Brain_Cerebellum	0.376758008		Brain_Cerebellum	1 1 1	-0.883885533
	-0.883885533	-0.883885533	NA	1	0	0.998207054
ERCC8	ENSG00000049167.13	0.376784557	1	1	0.376784557	
	Brain_Putamen_basal_ganglia	0.376784557		Brain_Putamen_basal_ganglia	1	1
	1	0.883836358		0.883836358	NA	1 0
	0.998207054					
BUB1	ENSG00000169679.14	0.376865977	2	2	0.169588428	
	Brain_Caudate_basal_ganglia	0.592818541		Brain_Frontal_Cortex_BA9		
	1.207539903	0.792460097		0.792460097	0.534756075	1.373527468
	0.954141771	0.59310094	2	0	0.998207054	
IL10RB	ENSG00000243646.9	0.377039499	13	5	0.341786246	
	Brain_Caudate_basal_ganglia	0.827371173		Brain_Nucleus_accumbens_basal_ganglia		
	10.0394323	0.004810005		0.377437831	-0.448761182	0.950641791
	0.375176561	0.536774651	5	0	0.998207054	
PHLDA3	ENSG00000174307.6	0.377046214	7	6	0.046746523	
	Brain_Putamen_basal_ganglia	0.791500682		Brain_Hypothalamus	2.283355606	
	0.008854142	0.696951939		-1.988589572	-0.2643624	-1.121658799
	0.752025528	6	0	0.998207054		
RAB3C	ENSG00000152932.7	0.37705296	1	1	0.37705296	Brain_Caudate_basal_ganglia
	0.37705296	Brain_Caudate_basal_ganglia	1	1	-0.88333933	
	-0.88333933	-0.88333933	NA	1	0	0.998207054
TYW1	ENSG00000198874.12	0.377133979	12	1	0.104660191	Brain_Cerebellum
	0.866046372	Brain_Hypothalamus	11.20778812		0.001627914	
	11.20778812	-1.622668955		-0.168682516	-0.854807108	0.329058312
	1	0	0.998207054			
COL24A1	ENSG00000171502.14	0.377149352	4	3	0.416763899	
	Brain_Cortex	0.80097741		Brain_Caudate_basal_ganglia	3.277071556	
	0.061128675	0.223260105		-0.812048333	0.481990699	0.058613834
	0.58854442	3	0	0.998207054		
PTGR2	ENSG00000140043.11	0.377378428	13	3	0.140072036	
	Brain_Cerebellar_Hemisphere	0.92490818		Brain_Frontal_Cortex_BA9	9.330705287	
	0.003870274	0.573574731		-1.475522826	1.358175785	0.453299654
	0.876916751	3	0	0.998207054		
MAP3K14	ENSG00000006062.14	0.377400058	2	2	0.287517369	
	Brain_Cerebellar_Hemisphere	0.295854739		Brain_Cerebellum	1.141183159	
	0.858816841	0.858816841		1.045364065	1.063583612	1.054473839
	0.012883166	2	0	0.998207054		
PVT1	ENSG00000249859.9	0.377405722	2	2	0.231569633	
	Brain_Caudate_basal_ganglia	0.674088732		Brain_Nucleus_accumbens_basal_ganglia		
	1.233296854	0.766703146		0.766703146	-1.196325315	0.420543125
	-0.387891095	1.143298638	2	0	0.998207054	
LINC00645	ENSG00000258548.5	0.377433829	2	2	0.175821754	

	Brain_Putamen_basal_ganglia	0.756220617		Brain_Hypothalamus	1.022340961	
	0.977659039	0.977659039	-1.353732443	-0.31044758	-0.832090012	
	0.737713802	2	0	0.998207054		
POLR2E	ENSG00000099817.11	0.377433854		9	7	0.132147179
	Brain_Frontal_Cortex_BA9	0.786042486		Brain_Putamen_basal_ganglia	3.02125202	
	0.025787305	0.35292812	-1.427938665	1.505688415	-0.369435361	
	1.105776599	7	0	0.998207054		
FLCN	ENSG00000154803.12	0.377457976	10	7	0.154582789	
	Brain_Frontal_Cortex_BA9	0.940897475		Brain_Nucleus_accumbens_basal_ganglia		
	5.783749875	0.012982705	0.329552136	-1.42352925	1.129069604	
	-0.277265104	0.834444916	7	0	0.998207054	
NXNL2	ENSG00000130045.15	0.377483581	1	1	0.377483581	
	Brain_Substantia_nigra	0.377483581		Brain_Substantia_nigra	1	
	1	-0.882542363	-0.882542363	-0.882542363	NA	
	0.998207054			1	0	
MOB3A	ENSG00000172081.13	0.377496644	2	2	0.280455609	
	0.390918512	Brain_Caudate_basal_ganglia	1.024951969	0.975048031	Brain_Cerebellum	
	0.975048031	-1.079296419	0.857952826	-0.110671796	1.369842078	
	2	0	0.998207054			
FALEC	ENSG00000228126.1	0.377567864	2	2	0.21347323	
	0.398991685	Brain_Frontal_Cortex_BA9	1.177462745	0.822537255	Brain_Hypothalamus	
	0.822537255	-1.244071552	-0.843423407	-1.04374748	0.28330102	
	0	0.998207054			2	
RPS25	ENSG00000118181.10	0.377569461	9	2	0.213790632	
	Brain_Nucleus_accumbens_basal_ganglia	0.688057067				
	Brain_Spinal_cord_cervical_c-1	8.316053832		7.17E-06	0.461754678	
	-1.243209529	-0.401493169	-0.703635935	0.273540404	2	
	0.998207054				0	
CLDN16	ENSG00000113946.3	0.377616058	3	3	0.153344979	
	Brain_Amygdala	0.743157374		Brain_Frontal_Cortex_BA9	1.214271069	
	0.786250163	0.786250163	-0.998984601	1.427815468	0.033718607	
	1.253113592	3	0	0.998207054		
COG7	ENSG00000168434.12	0.377649736	2	2	0.162863996	
	Brain_Caudate_basal_ganglia	0.964766478		Brain_Cerebellum	1.023007596	
	0.976992404	0.976992404	-1.395503712	-0.044173032	-0.719838372	
	0.955535088	2	0	0.998207054		
MLF2	ENSG00000089693.10	0.377681057	1	1	0.377681057	
	0.377681057	Brain_Cerebellum	1	1	0.882177075	
	0.882177075	NA	1	0	0.998207054	
CTD-2017D11.1	ENSG00000268362.5	0.377697981		11	2	0.113907198
	Brain_Hippocampus	0.517190943		Brain_Cerebellum	9.701963863	
	0.003947373	0.81348959	0.647681545	1.580872478	1.287705168	
	0.276402465	2	0	0.998207054		
MAF	ENSG00000178573.6	0.377752784	1	1	0.377752784	
	Brain_Caudate_basal_ganglia	0.377752784		Brain_Caudate_basal_ganglia	1	
	1	-0.882044425	-0.882044425	-0.882044425	NA	
	0.998207054			1	0	
CTC-591M7.1	ENSG00000283213.1	0.377885491	2	2	0.206047012	
	Brain_Cortex	0.85698241		Brain_Frontal_Cortex_BA9	1.535991262	
	0.464008738	0.464008738	-1.264510059	-0.180216749	-0.722363404	
	0.766711153	2	0	0.998207054		
PHF7	ENSG00000010318.20	0.378013033	1	1	0.378013033	
	Brain_Putamen_basal_ganglia	0.378013033		Brain_Putamen_basal_ganglia	1	
	1	0.881563256	0.881563256	0.881563256	NA	
	0.998207054			1	0	
EXTL3	ENSG00000012232.8	0.37803009	1	1	0.37803009	
	0.37803009	Brain_Substantia_nigra	1	1	1	
	-0.881531725	-0.881531725	NA	1	0	
	0.998207054					
LIPC	ENSG00000166035.10	0.378222756	2	2	0.206320801	
	Brain_Putamen_basal_ganglia	0.566921559		Brain_Caudate_basal_ganglia		
	1.013322992	0.986677008	0.986677008	0.572591142	1.263747134	
	0.918169138	0.488721089	2	0	0.998207054	

PKD2L1	ENSG00000107593.16	0.378380227	6	6	0.097204483			
	Brain_Hypothalamus	0.747763536				Brain_Caudate_basal_ganglia	2.400099162	
	0.098147029	0.098147029	-1.658560021		1.140293291		-0.591301404	
	0.964141316	6	0	0.998207054				
TWIST1	ENSG00000122691.12	0.378458999	1	1	0.378458999			
	Brain_Hippocampus	0.378458999				Brain_Hippocampus	1	1
	0.880739192	0.880739192	0.880739192		NA	1	0	0.998207054
EEF1A2	ENSG00000101210.10	0.378560994	1	1	0.378560994			
	Brain_Nucleus_accumbens_basal_ganglia	0.378560994						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.880550808			
	-0.880550808	-0.880550808	NA	1	0	0.998207054		
BANF1	ENSG00000175334.7	0.378695668	1	1	0.378695668		Brain_Cortex	
	0.378695668	Brain_Cortex	1	1	1	-0.880302114		-0.880302114
	-0.880302114	NA	1	0	0.998207054			
RBCK1	ENSG00000125826.20	0.378830539	1	1	0.378830539		Brain_Cerebellum	
	0.378830539	Brain_Cerebellum	1	1	1	-0.880053111		-0.880053111
	-0.880053111	NA	1	0	0.998207054			
CA5A	ENSG00000174990.4	0.378861115	9	5	0.034083446		Brain_Cerebellum	
	0.885893367	Brain_Nucleus_accumbens_basal_ganglia	5.448255124					
	0.014734801	0.310058395	-0.143502462		2.11908308	0.671510399		
	0.640135599	5	0	0.998207054				
TPT1	ENSG00000133112.16	0.37887289	1	1	0.37887289		Brain_Putamen_basal_ganglia	
	0.37887289	Brain_Putamen_basal_ganglia	1	1	1	-0.879974932		
	-0.879974932	-0.879974932	NA	1	0	0.998207054		
CPA1	ENSG00000091704.9	0.378943765	1	1	0.378943765			
	Brain_Hippocampus	0.378943765				Brain_Hippocampus	1	1
	-0.879844111	-0.879844111	-0.879844111		NA	1	0	0.998207054
RP4-794H19.1	ENSG00000232453.6	0.378979645	1	1	0.378979645			
	Brain_Anterior_cingulate_cortex_BA24	0.378979645						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.879777888			
	0.879777888	0.879777888	NA	1	0	0.998207054		
CMTM1	ENSG00000089505.17	0.379005832	1	1	0.379005832			
	Brain_Anterior_cingulate_cortex_BA24	0.379005832						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.879729561			
	0.879729561	0.879729561	NA	1	0	0.998207054		
RD3	ENSG00000198570.5	0.379053373	1	1	0.379053373			
	Brain_Nucleus_accumbens_basal_ganglia	0.379053373						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.879641825			
	0.879641825	0.879641825	NA	1	0	0.998207054		
MADD	ENSG00000110514.19	0.379315011	6	5	0.219173555		Brain_Cerebellum	
	0.99603966	Brain_Cortex	3.626202225		0.029083884	0.150642218		
	-1.228728666	-0.00496357	-0.571986318		0.400044051	5	0	
	0.998207054							
LINC01588	ENSG00000214900.9	0.379379017	1	1	0.379379017			
	Brain_Nucleus_accumbens_basal_ganglia	0.379379017						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.879041052			
	0.879041052	0.879041052	NA	1	0	0.998207054		
CCNL1	ENSG00000163660.11	0.379380396	1	1	0.379380396			
	Brain_Nucleus_accumbens_basal_ganglia	0.379380396						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.879038509			
	0.879038509	0.879038509	NA	1	0	0.998207054		
CCDC90B	ENSG00000137500.9	0.379413114	11	3	0.097750341			
	Brain_Frontal_Cortex_BA9	0.63763725	Brain_Cerebellum	9.059443409				
	0.006950409	0.435019593	0.47100488	1.655859176		1.240869181		
	0.290205501	3	0	0.998207054				
IMMP1L	ENSG00000148950.9	0.379439057	1	1	0.379439057			
	Brain_Spinal_cord_cervical_c-1	0.379439057				Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.878930321		-0.878930321	NA	1
	0.998207054							0
INTS10	ENSG00000104613.11	0.379575885	7	4	0.094728295			
	Brain_Spinal_cord_cervical_c-1	0.980750818				Brain_Cortex	5.188619417	
	0.029264277	0.198904766	-1.670966502		0.139462819		-0.482191593	

	0.659821098	4	0	0.998207054					
LINC01829	ENSG00000236780.5			0.379601465	4	3	0.081396184		
	Brain_Nucleus_accumbens_basal_ganglia			0.325236762					
	Brain_Anterior_cingulate_cortex_BA24			3.05281745			0.097830753		0.39102274
	0.98375343	1.742641915		1.399399755			0.331646052	3	0
	0.998207054								
LPGAT1	ENSG00000123684.12			0.379607435	1	1	0.379607435		
	Brain_Cerebellar_Hemisphere			0.379607435			Brain_Cerebellar_Hemisphere1		1
	1	-0.87861984		-0.87861984			-0.87861984	NA	1
	0.998207054								0
ILF3	ENSG00000129351.17			0.379681142	1	1	0.379681142		
	Brain_Caudate_basal_ganglia			0.379681142			Brain_Caudate_basal_ganglia1		1
	1	0.878483953		0.878483953			0.878483953	NA	1
	0.998207054								0
ACTR3	ENSG00000115091.11			0.379685126	2	2	0.167415964		Brain_Cerebellum
	0.653044551			Brain_Hippocampus			1.200897725		0.799102275
	0.799102275			-1.380554557			-0.449536685		-0.915045621
	2	0		0.998207054					0.658329051
FXYD6	ENSG00000137726.16			0.379766737	2	2	0.221107677		
	Brain_Substantia_nigra			0.536447975			Brain_Cerebellar_Hemisphere		
	1.036057027			0.963942973			0.963942973		-0.618193226
	0.302697403			1.302336017	2	0	0.998207054		1.223588032
LDHC	ENSG00000166796.11			0.379824387	13	1	0.266405469		Brain_Cerebellum
	0.565766971			Brain_Frontal_Cortex_BA9			12.6208127		0.001205439
	0.574296805			1.111378485			0.865139597		0.142070285
	0.998207054								1
									0
SLC1A6	ENSG00000105143.12			0.379936795	8	4	0.134797221		
	Brain_Hypothalamus			0.938481912			Brain_Cortex		5.905212513
	0.303107432			0.077178039			1.495449305		0.645130114
	4	0		0.998207054					0.476461662
RP5-1092A3.5	ENSG00000271398.1			0.379978251	1	1	0.379978251		
	Brain_Cerebellar_Hemisphere			0.379978251			Brain_Cerebellar_Hemisphere1		1
	1	0.877936369		0.877936369			0.877936369	NA	1
	0.998207054								0
KB-208E9.1	ENSG00000272733.1			0.38006924	12	1	0.294057999		
	Brain_Cerebellar_Hemisphere			0.638899492			Brain_Frontal_Cortex_BA9		
	11.13460297			0.009559437			11.13460297		0.469238048
	0.844310111			0.177143569	1	0	0.998207054		1.049261024
URM1	ENSG00000167118.10			0.380126329	1	1	0.380126329		
	Brain_Frontal_Cortex_BA9			0.380126329			Brain_Frontal_Cortex_BA9		1
	1	0.877663553		0.877663553			0.877663553	NA	1
	0.998207054								0
COX6A1	ENSG00000111775.2			0.380273223	7	3	0.111934133		
	Brain_Spinal_cord_cervical_c-1			0.5974544			Brain_Anterior_cingulate_cortex_BA24		
	5.436321906			0.001096572			0.690672229		0.528064744
	0.815887589			0.365982582	3	0	0.998207054		1.589559498
C10orf62	ENSG00000203942.4			0.380295641	2	2	0.293211875		
	Brain_Hypothalamus			0.382702872			Brain_Cerebellar_Hemisphere1		1.035101574
	0.964898426			0.964898426			-1.051101718		0.872926994
	1.360493749			2	0		0.998207054		-0.089087362
SNUPN	ENSG00000169371.13			0.380339279	12	2	0.113730453		
	Brain_Anterior_cingulate_cortex_BA24			0.67921752			Brain_Cerebellum10		7.3839775
	1.13E-16			0.446475923			-1.581645797		-0.41353113
	0.276880937			2	0		0.998207054		-1.092959302
CYHR1	ENSG00000187954.12			0.380626953	6	5	0.128859516		Brain_Cerebellum
	0.977279889			Brain_Nucleus_accumbens_basal_ganglia			2.084558263		
	0.015235343			0.705376382			-1.51861467		0.877781858
	0.987100471			5	0		0.998207054		-0.498637157
FBXO28	ENSG00000143756.11			0.380662994	1	1	0.380662994		
	Brain_Nucleus_accumbens_basal_ganglia			0.380662994					
	Brain_Nucleus_accumbens_basal_ganglia			1	1	1	0.87667536		0.87667536
	0.87667536	NA		1	0		0.998207054		

WDR12	ENSG00000138442.9	0.380737888	3	2	0.164227377	Brain_Amygdala
	0.202395867	Brain_Putamen_basal_ganglia	2.886597782		0.006785698	
	0.10661652	1.2747553	1.390993568	1.347426114	0.063348937	2 0
	0.998207054					
RP11-436K8.1	ENSG00000231252.2	0.380960917	1	1	0.380960917	
	Brain_Cortex	0.380960917	Brain_Cortex	1 1 1	0.876127145	
	0.876127145	0.876127145	NA 1 0		0.998207054	
PLAC8	ENSG00000145287.10	0.380965012	10	4	0.085943322	
	Brain_Substantia_nigra	0.602510469	Brain_Amygdala	8.288348233		
	0.007287163	0.289382512	0.520793733	1.717196241	1.035836315	
	0.379622217	4 0	0.998207054			
FLYWCH1	ENSG00000059122.16	0.380985932	13	4	0.058852053	
	Brain_Cortex	0.957975027	Brain_Cerebellum	9.298838289	0.004590549	
	0.529401467	-1.889296929	0.754278392	0.154330336	0.734949017	
	4 0	0.998207054				
TBC1D15	ENSG00000121749.15	0.381023952	1	1	0.381023952	
	Brain_Cortex	0.381023952	Brain_Cortex	1 1 1	-0.876011187	
	-0.876011187	-0.876011187	NA 1 0		0.998207054	
PKN1	ENSG00000123143.12	0.381302771	2	1	0.263437976	
	Brain_Cerebellar_Hemisphere	0.541193425	Brain_Cerebellum	1.950768336		
	0.049231664	1.950768336	0.611009297	1.118302134	0.864655716	
	0.358710205	1 0	0.998207054			
RP11-180M15.6	ENSG00000275963.1	0.381323883	2	2	0.194037141	
	Brain_Cerebellar_Hemisphere	0.355864586	Brain_Cerebellum	1.35751141	0.64248859	
	0.64248859	0.923273709	1.298728439	1.111001074	0.265486586	2
	0	0.998207054				
CCDC92	ENSG00000119242.8	0.38140213	1	1	0.38140213	
	Brain_Caudate_basal_ganglia	0.38140213	Brain_Caudate_basal_ganglia	1 1 1		
	0.875315743	0.875315743	0.875315743	NA 1 0	0.998207054	
HSPB7	ENSG00000173641.17	0.381409736	2	2	0.28940775	
	Brain_Cerebellar_Hemisphere	0.735406576	Brain_Cerebellum	1.812643437		
	0.187356563	0.187356563	0.337942425	1.059421746	0.698682086	
	0.51016292	2 0	0.998207054			
ACAD8	ENSG00000151498.11	0.381428531	5	5	0.032096379	
	Brain_Spinal_cord_cervical_c-1	0.835981997	Brain_Substantia_nigra			
	1.375910906	0.600746181	0.600746181	-2.143208265	0.664114804	
	-0.224271163	1.139567973	5 0	0.998207054		
ABCA10	ENSG00000154263.17	0.381463008	5	5	0.060598767	
	Brain_Cerebellum	0.959975167	Brain_Hippocampus	2.997477196		
	0.128918294	0.128918294	-1.876411719	0.050184746	-0.496385004	
	0.790245315	5 0	0.998207054			
GORAB	ENSG00000120370.12	0.381463531	11	5	0.226295359	Brain_Cerebellum
	Brain_Hippocampus	7.8568559	0.008819248	0.280719063		
	-0.141549418	1.20995709	0.649544301	0.469556172	5 0	
	0.998207054					
ANKRD61	ENSG00000157999.5	0.381474172	1	1	0.381474172	
	Brain_Hypothalamus	0.381474172	Brain_Hypothalamus	1 1 1		
	0.875183312	0.875183312	0.875183312	NA 1 0	0.998207054	
THAP4	ENSG00000176946.11	0.381591036	4	4	0.184182534	
	Brain_Cerebellar_Hemisphere	0.965841984	Brain_Putamen_basal_ganglia			
	2.476784155	0.357941025	0.357941025	-0.583002768	1.327986598	
	0.241491408	0.796605796	4 0	0.998207054		
ZNF532	ENSG00000074657.13	0.381591219	2	2	0.223623558	
	Brain_Hypothalamus	0.621917183	Brain_Cerebellum	1.138193895		
	0.861806105	0.861806105	0.493135026	1.216949165	0.855042095	
	0.511813886	2 0	0.998207054			
ADCK1	ENSG00000063761.15	0.381756183	9	9	0.095358046	
	Brain_Hippocampus	0.810260498	Brain_Cortex	3.080745851		
	0.160683202	0.160683202	-1.074130868	1.667786858	-0.189388882	
	0.884274253	9 0	0.998207054			
ADA	ENSG00000196839.12	0.381927316	6	6	0.0845789	
	Brain_Putamen_basal_ganglia	0.735454031	Brain_Spinal_cord_cervical_c-1			

	2.298680491	0.139150819	0.139150819	-1.724714702	1.41234786		
	-0.274174093	1.137708178	6	0	0.998207054		
ENY2	ENSG00000120533.12	0.38203916	2	2	0.284429329		
	Brain_Nucleus_accumbens_basal_ganglia	0.427077444			Brain_Cerebellum		
	1.079783391	0.920216609	0.920216609	-0.794202687	1.070422159		
	0.138109736	1.318488873	2	0	0.998207054		
PRRC1	ENSG00000164244.20	0.382048392	1	1	0.382048392	Brain_Cerebellum	
	0.382048392	Brain_Cerebellum1	1	1	0.874128292	0.874128292	
	0.874128292	NA	1	0	0.998207054		
GLB1L2	ENSG00000149328.14	0.382063326	1	1	0.382063326		
	Brain_Hippocampus	0.382063326	Brain_Hippocampus	1	1	1	
	-0.874100866	-0.874100866	-0.874100866	NA	1	0	0.998207054
NEK9	ENSG00000119638.12	0.382089481	1	1	0.382089481		
	Brain_Hypothalamus	0.382089481	Brain_Hypothalamus	1	1	1	
	-0.874052835	-0.874052835	-0.874052835	NA	1	0	0.998207054
RP11-77K12.9	ENSG00000274220.1	0.382162767	1	1	0.382162767		
	Brain_Caudate_basal_ganglia	0.382162767	Brain_Caudate_basal_ganglia	1	1		
	1	0.873918265	0.873918265	0.873918265	NA	1	0
	0.998207054						
HCAR1	ENSG00000196917.5	0.382318423	1	1	0.382318423	Brain_Cortex	
	0.382318423	Brain_Cortex	1	1	1	0.873632497	0.873632497
	0.873632497	NA	1	0	0.998207054		
DHX36	ENSG00000174953.13	0.382323	5	3	0.146475927		
	Brain_Caudate_basal_ganglia	0.975800026	Brain_Cortex	4.234520641			
	0.025445357	0.218913222	-1.452092355	-0.030334822	-0.546703894		
	0.538185106	3	0	0.998207054			
DGCR8	ENSG00000128191.15	0.382349755	2	2	0.231016719	Brain_Cerebellum	
	0.717565954	Brain_Anterior_cingulate_cortex_BA24	1.261146699				
	0.738853301	0.738853301	0.361713746	1.197743937	0.779728842		
	0.591162617	2	0	0.998207054			
RPL36AL	ENSG00000165502.6	0.382359998	13	1	0.27250544		
	Brain_Caudate_basal_ganglia	0.719841427	Brain_Frontal_Cortex_BA9				
	12.43868366	0.000183173	12.43868366	-1.097311056	-0.358670731		
	-0.851258014	0.204871247	1	0	0.998207054		
BLOC1S5	ENSG00000188428.19	0.382369783	1	1	0.382369783		
	Brain_Nucleus_accumbens_basal_ganglia	0.382369783					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.87353822	0.87353822	
	0.87353822	NA	1	0	0.998207054		
CTD-2130F23.1	ENSG00000248533.1	0.382450267	2	2	0.165636382		
	Brain_Cerebellum	0.767187355	Brain_Cerebellar_Hemisphere	1.225992093			
	0.774007907	0.774007907	0.296055949	1.386362038	0.841208993		
	0.770962829	2	0	0.998207054			
HAP1	ENSG00000173805.15	0.382533462	6	3	0.106522853		
	Brain_Putamen_basal_ganglia	0.362272802	Brain_Cerebellum	4.376150769			
	0.002577945	0.360470049	-1.614021086	0.91104284	-1.096397785		
	0.988117616	3	0	0.998207054			
PCDH17	ENSG00000118946.11	0.382689428	1	1	0.382689428		
	Brain_Substantia_nigra	0.382689428	Brain_Substantia_nigra	1	1		
	1	0.872951658	0.872951658	0.872951658	NA	1	0
	0.998207054						
GREB1	ENSG00000196208.13	0.382960078	11	6	0.113500217		
	Brain_Hippocampus	0.983652272	Brain_Nucleus_accumbens_basal_ganglia				
	5.850752804	0.00822963	0.295210772	-0.918666328	1.582654574		
	0.065696602	0.833249987	6	0	0.998207054		
HAS1	ENSG00000105509.10	0.383047715	5	5	0.055426722		
	Brain_Cerebellar_Hemisphere	0.993544316	Brain_Cortex	1.702365256			
	0.494083522	0.494083522	-1.915516069	-0.008091088	-1.077772917		
	0.695971019	5	0	0.998207054			
CTD-3116E22.8	ENSG00000277587.1	0.383203248	12	2	0.317348519		
	Brain_Nucleus_accumbens_basal_ganglia	0.985413896	Brain_Cortex				
	10.94158866	0.000146978	0.477527324	-0.124897168	0.999921459		
	0.379171102	0.352494253	2	0	0.998207054		

MAP4K5	ENSG00000012983.11	0.383237768	2	2	0.407299666			
	Brain_Cortex	0.499165442				Brain_Putamen_basal_ganglia	1.40745697	0.59254303
	0.59254303	-0.828654983	0.675803452		-0.076425765	1.063812762		2
	0.998207054							
FAM131B	ENSG00000159784.17	0.383242248	1	1	0.383242248			
	Brain_Putamen_basal_ganglia	0.383242248				Brain_Putamen_basal_ganglia	1	1
	1	-0.871937916	-0.871937916		-0.871937916	NA	1	0
	0.998207054							
TBX6	ENSG00000149922.10	0.383380566	13	4	0.091474986			
	Brain_Spinal_cord_cervical_c-1	0.837243003				Brain_Hippocampus		
	10.02415763	0.009905712	0.392157481		-1.687667959	0.205421271		
	-0.89173308	0.557862168	4	0	0.998207054			
RP11-563J2.3	ENSG00000212743.2	0.38351163	1	1	0.38351163			
	Brain_Spinal_cord_cervical_c-1	0.38351163				Brain_Spinal_cord_cervical_c-1	1	1
	1	0.871444256	0.871444256		0.871444256	NA	1	0
	0.998207054							
LIFR	ENSG00000113594.9	0.383647061	3	3	0.103761787			
	Brain_Putamen_basal_ganglia	0.970750897				Brain_Cerebellum	1.316689058	
	0.672130483	0.672130483	-1.626883763		-0.036666528	-0.729640059		
	0.814550453	3	0	0.998207054				
CDHR2	ENSG00000074276.10	0.383768386	3	2	0.187824653			
	Brain_Caudate_basal_ganglia	0.368755141				Brain_Cortex	2.133005282	
	0.039942729	0.827051989	-1.317041683		-0.898807619	-1.145918012		
	0.219226867	2	0	0.998207054				
POLR2I	ENSG00000105258.8	0.38387434	10	6	0.048596289			
	Brain_Nucleus_accumbens_basal_ganglia	0.667904372				Brain_Cortex		
	6.646734947	0.00191434	0.365067971		-1.972116673	0.486468463		
	-1.411848497	0.805020619	6	0	0.998207054			
C4orf45	ENSG00000164123.6	0.383874682	1	1	0.383874682			
	Brain_Hippocampus	0.383874682				Brain_Hippocampus	1	1
	0.870779277	0.870779277	0.870779277		NA	1	0	0.998207054
SYVN1	ENSG00000162298.18	0.383888812	2	2	0.170066779			
	Brain_Cerebellar_Hemisphere	0.895746181				Brain_Amygdala	1.035705391	
	0.964294609	0.964294609	-0.131036819		1.371989267	0.620476224		
	1.062799938	2	0	0.998207054				
ATP5G2	ENSG00000135390.17	0.383917116	13	1	0.219395218			
	Brain_Spinal_cord_cervical_c-1	0.954400078				Brain_Amygdala	12.29671525	
	5.41E-05	12.29671525	-1.228137868		0.057182175	-0.841999835		
	0.329862896	1	0	0.998207054				
DEUP1	ENSG00000165325.13	0.383958428	2	2	0.323664143			
	Brain_Spinal_cord_cervical_c-1	0.772966305						
	Brain_Nucleus_accumbens_basal_ganglia	1.834176663				0.165823337		
	0.165823337	0.288497029	0.986956136		0.637726582	0.493885171		
	2	0	0.998207054					
ZNF700	ENSG00000196757.7	0.383959182	1	1	0.383959182			
	Brain_Cerebellar_Hemisphere	0.383959182				Brain_Cerebellar_Hemisphere	1	1
	1	0.87062456	0.87062456	0.87062456	NA	1	0	0.998207054
AFF4	ENSG00000072364.12	0.384077859	3	2	0.292069463			
	Brain_Hippocampus	0.923527203				Brain_Cerebellar_Hemisphere	2.612950213	
	0.08134523	0.305704556	-1.053592634		-0.095991651	-0.595193711		
	0.480102679	2	0	0.998207054				
ARGLU1	ENSG00000134884.13	0.384131298	1	1	0.384131298			
	Brain_Putamen_basal_ganglia	0.384131298				Brain_Putamen_basal_ganglia	1	1
	1	0.870309484	0.870309484	0.870309484	NA	1	0	
	0.998207054							
TNNI3	ENSG00000129991.12	0.38428281	4	4	0.258046331			
	Brain_Anterior_cingulate_cortex_BA24	0.828629338				Brain_Amygdala		
	2.108457898	0.271729177	0.271729177		-0.216459825	1.131020813		
	0.644542483	0.602982436	4	0	0.998207054			
NXN	ENSG00000167693.16	0.384337397	4	4	0.104963289			
	Brain_Putamen_basal_ganglia	0.983037134				Brain_Cerebellum	1.732960852	
	0.351054712	0.351054712	-1.621253473		0.021261401	-0.80567285		

	0.728480769	4	0	0.998207054				
FAM209B	ENSG00000213714.1			0.384407793	4	4	0.065737507	
	Brain_Substantia_nigra			0.879022031		Brain_Hippocampus	1.060614015	
	0.953211459	0.953211459		-1.840209358		0.817328197	-0.12457619	
	1.176738994	4	0	0.998207054				
TCERG1L	ENSG00000176769.9			0.384535742	5	5	0.200028723	
	Brain_Nucleus_accumbens_basal_ganglia			0.975172669		Brain_Putamen_basal_ganglia		
	1.980023909	0.074509999		0.074509999		-1.281469738	1.247532901	
	0.078969157	0.981087826		5	0	0.998207054		
RSPRY1	ENSG00000159579.13			0.384536985	3	3	0.180685265	
	Brain_Caudate_basal_ganglia			0.382561948		Brain_Frontal_Cortex_BA9		
	1.432304628	0.618975721		0.618975721		-1.338648084	0.873185553	
	-0.447906142	1.167027289		3	0	0.998207054		
SLC9A3R1	ENSG00000109062.11			0.384575938	2	1	0.296982782	
	Brain_Cerebellar_Hemisphere			0.488006955		Brain_Cerebellum	1.994060634	
	0.005939366	1.994060634		0.693482259		1.042925536	0.868203898	
	0.247093711	1	0	0.998207054				
ERICH5	ENSG00000177459.10			0.384594935	2	2	0.197783928	
	Brain_Substantia_nigra			0.48545577		Brain_Cerebellar_Hemisphere	1.156277317	
	0.843722683	0.843722683		-0.69755462		1.287890944	0.295168162	
	1.403922022	2	0	0.998207054				
ULK3	ENSG00000140474.12			0.384599558	2	2	0.223124793	
	Brain_Caudate_basal_ganglia			0.267794761		Brain_Putamen_basal_ganglia		
	1.423828416	0.576171584		0.576171584		1.10815528	1.218261032	
	1.163208156	0.077856524		2	0	0.998207054		
HLA-F	ENSG00000204642.13			0.384660255	4	3	0.233876584	Brain_Cerebellum
	0.967043396	Brain_Nucleus_accumbens_basal_ganglia		2.073528301				
	0.057497067	0.255664629		-1.190432148		0.523713044	-0.442402605	
	0.860124587	3	0	0.998207054				
RP11-118K6.3	ENSG00000273001.1			0.384665191	2	2	0.283196571	
	Brain_Amygdala			0.287595939		Brain_Nucleus_accumbens_basal_ganglia		
	1.194574576	0.805425424		0.805425424		-1.063410267	1.073166159	
	0.004877946	1.510787679		2	0	0.998207054		
NSMCE2	ENSG00000156831.7			0.385014139	1	1	0.385014139	
	Brain_Cortex			0.385014139		Brain_Cortex	1	1
	-0.868694703	-0.868694703		NA	1	0	0.998207054	-0.868694703
FOXRED1	ENSG00000110074.10			0.385138266	13	2	0.243016081	
	Brain_Spinal_cord_cervical_c-1			0.608968983		Brain_Hypothalamus		
	10.98568681	9.79E-06		1.019800571		-1.111725622	1.167481237	
	0.625222874	0.553901805		2	0	0.998207054		
ZIK1	ENSG00000171649.11			0.3853612	4	3	0.419118026	Brain_Amygdala
	0.95286542	Brain_Cerebellum		3.362536698		0.072525135	0.215894539	
	-0.766432653	0.807952328		0.077934979		0.665297434	3	0
	0.998207054							
LA16c-380H5.6	ENSG00000274367.1			0.385381543	4	4	0.141912104	
	Brain_Hypothalamus			0.808352685		Brain_Cerebellar_Hemisphere	2.407912979	
	0.183407382	0.183407382		0.242551722		1.468707642	0.958013293	
	0.5576382	4	0	0.998207054				
PRCD	ENSG00000214140.10			0.385492194	4	4	0.066382825	
	Brain_Anterior_cingulate_cortex_BA24			0.844499407		Brain_Cortex		
	1.783083691	0.443372184		0.443372184		-0.701924786	1.835829854	
	0.264263764	1.110048673		4	0	0.998207054		
RANBP17	ENSG00000204764.13			0.385537665	6	2	0.144352649	
	Brain_Cerebellum			0.748395301		Brain_Cortex	5.398730216	0.02974315
	0.251038676	0.320756007		1.459772354		0.746455055	0.411352601	
	2	0		0.998207054				
ZNF229	ENSG00000278318.4			0.38554418	6	6	0.066043062	
	Brain_Cerebellar_Hemisphere			0.917926669		Brain_Nucleus_accumbens_basal_ganglia		
	3.481897727	0.218652494		0.218652494		-1.838131286	-0.10304574	
	-0.844595093	0.603133735		6	0	0.998207054		
EXOSC8	ENSG00000120699.12			0.385609386	4	3	0.106881618	
	Brain_Putamen_basal_ganglia			0.522903636		Brain_Cerebellar_Hemisphere	3.26164126	

0.07003354	0.23411909	-1.612369224	-0.638875947	-1.236723662	0.44195627
3	0	0.998207054			
ZDHHC20	ENSG00000180776.15	0.385631064	3	3	0.46962116
	Brain_Putamen_basal_ganglia	0.737831614			Brain_Cerebellum
0.301895372	0.301895372	-0.723095588		0.62785226	0.079827634
0.710629997	3	0	0.998207054		
PHYKPL	ENSG00000175309.14	0.38568959	1	1	0.38568959
	Brain_Cerebellar_Hemisphere	0.38568959			Brain_Cerebellar_Hemisphere
0.867460785	0.867460785	0.867460785	NA	1	0
0.998207054					
DPYSL3	ENSG00000113657.12	0.385967301	2	2	0.173906852
	Brain_Nucleus_accumbens_basal_ganglia	0.696532335			Brain_Cerebellum
0.88460346	0.88460346	0.390005696	1.359756944	0.87488132	0.685717683
2	0	0.998207054			
SRC	ENSG00000197122.11	0.386160155	1	1	0.386160155
	Brain_Cerebellar_Hemisphere	0.386160155			Brain_Cerebellar_Hemisphere
1	0.866601932	0.866601932	0.866601932	NA	1
0.998207054					
AC012074.2	ENSG00000235072.2	0.38631067	3	3	0.085154988
	Brain_Hypothalamus	0.974061144			Brain_Nucleus_accumbens_basal_ganglia
1.442784442	0.502300132	0.502300132	-0.032515264	1.721528376	
0.7195682	0.903324997	3	0	0.998207054	
SEMA6D	ENSG00000137872.16	0.386376278	2	2	0.168223466
	Brain_Anterior_cingulate_cortex_BA24	0.958104258			Brain_Cerebellum
1.002821149	0.997178851	0.997178851	0.052532679	1.377934648	
0.715233663	0.937200721	2	0	0.998207054	
C6orf141	ENSG00000197261.11	0.386431612	5	5	0.108564462
	Brain_Cortex	0.952862188			Brain_Nucleus_accumbens_basal_ganglia
2.502927847	0.196341446	0.196341446	-0.516725615	1.604679017	
0.483491825	0.81253699	5	0	0.998207054	
LARP6	ENSG00000166173.10	0.386432628	5	2	0.393187578
	Brain_Cerebellar_Hemisphere	0.984693476			Brain_Cerebellum
0.007821087	0.457118263	-0.529847138	0.853850953	0.004719872	
0.516168962	2	0	0.998207054		
EPB42	ENSG00000166947.11	0.38643341	2	2	0.171081308
	Brain_Caudate_basal_ganglia	0.81286492			Brain_Nucleus_accumbens_basal_ganglia
1.05053572	0.94946428	0.94946428	0.236731727	1.368737616	0.802734671
0.80044904	2	0	0.998207054		
SLC5A11	ENSG00000158865.12	0.38649476	6	3	0.254326692
	Brain_Nucleus_accumbens_basal_ganglia	0.925402637			Brain_Substantia_nigra
4.607920136	0.000656064	0.529109021	-1.139903056	0.287299521	
-0.113017923	0.561549987	3	0	0.998207054	
ATP1B3	ENSG00000069849.10	0.386521798	2	2	0.175701235
	Brain_Cerebellum	0.961504246			Brain_Anterior_cingulate_cortex_BA24
1.222718184	0.777281816	0.777281816	-1.354110162	-0.048266006	
-0.701188084	0.923371258	2	0	0.998207054	
ATP9A	ENSG00000054793.13	0.386598021	3	3	0.131203576
	Brain_Anterior_cingulate_cortex_BA24	0.565430797			Brain_Putamen_basal_ganglia
1.372049029	0.632502467	0.632502467	-0.725281779	1.509372658	
0.452961542	1.122297833	3	0	0.998207054	
MAP3K13	ENSG00000073803.13	0.386742346	1	1	0.386742346
	Brain_Cortex	0.386742346			Brain_Cortex
0.865540229	0.865540229	NA	1	0	0.998207054
CFAP61	ENSG00000089101.17	0.38686775	3	3	0.190196448
	Brain_Anterior_cingulate_cortex_BA24	0.568905304			Brain_Cortex
0.11936365	0.11936365	0.569664454	1.30999819	0.868036108	2.7019902
3	0	0.998207054			0.390496054
LINC01876	ENSG00000226383.6	0.386904393	1	1	0.386904393
	Brain_Spinal_cord_cervical_c-1	0.386904393			Brain_Spinal_cord_cervical_c-1
1	1	1	0.865244887	0.865244887	0.865244887
0.998207054					NA
ABCC12	ENSG00000140798.15	0.38698396	1	1	0.38698396
	Brain_Amygdala	1	1	1	Brain_Amygdala
0.38698396	Brain_Amygdala	1	1	1	-0.8650999
					-0.8650999
					-0.8650999
					NA

1	0	0.998207054							
EFCAB7	ENSG00000203965.12	0.38726946	10	5	0.184673586				
	Brain_Nucleus_accumbens_basal_ganglia	0.906885882				Brain_Hippocampus			
	7.072087102	0.043018908	0.277765933		-0.910169237	1.326501658			
	0.205984451	0.723245093	5	0	0.998207054				
AC131097.4	ENSG00000216921.7	0.387283335	4	4	0.287928551				
	Brain_Nucleus_accumbens_basal_ganglia	0.919696157				Brain_Cortex			
	2.593683738	0.145255426	0.145255426		-1.062676787	1.055614752			
	0.187599013	0.92090048	4	0	0.998207054				
TMEM176A	ENSG00000002933.7	0.387335545	13	4	0.405334558				
	Brain_Caudate_basal_ganglia	0.92183785	Brain_Cortex	10.42374548					
	0.007930469	0.384041885	-0.832131794		0.71707859	-0.267677601			
	0.437124965	4	0	0.998207054					
TMEM156	ENSG00000121895.7	0.387348342	1	1	0.387348342				
	Brain_Cortex	0.387348342	Brain_Cortex	1	1	1	0.86443615		
	0.86443615	0.86443615	NA	1	0	0.998207054			
SYT16	ENSG00000139973.16	0.38744856	2	2	0.220115499	Brain_Cerebellum			
	0.510275641	Brain_Substantia_nigra	1.026049492		0.973950508				
	0.973950508	0.658408553	1.226221058		0.942314806	0.401504073			
	2	0	0.998207054						
FAM229A	ENSG00000225828.1	0.387472378	1	1	0.387472378				
	Brain_Anterior_cingulate_cortex_BA24	0.387472378							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.864210294				
	-0.864210294	-0.864210294	NA	1	0	0.998207054			
NMRK1	ENSG00000106733.20	0.387516223	13	1	0.193797346	Brain_Cerebellum			
	0.632089419	Brain_Hippocampus	12.37693151		0.000243913				
	12.37693151	0.47878805	1.299427248		0.843789251	0.226231215			1
	0	0.998207054							
STRC	ENSG00000242866.9	0.387562385	9	3	0.110767076				
	Brain_Caudate_basal_ganglia	0.60144203	Brain_Amygdala	7.178922678					
	0.008348012	0.48293952	-1.594754809		-0.522327923	-1.026152898			
	0.384330865	3	0	0.998207054					
PROSER1	ENSG00000120685.19	0.387637742	1	1	0.387637742				
	Brain_Caudate_basal_ganglia	0.387637742	Brain_Caudate_basal_ganglia	1	1				
	1	0.863909255	0.863909255	0.863909255	NA	1	0		
	0.998207054								
TFPT	ENSG00000105619.13	0.387656434	3	2	0.13797329	Brain_Cortex			
	0.925524524	Brain_Putamen_basal_ganglia	1.971256332		0.030179545				
	0.998564123	-1.483380708	-0.093477122		-0.937937101	0.741630695			
	2	0	0.998207054						
PSMD8	ENSG00000099341.11	0.387663723	1	1	0.387663723	Brain_Cerebellum			
	0.387663723	Brain_Cerebellum	1	1	-0.863861964	-0.863861964			
	-0.863861964	NA	1	0	0.998207054				
RP11-269G24.6	ENSG00000265971.1	0.387674395	2	2	0.171506183				
	Brain_Hippocampus	0.833941341	Brain_Caudate_basal_ganglia	1.265795193					
	0.734204807	0.734204807	-1.367380142		-0.209649374	-0.788514758			
	0.818639277	2	0	0.998207054					
LAIR2	ENSG00000167618.9	0.38789908	1	1	0.38789908	Brain_Frontal_Cortex_BA9			
	0.38789908	Brain_Frontal_Cortex_BA9	1	1	1	-0.863433658			
	-0.863433658	-0.863433658	NA	1	0	0.998207054			
SLC25A33	ENSG00000171612.6	0.387999002	1	1	0.387999002				
	Brain_Cortex	0.387999002	Brain_Cortex	1	1	1	-0.863251866		
	-0.863251866	-0.863251866	NA	1	0	0.998207054			
VAMP5	ENSG00000168899.4	0.388052138	1	1	0.388052138				
	Brain_Hypothalamus	0.388052138	Brain_Hypothalamus	1	1	1			
	-0.863155207	-0.863155207	-0.863155207	NA	1	0	0.998207054		
CCDC153	ENSG00000248712.7	0.388373673	7	5	0.138799148				
	Brain_Caudate_basal_ganglia	0.675529904	Brain_Hippocampus	4.622729684					
	0.011818659	0.185426449	0.418570703		1.480277714	0.97488451			
	0.416729426	5	0	0.998207054					
PTPN3	ENSG00000070159.13	0.388459668	1	1	0.388459668	Brain_Cerebellum			
	0.388459668	Brain_Cerebellum	1	1	1	0.86241413	0.86241413	0.86241413	

NA	1	0	0.998207054					
GLYATL2	ENSG00000156689.6	0.388562141	5	4	0.146571715			
	Brain_Anterior_cingulate_cortex_BA24	0.6356097		Brain_Cortex	2.960663116			
	0.060394435	0.401340522		-0.720905869	1.451747903		0.613137129	
	0.822474503	4	0	0.998207054				
CBLN3	ENSG00000139899.10	0.388629664	10	7	0.028320807			
	Brain_Anterior_cingulate_cortex_BA24	0.911281474		Brain_Putamen_basal_ganglia				
	5.342144732	0.032291002		0.33396997	-2.192813663		-0.111422304	
	-1.315486377	0.713872706	7	0	0.998207054			
SOX15	ENSG00000129194.7	0.388691514	4	3	0.120823457			
	Brain_Nucleus_accumbens_basal_ganglia	0.842818429		Brain_Caudate_basal_ganglia				
	3.070215551	7.66E-05		0.219977996	0.198289676		1.551326508	
	0.670897401	0.638077569	3	0	0.998207054			
CEP295NL	ENSG00000178404.9	0.388793651	1	1	0.388793651			
	Brain_Caudate_basal_ganglia	0.388793651		Brain_Caudate_basal_ganglia	1	1		
	1	0.861807147	0.861807147	0.861807147	NA	1	0	
	0.998207054							
RNF182	ENSG00000180537.12	0.388857769	3	3	0.2882582			
	Brain_Caudate_basal_ganglia	0.857233523		Brain_Hippocampus	1.927734879			
	0.076946513	0.076946513		-1.061950408	0.179896882		-0.444676863	
	0.62095583	3	0	0.998207054				
ARRDC3	ENSG00000113369.8	0.388929507	2	2	0.180732542			
	Brain_Frontal_Cortex_BA9	0.74576528		Brain_Hypothalamus	1.009409329			
	0.990590671	0.990590671		0.324228191	1.338502942		0.831365567	
	0.717200555	2	0	0.998207054				
ALDH4A1	ENSG00000159423.16	0.388946981	8	4	0.050971493			
	Brain_Putamen_basal_ganglia	0.476776741		Brain_Hypothalamus	6.553561885			
	9.92E-09	0.219050343		-1.951719695	-0.711496303		-1.367792723	
	0.462345102	4	0	0.998207054				
LATS2	ENSG00000150457.8	0.389035101	2	2	0.169412361		Brain_Cerebellum	
	0.235288281	Brain_Cerebellar_Hemisphere	1.861517524		0.138482476			
	0.138482476	-1.374094453		-1.186846227	-1.28047034		0.132404491	
	2	0	0.998207054					
TMX4	ENSG00000125827.8	0.389132562	7	5	0.078339112			
	Brain_Frontal_Cortex_BA9	0.856830145		Brain_Cerebellar_Hemisphere				
	4.446985559	0.036611187		0.264313342	-1.760405296		0.180410713	
	-0.95043613	0.708223268	5	0	0.998207054			
SKP2	ENSG00000145604.15	0.38920104	1	1	0.38920104		Brain_Cerebellum	0.38920104
	Brain_Cerebellum	1	1	-0.861067187	-0.861067187		-0.861067187	
	NA	1	0	0.998207054				
PPP2R2C	ENSG00000074211.13	0.389214404	3	3	0.190594026			
	Brain_Hypothalamus	0.769835112		Brain_Frontal_Cortex_BA9	1.121996626			
	0.863849335	0.863849335		-0.958129838	1.30882385		0.019367809	
	1.165228855	3	0	0.998207054				
RP5-1121E10.2	ENSG00000238358.2	0.389260141	1	1	0.389260141			
	Brain_Cerebellum	0.389260141		Brain_Cerebellum	1	1	1	-0.860959879
	-0.860959879	-0.860959879	NA	1	0	0.998207054		
JMY	ENSG00000152409.8	0.389272315	3	3	0.123595381			
	Brain_Nucleus_accumbens_basal_ganglia	0.690954669		Brain_Cerebellum				
	2.361012718	0.280736453		0.280736453	-0.397559839		1.539856318	
	0.708240291	0.997385599	3	0	0.998207054			
COG6	ENSG00000133103.16	0.389344622	9	2	0.475478059			
	Brain_Putamen_basal_ganglia	0.894513291		Brain_Substantia_nigra				
	7.899731849	0.004912953		0.731636881	-0.520499734		0.713594339	
	0.237560913	0.447467629	2	0	0.998207054			
CPSF7	ENSG00000149532.15	0.389368449	2	2	0.170010975		Brain_Cortex	
	0.97451857	Brain_Cerebellum	1.020511213		0.979488787		0.979488787	
	0.031941667	1.372168546		0.702055107	0.947683514		2	0
	0.998207054							
RP11-480D4.2	ENSG00000249159.6	0.389402518	3	3	0.230520273			
	Brain_Putamen_basal_ganglia	0.692942309		Brain_Substantia_nigra				
	1.155705035	0.839826505		0.839826505	0.394865287		1.199019732	

	0.876948526	0.425286939	3	0	0.998207054		
KCNC1	ENSG00000129159.7	0.38946924	1	1	0.38946924	Brain_Frontal_Cortex_BA9	
	0.38946924	Brain_Frontal_Cortex_BA9	1	1	1	0.8605803	0.8605803
	0.8605803	NA	1	0	0.998207054		
GJB3	ENSG00000188910.7	0.389478112	2	2	0.171972148		
	Brain_Cerebellar_Hemisphere	0.88764564	Brain_Spinal_cord_cervical_c-1				
	1.000689159	0.999310841	0.999310841	-0.141283935	1.365894282		
	0.612305174	1.065735938	2	0	0.998207054		
MPDZ	ENSG00000107186.16	0.389524673	1	1	0.389524673		
	Brain_Cerebellar_Hemisphere	0.389524673	Brain_Cerebellar_Hemisphere	1	1		
	1	0.860479693	0.860479693	0.860479693	NA	1	0
	0.998207054						
PWWP2B	ENSG00000171813.13	0.389574617	2	2	0.337209218		
	Brain_Amygdala	0.345583278	Brain_Substantia_nigra	1.039667135			
	0.960332865	0.960332865	-0.95969405	-0.94319088	-0.951442465		
	0.011669504	2	0	0.998207054			
KIAA1841	ENSG00000162929.13	0.389619924	2	2	0.389107077		
	Brain_Nucleus_accumbens_basal_ganglia	0.785943197	Brain_Cerebellum				
	1.639349572	0.360650428	0.360650428	-0.271582317	0.861237815		
	0.294827749	0.801024797	2	0	0.998207054		
SEC22A	ENSG00000121542.11	0.389628124	3	3	0.271742506		
	Brain_Anterior_cingulate_cortex_BA24	0.632725111					
	Brain_Nucleus_accumbens_basal_ganglia	1.497788131	0.59224239	0.59224239			
	-1.099058601	0.477894761	-0.507541639	0.859112838	3	0	
	0.998207054						
SPATA7	ENSG00000042317.16	0.389655984	13	2	0.059427999		
	Brain_Caudate_basal_ganglia	0.451526278	Brain_Cerebellum	11.59646553			
	0.006803119	0.46535328	0.752872927	1.885013616	1.210525871		
	0.33002482	2	0	0.998207054			
PPP6C	ENSG00000119414.11	0.38972898	6	3	0.097683344	Brain_Cortex	
	0.665798674	Brain_Anterior_cingulate_cortex_BA24	4.594756275				
	0.065689377	0.399583234	-0.431921217	1.656190018	0.812573064		
	0.687016033	3	0	0.998207054			
BCL10	ENSG00000142867.12	0.390092816	3	3	0.169848359		
	Brain_Putamen_basal_ganglia	0.852976537	Brain_Cerebellar_Hemisphere				
	1.261995638	0.729130995	0.729130995	-1.372691223	-0.185321931		
	-0.856474623	0.608658651	3	0	0.998207054		
RP11-266K4.9	ENSG00000215241.3	0.390323877	5	5	0.129760439		
	Brain_Nucleus_accumbens_basal_ganglia	0.612040062	Brain_Cerebellum				
	2.222740663	0.263548087	0.263548087	-1.040077122	1.51504725		
	0.278869987	1.041877569	5	0	0.998207054		
SKI	ENSG00000157933.9	0.390364653	2	2	0.30907336		
	Brain_Substantia_nigra	0.360722165	Brain_Cerebellum	1.00606117	0.99393883		
	0.99393883	-1.017168328	0.913989878	-0.051589225	1.365535063	2	
	0	0.998207054					
WDR7	ENSG00000091157.13	0.390413047	7	6	0.069551894		
	Brain_Cerebellar_Hemisphere	0.967934736	Brain_Spinal_cord_cervical_c-1				
	4.773815511	0.049742989	0.234902653	-0.139652985	1.814817932		
	0.726905961	0.68951607	6	0	0.998207054		
IRS1	ENSG00000169047.5	0.390453014	4	4	0.080222099		
	Brain_Cerebellar_Hemisphere	0.866538821	Brain_Substantia_nigra				
	1.402427452	0.717306181	0.717306181	-0.895548284	1.749398852		
	0.258538005	1.117233449	4	0	0.998207054		
EPHA7	ENSG00000135333.13	0.390480931	1	1	0.390480931		
	Brain_Nucleus_accumbens_basal_ganglia	0.390480931					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.858745519		
	-0.858745519	-0.858745519	NA	1	0	0.998207054	
MANEA	ENSG00000172469.15	0.390508367	5	4	0.030607041	Brain_Cerebellum	
	0.990017228	Brain_Anterior_cingulate_cortex_BA24	3.070410117	0.09251168			
	0.294548941	0.012511876	2.162144482	1.358328759	0.816881042		
	4	0	0.998207054				
CBR4	ENSG00000145439.11	0.390527975	4	4	0.184733413		

	Brain_Hippocampus	0.736084787		Brain_Putamen_basal_ganglia	2.785778328				
	0.224880874	0.224880874	0.3370426	1.326320943	0.886415374				
	0.480239053	4	0	0.998207054					
MEOX2	ENSG00000106511.5	0.390733232	4	4	0.143465632				
	Brain_Anterior_cingulate_cortex_BA24	0.846887783							
	Brain_Nucleus_accumbens_basal_ganglia	1.218722058		0.78125139	0.78125139				
	-1.463006383	-0.193090895	-0.857903002	0.663317732	4	0			
	0.998207054								
NDE1	ENSG00000072864.14	0.390757242	13	5	0.102825481				
	Brain_Substantia_nigra	0.901453587		Brain_Nucleus_accumbens_basal_ganglia					
	8.990084934	0.00057101	0.428593406	-0.722243905	1.631307361				
	-0.126563625	0.634395889	5	0	0.998207054				
RP11-388C12.1	ENSG00000263063.1	0.390794277	13	4	0.052714289				
	Brain_Cortex	0.940668237		Brain_Putamen_basal_ganglia	10.18178847				
	0.000137379	0.344229924	-0.549421381	1.937254108	0.750538543				
	0.619688929	4	0	0.998207054					
RP11-329B9.5	ENSG00000272922.1	0.390931853	4	4	0.11821698				
	Brain_Frontal_Cortex_BA9	0.747961917		Brain_Cerebellar_Hemisphere					
	1.763832773	0.440102088	0.440102088	-1.562301495	1.170880295				
	-0.325132124	1.131023028	4	0	0.998207054				
TFCP2	ENSG00000135457.9	0.391025954	1	1	0.391025954				
	Brain_Cerebellar_Hemisphere	0.391025954		Brain_Cerebellar_Hemisphere	1	1			
	1	-0.857758274	-0.857758274	-0.857758274	NA	1	0		
	0.998207054								
RSPO1	ENSG00000169218.13	0.391035771	1	1	0.391035771				
	Brain_Frontal_Cortex_BA9	0.391035771		Brain_Frontal_Cortex_BA9	1	1			
	1	-0.8577405	-0.8577405	-0.8577405	NA	1	0	0.998207054	
SMIM7	ENSG00000214046.8	0.391038551	7	4	0.102662093				
	Brain_Putamen_basal_ganglia	0.630778717		Brain_Cortex	5.172076249				
	0.022561252	0.210119151	0.480631086	1.632082572	1.114568974				
	0.473893802	4	0	0.998207054					
TMEM14C	ENSG00000111843.13	0.391237953	1	1	0.391237953				
	Brain_Cerebellum	0.391237953		Brain_Cerebellum	1	1	1	0.857374489	
	0.857374489	0.857374489	NA	1	0	0.998207054			
EME2	ENSG00000197774.12	0.391249241	7	5	0.468194262				
	Brain_Nucleus_accumbens_basal_ganglia	0.650985574		Brain_Putamen_basal_ganglia					
	4.168345478	0.006371815	0.439047779	-0.725420237	0.705079861				
	0.087831933	0.641251272	5	0	0.998207054				
GLIS2-AS1	ENSG00000262686.1	0.39133654	2	2	0.297344286			Brain_Cortex	
	0.375868102	Brain_Cerebellum	1.003312965	0.996687035	0.996687035				
	-1.042145371	-0.885535091	-0.963840231	0.110740191	2	0			
	0.998207054								
MYO1B	ENSG00000128641.18	0.391342355	1	1	0.391342355				
	Brain_Nucleus_accumbens_basal_ganglia	0.391342355							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.857185536				
	-0.857185536	-0.857185536	NA	1	0	0.998207054			
PDIA4	ENSG00000155660.10	0.391422217	3	3	0.138998929				
	Brain_Hippocampus	0.853824153		Brain_Cortex	1.723146967				
	0.293071798	0.293071798	0.18424131	1.479529214	0.771616192				
	0.656002874	3	0	0.998207054					
NUDT16	ENSG00000198585.11	0.391533298	1	1	0.391533298				
	Brain_Cerebellar_Hemisphere	0.391533298		Brain_Cerebellar_Hemisphere	1	1			
	1	-0.856840033	-0.856840033	-0.856840033	NA	1	0		
	0.998207054								
LINC02156	ENSG00000257906.1	0.39155503	3	3	0.130401312				
	Brain_Caudate_basal_ganglia	0.837462292		Brain_Spinal_cord_cervical_c-1					
	2.209081047	0.214296974	0.214296974	-1.512521247	-0.20514058				
	-1.05101338	0.733562099	3	0	0.998207054				
FLG	ENSG00000143631.10	0.391622748	10	2	0.325239912				
	Brain_Anterior_cingulate_cortex_BA24	0.952656059		Brain_Frontal_Cortex_BA9					
	8.494360757	0.000967095	0.854058232	-0.666161833	0.983747025				
	0.259403233	0.494892897	2	0	0.998207054				

SHCBP1	ENSG00000171241.8	0.391826269	2	1	0.386790316			
	Brain_Frontal_Cortex_BA9	0.396997279			Brain_Cortex	1.999599916		
	0.000400084	1.999599916			-0.846996129		-0.85622446	
	0.013050831	1	0	0.998207054				
PRTFDC1	ENSG00000099256.18	0.391889851	5	4	0.110381296			
	Brain_Caudate_basal_ganglia	0.879946521			Brain_Nucleus_accumbens_basal_ganglia			
	2.566410815	0.056812506	0.397008235		-1.596481667		0.187111351	
	-0.506595027	0.733480223	4	0	0.998207054			
SBK3	ENSG00000231274.5	0.391914925	2	2	0.175301842			Brain_Cerebellum
	0.297191351	Brain_Cerebellar_Hemisphere	1.844538929		0.155461071			
	0.155461071	-1.355363282	-1.042475343		-1.198919312		0.221245183	
	2	0	0.998207054					
THAP5	ENSG00000177683.13	0.391947201	12	2	0.070831596			
	Brain_Anterior_cingulate_cortex_BA24	0.501921671			Brain_Cerebellum			
	10.71865313	0.005097378	0.504831252		0.671469204		1.806555613	
	1.26772175	0.332252371	2	0	0.998207054			
CCDC84	ENSG00000186166.8	0.391996907	2	2	0.593137386			
	Brain_Hippocampus	0.884572848			Brain_Nucleus_accumbens_basal_ganglia			
	1.874037385	0.125962615	0.125962615		-0.145174818		0.534295093	
	0.194560138	0.480457782	2	0	0.998207054			
HIST1H2AE	ENSG00000277075.2	0.392013738	1	1	0.392013738			
	Brain_Spinal_cord_cervical_c-1	0.392013738			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.855971149	0.855971149		0.855971149	NA 1 0
	0.998207054							
RBFOX1	ENSG00000078328.19	0.392080508	1	1	0.392080508			
	Brain_Cerebellar_Hemisphere	0.392080508			Brain_Cerebellar_Hemisphere	1	1	
	1	0.855850446	0.855850446		0.855850446	NA	1	0
	0.998207054							
C2	ENSG00000166278.14	0.392089563	2	2	0.215473628			
	Brain_Cerebellar_Hemisphere	0.355048557			Brain_Nucleus_accumbens_basal_ganglia			
	1.298511456	0.701488544	0.701488544		0.924841121		1.238654089	
	1.081747605	0.221899277	2	0	0.998207054			
RNF146	ENSG00000118518.15	0.392135538	2	2	0.219981066			
	Brain_Putamen_basal_ganglia	0.660757122			Brain_Frontal_Cortex_BA9			
	1.132292623	0.867707377	0.867707377		-1.22657847		-0.438868086	
	-0.832723278	0.556995354	2	0	0.998207054			
UNC13B	ENSG00000198722.14	0.39216921	1	1	0.39216921			Brain_Cerebellum
	0.39216921	Brain_Cerebellum	1	1	0.855690114		0.855690114	
	0.855690114	NA	1	0	0.998207054			
VASH1	ENSG00000071246.10	0.392218324	3	3	0.144864289			Brain_Cerebellum
	0.993790889	Brain_Cerebellar_Hemisphere	1.372319311		0.644684489			
	0.644684489	-1.457913856	0.351913385		-0.371260839		0.958100353	
	3	0	0.998207054					
STIM2	ENSG00000109689.15	0.392337627	1	1	0.392337627			Brain_Cerebellum
	0.392337627	Brain_Cerebellum	1	1	1		-0.855385755	-0.855385755
	-0.855385755	NA	1	0	0.998207054			
TESK2	ENSG00000070759.16	0.392397315	8	7	0.401357485			
	Brain_Spinal_cord_cervical_c-1	0.806207878			Brain_Putamen_basal_ganglia			
	4.072458135	0.082030021	0.206956957		-0.740854065		0.839199291	
	-0.058551891	0.61412523	7	0	0.998207054			
HIST1H4K	ENSG00000273542.1	0.392464878	2	2	0.315420223			
	Brain_Anterior_cingulate_cortex_BA24	0.734901023						
	Brain_Nucleus_accumbens_basal_ganglia	1.83971758	0.16028242		0.16028242			
	0.338613351	1.003913678	0.671263515		0.470438373		2	0
	0.998207054							
TM7SF3	ENSG00000064115.10	0.392523576	10	7	0.141603931			
	Brain_Cerebellum	0.916289696			Brain_Cerebellar_Hemisphere	5.779024014		
	0.035642046	0.216143768	-1.295690855		1.469844289		0.201841224	
	0.745842822	7	0	0.998207054				
PAXBP1	ENSG00000159086.14	0.392530039	1	1	0.392530039			
	Brain_Hippocampus	0.392530039			Brain_Hippocampus	1	1	1
	0.855038129	0.855038129	0.855038129		NA	1	0	0.998207054

RETN	ENSG00000104918.7	0.39253314	1	1	0.39253314	Brain_Caudate_basal_ganglia	
	0.39253314	Brain_Caudate_basal_ganglia	1	1	0.85503253	0.85503253	
	0.85503253	NA	1	0	0.998207054		
TOMM20	ENSG00000173726.10	0.392665883		1	1	0.392665883	
	Brain_Putamen_basal_ganglia	0.392665883		Brain_Putamen_basal_ganglia	1	1	
	1	0.854792768	0.854792768	0.854792768	NA	1	0
	0.998207054						
ZNF839	ENSG00000022976.15	0.392689592	3	2	0.380240513		
	Brain_Cerebellum	0.799003189		Brain_Cerebellar_Hemisphere	2.706234023		
	0.041730385	0.252035592		-0.877453228	0.271380283		-0.28690344
	0.575096021	2	0	0.998207054			
CTDNEP1	ENSG00000175826.11	0.392707158	5	4	0.103852693		
	Brain_Putamen_basal_ganglia	0.757459826		Brain_Cerebellum	4.002571158		
	0.025136894	0.156119672		0.308818197	1.626455969		0.846420199
	0.483971462	4	0	0.998207054			
ZNF329	ENSG00000181894.14	0.392711358	5	4	0.247125049		
	Brain_Cerebellar_Hemisphere	0.69672325		Brain_Caudate_basal_ganglia	2.804027944		
	0.090092404	0.381365454		-1.157360638	0.443269293		-0.523359688
	0.640028098	4	0	0.998207054			
LAMA1	ENSG00000101680.14	0.392834805	2	2	0.172911838		
	Brain_Putamen_basal_ganglia	0.973788612		Brain_Cortex	1.053489319		
	0.946510681	0.946510681		-1.36290695	0.032857014		-0.665024968
	0.986954164	2	0	0.998207054			
CAPS2	ENSG00000180881.19	0.392842404	4	4	0.222098901		
	Brain_Caudate_basal_ganglia	0.702027826		Brain_Anterior_cingulate_cortex_BA24			
	1.943882245	0.113960774		0.113960774	-1.092313929		1.220965979
	-0.00657536	1.019649088	4	0	0.998207054		
LINC01902	ENSG00000283503.1	0.392848161	1	1	0.392848161		
	Brain_Caudate_basal_ganglia	0.392848161		Brain_Caudate_basal_ganglia	1	1	
	1	-0.854463615	-0.854463615	-0.854463615	NA	1	0
	0.998207054						
PQLC2L	ENSG00000174899.10	0.392899079	5	5	0.089645593		
	Brain_Frontal_Cortex_BA9	0.922602463		Brain_Caudate_basal_ganglia			
	2.675781328	0.134651074		0.134651074	-1.074019361		1.697270179
	0.18216587	1.040508215	5	0	0.998207054		
RPUSD4	ENSG00000165526.8	0.392923051	5	5	0.084016025		
	Brain_Caudate_basal_ganglia	0.9823954		Brain_Nucleus_accumbens_basal_ganglia			
	1.945912963	0.09004889	0.09004889	0.022065885	1.727844954		
	1.119316102	0.683006018	5	0	0.998207054		
DAPK2	ENSG00000035664.11	0.392947226	2	1	0.276002232	Brain_Cortex	
	0.551909289	Brain_Frontal_Cortex_BA9	1.9434594	0.0565406	1.9434594		
	-1.089343965	-0.594901538	-0.842122751	0.349623593	1	0	
	0.998207054						
BTN2A1	ENSG00000112763.15	0.393079791	5	5	0.196157088		
	Brain_Nucleus_accumbens_basal_ganglia	0.905734177		Brain_Frontal_Cortex_BA9			
	3.355880645	0.164407385	0.164407385	-0.185803971	1.292577898		
	0.623394772	0.66684234	5	0	0.998207054		
SCN1B	ENSG00000105711.11	0.393147434	1	1	0.393147434	Brain_Cerebellum	
	0.393147434	Brain_Cerebellum	1	1	1	-0.853923398	-0.853923398
	-0.853923398	NA	1	0	0.998207054		
FZD4	ENSG00000174804.3	0.393153323	1	1	0.393153323		
	Brain_Nucleus_accumbens_basal_ganglia	0.393153323					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.85391277	0.85391277	
	0.85391277	NA	1	0	0.998207054		
OPN4	ENSG00000122375.11	0.393164695	8	2	0.154456513	Brain_Amygdala	
	0.641221906	Brain_Hippocampus	7.08551696	0.005467893	0.523340433		
	0.465991051	1.423965315	1.146839945	0.315662033	2	0	
	0.998207054						
NAGPA-AS1	ENSG00000267072.2	0.393253824	6	6	0.099583756		
	Brain_Putamen_basal_ganglia	0.831075472		Brain_Substantia_nigra			
	1.659113298	0.587876229	0.587876229	-1.64687493	1.001158218		
	-0.481612719	0.952143182	6	0	0.998207054		

RHOG	ENSG00000177105.9	0.393273658	1	1	0.393273658			
	Brain_Putamen_basal_ganglia	0.393273658			Brain_Putamen_basal_ganglia	1	1	
	1	0.853695627	0.853695627	0.853695627	NA	1	0	
	0.998207054							
DNAJC9	ENSG00000213551.4	0.393317004	1	1	0.393317004			
	Brain_Cortex	0.393317004			Brain_Cortex	1	1	0.853617419
	0.853617419	0.853617419	NA	1	0	0.998207054		
DQX1	ENSG00000144045.13	0.393533011	1	1	0.393533011			Brain_Amygdala
	0.393533011	Brain_Amygdala	1	1	1	-0.853227762		-0.853227762
	-0.853227762	NA	1	0	0.998207054			
CDC42EP4	ENSG00000179604.9	0.393537066	2	2	0.252489228			
	Brain_Substantia_nigra	0.468690645			Brain_Anterior_cingulate_cortex_BA24			
	1.018096108	-0.981903892	0.981903892	-0.724611104	1.144324158			
	0.209856527	1.321536798	2	0	0.998207054			
FMNL3	ENSG00000161791.13	0.393596505	1	1	0.393596505			
	Brain_Cerebellar_Hemisphere	0.393596505			Brain_Cerebellar_Hemisphere	1	1	
	1	0.853113249	0.853113249	0.853113249	NA	1	0	
	0.998207054							
SOBP	ENSG00000112320.11	0.393624344	1	1	0.393624344			
	Brain_Putamen_basal_ganglia	0.393624344			Brain_Putamen_basal_ganglia	1	1	
	1	0.853063044	0.853063044	0.853063044	NA	1	0	
	0.998207054							
C15orf40	ENSG00000169609.13	0.393653493	13	2	0.131781979			
	Brain_Cerebellar_Hemisphere	0.554341543			Brain_Nucleus_accumbens_basal_ganglia			
	11.96671902	0.005377997	0.461532786	0.59126699	1.507111894			
	1.063319748	0.273035248	2	0	0.998207054			
C19orf81	ENSG00000235034.6	0.393819687	1	1	0.393819687			
	Brain_Hypothalamus	0.393819687			Brain_Hypothalamus	1	1	1
	0.852710824	0.852710824	0.852710824	NA	1	0	0.998207054	
TOX4	ENSG00000092203.13	0.393955389	11	3	0.090334053			
	Brain_Hypothalamus	0.829170978			Brain_Cortex	9.106409837		
	0.001947893	0.634420328	-1.693638209	-0.215764941	-0.758510551			
	0.460766436	3	0	0.998207054				
RP11-167B3.3	ENSG00000277987.1	0.393956849	2	2	0.261583471			
	Brain_Caudate_basal_ganglia	0.988135262			Brain_Putamen_basal_ganglia			
	1.559766781	0.440233219	0.440233219	-0.014870792	1.122656355			
	0.553892782	0.804353159	2	0	0.998207054			
PAWR	ENSG00000177425.10	0.394071109	2	2	0.172712964			
	Brain_Caudate_basal_ganglia	0.977803959			Brain_Cerebellum	1.061885658		
	0.938114342	0.938114342	0.027822201	1.363538168	0.695680185			
	0.944493818	2	0	0.998207054				
RPL10A	ENSG00000198755.10	0.394207716	8	2	0.289031962			
	Brain_Hippocampus	0.93572883			Brain_Nucleus_accumbens_basal_ganglia			
	7.342509595	0.000148519	0.250447635	0.080639276	1.060247621			
	0.637827507	0.383058745	2	0	0.998207054			
SLCO5A1	ENSG00000137571.10	0.394212598	2	2	0.24338467			Brain_Cortex
	0.861701952	Brain_Frontal_Cortex_BA9	1.405269631	0.594730369				
	0.594730369	-1.166568502	0.17420806	-0.496180221	0.948072199			2
	0	0.998207054						
ZNF883	ENSG00000228623.5	0.394214798	4	4	0.070686985			
	Brain_Nucleus_accumbens_basal_ganglia	0.875957164						
	Brain_Spinal_cord_cervical_c-1	2.225702012	0.432589322	0.432589322				
	-1.807483112	-0.156096237	-0.688467067	0.762969448	4	0		
	0.998207054							
RASD2	ENSG00000100302.6	0.394251382	4	4	0.075908509			
	Brain_Frontal_Cortex_BA9	0.941093559			Brain_Amygdala	1.404246119		
	0.66531213	0.66531213	0.073895472	1.774935673	0.86626949	0.697689724		
	4	0	0.998207054					
PKM	ENSG00000067225.17	0.394375851	1	1	0.394375851			
	Brain_Spinal_cord_cervical_c-1	0.394375851			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.851708591	0.851708591	0.851708591	NA	1
	0.998207054							0

ADAM11	ENSG00000073670.13	0.394394976	3	3	0.16654338		
	Brain_Hypothalamus	0.670986922			Brain_Cerebellar_Hemisphere	1.588342898	
	0.392973447	0.392973447	0.424793904		1.383396315	0.970854082	
	0.493051647	3	0	0.998207054			
OR2A7	ENSG00000243896.3	0.394399956	3	3	0.239042864		
	Brain_Substantia_nigra	0.955903043			Brain_Spinal_cord_cervical_c-1		
	1.688869969	0.327263812	0.327263812		-1.177382519	0.871726273	
	-0.120317251	1.026100668	3	0	0.998207054		
SAR1A	ENSG00000079332.14	0.39443778	12	5	0.202363462	Brain_Cortex	
	0.934815028	Brain_Cerebellum	9.550172093		0.00291124	0.349363871	
	-0.174277521	1.27484683	0.883137204		0.470650227	5	0
	0.998207054						
RSG1	ENSG00000132881.11	0.394512438	7	4	0.15225027		
	Brain_Nucleus_accumbens_basal_ganglia	0.917418659			Brain_Frontal_Cortex_BA9		
	4.890021835	0.035007701	0.197288526		-1.431628145	0.80103969	
	-0.12015267	0.710419732	4	0	0.998207054		
SLC25A48	ENSG00000145832.12	0.394514647	2	2	0.204783006		
	Brain_Nucleus_accumbens_basal_ganglia	0.251071408			Brain_Cerebellar_Hemisphere		
	1.583449621	0.416550379	0.416550379		-1.26804185	-1.14775091	
	-1.20789638	0.085058539	2	0	0.998207054		
ADPRHL1	ENSG00000153531.13	0.394620064	4	4	0.121970047		
	Brain_Cerebellar_Hemisphere	0.661552406			Brain_Hypothalamus	1.833868595	
	0.412411736	0.412411736	-0.437770847		1.546557242	0.580801909	
	0.820131283	4	0	0.998207054			
UMPS	ENSG00000114491.13	0.394663768	8	7	0.026453822		
	Brain_Caudate_basal_ganglia	0.939676822			Brain_Putamen_basal_ganglia		
	3.555451494	0.048921298	0.298603501		-2.219483888	0.075676061	
	-0.824709337	0.708685473	7	0	0.998207054		
SCAMP3	ENSG00000116521.10	0.394692299	1	1	0.394692299		
	Brain_Cerebellar_Hemisphere	0.394692299			Brain_Cerebellar_Hemisphere	1	1
	1	0.85113872	0.85113872	0.85113872	NA	1	0
					0.998207054		
LINC02073	ENSG00000267452.1	0.394693755	4	3	0.281468529		
	Brain_Nucleus_accumbens_basal_ganglia	0.892753379			Brain_Frontal_Cortex_BA9		
	3.006419184	0.033965455	0.112532231		-0.134821029	1.077026272	
	0.491208646	0.496925434	3	0	0.998207054		
STK32B	ENSG00000152953.12	0.39478107	1	1	0.39478107		
	Brain_Anterior_cingulate_cortex_BA24	0.39478107					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.850978908		
	-0.850978908	-0.850978908	NA	1	0	0.998207054	
TMC7	ENSG00000170537.12	0.39485854	1	1	0.39485854	Brain_Hypothalamus	
	0.39485854	Brain_Hypothalamus	1	1	1	0.850839458	0.850839458
	0.850839458	NA	1	0	0.998207054		
ZNF124	ENSG00000196418.12	0.394878528	13	7	0.190897635		
	Brain_Amygdala	0.96321967	Brain_Spinal_cord_cervical_c-1		7.37372665		
	0.000591663	0.445554284	-1.307928285		0.8196239	-0.39131795	
	0.634679083	7	0	0.998207054			
LINC00958	ENSG00000251381.7	0.394928908	2	2	0.327595382		
	Brain_Cerebellum	0.469018779			Brain_Cortex	1.208074219	0.791925781
	0.791925781	-0.978968829	0.724076486		-0.127446171	1.204234891	
	2	0	0.998207054				
SEC31B	ENSG00000075826.16	0.395169251	10	1	0.192655918		
	Brain_Caudate_basal_ganglia	0.831166205			Brain_Putamen_basal_ganglia		
	9.492029693	0.000455183	9.492029693		0.213206107	1.302762322	
	0.824025412	0.334564635	1	0	0.998207054		
IGDCC3	ENSG00000174498.13	0.39519494	3	3	0.240808581	Brain_Cerebellum	
	0.770975851	Brain_Amygdala	1.80517923		0.264055936	0.264055936	
	-0.291098677	1.172968144	0.472189684		0.734032377	3	0
	0.998207054						
ADAM9	ENSG00000168615.11	0.395302385	2	2	0.27364534		
	Brain_Caudate_basal_ganglia	0.308928625			Brain_Cortex	1.204154914	
	0.795845086	0.795845086	-1.094706271		-1.017472675	-1.056089473	
	0.054612399	2	0	0.998207054			

SPTLC1	ENSG00000090054.13	0.395380842	6	4	0.107434991		
	Brain_Hypothalamus	0.861018899				Brain_Nucleus_accumbens_basal_ganglia	
	4.162713498	0.011488164	0.228549785	-1.609829923	-0.175077294		
	-0.882512659	0.515709371	4	0	0.998207054		
ZNF154	ENSG00000179909.15	0.395483948	2	2	0.261722125		
	Brain_Frontal_Cortex_BA9	0.41614473				Brain_Putamen_basal_ganglia	1.03730774
	0.96269226	0.96269226	0.813127902	1.122330071	0.967728986		0.21863895
	2	0	0.998207054				
PRB2	ENSG00000121335.11	0.395518467	9	8	0.056121689	Brain_Amygdala	
	0.976434343	Brain_Hippocampus	3.65345125	0.107655147		0.139948439	
	-1.296422907	1.91008951	0.436099052	1.012441681	8	0	
	0.998207054						
BNIP3	ENSG00000176171.11	0.395573449	1	1	0.395573449	Brain_Cerebellum	
	0.395573449	Brain_Cerebellum1	1	1	-0.849553365	-0.849553365	
	-0.849553365	NA	1	0	0.998207054		
SNHG8	ENSG00000269893.6	0.395633847	9	5	0.070107496		
	Brain_Spinal_cord_cervical_c-1	0.982450718				Brain_Cerebellar_Hemisphere	
	6.121620173	0.022735521	0.277897922	-1.811215527	0.047035916		
	-0.95051157	0.68422624	5	0	0.998207054		
HIST1H2AC	ENSG00000180573.9	0.395637993	1	1	0.395637993		
	Brain_Hypothalamus	0.395637993				Brain_Hypothalamus	1 1 1
	0.849437322	0.849437322	0.849437322	NA	1	0	0.998207054
GCX	ENSG00000115486.11	0.395695198	12	2	0.222066458	Brain_Amygdala	
	0.943373591	Brain_Putamen_basal_ganglia	11.21413852	0.000337163			
	0.510714515	0.071030362	1.221051667	0.937175143	0.31231719	2	
	0	0.998207054					
CLK3	ENSG00000179335.18	0.395715202	1	1	0.395715202		
	Brain_Cerebellar_Hemisphere	0.395715202				Brain_Cerebellar_Hemisphere	1 1
	1	0.849298523	0.849298523	0.849298523	NA	1	0
	0.998207054						
VSTM4	ENSG00000165633.12	0.395777129	3	2	0.20527607	Brain_Hypothalamus	
	0.279446912	Brain_Cortex	2.423276293	0.080294857	0.496428849		
	1.081562642	1.266662288	1.183955301	0.094106929	2	0	
	0.998207054						
TRIM55	ENSG00000147573.16	0.39586766	5	5	0.049437126		
	Brain_Cerebellar_Hemisphere	0.870806608				Brain_Frontal_Cortex_BA9	
	1.909794475	0.201161266	0.201161266	-1.964802282	0.994406841		
	-0.410031743	1.269972734	5	0	0.998207054		
THAP10	ENSG00000129028.8	0.395941647	2	2	0.30887164	Brain_Cerebellum	
	0.347324204	Brain_Caudate_basal_ganglia	1.035591531	0.964408469			
	0.964408469	-1.017592528	-0.939792115	-0.978692321	0.0550132	2	
	0	0.998207054					
ERC2	ENSG00000187672.12	0.395980956	4	3	0.089605087	Brain_Amygdala	
	0.861287495	Brain_Caudate_basal_ganglia	1.977157482	0.039510105			
	0.980942132	-0.364420957	1.697484564	0.304561867	0.958748729		
	3	0	0.998207054				
LSMEM2	ENSG00000179564.3	0.396003649	1	1	0.396003649		
	Brain_Amygdala	0.396003649				Brain_Amygdala	1 1 1
	0.848780129	0.848780129	NA	1	0	0.998207054	0.848780129
FLJ12825	ENSG00000248265.1	0.396113126	10	10	0.119373832		
	Brain_Frontal_Cortex_BA9	0.967461236				Brain_Cerebellar_Hemisphere	
	2.352835469	0.186028181	0.186028181	-0.089529356	1.557407224		
	0.745562778	0.644458022	10	0	0.998207054		
SAP18	ENSG00000150459.12	0.396127789	2	2	0.340005252		
	Brain_Putamen_basal_ganglia	0.342686826				Brain_Nucleus_accumbens_basal_ganglia	
	1.022284645	0.977715355	0.977715355	-0.954154876	0.94886982		
	-0.002642528	1.345641667	2	0	0.998207054		
LINC01007	ENSG00000233123.1	0.39625182	1	1	0.39625182		
	Brain_Frontal_Cortex_BA9	0.39625182				Brain_Frontal_Cortex_BA9	1 1 1
	-0.848334301	-0.848334301	-0.848334301	NA	1	0	0.998207054
CACNG8	ENSG00000142408.4	0.396295419	1	1	0.396295419		
	Brain_Cortex	0.396295419				Brain_Cortex	1 1 1
							0.848255994

	0.848255994	0.848255994	NA	1	0	0.998207054			
TBC1D5	ENSG00000131374.14	0.396326654			1	1	0.396326654		
	Brain_Frontal_Cortex_BA9	0.396326654					Brain_Frontal_Cortex_BA9	1	1
	1	-0.848199899	-0.848199899	-0.848199899	NA	1	0		
	0.998207054								
SLC2A5	ENSG00000142583.17	0.396339784			3	3	0.290639078		
	Brain_Cerebellum	0.421790341					Brain_Caudate_basal_ganglia	1.098707124	
	0.86563301	0.86563301	-0.803319066		1.056720693		0.384772075		
	1.031862057	3	0		0.998207054				
SIDT1	ENSG00000072858.10	0.39636487	7	7			0.108585213		
	Brain_Anterior_cingulate_cortex_BA24	0.847018552					Brain_Cerebellar_Hemisphere		
	2.50712683	0.249783652	0.249783652				-1.604584778	0.537589115	
	-0.428557424	0.768368785	7	0			0.998207054		
TRAF3IP1	ENSG00000204104.11	0.396400641			3	3	0.376375036		
	Brain_Frontal_Cortex_BA9	0.585241439					Brain_Nucleus_accumbens_basal_ganglia		
	1.773255321	0.456239323	0.456239323				-0.545744703	0.884595127	
	0.346511952	0.7781691	3	0			0.998207054		
CTD-3051D23.3	ENSG00000259067.1	0.396439632			1	1	0.396439632		
	Brain_Cerebellum	0.396439632					Brain_Cerebellum	1	1
	0.847997017	0.847997017	NA	1	0		0.998207054		0.847997017
SH3D19	ENSG00000109686.17	0.396532645			3	2	0.245890934		
	Brain_Caudate_basal_ganglia	0.931745942					Brain_Cerebellum	2.209230544	
	0.012748978	0.778020477	-1.160387843				-0.085648374	-0.528890372	
	0.561557053	2	0		0.998207054				
RP11-62901.2	ENSG00000261220.2	0.396619054			1	1	0.396619054		
	Brain_Putamen_basal_ganglia	0.396619054					Brain_Putamen_basal_ganglia	1	1
	1	0.84767489	0.84767489	0.84767489	NA	1	0	0.998207054	
ROM1	ENSG00000149489.8	0.396767235			1	1	0.396767235		
	Brain_Spinal_cord_cervical_c-1	0.396767235					Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.847408919	-0.847408919		-0.847408919	NA	1
	0.998207054								0
QSER1	ENSG00000060749.14	0.396806152			6	5	0.13489369	Brain_Hippocampus	
	0.992399729						Brain_Caudate_basal_ganglia	4.16161894	0.130686924
	0.194881875	-0.323613914	1.495079522				0.402745	0.739924918	5
	0	0.998207054							
DRD2	ENSG00000149295.13	0.396864822			3	3	0.237621942		
	Brain_Frontal_Cortex_BA9	0.969164495					Brain_Cerebellar_Hemisphere		
	1.553432806	0.542240423	0.542240423				-1.180951622	0.702087652	
	-0.172506723	0.948628589	3	0			0.998207054		
HAGHL	ENSG00000103253.17	0.396871199			2	2	0.174164543		
	Brain_Cerebellar_Hemisphere	0.897549					Brain_Cerebellum	1.065747615	
	0.934252385	0.934252385	-0.128758177				1.358943343	0.615092583	
	1.051963833	2	0		0.998207054				
SPR	ENSG00000116096.5	0.397072037			1	1	0.397072037	Brain_Cortex	
	0.397072037	Brain_Cortex	1	1	1		-0.846862015	-0.846862015	
	-0.846862015	NA	1	0			0.998207054		
VAMP2	ENSG00000220205.8	0.397193409			9	2	0.148478411	Brain_Cerebellum	
	0.397631702	Brain_Substantia_nigra					8.399059196	0.000130936	
	0.306980976	0.845858471	1.444926931				1.186686322	0.164397368	
	2	0	0.998207054						
KCNA2	ENSG00000177301.14	0.397345525			2	2	0.217633893	Brain_Cerebellum	
	0.501699575	Brain_Hippocampus					1.083425104	0.916574896	
	0.916574896	-1.232844212	-0.671817989				-0.9523311	0.396705447	2
	0	0.998207054							
EYA3	ENSG00000158161.15	0.397393137			12	3	0.165092593		
	Brain_Hypothalamus	0.872880197					Brain_Spinal_cord_cervical_c-1		
	9.872518505	0.002038667	0.513611061				-1.388145997	0.380832153	
	-0.393760503	0.434486472	3	0			0.998207054		
PLXNB1	ENSG00000164050.12	0.39743938			1	1	0.39743938		
	Brain_Spinal_cord_cervical_c-1	0.39743938					Brain_Spinal_cord_cervical_c-1	1	
	1	1	-0.846203231	-0.846203231			-0.846203231	NA	1
	0.998207054								0

CTDSPL	ENSG00000144677.14	0.397475917	1	1	0.397475917			
	Brain_Cerebellar_Hemisphere	0.397475917			Brain_Cerebellar_Hemisphere	1	1	
	1	0.846137726	0.846137726	0.846137726	NA	1	0	
	0.998207054							
RPL28	ENSG00000108107.14	0.397493659	10	10	0.032576919			
	Brain_Hypothalamus	0.954651359			Brain_Putamen_basal_ganglia	2.423136114		
	0.458292245	0.458292245	-2.137259154	0.48676656	-0.96094812			
	0.813415996	10	0	0.998207054				
TCF12	ENSG00000140262.17	0.39759418	1	1	0.39759418			
	Brain_Spinal_cord_cervical_c-1	0.39759418			Brain_Spinal_cord_cervical_c-1	1	1	
	1	-0.845925727	-0.845925727	-0.845925727	NA	1	0	
	0.998207054							
ADAMTSL4	ENSG00000143382.14	0.397677506	3	3	0.135947222			
	Brain_Cerebellum	0.867007624			Brain_Cerebellar_Hemisphere	1.621819492		
	0.420501264	0.420501264	-0.176856391	1.491054366	0.493886201			
	0.88056619	3	0	0.998207054				
PRRT2	ENSG00000167371.17	0.39769691	3	3	0.175292476	Brain_Amygdala		
	0.435230201	Brain_Cerebellar_Hemisphere	1.894950219	0.106088274				
	0.106088274	-1.032386846	1.355392694	-0.152422384	1.31187655	3		
	0	0.998207054						
CD40	ENSG00000101017.13	0.397798133	5	5	0.064714394			
	Brain_Frontal_Cortex_BA9	0.967652375			Brain_Amygdala	3.224189809		
	0.285552352	0.285552352	-1.847225991	-0.040552849	-1.054156652			
	0.712482309	5	0	0.998207054				
SIAE	ENSG00000110013.12	0.39781906	2	2	0.212470733			
	Brain_Caudate_basal_ganglia	0.494563594			Brain_Cerebellum	1.119784433		
	0.880215567	0.880215567	0.683068445	1.246800292	0.964934369			
	0.398618612	2	0	0.998207054				
LINC01497	ENSG00000237560.5	0.398039832	6	5	0.035767539			
	Brain_Amygdala	0.780790099			Brain_Substantia_nigra	2.834891495		
	0.090292197	0.155727633	-0.278289547	2.099560288	1.066436138			
	0.84013251	5	0	0.998207054				
CACNG7	ENSG00000105605.7	0.398108716	1	1	0.398108716			
	Brain_Caudate_basal_ganglia	0.398108716			Brain_Caudate_basal_ganglia	1	1	
	1	0.845003803	0.845003803	0.845003803	NA	1	0	
	0.998207054							
RP11-398E10.1	ENSG00000258998.1	0.398132662	1	1	0.398132662			
	Brain_Substantia_nigra	0.398132662			Brain_Substantia_nigra	1	1	
	1	-0.844960914	-0.844960914	-0.844960914	NA	1	0	
	0.998207054							
RAD18	ENSG00000070950.9	0.398153488	5	5	0.173340267			
	Brain_Nucleus_accumbens_basal_ganglia	0.870846011			Brain_Hippocampus			
	2.356407523	0.333388857	0.333388857	-1.361548977	0.511517195			
	-0.346186506	0.881824595	5	0	0.998207054			
LINC01736	ENSG00000228058.1	0.398156062	2	2	0.175799464			
	Brain_Substantia_nigra	0.725796168			Brain_Amygdala	1.190107926		
	0.809892074	0.809892074	-1.353802287	0.350723001	-0.501539643			
	1.20528139	2	0	0.998207054				
CD164	ENSG00000135535.15	0.39824576	4	4	0.246016393	Brain_Cortex		
	0.795131553	Brain_Spinal_cord_cervical_c-1	2.106897665	0.1695038				
	0.1695038	-0.789986286	1.160079616	-0.144795425	0.899814522	4		
	0	0.998207054						
PODNL1	ENSG00000132000.11	0.398266813	1	1	0.398266813			
	Brain_Cerebellum	0.398266813			Brain_Cerebellum	1	1	1
	0.844720676	0.844720676	NA	1	0	0.998207054		
SBDS	ENSG00000126524.9	0.398297853	1	1	0.398297853			
	Brain_Caudate_basal_ganglia	0.398297853			Brain_Caudate_basal_ganglia	1	1	
	1	-0.844665095	-0.844665095	-0.844665095	NA	1	0	
	0.998207054							
MKRN3	ENSG00000179455.7	0.398314794	1	1	0.398314794			
	Brain_Frontal_Cortex_BA9	0.398314794			Brain_Frontal_Cortex_BA9	1	1	
	1	-0.844634762	-0.844634762	-0.844634762	NA	1	0	

0.998207054									
TNNT2	ENSG00000118194.18	0.398346156	1	1	0.398346156				
	Brain_Spinal_cord_cervical_c-1	0.398346156			Brain_Spinal_cord_cervical_c-1				
	1 1 1	0.84457861	0.84457861	0.84457861	NA	1	0	0.998207054	
AC093609.1	ENSG00000230587.1	0.398482573	1	1	0.398482573				
	Brain_Putamen_basal_ganglia	0.398482573			Brain_Putamen_basal_ganglia	1	1		
	1	-0.844334392	-0.844334392	-0.844334392	NA	1	0		
0.998207054									
FCGBP	ENSG00000275395.4	0.398538003	11	5	0.083672845			Brain_Cerebellum	
	0.790560183	Brain_Anterior_cingulate_cortex_BA24	7.713219532						
	0.000756008	0.296910052	-0.75203462	1.729761784	0.662334279				
	0.747382483	5	0	0.998207054					
RSRC1	ENSG00000174891.12	0.398640644	11	5	0.242957629				
	Brain_Substantia_nigra	0.974276419			Brain_Hypothalamus	8.034814468			
	0.046758631	0.279692312	-1.01658977	1.167626072	0.223588459				
	0.591980094	5	0	0.998207054					
ZNF260	ENSG00000254004.6	0.398678065	8	5	0.036309009				
	Brain_Anterior_cingulate_cortex_BA24	0.953462495			Brain_Substantia_nigra				
	5.774215662	0.012185694	0.197658573	-2.093449936	0.058359222				
	-0.971868402	0.654875219	5	0	0.998207054				
AC024704.2	ENSG00000244063.1	0.398739207	2	2	0.213338333				
	Brain_Hypothalamus	0.601744104			Brain_Cortex	1.01351845	0.98648155		
	0.98648155	-1.244438194	0.521894046	-0.361272074	1.248985505		2		
	0	0.998207054							
ZP3	ENSG00000188372.14	0.398787577	13	3	0.069657984				
	Brain_Frontal_Cortex_BA9	0.502644835			Brain_Substantia_nigra				
	11.21350641	0.006461946	0.393441494	0.670334099	1.814128247				
	1.408951326	0.313895596	3	0	0.998207054				
PRDM8	ENSG00000152784.15	0.398805352	3	3	0.277671461				
	Brain_Frontal_Cortex_BA9	0.660057264			Brain_Cerebellum	2.448761222			
	0.12084552	0.12084552	-1.085565069	-0.439834105	-0.845466041				
	0.353260495	3	0	0.998207054					
SART3	ENSG00000075856.11	0.398893786	1	1	0.398893786				
	Brain_Caudate_basal_ganglia	0.398893786			Brain_Caudate_basal_ganglia	1	1		
	1	-0.84359853	-0.84359853	-0.84359853	NA	1	0		
0.998207054									
SPNS1	ENSG00000169682.17	0.398903887	2	2	0.175292476				
	Brain_Nucleus_accumbens_basal_ganglia	0.908205814			Brain_Putamen_basal_ganglia				
	1.06201456	0.93798544	0.93798544	-0.115301924	1.355392694	0.620045385			
	1.039938137	2	0	0.998207054					
RHEBL1	ENSG00000167550.10	0.399285969	6	3	0.09411248				
	Brain_Frontal_Cortex_BA9	0.170037457			Brain_Putamen_basal_ganglia				
	5.124820799	7.09E-07	0.316644232	-1.6740922	-1.372083464				
	-1.567701831	0.138623603	3	0	0.998207054				
THSD1	ENSG00000136114.15	0.399340559	1	1	0.399340559			Brain_Amygdala	
	0.399340559	Brain_Amygdala	1	1	1	-0.842799552	-0.842799552		
	-0.842799552	NA	1	0	0.998207054				
GHET1	ENSG00000281189.1	0.399349697	1	1	0.399349697			Brain_Cerebellum	
	0.399349697	Brain_Cerebellum	1	1	1	0.842783215	0.842783215		
	0.842783215	NA	1	0	0.998207054				
RP11-84A19.2	ENSG00000203620.2	0.399378645	1	1	0.399378645				
	Brain_Spinal_cord_cervical_c-1	0.399378645			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.842731466	0.842731466	NA	1	0	
0.998207054									
ZNF667	ENSG00000198046.11	0.399477608	8	7	0.026200928				
	Brain_Cerebellum	0.606836654			Brain_Putamen_basal_ganglia	3.57417636			
	0.059714025	0.210287379	-2.223220608	0.51459415	-1.35592646				
	0.912252319	7	0	0.998207054					
ZNF253	ENSG00000256771.3	0.399491982	5	3	0.209435603				
	Brain_Frontal_Cortex_BA9	0.980606322			Brain_Cerebellar_Hemisphere				
	4.207522879	0.038099521	0.28930125	0.024308764	1.255118892				
	0.494878272	0.478721981	3	0	0.998207054				

NFE2L1	ENSG00000082641.15	0.399558535	1	1	0.399558535				
	Brain_Cortex	0.399558535		Brain_Cortex	1	1	1	-0.842409932	
	-0.842409932	-0.842409932	NA	1	0	0.998207054			
TRPC1	ENSG00000144935.14	0.399684697	1	1	0.399684697				
	Brain_Frontal_Cortex_BA9	0.399684697		Brain_Frontal_Cortex_BA9	1	1			
	1	-0.842184485	-0.842184485	-0.842184485	NA	1	0		
	0.998207054								
VPS33B	ENSG00000184056.14	0.39969858	4	4	0.40549687	Brain_Cerebellum			
	0.850936134	Brain_Cerebellar_Hemisphere	2.258432166		0.210263425				
	0.210263425	-0.831844238	0.80031642	0.104662787	0.759636983				4
	0	0.998207054							
DGKD	ENSG00000077044.10	0.399709705	1	1	0.399709705				
	Brain_Cerebellar_Hemisphere	0.399709705		Brain_Cerebellar_Hemisphere	1	1			
	1	0.842139801	0.842139801	0.842139801	NA	1	0		
	0.998207054								
FKBPL	ENSG00000204315.3	0.399896048	1	1	0.399896048				
	Brain_Spinal_cord_cervical_c-1	0.399896048		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.841806901	-0.841806901	-0.841806901	NA	1	0
	0.998207054								
GPX1	ENSG00000233276.3	0.399985814	11	3	0.099922735				
	Brain_Caudate_basal_ganglia	0.905437144		Brain_Hippocampus		8.579233833			
	0.000374802	0.774414887	0.118795791	1.645228322	1.145286411				
	0.478745275	3	0	0.998207054					
GIPC1	ENSG00000123159.15	0.400029051	1	1	0.400029051				
	Brain_Caudate_basal_ganglia	0.400029051		Brain_Caudate_basal_ganglia	1	1			
	1	0.841569352	0.841569352	0.841569352	NA	1	0		
	0.998207054								
C11orf54	ENSG00000182919.14	0.40020164	12	1	0.113163455	Brain_Amygdala			
	0.524012601	Brain_Putamen_basal_ganglia	11.41843664	2.30E-09					
	11.41843664	-1.584133007	-0.637172327	-0.827507641	0.247401854				
	1	0	0.998207054						
RAB30-AS1	ENSG00000246067.7	0.400210563	13	8	0.126226589				
	Brain_Hippocampus	0.979764834		Brain_Frontal_Cortex_BA9		7.800828319			
	0.085472275	0.32205684	-0.516843609	1.529152716	0.407371215				
	0.670367199	8	0	0.998207054					
GCSAML	ENSG00000169224.12	0.40024832	2	2	0.422605993				
	Brain_Frontal_Cortex_BA9	0.659322309		Brain_Hypothalamus		1.568538601			
	0.431461399	0.431461399	-0.801908321	0.440849012	-0.180529654				
	0.878762137	2	0	0.998207054					
KLB	ENSG00000134962.6	0.400319143	10	2	0.338053983				
	Brain_Putamen_basal_ganglia	0.668238284		Brain_Spinal_cord_cervical_c-1					
	8.394897211	0.002344606	0.945501289	-0.958017404	0.865260258				
	0.520398629	0.536608753	2	0	0.998207054				
PDE8B	ENSG00000113231.13	0.400360472	6	6	0.137963803	Brain_Cerebellum			
	0.89411233	Brain_Cerebellar_Hemisphere	2.745320563	0.199976808					
	0.199976808	-0.733028288	1.483416438	0.52423386	0.811196598				6
	0	0.998207054							
DDT	ENSG00000099977.13	0.400375539	11	3	0.256247137				
	Brain_Hippocampus	0.982292707		Brain_Nucleus_accumbens_basal_ganglia					
	8.601919902	0.00161795	0.62231396	-1.135305982	0.731345534				
	-0.640971621	0.564801847	3	0	0.998207054				
DNAAF5	ENSG00000164818.15	0.400428667	9	6	0.258453909				
	Brain_Substantia_nigra	0.680813992		Brain_Cerebellum		5.602183872			
	0.02636191	0.291313472	-1.130052961	0.887019316	0.351664513				
	0.710738892	6	0	0.998207054					
ZBTB48	ENSG00000204859.12	0.400480112	1	1	0.400480112				
	Brain_Nucleus_accumbens_basal_ganglia	0.400480112							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.840764084				
	-0.840764084	-0.840764084	NA	1	0	0.998207054			
GMFG	ENSG00000130755.12	0.400528529	1	1	0.400528529	Brain_Cortex			
	0.400528529	Brain_Cortex	1	1	1	0.840677677	0.840677677		
	0.840677677	NA	1	0	0.998207054				

ZNF354B	ENSG00000178338.10	0.400697945	2	2	0.178342293	
	Brain_Nucleus_accumbens_basal_ganglia	0.879926697			Brain_Putamen_basal_ganglia	
	1.013368407	0.986631593	0.986631593	0.151062141	1.345876671	
	0.748469406	0.844861457	2	0	0.998207054	
CYP2E1	ENSG00000130649.9	0.40082811	3	3	0.094448526	
	Brain_Frontal_Cortex_BA9	0.862296609			Brain_Spinal_cord_cervical_c-1	
	1.746333356	0.268814698	0.268814698	0.173451422	1.672384501	
	1.106275874	0.813978173	3	0	0.998207054	
ALMS1	ENSG00000116127.17	0.400875257	4	3	0.091761307	
	Brain_Frontal_Cortex_BA9	0.967525705			Brain_Nucleus_accumbens_basal_ganglia	
	2.003629072	0.044204274	0.943769126	-1.686179106	0.254787773	
	-0.432648926	0.8711251	3	0	0.998207054	
RAD51C	ENSG00000108384.14	0.400886109	11	2	0.429907312	
	Brain_Caudate_basal_ganglia	0.997590253			Brain_Cerebellum	10.35054273
	0.001873874	0.372992508	-0.789350272	0.213620565	-0.039359127	
	0.291248192	2	0	0.998207054		
ZNF333	ENSG00000160961.11	0.400992342	5	5	0.077191407	
	Brain_Amygdala	0.802540221			Brain_Cerebellum	1.217755416
	0.765132607	-1.19384861	1.767219908	-0.157601741	1.130102279	
	5	0	0.998207054			
GIPC3	ENSG00000179855.5	0.40101171	4	4	0.143379733	
	Brain_Spinal_cord_cervical_c-1	0.77428694			Brain_Anterior_cingulate_cortex_BA24	
	1.093507858	0.918220792	0.918220792	-1.292694211	1.463320381	
	0.260971743	1.149803923	4	0	0.998207054	
CCDC89	ENSG00000179071.4	0.401176766	2	2	0.240255975	
	Brain_Cerebellum	0.928377906			Brain_Cerebellar_Hemisphere	1.551704087
	0.448295913	0.448295913	0.089885874	1.174347225	0.63211655	
	0.766829975	2	0	0.998207054		
HIC2	ENSG00000169635.9	0.401213159	1	1	0.401213159	Brain_Cerebellum
	0.401213159	Brain_Cerebellum	1	1	0.839456555	0.839456555
	0.839456555	NA	1	0	0.998207054	
RP11-819C21.1	ENSG00000261098.1	0.401303574	9	5	0.23487323	
	Brain_Cortex	0.738841536			Brain_Putamen_basal_ganglia	5.82607876
	0.016510121	0.385104633	-1.187898932	0.546047533	-0.496485279	
	0.587643121	5	0	0.998207054		
LINC00652	ENSG00000179935.9	0.40151444	2	2	0.249483952	Brain_Amygdala
	0.504866774	Brain_Cortex	1.033886003	0.966113997	0.966113997	
	-1.151603721	-0.666851843	-0.909227782	0.34277134	2	0
	0.998207054					
NPC1	ENSG00000141458.12	0.401739721	11	6	0.030110651	
	Brain_Frontal_Cortex_BA9	0.968883105			Brain_Anterior_cingulate_cortex_BA24	
	6.967664198	0.008272759	0.277809273	-2.168631767	-0.039009136	
	-1.034392815	0.655033458	6	0	0.998207054	
ANKRD10	ENSG00000088448.14	0.401756452	5	4	0.111574127	
	Brain_Cortex	0.874064497			Brain_Cerebellar_Hemisphere	2.7059863
	0.017226558	0.391561974	-1.591157536	0.664014948	-0.343027911	
	0.925014102	4	0	0.998207054		
RP11-445H22.3	ENSG00000283440.1	0.401765802	10	7	0.283269552	
	Brain_Cerebellar_Hemisphere	0.931229718			Brain_Nucleus_accumbens_basal_ganglia	
	5.84856789	0.071418747	0.235025869	-1.073003487	1.015544445	
	0.013068565	0.624175398	7	0	0.998207054	
C11orf42	ENSG00000180878.2	0.401989601	1	1	0.401989601	
	Brain_Amygdala	0.401989601			Brain_Amygdala	1
	0.838073186	0.838073186	NA	1	0	0.998207054
SLC26A5	ENSG00000170615.14	0.402116867	3	3	0.091709567	
	Brain_Spinal_cord_cervical_c-1	0.880361861			Brain_Cerebellum	1.182004732
	0.828460543	0.828460543	-0.160415122	1.686447875	0.558847754	
	0.988827696	3	0	0.998207054		
STEAP3	ENSG00000115107.19	0.402320588	5	5	0.083943833	
	Brain_Caudate_basal_ganglia	0.918042265			Brain_Nucleus_accumbens_basal_ganglia	
	1.750822429	0.300225499	0.300225499	-0.102900092	1.728247656	
	0.883040373	0.6775918	5	0	0.998207054	

LINC00937 ENSG00000226091.7 0.402427544 13 4 0.070422501
Brain_Cortex 0.446234998 Brain_Substantia_nigra 9.535329755
0.003671297 0.457902983 -1.238602616 1.809183494 0.999237236
0.737564601 4 0 0.998207054

MMRN1 ENSG00000138722.9 0.402457042 12 5 0.062757738
Brain_Cerebellar_Hemisphere 0.993714847 Brain_Cerebellum 8.854143733
1.50E-18 0.311908447 -0.063192218 1.860903977 0.637218064
0.588425854 5 0 0.998207054

LINC00282 ENSG00000281106.2 0.402481708 6 5 0.051222659
Brain_Cortex 0.768516435 Brain_Caudate_basal_ganglia 2.999903344
0.076075179 0.144662304 -0.315234678 1.949609674 1.173087171
0.952081104 5 0 0.998207054

JAK2 ENSG00000096968.13 0.402499498 1 1 0.402499498
Brain_Frontal_Cortex_BA9 0.402499498 Brain_Frontal_Cortex_BA9 1 1
1 0.837165587 0.837165587 0.837165587 NA 1 0
0.998207054

ABCA6 ENSG00000154262.12 0.402513569 13 6 0.15381622
Brain_Cerebellar_Hemisphere 0.866192854 Brain_Amygdala 8.571818758
0.00144043 0.327944202 -0.963041693 1.426180592 0.455024332
0.66525495 6 0 0.998207054

LRRN4CL ENSG00000177363.4 0.402684065 1 1 0.402684065
Brain_Hypothalamus 0.402684065 Brain_Hypothalamus 1 1 1
-0.836837235 -0.836837235 -0.836837235 NA 1 0 0.998207054

RP11-281O15.8 ENSG00000272431.1 0.402900873 1 1 0.402900873
Brain_Putamen_basal_ganglia 0.402900873 Brain_Putamen_basal_ganglia 1 1
1 -0.836451637 -0.836451637 -0.836451637 NA 1 0
0.998207054

TRMT10A ENSG00000145331.13 0.40296574 1 1 0.40296574 Brain_Hypothalamus
0.40296574 Brain_Hypothalamus 1 1 1 -0.836336296 -0.836336296
-0.836336296 NA 1 0 0.998207054

APOL4 ENSG00000100336.17 0.403117367 10 9 0.044395315
Brain_Nucleus_accumbens_basal_ganglia 0.716269128 Brain_Amygdala
4.527162772 4.53E-17 0.196364516 -2.010339065 1.861820698
-0.847190064 1.048275942 9 0 0.998207054

TMEM236 ENSG00000148483.8 0.403170599 2 2 0.19250598 Brain_Cerebellum
0.760487048 Brain_Spinal_cord_cervical_c-1 1.030063457 0.969936543
0.969936543 0.30484127 1.303201495 0.804021382 0.705947285 2
0 0.998207054

DCST1 ENSG00000163357.10 0.403208756 2 2 0.236262296 Brain_Cerebellum
0.240327525 Brain_Cerebellar_Hemisphere 1.531182198 0.468817802
0.468817802 1.174168539 1.184380955 1.179274747 0.007221269
2 0 0.998207054

STAP2 ENSG00000178078.11 0.403414428 13 9 0.165828726
Brain_Hypothalamus 0.936925337 Brain_Cerebellum 6.376417441
0.001803168 0.408551078 -0.995440437 1.385732087 0.096847456
0.769416335 9 0 0.998207054

WFDC13 ENSG00000168634.4 0.403558459 1 1 0.403558459
Brain_Frontal_Cortex_BA9 0.403558459 Brain_Frontal_Cortex_BA9 1 1
1 -0.835282872 -0.835282872 -0.835282872 NA 1 0
0.998207054

LCN1 ENSG00000160349.9 0.403591906 4 4 0.05537688
Brain_Frontal_Cortex_BA9 0.649038041 Brain_Anterior_cingulate_cortex_BA24
1.777955483 0.402078089 0.402078089 -0.455098967 1.91590743
0.749046057 0.980217112 4 0 0.998207054

C4orf47 ENSG00000205129.8 0.403667931 2 2 0.237638845
Brain_Cerebellum 0.274345623 Brain_Cerebellar_Hemisphere 1.430427342
0.569572658 0.569572658 1.093109734 1.180909077 1.137009406
0.06208351 2 0 0.998207054

PDYN ENSG00000101327.8 0.403738893 1 1 0.403738893
Brain_Anterior_cingulate_cortex_BA24 0.403738893
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -0.834962376
-0.834962376 -0.834962376 NA 1 0 0.998207054

TNFRSF10D	ENSG00000173530.5	0.403753798	1	1	0.403753798			
	Brain_Frontal_Cortex_BA9	0.403753798			Brain_Frontal_Cortex_BA9	1	1	
	1	0.834935903	0.834935903	0.834935903	NA	1	0	
	0.998207054							
UBE2QL1	ENSG00000215218.3	0.404181287	1	1	0.404181287			
	Brain_Cerebellum	0.404181287			Brain_Cerebellum	1	1	0.834176935
	0.834176935	0.834176935	NA	1	0	0.998207054		
NEK11	ENSG00000114670.13	0.404205082	1	1	0.404205082			Brain_Cortex
	0.404205082	Brain_Cortex	1	1	1	-0.834134703		-0.834134703
	-0.834134703	NA	1	0	0.998207054			
JAKMIP3	ENSG00000188385.11	0.40431459	13	3	0.133279147			Brain_Cerebellum
	0.732926982	Brain_Caudate_basal_ganglia	10.50913665		0.012372616			
	0.473837936	0.341234594	1.501295504		1.02167891	0.386719243		3
	0	0.998207054						
ACTN1	ENSG00000072110.13	0.404346669	1	1	0.404346669			Brain_Cerebellum
	0.404346669	Brain_Cerebellum	1	1	1	0.833883442		0.833883442
	0.833883442	NA	1	0	0.998207054			
TBC1D10C	ENSG00000175463.11	0.404381884	3	2	0.331998531			
	Brain_Caudate_basal_ganglia	0.92297701	Brain_Nucleus_accumbens_basal_ganglia					
	2.611249606	0.048070961	0.340679434		-0.096684424			0.970096225
	0.408486293	0.535625127	2	0	0.998207054			
LINC01668	ENSG00000283051.1	0.404470179	7	7	0.21589861			
	Brain_Putamen_basal_ganglia	0.983082575	Brain_Frontal_Cortex_BA9					
	1.724952742	0.254728002	0.254728002		-0.821606423			1.237507828
	0.058770574	0.776613737	7	0	0.998207054			
RP11-108M9.4	ENSG00000238142.1	0.404473911	12	9	0.03319682			
	Brain_Putamen_basal_ganglia	0.805257538	Brain_Cerebellum	6.611522844				
	0.070237141	0.246568697	-0.634320549		2.129694785			1.378651363
	0.907849987	9	0	0.998207054				
NAXE	ENSG00000163382.11	0.404479564	13	2	0.116495293			
	Brain_Anterior_cingulate_cortex_BA24	0.687687295	Brain_Cerebellar_Hemisphere					
	11.74692291	0.001324538	0.398574353		-1.569655439			-0.401995559
	-0.851583778	0.367255242	2	0	0.998207054			
RP11-12D24.10	ENSG00000272866.1	0.404489804	1	1	0.404489804			
	Brain_Substantia_nigra	0.404489804	Brain_Substantia_nigra	1	1			
	1	0.833629486	0.833629486	0.833629486	NA	1	0	
	0.998207054							
DCST2	ENSG00000163354.14	0.404537613	12	5	0.045488174			
	Brain_Spinal_cord_cervical_c-1	0.512158082	Brain_Frontal_Cortex_BA9					
	9.132831944	0.004983826	0.390820069		0.655481052			2.000111978
	1.350299538	0.336482103	5	0	0.998207054			
PTPRH	ENSG00000080031.9	0.404593716	7	2	0.233378586			
	Brain_Frontal_Cortex_BA9	0.658158519	Brain_Cerebellum	5.752276585				
	6.47E-17	0.99897412	-1.191700796		0.791106224			0.386934272
	0.706802907	2	0	0.998207054				
IFT122	ENSG00000163913.11	0.404702845	12	2	0.138223448			
	Brain_Anterior_cingulate_cortex_BA24	0.880538194	Brain_Cerebellum					
	10.64324579	0.004434686	0.593514153		-1.482439283			0.273777094
	-0.792758728	0.488580562	2	0	0.998207054			
STMN4	ENSG00000015592.16	0.404930803	9	6	0.056891254			
	Brain_Hypothalamus	0.650961333	Brain_Caudate_basal_ganglia	4.791239646				
	0.000647603	0.212239405	-1.904145374		0.980106568			-1.033360288
	0.901637393	6	0	0.998207054				
EHBP1	ENSG00000115504.14	0.404941358	1	1	0.404941358			
	Brain_Hypothalamus	0.404941358	Brain_Hypothalamus	1	1	1		
	-0.832828678	-0.832828678	-0.832828678	NA	1	0		0.998207054
SF1	ENSG00000168066.20	0.405097324	1	1	0.405097324			
	Brain_Caudate_basal_ganglia	0.405097324	Brain_Caudate_basal_ganglia	1	1			
	1	-0.832552204	-0.832552204	-0.832552204	NA	1	0	
	0.998207054							
SDS	ENSG00000135094.10	0.405114203	2	2	0.207498817			
	Brain_Frontal_Cortex_BA9	0.653025087	Brain_Nucleus_accumbens_basal_ganglia					

	1.014044203	0.985955797	0.985955797	0.449563673	1.260472903
	0.855018288	0.573399416	2 0	0.998207054	
GALNT3	ENSG00000115339.13	0.405144633	9 8	0.008289912	
	Brain_Frontal_Cortex_BA9	0.733158929		Brain_Putamen_basal_ganglia	
	4.086072984	0.028923733	0.162593212	-0.34092648	2.64002822
	1.309673738	0.842386016	8 0	0.998207054	
CTDSP2	ENSG00000175215.10	0.40524329	1 1	0.40524329	Brain_Cerebellum
	0.40524329	Brain_Cerebellum1	1 1	0.832293516	0.832293516
	0.832293516	NA 1 0		0.998207054	
NINL	ENSG00000101004.14	0.405465921	8 4	0.106444937	
	Brain_Nucleus_accumbens_basal_ganglia	0.9362855		Brain_Putamen_basal_ganglia	
	6.109283155	0.005435289	0.273786383	-0.079939341	1.614380417
	0.988545167	0.613959745	4 0	0.998207054	
SMG9	ENSG00000105771.13	0.405529504	1 1	0.405529504	
	Brain_Cerebellar_Hemisphere	0.405529504		Brain_Cerebellar_Hemisphere1	1
	1 0.831786432	0.831786432	0.831786432	NA 1 0	
	0.998207054				
OSBPL7	ENSG00000006025.11	0.405699897	2 2	0.255214574	
	Brain_Nucleus_accumbens_basal_ganglia	0.516672574		Brain_Cerebellum	
	1.056552017	0.943447983	0.943447983	-1.137774695	0.648483044
	-0.244645825	1.26307496	2 0	0.998207054	
LINC00921	ENSG00000281005.1	0.405764726	10 4	0.062505385	
	Brain_Putamen_basal_ganglia	0.533975492		Brain_Frontal_Cortex_BA9	
	7.731250512	1.77E-05	0.420622851	-1.862693611	-0.621948865
	-1.489278633	0.377089957	4 0	0.998207054	
BABAM1	ENSG00000105393.15	0.405833055	1 1	0.405833055	
	Brain_Anterior_cingulate_cortex_BA24	0.405833055			
	Brain_Anterior_cingulate_cortex_BA24	1 1	1	0.831248865	
	0.831248865	0.831248865	NA 1 0	0.998207054	
EYA4	ENSG00000112319.17	0.405843622	4 4	0.175845602	
	Brain_Spinal_cord_cervical_c-1	0.727037633		Brain_Cortex	2.217073021
	0.278435126	0.278435126	-1.353657722	0.349068834	-0.5581641
	0.729486323	4 0		0.998207054	
RAB36	ENSG00000100228.12	0.405850159	10 2	0.179310846	Brain_Cortex
	0.990633645	Brain_Cerebellar_Hemisphere	8.369605551	0.001819907	
	0.937188063	-0.641950433	1.342879961	0.230734909	0.583407442
	2 0	0.998207054			
C11orf96	ENSG00000187479.5	0.405995127	1 1	0.405995127	
	Brain_Cortex	0.405995127	Brain_Cortex	1 1 1	-0.830961946
	-0.830961946	-0.830961946	NA 1 0	0.998207054	
GRK3	ENSG00000100077.14	0.406078379	4 4	0.182889167	
	Brain_Caudate_basal_ganglia	0.548668105		Brain_Hippocampus	1.896349401
	0.140393704	0.140393704	-1.33191182	0.599757135	-0.58685315
	0.8387658	4 0		0.998207054	
SDK1	ENSG00000146555.18	0.406359293	2 2	0.259478845	Brain_Cerebellum
	0.567578527	Brain_Hypothalamus	1.132679591	0.867320409	
	0.867320409	0.571621352	1.127623767	0.849622559	0.393153078
	2 0	0.998207054			
HSD17B14	ENSG00000087076.8	0.406435641	5 3	0.09221383	Brain_Cerebellum
	0.935113979	Brain_Nucleus_accumbens_basal_ganglia	3.09826042	0.013915485	
	0.578131486	-1.68383361	-0.081412411	-0.619435072	0.657050156
	3 0	0.998207054			
TSPYL1	ENSG00000189241.6	0.406514601	3 2	0.460869514	
	Brain_Cerebellum	0.926217886	Brain_Cortex	2.789131708	0.084257193
	0.1266111	-0.737415826	-0.092604353	-0.400141188	0.323432701
	0	0.998207054			2
DLL4	ENSG00000128917.6	0.406529964	1 1	0.406529964	
	Brain_Substantia_nigra	0.406529964		Brain_Substantia_nigra	1 1
	1 -0.8300156	-0.8300156	-0.8300156	NA 1 0	0.998207054
TACR3	ENSG00000169836.4	0.406530018	2 2	0.293113526	
	Brain_Spinal_cord_cervical_c-1	0.331812128		Brain_Cortex	1.137722088
	0.862277912	0.862277912	-1.051315902	-0.970470288	-1.010893095

	0.057166482	2	0	0.998207054					
CNOT11	ENSG00000158435.7			0.406566668	2	2	0.179720892		
	Brain_Anterior_cingulate_cortex_BA24			0.935376346			Brain_Hypothalamus		
	1.067259529	0.932740471		0.932740471			-1.341614901		-0.081082496
	-0.711348698	0.891331012		2	0	0.998207054			
CCDC107	ENSG00000159884.11			0.406569861	1	1	0.406569861		
	Brain_Cortex			0.406569861			Brain_Cortex	1	1
	0.829945035	0.829945035		NA	1	0	0.998207054		0.829945035
CD109	ENSG00000156535.13			0.406840372	1	1	0.406840372		
	Brain_Nucleus_accumbens_basal_ganglia			0.406840372					
	Brain_Nucleus_accumbens_basal_ganglia	1		1	1		0.829466701		
	0.829466701	0.829466701		NA	1	0	0.998207054		
NBPF11	ENSG00000263956.6			0.406878057	10	4	0.18183748		
	Brain_Cerebellar_Hemisphere			0.975814639			Brain_Putamen_basal_ganglia	7.02304961	
	7.43E-07	0.272621913		-1.335118762			0.89944913		0.456619448
	0.699381631	4	0	0.998207054					
CLEC12B	ENSG00000256660.5			0.4069064	2	2	0.225652015		
	Brain_Spinal_cord_cervical_c-1			0.525293072			Brain_Putamen_basal_ganglia		
	1.050542074	0.949457926		0.949457926			-1.211635301		-0.635207531
	-0.923421416	0.407595985		2	0	0.998207054			
PIGBOS1	ENSG00000225973.3			0.406914944	9	4	0.075741447		
	Brain_Anterior_cingulate_cortex_BA24			0.980134766			Brain_Hypothalamus		
	6.637751811	0.000731491		0.355236717			-0.50660726		1.775948252
	0.093856919	0.663409006		4	0	0.998207054			
GPR45	ENSG00000135973.2			0.406929372	1	1	0.406929372		
	Brain_Cerebellar_Hemisphere			0.406929372			Brain_Cerebellar_Hemisphere	1	1
	1	0.829309367		0.829309367			NA	1	0
	0.998207054								
DCAF1	ENSG00000145041.15			0.406932601	1	1	0.406932601		
	Brain_Hippocampus			0.406932601			Brain_Hippocampus	1	1
	-0.829303659	-0.829303659		-0.829303659			NA	1	0
									0.998207054
CD320	ENSG00000167775.10			0.406938936	1	1	0.406938936		
	Brain_Cerebellar_Hemisphere			0.406938936			Brain_Cerebellar_Hemisphere	1	1
	1	-0.82929246		-0.82929246			NA	1	0
	0.998207054								
FAM120B	ENSG00000112584.13			0.407225943	8	5	0.04942707		Brain_Cortex
	0.775278191	Brain_Cerebellum	4.5726752	0.031404799			0.190756767		
	-0.285477695	1.964889143		1.159273777			0.79204214	5	0
	0.998207054								
ICK	ENSG00000112144.15			0.407336984	5	4	0.053590965		
	Brain_Hippocampus			0.307716871			Brain_Amygdala	3.554268852	
	0.036397434	0.135316564		-1.930128118			-1.020024437		-1.439115827
	0.43561697	4	0	0.998207054					
DNM3	ENSG00000197959.13			0.407382141	3	2	0.196462119		
	Brain_Substantia_nigra			0.503711175			Brain_Cerebellar_Hemisphere		
	2.104140844	0.013118165		0.882740991			-0.67823321		1.291696936
	-0.018399392	1.134586795		2	0	0.998207054			
CYP27C1	ENSG00000186684.12			0.407510535	1	1	0.407510535		
	Brain_Cortex			0.407510535			Brain_Cortex	1	1
	-0.828282494	-0.828282494		NA	1	0	0.998207054		-0.828282494
NDUFA12	ENSG00000184752.12			0.407530356	2	2	0.208241248		
	Brain_Substantia_nigra			0.680936251			Brain_Spinal_cord_cervical_c-1		
	1.038576885	0.961423115		0.961423115			-1.258416277		-0.411185866
	-0.834801072	0.599082369		2	0	0.998207054			
LDAH	ENSG00000118961.14			0.407741957	13	4	0.30175357		Brain_Hippocampus
	0.937079463	Brain_Cerebellum	9.876618544				0.007845376		0.474648061
	-0.976560969	1.032680226		-0.297877102			0.533227309		4
	0.998207054								0
EXOSC5	ENSG00000077348.8			0.407749761	6	5	0.140136168		
	Brain_Substantia_nigra			0.763911695			Brain_Cerebellum	3.097557714	
	0.006642593	0.155155245		-0.596033584			1.475284142		0.577318707
	0.728355827	5	0	0.998207054					

TMOD2	ENSG00000128872.9	0.407863313	3	3	0.208352302	Brain_Cerebellum
	0.607020311	Brain_Putamen_basal_ganglia	1.214104669	0.77561254	0.77561254	
	-0.514331401	1.258109101	0.509571326	0.917744914	3	0
	0.998207054					
C17orf53	ENSG00000125319.14	0.407915245	1	1	0.407915245	
	Brain_Cerebellum	0.407915245	Brain_Cerebellum	1	1	0.827567915
	0.827567915	0.827567915	NA	1	0	0.998207054
SLX1B	ENSG00000181625.17	0.407957799	3	3	0.206964424	
	Brain_Cerebellar_Hemisphere	0.558286681	Brain_Cortex	1.24453609		
	0.792115226	0.792115226	-1.261956544	0.688878628		-0.386155392
	0.990560331	3	0	0.998207054		
MMP17	ENSG00000198598.6	0.408079264	1	1	0.408079264	Brain_Cerebellum
	0.408079264	Brain_Cerebellum	1	1	-0.827278435	-0.827278435
	-0.827278435	NA	1	0	0.998207054	
ORMDL1	ENSG00000128699.13	0.408114086	13	1	0.222158937	
	Brain_Putamen_basal_ganglia	0.700112693	Brain_Anterior_cingulate_cortex_BA24			
	12.0608239	0.001607455	12.0608239	0.385168347	1.220807437	
	0.796473968	0.209841256	1	0	0.998207054	
RP11-105C19.2	ENSG00000260973.1	0.40812187	1	1	0.40812187	
	Brain_Cerebellar_Hemisphere	0.40812187	Brain_Cerebellar_Hemisphere	1	1	1
	0.82720325	0.82720325	0.82720325	NA	1	0
	0.998207054					
ZNF131	ENSG00000172262.11	0.408131743	1	1	0.408131743	
	Brain_Cerebellum	0.408131743	Brain_Cerebellum	1	1	0.827185828
	0.827185828	0.827185828	NA	1	0	0.998207054
PDLIM3	ENSG00000154553.13	0.408306909	2	2	0.214396332	
	Brain_Hypothalamus	0.623979762	Brain_Cortex	1.007853171		
	0.992146829	0.992146829	-1.241567085	0.490217835		-0.375674625
	1.22455686	2	0	0.998207054		
SYT10	ENSG00000110975.8	0.408372221	3	3	0.099321082	
	Brain_Frontal_Cortex_BA9	0.417884617	Brain_Cortex	1.798159749		
	0.248410632	0.248410632	0.810096672	1.648153958		1.103681387
	0.472010106	3	0	0.998207054		
PCDHA7	ENSG00000204963.5	0.408510796	8	6	0.331190723	
	Brain_Cerebellar_Hemisphere	0.811407829	Brain_Putamen_basal_ganglia	5.23931369		
	0.091377721	0.273490742	-0.959909464	0.971718274		0.101232707
	0.675678852	6	0	0.998207054		
RASA4B	ENSG00000170667.14	0.408664203	3	3	0.483030513	
	Brain_Cortex	0.70652879	Brain_Spinal_cord_cervical_c-1	2.027653312		
	0.342747359	0.342747359	-0.64397615	0.70143672		-0.106353843
	0.712233889	3	0	0.998207054		
LRRC73	ENSG00000204052.4	0.408924209	4	4	0.116741245	
	Brain_Cortex	0.968178747	Brain_Caudate_basal_ganglia	1.860849454		
	0.284729375	0.284729375	-0.039892604	1.56859969		0.673700334
	0.66909889	4	0	0.998207054		
LSM7	ENSG00000130332.14	0.409003204	13	3	0.181175261	
	Brain_Hypothalamus	0.86908877	Brain_Spinal_cord_cervical_c-1	10.73841379		
	1.23E-16	0.422586628	-1.337145153	-0.164816051		-0.349201994
	0.3151055	3	0	0.998207054		
ERFE	ENSG00000178752.15	0.409041241	2	1	0.313387169	
	Brain_Cerebellar_Hemisphere	0.531127667	Brain_Cerebellum	1.959656432		
	0.040343568	1.959656432	-1.008140184	-0.626285543		-0.817212864
	0.270012006	1	0	0.998207054		
FBXW10	ENSG00000171931.12	0.409115779	5	5	0.10883395	
	Brain_Nucleus_accumbens_basal_ganglia	0.969061625	Brain_Cerebellum			
	1.941466917	0.179656199	0.179656199	-1.603456301		0.35454022
	-0.30032541	0.753523541	5	0	0.998207054	
CSMD2	ENSG00000121904.17	0.409169314	7	4	0.127746646	Brain_Cerebellum
	0.998675467	Brain_Substantia_nigra	3.933030066	4.19E-07		
	0.684574349	-1.091036849	1.523048203	-0.203245123		1.097335901
	4	0	0.998207054			
RP11-480D4.6	ENSG00000272049.1	0.4093027	7	7	0.086116634	
	Brain_Caudate_basal_ganglia	0.979515014	Brain_Cerebellum	1.425544639		

	0.53537284	0.53537284	-1.71624815		1.62573369	-0.107235695		1.054822594
	7	0	0.998207054					
TSPYL5	ENSG00000180543.4		0.409326773		4	4	0.134917956	
	Brain_Cerebellar_Hemisphere	0.346451315					Brain_Anterior_cingulate_cortex_BA24	
	2.191291829	0.128257166	0.128257166			-1.494986535	0.941494875	
	-0.783864676	1.159459866	4	0		0.998207054		
FGFRL1	ENSG00000127418.14		0.409337469		3	3	0.195168689	
	Brain_Cerebellum	0.876200085					Brain_Anterior_cingulate_cortex_BA24	
	1.639573257	0.60005809	0.60005809		-1.295439415	0.429769134		
	-0.236627408	0.927134595	3	0		0.998207054		
LINC00900	ENSG00000246100.3		0.409374139		9	5	0.057064596	
	Brain_Substantia_nigra	0.574464796					Brain_Anterior_cingulate_cortex_BA24	
	6.441095145	1.05E-19	0.348864461		0.561488165	1.902815717		
	1.276791788	0.408521257	5	0		0.998207054		
GPX7	ENSG00000116157.5		0.409399235		2	2	0.491672382	
	Brain_Cerebellar_Hemisphere	0.711086176					Brain_Spinal_cord_cervical_c-1	
	1.6812806	0.3187194	0.3187194		-0.687651319	0.370397715	-0.158626802	
	0.748153647	2	0		0.998207054			
TEX101	ENSG00000131126.18		0.409441816		4	4	0.051625551	
	Brain_Cerebellum	0.807394032					Brain_Cerebellar_Hemisphere	1.146738355
	0.865599488	0.865599488	-0.348756939		1.946243048	0.528253056		
	0.987684558	4	0		0.998207054			
BCAS3	ENSG00000141376.22		0.409479013		1	1	0.409479013	
	Brain_Spinal_cord_cervical_c-1	0.409479013					Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.824810803	0.824810803	0.824810803	NA	1
	0.998207054							0
ELOVL1	ENSG00000066322.14		0.409496385		1	1	0.409496385	
	Brain_Cerebellum	0.409496385			1	1	1	-0.824780208
	-0.824780208	-0.824780208	NA	1	0	0.998207054		
EEF1G	ENSG00000254772.9		0.409642344		2	2	0.720414898	Brain_Cortex
	0.730763232		Brain_Nucleus_accumbens_basal_ganglia	1.861945385				
	0.138054615	0.138054615	-0.357904346		0.344110439	-0.006896954		
	0.496399415	2	0		0.998207054			
EBAG9	ENSG00000147654.14		0.409653644		4	4	0.192859419	
	Brain_Hypothalamus	0.533885669					Brain_Spinal_cord_cervical_c-1	
	1.872522945	0.170275233	0.170275233		-1.077869079	1.302166661		
	0.427411157	1.042261877	4	0		0.998207054		
PCCA	ENSG00000175198.15		0.409709767		1	1	0.409709767	
	Brain_Nucleus_accumbens_basal_ganglia	0.409709767						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.824404486			
	-0.824404486	-0.824404486	NA	1	0	0.998207054		
LINC00499	ENSG00000251372.5		0.409717135		13	12	0.048198375	
	Brain_Amygdala	0.919770547			Brain_Putamen_basal_ganglia	2.858988205		
	0.05316579	0.25760344	-1.975615207		1.43692811	-0.32807627	0.901771435	
	12	0	0.998207054					
EIF3B	ENSG00000106263.17		0.409726026		4	4	0.201028156	
	Brain_Hypothalamus	0.76840386					Brain_Cortex	2.691057296
	0.113956544	-1.278627799	0.452520252		-0.189691583	0.798611974		
	4	0	0.998207054					
NPY4R	ENSG00000204174.7		0.409999579		1	1	0.409999579	Brain_Cerebellum
	0.409999579		Brain_Cerebellum	1	1	1	0.823894371	0.823894371
	0.823894371	NA	1	0		0.998207054		
CBWD2	ENSG00000136682.14		0.410046819		8	3	0.095071948	
	Brain_Cerebellar_Hemisphere	0.298579394					Brain_Frontal_Cortex_BA9	
	6.805470857	0.000272253	0.323594099		1.039484649	1.669229286		
	1.440254817	0.19454514	3	0		0.998207054		
BSPRY	ENSG00000119411.10		0.410073792		3	2	0.292907048	
	Brain_Frontal_Cortex_BA9	0.75720241					Brain_Anterior_cingulate_cortex_BA24	
	2.766800563	0.009991724	0.223207713		-1.051765724	-0.309156595		
	-0.75859774	0.395200019	2	0		0.998207054		
DHRS4	ENSG00000157326.18		0.410149259		5	5	0.09578144	Brain_Cortex
	0.498962318		Brain_Cerebellum	1.777900227		0.538310401	0.538310401	

	-0.915702522	1.66565856	0.391062003		1.127874931	5	0
	0.998207054						
LAT	ENSG00000213658.11	0.410188374	3	2	0.182731608		
	Brain_Putamen_basal_ganglia	0.313446916			Brain_Frontal_Cortex_BA9		
	2.730073747	7.55E-08	0.269926177		1.008015719	1.332391397	
	1.116144118	0.187275637	2	0	0.998207054		
RP11-285A1.1	ENSG00000260988.1	0.410261368		2	2	0.349078672	
	Brain_Putamen_basal_ganglia	0.371851335				Brain_Nucleus_accumbens_basal_ganglia	
	1.060472331	0.939527669	0.939527669		-0.8930109	0.936377861	
	0.021683481	1.293573199	2	0	0.998207054		
CTLA4	ENSG00000163599.14	0.41026857	1	1	0.41026857	Brain_Cerebellum	0.41026857
	Brain_Cerebellum	1	1		-0.823421096	-0.823421096	-0.823421096
	NA	1	0		0.998207054		
SIGLEC9	ENSG00000129450.8	0.41027093	1	1	0.41027093	Brain_Cerebellum	
	0.41027093	Brain_Cerebellum	1	1	0.823416946	0.823416946	
	0.823416946	NA	1	0	0.998207054		
PDIA5	ENSG00000065485.19	0.410312033	1	1	0.410312033	Brain_Cortex	
	0.410312033	Brain_Cortex	1	1	1	0.823344644	0.823344644
	0.823344644	NA	1	0	0.998207054		
PDXP	ENSG00000241360.1	0.410340946	2	2	0.181961179		
	Brain_Hippocampus	0.945748181			Brain_Spinal_cord_cervical_c-1		
	1.050379882	0.949620118	0.949620118		-0.06804705	1.334740848	
	0.633346899	0.991920836	2	0	0.998207054		
MCM2	ENSG00000073111.13	0.410609855	2	2	0.241898971		
	Brain_Anterior_cingulate_cortex_BA24	0.552189431			Brain_Hippocampus		
	1.039227936	0.960772064	0.960772064		-0.594482519	1.170253495	
	0.287885488	1.247856802	2	0	0.998207054		
SIRT3	ENSG00000142082.14	0.410676929	10	5	0.048533198		
	Brain_Substantia_nigra	0.473131695			Brain_Anterior_cingulate_cortex_BA24		
	7.100330893	0.00523817	0.303516071		0.717392907	1.972669772	
	1.355303923	0.408584488	5	0	0.998207054		
RP11-255C15.3	ENSG00000260743.1	0.410738228		2	2	0.430405585	
	Brain_Cerebellar_Hemisphere	0.696151295			Brain_Cerebellum	1.59825253	0.40174747
	0.40174747	-0.7884978	0.390521047		-0.198988377	0.833692222	2
	0.998207054						0
KYAT3	ENSG00000137944.17	0.41076702	12	1	0.30195243		
	Brain_Anterior_cingulate_cortex_BA24	0.598346906			Brain_Putamen_basal_ganglia		
	11.12916745	0.002718457	11.12916745		0.526779233	1.032255524	
	0.791467134	0.145995535	1	0	0.998207054		
PBX1	ENSG00000185630.18	0.410781509	1	1	0.410781509		
	Brain_Putamen_basal_ganglia	0.410781509			Brain_Putamen_basal_ganglia	1	1
	1	0.82251912	0.82251912	0.82251912	NA	1	0
	0.998207054						
TMTC3	ENSG00000139324.11	0.410864165	3	2	0.146014141	Brain_Cerebellum	
	0.821105238	Brain_Caudate_basal_ganglia	1.96618631	0.03385199	0.9999617		
	-0.226123667	1.453755369	0.791036809		0.894270763	2	0
	0.998207054						
TMEM17	ENSG00000186889.9	0.411012971	8	5	0.029338925		
	Brain_Cerebellum	0.779073104			Brain_Spinal_cord_cervical_c-1	4.58748739	
	0.033788257	0.577685763	-2.178902325		0.280527143	-1.173161736	
	0.911804116	5	0		0.998207054		
KSR2	ENSG00000171435.13	0.411093226	1	1	0.411093226		
	Brain_Caudate_basal_ganglia	0.411093226			Brain_Caudate_basal_ganglia	1	1
	1	-0.821971309	-0.821971309	-0.821971309	NA	1	0
	0.998207054						
LPAR2	ENSG00000064547.13	0.411102725	3	3	0.105194291		
	Brain_Spinal_cord_cervical_c-1	0.527480228			Brain_Amygdala	1.914447786	
	0.096511054	0.096511054	-1.620176856		1.516621855	-0.245137383	
	1.603758296	3	0		0.998207054		
CACNA1G	ENSG00000006283.17	0.411176251	2	2	0.280900637		
	Brain_Hippocampus	0.436549293			Brain_Frontal_Cortex_BA9	1.005571299	
	0.994428701	0.994428701	0.778033451		1.078298341	0.928165896	
	0.21231934	2	0		0.998207054		

EBNA1BP2	ENSG00000117395.12	0.411177121	3	3	0.140716054			
	Brain_Substantia_nigra	0.918296792				Brain_Nucleus_accumbens_basal_ganglia		
	1.744186775	0.44007608	0.44007608	-0.469711194	1.473129748			
	0.300279718	1.032172143	3	0	0.998207054			
PIP5KL1	ENSG00000167103.11	0.411286351	4	3	0.330151102			
	Brain_Caudate_basal_ganglia	0.749541804				Brain_Spinal_cord_cervical_c-1		
	2.817623767	0.070215987	0.200491773	-0.971465753	0.973809568			
	0.230850684	0.845178639	3	0	0.998207054			
PEX5	ENSG00000139197.10	0.411343538	11	2	0.562878765			
	Brain_Nucleus_accumbens_basal_ganglia	0.997512458				Brain_Caudate_basal_ganglia		
	10.25960716	0.000917717	0.342409233	-0.278166582	0.57857087			
	0.150143572	0.267566396	2	0	0.998207054			
PTPN12	ENSG00000127947.15	0.411421403	9	6	0.373764815			
	Brain_Frontal_Cortex_BA9	0.882370114				Brain_Caudate_basal_ganglia		
	5.880216274	0.029512641	0.213414414	-0.642144309	0.889443427			
	0.179224038	0.604437689	6	0	0.998207054			
B3GAT2	ENSG00000112309.10	0.41145428	1	1	0.41145428			
	Brain_Putamen_basal_ganglia	0.41145428	Brain_Putamen_basal_ganglia	1	1	1		
	0.821337101	0.821337101	0.821337101	NA	1	0	0.998207054	
ZDHHC18	ENSG00000204160.11	0.411469843	1	1	0.411469843			
	Brain_Cortex	0.411469843	Brain_Cortex	1	1	1	-0.821309772	
	-0.821309772	-0.821309772	NA	1	0	0.998207054		
CXADR	ENSG00000154639.18	0.41149316	2	2	0.182655389	Brain_Cerebellum		
	0.256424233	Brain_Cerebellar_Hemisphere	1.849097393	0.150902607				
	0.150902607	1.134883264	1.332623501	1.233753383	0.139823463			
	2	0	0.998207054					
LIPJ	ENSG00000204022.9	0.411507435	2	2	0.184440883			
	Brain_Anterior_cingulate_cortex_BA24	0.873674263				Brain_Cerebellar_Hemisphere		
	1.02947158	0.97052842	0.97052842	0.158993159	1.327204987	0.743099073		
	0.826050505	2	0	0.998207054				
TAPBP1	ENSG00000139192.11	0.411599646	13	2	0.336353441			
	Brain_Hippocampus	0.984190444	Brain_Hypothalamus	11.91532855				
	3.71E-05	0.447843768	-0.961395311	0.037134102	-0.216879972			
	0.298460402	2	0	0.998207054				
TKT	ENSG00000163931.15	0.411692324	8	3	0.131034349			
	Brain_Frontal_Cortex_BA9	0.720257674				Brain_Spinal_cord_cervical_c-1		
	6.827876589	0.005000454	0.35133746	-1.510035568	-0.358114439			
	-0.752727887	0.36663209	3	0	0.998207054			
MED7	ENSG00000155868.7	0.411704491	2	2	0.247637688			
	Brain_Hippocampus	0.305647678	Brain_Hypothalamus	1.349537916				
	0.650462084	0.650462084	-1.156106278	-1.024397255	-1.090251766			
	0.093132343	2	0	0.998207054				
IQCD	ENSG00000166578.9	0.411818076	1	1	0.411818076			
	Brain_Hypothalamus	0.411818076	Brain_Hypothalamus	1	1	1		
	0.82069841	0.82069841	0.82069841	NA	1	0	0.998207054	
IGSF8	ENSG00000162729.13	0.4118753	4	3	0.076844101			
	Brain_Cerebellar_Hemisphere	0.770771275	Brain_Caudate_basal_ganglia					
	1.981222648	0.022160653	0.89962281	-1.769298333	0.291366183			
	-0.841180058	0.955450944	3	0	0.998207054			
MSH6	ENSG00000116062.14	0.411998902	3	3	0.198181197			
	Brain_Nucleus_accumbens_basal_ganglia	0.987112177	Brain_Cerebellar_Hemisphere					
	1.74358813	0.469035838	0.469035838	-0.727114268	1.286750695			
	0.191929873	1.018374245	3	0	0.998207054			
CDC16	ENSG00000130177.14	0.412018559	5	4	0.215241828	Brain_Cerebellum		
	0.874249927	Brain_Putamen_basal_ganglia	3.758069756	0.065509377				
	0.166301061	-1.239279986	0.324276512	-0.515830963	0.7165995	4		
	0	0.998207054						
C3orf58	ENSG00000181744.8	0.412088871	1	1	0.412088871			
	Brain_Hypothalamus	0.412088871	Brain_Hypothalamus	1	1	1		
	-0.820223214	-0.820223214	-0.820223214	NA	1	0	0.998207054	
SLC26A3	ENSG00000091138.12	0.412127074	1	1	0.412127074			
	Brain_Cerebellar_Hemisphere	0.412127074	Brain_Cerebellar_Hemisphere	1	1			

1	0.820156188	0.820156188	0.820156188	NA	1	0
	0.998207054					
MCFD2	ENSG00000180398.11	0.412469159	13	1	0.287108838	
	Brain_Nucleus_accumbens_basal_ganglia	0.650665822				
	Brain_Anterior_cingulate_cortex_BA24	12.17347533			0.000263705	
	12.17347533	-1.06448546	-0.452837412		-0.792485842	0.165548348
1	0	0.998207054				
PPFIA4	ENSG00000143847.15	0.412812486	4	4	0.103730901	
	Brain_Frontal_Cortex_BA9	0.653000329			Brain_Cerebellar_Hemisphere	
	1.859787776	0.153924045	0.153924045		-1.627029176	-0.449598002
	-0.947769893	0.498396421	4	0	0.998207054	
LINC01354	ENSG00000231768.1	0.412843335	5	4	0.077286167	
	Brain_Cerebellum	0.845891121			Brain_Putamen_basal_ganglia	2.768184937
	0.073830313	0.199629427	-1.766654145		-0.194363687	-0.787848544
	0.624013072	4	0	0.998207054		
FPGT	ENSG00000254685.6	0.412889073	5	4	0.180787637	
	Brain_Spinal_cord_cervical_c-1	0.923574461			Brain_Cortex	3.110949877
	0.091451905	0.141555378	-1.048045424		1.338333835	0.132244821
	0.885781732	4	0	0.998207054		
EXOC2	ENSG00000112685.13	0.412910054	3	3	0.101452937	Brain_Cerebellum
	0.969830189	Brain_Spinal_cord_cervical_c-1	1.394737808		0.761721174	0.761721174
	0.761721174	-0.037821266	1.637850244		0.711608336	0.851713389
3	0	0.998207054				
AMBRA1	ENSG00000110497.14	0.412981432	1	1	0.412981432	
	Brain_Hypothalamus	0.412981432			Brain_Hypothalamus	1 1 1
	0.818658234	0.818658234	0.818658234	NA	1	0
	0.998207054					
ANKRD36B	ENSG00000196912.12	0.412987513	11	5	0.141890888	
	Brain_Substantia_nigra	0.863401025			Brain_Frontal_Cortex_BA9	
	7.220345004	6.73E-05	0.269082122		-0.645198464	1.468785834
	-0.015719762	0.780222068	5	0	0.998207054	
PLPP5	ENSG00000147535.16	0.413075667	6	1	0.271125556	
	Brain_Hypothalamus	0.782722164			Brain_Cerebellar_Hemisphere	5.670790894
	0.005336881	5.670790894	-1.100474221		-0.275773337	-0.795337887
	0.315532138	1	0	0.998207054		
PTGFRN	ENSG00000134247.9	0.413094936	2	2	0.212311525	
	Brain_Cerebellum	0.481903799			Brain_Frontal_Cortex_BA9	1.201793818
	0.798206182	0.798206182	-1.247234504		-0.703243846	-0.975239175
	0.384659483	2	0	0.998207054		
STARD9	ENSG00000159433.11	0.413216684	1	1	0.413216684	
	Brain_Cerebellar_Hemisphere	0.413216684			Brain_Cerebellar_Hemisphere	1 1
	1	0.818246086	0.818246086	0.818246086	NA	1
	0.998207054					
ERVV-1	ENSG00000269526.1	0.413424279	1	1	0.413424279	
	Brain_Cerebellar_Hemisphere	0.413424279			Brain_Cerebellar_Hemisphere	1 1
	1	0.817882508	0.817882508	0.817882508	NA	1
	0.998207054					
DCP2	ENSG00000172795.15	0.413522809	4	3	0.602524157	Brain_Cerebellum
	0.902351046	Brain_Putamen_basal_ganglia	3.224590292		0.044471515	
	0.237139943	-0.520774086	0.518076159		-0.080079031	0.49087822 3
	0	0.998207054				
RPL29	ENSG00000162244.10	0.413602227	6	5	0.148561594	
	Brain_Anterior_cingulate_cortex_BA24	0.93639021			Brain_Cerebellar_Hemisphere	
	3.824235389	0.061181276	0.194676858		-1.444630882	0.734678207
	0.150741703	0.816079327	5	0	0.998207054	
CABLES2	ENSG00000149679.11	0.413645523	5	4	0.128649214	
	Brain_Hippocampus	0.944421107			Brain_Hypothalamus	2.587036621
	0.057284116	0.58255538	-1.519450199		0.320534868	-0.707545002
	0.824446566	4	0	0.998207054		
COQ8A	ENSG00000163050.16	0.413751884	3	3	0.14905012	Brain_Cortex
	0.681970093	Brain_Cerebellum	1.848879929		0.154679177	0.154679177
	-1.442894759	0.64935637	-0.127920714	1.145083933	3	0
	0.998207054					

TDP1	ENSG00000042088.13	0.413804548	2	2	0.475280674			
	Brain_Cerebellar_Hemisphere	0.788553454			Brain_Cerebellum	1.717460045		
	0.282539955	0.282539955	-0.713913491		0.268189503		-0.222861994	
	0.694451687	2	0	0.998207054				
NEK2	ENSG00000117650.12	0.413886106	1	1	0.413886106			
	Brain_Hypothalamus	0.413886106			Brain_Hypothalamus	1	1	1
	-0.81707406	-0.81707406	-0.81707406		NA	1	0	0.998207054
C17orf100	ENSG00000256806.5	0.413933068	7	3	0.114763201			
	Brain_Cerebellar_Hemisphere	0.616422665			Brain_Frontal_Cortex_BA9			
	5.474689798	0.021174086	0.311592777		-1.577140498		-0.500926765	
	-1.15474573	0.445124372	3	0	0.998207054			
TICRR	ENSG00000140534.13	0.414009952	2	2	0.299003955			
	Brain_Substantia_nigra	0.304486052			Brain_Spinal_cord_cervical_c-1			
	1.209431084	0.790568916	0.790568916		1.026860721		1.038571739	
	1.03271623	0.00828094	2	0	0.998207054			
ARSK	ENSG00000164291.16	0.414081192	1	1	0.414081192			
	Brain_Nucleus_accumbens_basal_ganglia	0.414081192						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.816732714			
	0.816732714	0.816732714	NA	1	0	0.998207054		
CDHR1	ENSG00000148600.14	0.414238346	12	4	0.095903073			
	Brain_Cerebellar_Hemisphere	0.965841709			Brain_Anterior_cingulate_cortex_BA24			
	9.289537037	0.004536712	0.320431641		0.042824155		1.665048535	
	1.054263977	0.479049932	4	0	0.998207054			
ZNF516	ENSG00000101493.10	0.41434461	3	3	0.196670723			Brain_Cortex
	0.709075629	Brain_Cerebellum	1.068939586		0.886669884		0.886669884	
	-1.291095042	-0.373097837	-0.921104988		0.484197566		3	0
	0.998207054							
PCDHB14	ENSG00000120327.6	0.414364072	3	3	0.101083371			
	Brain_Hippocampus	0.478516495			Brain_Cerebellar_Hemisphere	1.967884036		
	0.158365022	0.158365022	0.708690606		1.639623995		1.03104623	
	0.527353372	3	0	0.998207054				
CRIM1	ENSG00000150938.9	0.414364924	2	2	0.190666926			
	Brain_Cerebellar_Hemisphere	0.328159761			Brain_Cerebellum	1.839628895		
	0.160371105	0.160371105	0.977827271		1.308608718		1.143217995	
	0.233897805	2	0	0.998207054				
SEC31A	ENSG00000138674.16	0.414369516	1	1	0.414369516			
	Brain_Cortex	0.414369516			Brain_Cortex	1	1	1
	0.816228401	0.816228401	NA	1	0	0.998207054		0.816228401
RP11-396O20.2	ENSG00000254645.1	0.414427297	1	1	0.414427297			
	Brain_Amygdala	0.414427297			Brain_Amygdala	1	1	1
	0.816127359	0.816127359	NA	1	0	0.998207054		0.816127359
RBAKDN	ENSG00000273313.1	0.414494313	4	2	0.759410567			
	Brain_Hypothalamus	0.830917496			Brain_Nucleus_accumbens_basal_ganglia			
	3.841881891	0.002692458	0.133159733		-0.304673919		0.306254911	
	-0.1158472	0.283874022	2	0	0.998207054			
ZGPAT	ENSG00000197114.11	0.414794168	2	2	0.285538074			
	Brain_Cerebellar_Hemisphere	0.911256742			Brain_Cerebellum	1.523520958		
	0.476479042	0.476479042	-0.111453495		1.067961067		0.478253786	
	0.833972034	2	0	0.998207054				
EPM2AIP1	ENSG00000178567.7	0.4148415	2	2	0.191482953			
	Brain_Putamen_basal_ganglia	0.602812332			Brain_Amygdala	1.225795177		
	0.774204823	0.774204823	0.520360506		1.306204707		0.913282606	
	0.555675764	2	0	0.998207054				
RPS14	ENSG00000164587.11	0.414915675	4	2	0.191810652			Brain_Amygdala
	0.478449054	Brain_Hippocampus	3.2278841		1.51E-07		0.729479864	
	-1.305241425	-0.708799265	-0.915751812		0.281536572		2	0
	0.998207054							
OR13A1	ENSG00000256574.6	0.414959317	5	4	0.127810287			
	Brain_Hippocampus	0.86842351			Brain_Amygdala	2.985744354		0.021497149
	0.27431127	-1.522793859	1.504670108		0.230900548		1.273717585	4
	0	0.998207054						
LINC01574	ENSG00000248859.2	0.415031295	3	3	0.126747272			

	Brain_Frontal_Cortex_BA9	0.783145989		Brain_Substantia_nigra			
	1.175389933	0.777324161	0.777324161	-0.275221606	1.527055256		
	0.718209435	0.915207216	3	0	0.998207054		
TSPAN19	ENSG00000231738.10	0.415226788	2	2	0.320001152		
	Brain_Cerebellum	0.634927183		Brain_Frontal_Cortex_BA9	1.348906279		
	0.651093721	0.651093721	0.474803297	0.994455516	0.734629407		
	0.367449608	2	0	0.998207054			
RPS6	ENSG00000137154.12	0.415288595	3	3	0.148992626	Brain_Cortex	
	0.728655639	Brain_Cerebellar_Hemisphere	1.741455288	0.40065205	0.40065205		
	-1.443098854	0.491212369	-0.201657367	1.077538029	3	0	
	0.998207054						
ALKBH4	ENSG00000160993.3	0.415385456	1	1	0.415385456		
	Brain_Cerebellum	0.415385456	Brain_Cerebellum	1	1	1	-0.814453054
	-0.814453054	-0.814453054	NA	1	0	0.998207054	
PARPBP	ENSG00000185480.11	0.415431616	1	1	0.415431616		
	Brain_Nucleus_accumbens_basal_ganglia	0.415431616					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.81437245	0.81437245	
	0.81437245	NA	1	0	0.998207054		
CHTF18	ENSG00000127586.16	0.415458549	4	4	0.130564948		
	Brain_Amygdala	0.924830841	Brain_Nucleus_accumbens_basal_ganglia				
	2.383772516	0.374691914	0.374691914	-1.511877819	0.825238476		
	-0.158145868	0.982798559	4	0	0.998207054		
SMARCA4	ENSG00000127616.17	0.415587369	2	2	0.395067054		
	Brain_Caudate_basal_ganglia	0.521636441	Brain_Frontal_Cortex_BA9				
	1.360927862	0.639072138	0.639072138	-0.850464204	0.640824919		
	-0.104819642	1.054500652	2	0	0.998207054		
RP11-108M9.3	ENSG00000228549.3	0.415604572	7	7	0.052580285		
	Brain_Hippocampus	0.891913863	Brain_Hypothalamus	1.92798719	0.28912425		
	0.28912425	-0.932702618	1.938352061	0.365135782	0.989343039	7	
	0	0.998207054					
PRSS51	ENSG00000253649.3	0.415624399	6	6	0.09113531		
	Brain_Frontal_Cortex_BA9	0.958301568	Brain_Hypothalamus	1.704826975			
	0.389389662	0.389389662	-1.391990418	1.68943912	0.021993072		
	1.022018899	6	0	0.998207054			
PERM1	ENSG00000187642.9	0.415699587	3	3	0.098373505		
	Brain_Anterior_cingulate_cortex_BA24	0.731934347	Brain_Cortex				
	1.797254748	0.266272823	0.266272823	0.342553556	1.652790515		
	1.141065446	0.700617751	3	0	0.998207054		
LINC01352	ENSG00000238078.1	0.41578734	11	9	0.049889861		
	Brain_Hypothalamus	0.892150921	Brain_Caudate_basal_ganglia	4.688364131			
	1.71E-07	0.271383441	-0.778259276	1.960907101	0.7676221		
	0.868504901	9	0	0.998207054			
RP11-256L6.5	ENSG00000283422.1	0.415860962	1	1	0.415860962		
	Brain_Cerebellar_Hemisphere	0.415860962	Brain_Cerebellar_Hemisphere	1	1		
	1	-0.813622992	-0.813622992	-0.813622992	NA	1	0
	0.998207054						
CATSPER1	ENSG00000175294.5	0.415886795	1	1	0.415886795		
	Brain_Anterior_cingulate_cortex_BA24	0.415886795					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.813577914		
	0.813577914	0.813577914	NA	1	0	0.998207054	
CTSC	ENSG00000109861.15	0.415894294	4	4	0.099671155		
	Brain_Nucleus_accumbens_basal_ganglia	0.945441304	Brain_Cortex				
	2.813128371	0.143386685	0.143386685	0.068432559	1.646449957		
	0.727640927	0.677288184	4	0	0.998207054		
RCOR3	ENSG00000117625.13	0.415918188	1	1	0.415918188		
	Brain_Caudate_basal_ganglia	0.415918188	Brain_Caudate_basal_ganglia	1	1		
	1	0.813523135	0.813523135	0.813523135	NA	1	0
	0.998207054						
KCTD21	ENSG00000188997.7	0.416045259	13	3	0.189341289		
	Brain_Spinal_cord_cervical_c-1	0.999274842	Brain_Cerebellum	11.34784888			
	0.000270102	0.651741282	-1.312530242	0.035874143	-0.392924502		
	0.362123751	3	0	0.998207054			

DNER	ENSG00000187957.7	0.416232185	3	3	0.091988206		
	Brain_Hypothalamus	0.938140634			Brain_Putamen_basal_ganglia	1.07667606	
	0.948988147	0.948988147	0.077607051		1.685001897	0.627273181	
	0.9162561	3	0	0.998207054			
N4BP2	ENSG00000078177.13	0.41625505	1	1	0.41625505	Brain_Cerebellum	0.41625505
	Brain_Cerebellum	1	1	0.812935483	0.812935483	0.812935483	
	NA	1	0	0.998207054			
FBXO31	ENSG00000103264.17	0.416444555	2	2	0.186618387		
	Brain_Cerebellum	0.27247475	Brain_Cerebellar_Hemisphere	1.864721418			
	0.135278582	0.135278582	-1.320649118		-1.097381287	-1.209015203	
	0.157874197	2	0	0.998207054			
CLDN9	ENSG00000213937.3	0.416674457	9	2	0.167017222		
	Brain_Anterior_cingulate_cortex_BA24	0.658046062					
	Brain_Nucleus_accumbens_basal_ganglia	7.943205384			0.00465445	0.401261347	
	0.442612472	1.381851761	1.144954533		0.279168692	2	0
	0.998207054						
AC099552.3	ENSG00000228521.2	0.41681203	4	4	0.053988914		
	Brain_Spinal_cord_cervical_c-1	0.442730922			Brain_Caudate_basal_ganglia		
	2.570640478	0.198316486	0.198316486		-1.926925507	0.876320377	
	-0.804676651	1.216770083	4	0	0.998207054		
CRAMP1	ENSG00000007545.15	0.416833817	3	3	0.119467424		
	Brain_Cortex	0.912152627	Brain_Cerebellum	1.886826163		0.136310062	
	0.136310062	-1.557012894	0.110323744		-0.561549698	0.879508734	
	3	0	0.998207054				
RP11-266K4.14	ENSG00000275367.1	0.416843923	2	2	0.193092051		
	Brain_Cerebellar_Hemisphere	0.463718112	Brain_Cerebellum	1.395687337			
	0.604312663	0.604312663	-1.3014863		-0.732738214	-1.017112257	
	0.402165628	2	0	0.998207054			
FAM208B	ENSG00000108021.19	0.417070361	2	2	0.327824802		
	Brain_Cerebellum	0.378008244	Brain_Putamen_basal_ganglia	1.008254376			
	0.991745624	0.991745624	-0.978504631		-0.881572108	-0.930038369	
	0.068541644	2	0	0.998207054			
WASHC3	ENSG00000120860.10	0.417139105	10	4	0.275830752		
	Brain_Putamen_basal_ganglia	0.951933824	Brain_Nucleus_accumbens_basal_ganglia				
	7.1149613	0.033635418	0.376920169		-1.089733052	0.374078321	
	-0.38717975	0.50798691	4	0	0.998207054		
SLC13A3	ENSG00000158296.13	0.417247783	10	3	0.169157951		
	Brain_Hippocampus	0.980180344	Brain_Caudate_basal_ganglia	8.325878638			
	0.000543714	0.398786227	-0.661196173		1.374914506	-0.089410704	
	0.571247325	3	0	0.998207054			
TSEN34	ENSG00000170892.10	0.417274841	1	1	0.417274841		
	Brain_Hypothalamus	0.417274841	Brain_Hypothalamus	1	1	1	
	-0.811158176	-0.811158176	-0.811158176		NA	1	0
	0.998207054						
CSNK1G3	ENSG00000151292.17	0.417397244	2	2	0.21536638	Brain_Cerebellum	
	0.909138718	Brain_Cerebellar_Hemisphere	1.428296401		0.571703599		
	0.571703599	0.114124984	1.238943616		0.6765343	0.795366883	2
	0	0.998207054					
GALNT8	ENSG00000130035.6	0.417625381	1	1	0.417625381		
	Brain_Cerebellar_Hemisphere	0.417625381	Brain_Cerebellar_Hemisphere	1	1		
	1	0.810547841	0.810547841		0.810547841	NA	1
	0.998207054						
SYT14	ENSG00000143469.18	0.417854892	4	4	0.184037091		
	Brain_Spinal_cord_cervical_c-1	0.717908907	Brain_Amygdala	2.943149319			
	0.165807104	0.165807104	-1.328426981		0.361254897	-0.555708883	
	0.702239595	4	0	0.998207054			
APBA3	ENSG00000011132.11	0.417856889	1	1	0.417856889	Brain_Cerebellum	
	0.417856889	Brain_Cerebellum	1	1	1	0.810144922	0.810144922
	0.810144922	NA	1	0	0.998207054		
PDIK1L	ENSG00000175087.9	0.417979327	5	4	0.360336637		
	Brain_Cerebellum	0.531087461	Brain_Anterior_cingulate_cortex_BA24				
	3.644428095	0.007097674	0.163323339		-0.872122063	0.914723819	
	0.465614878	0.756266012	4	0	0.998207054		

ZNF470	ENSG00000197016.11	0.417988093	12	6	0.064048073				
	Brain_Cortex	0.9559218	Brain_Amygdala	8.832972035	0.001967614				
	0.352839744	-1.851845077	-0.055271961	-0.916707404	0.59323327	6			
	0	0.998207054							
RP11-471B22.3	ENSG00000275198.1	0.418002105	6	4	0.131484134				
	Brain_Cerebellar_Hemisphere	0.765482159	Brain_Nucleus_accumbens_basal_ganglia						
	4.539178346	0.061810762	0.255458279	-0.298289576	1.508275098				
	0.705488114	0.601438694	4	0	0.998207054				
ZNF227	ENSG00000131115.15	0.418002209	2	2	0.217242924				
	Brain_Spinal_cord_cervical_c-1	0.684891376	Brain_Cerebellar_Hemisphere						
	1.052492849	0.947507151	0.947507151	-1.23389261	0.405797526				
	-0.414047542	1.159436014	2	0	0.998207054				
RP3-395M20.9	ENSG00000228037.1	0.418012682	4	3	0.115904506				
	Brain_Nucleus_accumbens_basal_ganglia	0.725439676	Brain_Substantia_nigra						
	1.999528573	0.02278048	0.973518877	-1.572198575	0.677153625				
	-0.012853413	1.048095906	3	0	0.998207054				
KCMF1	ENSG00000176407.17	0.418135587	1	1	0.418135587				
	Brain_Substantia_nigra	0.418135587	Brain_Substantia_nigra	1	1				
	1	-0.809660047	-0.809660047	-0.809660047	NA	1	0		
	0.998207054								
CCDC59	ENSG00000133773.11	0.418278078	1	1	0.418278078				
	Brain_Substantia_nigra	0.418278078	Brain_Substantia_nigra	1	1				
	1	0.809412216	0.809412216	0.809412216	NA	1	0		
	0.998207054								
QSOX2	ENSG00000165661.16	0.418396582	5	4	0.143606852				
	Brain_Frontal_Cortex_BA9	0.929245376	Brain_Cerebellum	3.0767891					
	0.060769023	0.504437163	-0.088794315	1.462490477	0.676272449				
	0.618821923	4	0	0.998207054					
PTK6	ENSG00000101213.6	0.418408109	7	6	0.16428421				
	Brain_Putamen_basal_ganglia	0.822137175	Brain_Spinal_cord_cervical_c-1						
	2.574185531	0.080075214	0.518526017	-1.265847315	1.390806176				
	-0.173367322	1.044960391	6	0	0.998207054				
TTC13	ENSG00000143643.12	0.418488506	2	2	0.240251353	Brain_Cerebellum			
	0.364710007	Brain_Nucleus_accumbens_basal_ganglia	1.279136113						
	0.720863887	0.720863887	-1.174358769	0.906426774	-0.133965998				
	1.471337568	2	0	0.998207054					
CCZ1	ENSG00000122674.11	0.41851243	13	6	0.052454221				
	Brain_Nucleus_accumbens_basal_ganglia	0.926343967	Brain_Cerebellar_Hemisphere						
	9.362345296	0.041730069	0.35155454	-1.939387094	0.153430891				
	-0.622853784	0.555663228	6	0	0.998207054				
YBX3	ENSG00000060138.12	0.418548092	1	1	0.418548092				
	Brain_Spinal_cord_cervical_c-1	0.418548092	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.808942725	-0.808942725	-0.808942725	NA	1	0
	0.998207054								
HCG11	ENSG00000228223.2	0.418558788	1	1	0.418558788	Brain_Cerebellum			
	0.418558788	Brain_Cerebellum	1	1	0.80892413	0.80892413	0.80892413	0.80892413	
	NA	1	0	0.998207054					
RP11-320M2.1	ENSG00000257135.5	0.418562305	1	1	0.418562305				
	Brain_Caudate_basal_ganglia	0.418562305	Brain_Caudate_basal_ganglia	1	1				
	1	-0.808918016	-0.808918016	-0.808918016	NA	1	0		
	0.998207054								
ACCS	ENSG00000110455.13	0.4186554	13	5	0.03548542	Brain_Hippocampus			
	0.517627027	Brain_Substantia_nigra	9.830309633	0.032634601					
	0.367168753	-2.102775261	-0.647007596	-1.49818217	0.395535485				
	5	0	0.998207054						
BORCS7	ENSG00000166275.15	0.418731461	13	3	0.042980252				
	Brain_Caudate_basal_ganglia	0.367116892	Brain_Substantia_nigra	10.5013104					
	0.00764522	0.433385302	-2.023901849	-0.901887011	-1.486681641				
	0.336758611	3	0	0.998207054					
MADCAM1	ENSG00000099866.14	0.418736709	8	5	0.392143535				
	Brain_Spinal_cord_cervical_c-1	0.87396157	Brain_Cortex	4.746023044					
	0.035729848	0.306302386	-0.799235733	0.85573652	0.087422971				

0.594976591	5	0	0.998207054						
SDCCAG3	ENSG00000165689.16	0.418774201	1	1	0.418774201				
	Brain_Spinal_cord_cervical_c-1	0.418774201			Brain_Spinal_cord_cervical_c-1				
	1	1	-0.808549712	-0.808549712	-0.808549712	NA	1	0	
	0.998207054								
HLX	ENSG00000136630.12	0.418891185	2	2	0.268181645				
	Brain_Cerebellar_Hemisphere	0.734325841			Brain_Cerebellum	1.309378571			
	0.690621429	0.690621429	-0.33937687		1.107259741	0.383941435			
	1.022926558	2	0	0.998207054					
FAM47E	ENSG00000189157.13	0.419044688	13	2	0.080047134				
	Brain_Frontal_Cortex_BA9	0.457827883			Brain_Cortex	11.98856914			
	0.000719261	0.527181088	-1.750412654		-0.742428293	-1.261402042			
	0.270495104	2	0	0.998207054					
SMARCD2	ENSG00000108604.15	0.419058457	1	1	0.419058457				
	Brain_Nucleus_accumbens_basal_ganglia	0.419058457							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.808055805				
	-0.808055805	-0.808055805	NA	1	0	0.998207054			
RP11-670E13.6	ENSG00000274213.1	0.419065493	1	1	0.419065493				
	Brain_Hippocampus	0.419065493			Brain_Hippocampus	1	1	1	
	-0.808043584	-0.808043584	-0.808043584	NA	1	0	0.998207054		
TINAG	ENSG00000137251.15	0.419195337	1	1	0.419195337				
	Brain_Frontal_Cortex_BA9	0.419195337			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.807818042	-0.807818042	-0.807818042	NA	1	0		
	0.998207054								
PCDH20	ENSG00000280165.1	0.419209633	2	2	0.237097968				
	Brain_Substantia_nigra	0.494433674			Brain_Putamen_basal_ganglia				
	1.085830524	0.914169476	0.914169476	-1.182271556	0.683274073				
	-0.249498742	1.319139965	2	0	0.998207054				
HIST1H3H	ENSG00000278828.1	0.419284815	1	1	0.419284815				
	Brain_Cerebellar_Hemisphere	0.419284815			Brain_Cerebellar_Hemisphere	1	1		
	1	0.807662643	0.807662643	0.807662643	NA	1	0		
	0.998207054								
DDR2	ENSG00000162733.16	0.419324457	1	1	0.419324457				
	Brain_Amygdala	1	1	1	0.8075938	0.8075938	0.8075938		
	NA	1	0	0.998207054					
CTB-58E17.1	ENSG00000277969.1	0.419472314	2	2	0.290953131				
	Brain_Cerebellum	0.414979536			Brain_Anterior_cingulate_cortex_BA24				
	1.025136729	0.974863271	0.974863271	-1.056033015	-0.815162087				
	-0.935597551	0.170321467	2	0	0.998207054				
ENTPD3	ENSG00000168032.8	0.419474732	5	3	0.208381607				
	Brain_Nucleus_accumbens_basal_ganglia	0.832953336			Brain_Caudate_basal_ganglia				
	4.423364922	0.01283269	0.227196201	0.210915338	1.258028065				
	0.827603032	0.381117278	3	0	0.998207054				
PUS10	ENSG00000162927.13	0.419486641	2	2	0.189121185				
	Brain_Nucleus_accumbens_basal_ganglia	0.870146605			Brain_Cerebellum				
	1.037732764	0.962267236	0.962267236	-0.163472269	1.313183314				
	0.574855522	1.044153176	2	0	0.998207054				
FKRP	ENSG00000181027.10	0.419524188	10	5	0.311683443				
	Brain_Cerebellum	6.951891387			Brain_Amygdala				
	0.988714093	Brain_Cerebellum	6.951891387	0.006602788	0.260624574				
	-0.947951513	1.011695969	0.152902395	0.682809315	5	0			
	0.998207054								
MED20	ENSG00000124641.15	0.419533349	5	4	0.249972778				
	Brain_Cerebellar_Hemisphere	3.465726141			Brain_Cortex				
	0.997734291	Brain_Cerebellar_Hemisphere	3.465726141	0.066773126					
	0.138275621	-1.150415503	0.159919033	-0.175777545	0.552214055				
	4	0	0.998207054						
ZNF775	ENSG00000196456.11	0.419546408	1	1	0.419546408				
	Brain_Spinal_cord_cervical_c-1	0.419546408			Brain_Spinal_cord_cervical_c-1				
	1	1	0.807208433	0.807208433	0.807208433	NA	1	0	
	0.998207054								
CYB5R2	ENSG00000166394.14	0.419764152	1	1	0.419764152				
	Brain_Putamen_basal_ganglia	0.419764152			Brain_Putamen_basal_ganglia	1	1		
	1	0.806830487	0.806830487	0.806830487	NA	1	0		

0.998207054

SPAG1 ENSG00000104450.12 0.419862655 3 2 0.363710335
Brain_Nucleus_accumbens_basal_ganglia 0.676289638 Brain_Cerebellum
2.130475043 0.019090978 0.850433979 -0.822169826 0.908317812
-0.110461195 0.905188393 2 0 0.998207054

TRIM2 ENSG00000109654.14 0.420089691 3 3 0.123965635
Brain_Hypothalamus 0.77024643 Brain_Putamen_basal_ganglia 1.758283002
0.243418009 0.243418009 -1.538339464 -0.29205257 -0.806693695
0.650865591 3 0 0.998207054

IL21R ENSG00000103522.15 0.420313498 7 4 0.068906653
Brain_Substantia_nigra 0.742517099 Brain_Cerebellum 4.738820074
0.040726043 -0.283094391 -1.819031315 -0.328521886 -0.738534469
0.508582954 4 0 0.998207054

ESYT3 ENSG00000158220.13 0.420380368 4 4 0.072678821
Brain_Cerebellar_Hemisphere 0.759997831 Brain_Hippocampus 2.131657653
0.233298397 -0.233298397 -1.79484235 0.367415274 -0.649450733
0.914816344 4 0 0.998207054

UGGT1 ENSG00000136731.12 0.420391593 2 2 0.257517726
Brain_Hippocampus 0.488577159 Brain_Spinal_cord_cervical_c-1 1.01860101
0.98139899 0.98139899 0.692573638 1.132277643 0.912425641
0.310917684 2 0 0.998207054

AP000350.5 ENSG00000273295.1 0.42039608 13 1 0.305618112
Brain_Hippocampus 0.683567576 Brain_Cerebellar_Hemisphere 12.04380331
0.00080472 12.04380331 -1.024459878 -0.407599712 -0.775508198
0.226213097 1 0 0.998207054

ZNF428 ENSG00000131116.11 0.420399211 2 2 0.283828996
Brain_Substantia_nigra 0.431737667 Brain_Nucleus_accumbens_basal_ganglia
1.020430333 0.979569667 0.979569667 -0.786221612 1.071757436
0.142767912 1.313789584 2 0 0.998207054

SLC5A5 ENSG00000105641.3 0.420401619 3 3 0.166874695
Brain_Nucleus_accumbens_basal_ganglia 0.831326893 Brain_Cerebellum
1.171325794 0.823916648 0.823916648 -0.213000089 1.382315999
0.695735702 0.820532238 3 0 0.998207054

LRRK2 ENSG00000188906.14 0.42084069 4 4 0.177872462
Brain_Frontal_Cortex_BA9 0.963907605 Brain_Hippocampus 2.257584821
0.158102232 0.158102232 -1.347334698 0.045250547 -0.812896194
0.609313527 4 0 0.998207054

RPS6KA1 ENSG00000117676.13 0.420904544 3 3 0.130005709
Brain_Cerebellar_Hemisphere 0.642301177 Brain_Frontal_Cortex_BA9
1.133233517 0.864057022 0.864057022 -1.514079375 -0.46448378
-0.882498381 0.556435694 3 0 0.998207054

APTR ENSG00000214293.8 0.420973545 13 3 0.236041131
Brain_Anterior_cingulate_cortex_BA24 0.979822195 Brain_Cerebellum
11.23541805 0.007522336 0.488687417 0.025291825 1.184940101
0.614221295 0.378586408 3 0 0.998207054

NDUFAF6 ENSG00000156170.12 0.421083523 8 4 0.039693193
Brain_Hypothalamus 0.373700163 Brain_Nucleus_accumbens_basal_ganglia
6.082507134 0.038786107 0.414494706 -2.056927575 -0.889563778
-1.51048574 0.453640216 4 0 0.998207054

RCOR2 ENSG00000167771.5 0.421098153 1 1 0.421098153
Brain_Anterior_cingulate_cortex_BA24 0.421098153
Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.804517524
0.804517524 0.804517524 NA 1 0 0.998207054

OSGEP1 ENSG00000128694.11 0.421121723 1 1 0.421121723
Brain_Caudate_basal_ganglia 0.421121723 Brain_Caudate_basal_ganglia 1 1
1 -0.804476695 -0.804476695 -0.804476695 NA 1 0
0.998207054

ADM2 ENSG00000128165.8 0.421192207 1 1 0.421192207 Brain_Cerebellum
0.421192207 Brain_Cerebellum 1 1 1 -0.80435461 -0.80435461
-0.80435461 NA 1 0 0.998207054

LCN6 ENSG00000267206.5 0.421259179 1 1 0.421259179
Brain_Cerebellar_Hemisphere 0.421259179 Brain_Cerebellar_Hemisphere 1 1

1	0.80423862	0.80423862	0.80423862	NA	1	0	0.998207054		
RP11-180M15.3	ENSG00000257004.1		0.421315457		1	1	0.421315457		
	Brain_Cerebellar_Hemisphere	0.421315457			Brain_Cerebellar_Hemisphere	1		1	
1	-0.804141158	-0.804141158	-0.804141158	NA	1	0			
	0.998207054								
TCAF1	ENSG00000198420.9		0.42137743	2	2	0.20981623	Brain_Cerebellum		
	0.388248516	Brain_Hippocampus		1.399496414		0.600503586			
	0.600503586	0.862798041	1.254070917		1.058434479	0.276671704			
2	0	0.998207054							
EPDR1	ENSG00000086289.11		0.421468816	3	2	0.181703338			
	Brain_Caudate_basal_ganglia	0.216863324			Brain_Putamen_basal_ganglia	2.85760104			
	0.035511316	0.106887644	1.234911821		1.335528793	1.279626926			
	0.051232817	2	0	0.998207054					
MYZAP	ENSG00000263155.5		0.421530008	5	4	0.134310524	Brain_Cerebellum		
	0.710073922	Brain_Hippocampus		2.456825624		0.036243859			
	0.342532271	-0.995650048	1.497318038		0.096791147	1.080988088			
4	0	0.998207054							
COPB1	ENSG00000129083.12		0.421570204	1	1	0.421570204	Brain_Cerebellum		
	0.421570204	Brain_Cerebellum	1	1	1	0.803700086	0.803700086		
	0.803700086	NA	1	0	0.998207054				
LCA5L	ENSG00000157578.13		0.421583965	13	2	0.089285077			
	Brain_Spinal_cord_cervical_c-1	0.749178509			Brain_Substantia_nigra				
	11.64931078	0.000927889	0.708364918		0.319722754	1.699181044			
	1.159159689	0.383341707	2	0	0.998207054				
ZC3H12D	ENSG00000178199.13		0.421749354	4	4	0.162469939			
	Brain_Amygdala	0.926781968	Brain_Cortex	1.19475783	0.79422186	0.79422186			
	-1.396812578	1.259160161	0.146358805	1.133980543	4	0			
	0.998207054								
FMO5	ENSG00000131781.12		0.421857582	5	4	0.097195222			
	Brain_Spinal_cord_cervical_c-1	0.55320833	Brain_Caudate_basal_ganglia	3.53857186					
	0.062368511	0.13336017	-1.658605948	-0.59295939	-1.106157284				
	0.392727729	4	0	0.998207054					
HLA-E	ENSG00000204592.8		0.421871854	1	1	0.421871854			
	Brain_Anterior_cingulate_cortex_BA24	0.421871854							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.80317801	0.80317801			
	0.80317801	NA	1	0	0.998207054				
PTPRD-AS2	ENSG00000226717.2		0.421973082	1	1	0.421973082			
	Brain_Nucleus_accumbens_basal_ganglia	0.421973082							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.803002859				
	-0.803002859	-0.803002859	NA	1	0	0.998207054			
ZNF585B	ENSG00000245680.9		0.422015612	7	4	0.331980864			
	Brain_Nucleus_accumbens_basal_ganglia	0.99359273	Brain_Cerebellum	5.377373357					
	0.046564548	0.356953849	-0.845379358	0.970131672	0.217369008				
	0.588807026	4	0	0.998207054					
RAMP1	ENSG00000132329.10		0.422071652	2	2	0.193064283			
	Brain_Putamen_basal_ganglia	0.682813513	Brain_Cerebellum	1.180726497					
	0.819273503	0.819273503	-1.301567478	-0.408626864	-0.855097171				
	0.631404363	2	0	0.998207054					
HOXB2	ENSG00000173917.10		0.422101665	5	5	0.085972512	Brain_Cerebellum		
	0.774441948	Brain_Anterior_cingulate_cortex_BA24	2.959828401	0.23763183					
	0.23763183	-0.397148585	1.717036449	0.952659298	0.957279025	5			
0	0.998207054								
MFSD2A	ENSG00000168389.17		0.422208156	1	1	0.422208156			
	Brain_Cortex	0.422208156	Brain_Cortex	1	1	1	0.802596217		
	0.802596217	0.802596217	NA	1	0	0.998207054			
ZNF749	ENSG00000186230.6		0.422214551	13	5	0.244426206			
	Brain_Nucleus_accumbens_basal_ganglia	0.77432776							
	Brain_Anterior_cingulate_cortex_BA24	9.374965907		5.67E-05	0.363162389				
	-0.702785003	1.163994586	0.627535939	0.580144953	5	0			
	0.998207054								
EEF2K	ENSG00000103319.11		0.422253773	2	2	0.233742081			
	Brain_Anterior_cingulate_cortex_BA24	0.832857243	Brain_Cortex						

	1.270288156	0.729711844	0.729711844	-0.211038483	1.190774605
	0.489868061	0.99123154 2	0	0.998207054	
SIPA1L3	ENSG00000105738.10	0.422271419	5	5	0.150174963
	Brain_Spinal_cord_cervical_c-1	0.899034795			Brain_Cerebellum1.649638167
	0.454258824	0.454258824	-0.720565071	1.438913745	0.271429451
	0.91299197 5	0	0.998207054		
CCNF	ENSG00000162063.12	0.42229684 1	1	0.42229684	
	Brain_Nucleus_accumbens_basal_ganglia	0.42229684			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.80244284
	-0.80244284	-0.80244284	NA	1	0.998207054
MUS81	ENSG00000172732.11	0.42230259 1	1	0.42230259	
	Brain_Nucleus_accumbens_basal_ganglia	0.42230259			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.802432897
	0.802432897	0.802432897	NA	1	0.998207054
LAMA3	ENSG00000053747.15	0.422445043	1	1	0.422445043
	Brain_Putamen_basal_ganglia	0.422445043			Brain_Putamen_basal_ganglia1 1
	1	0.802186571	0.802186571	0.802186571	NA 1 0
	0.998207054				
FAM177A1	ENSG00000151327.12	0.42261958 9	7	0.04896533	Brain_Cerebellum
	0.839573248	Brain_Anterior_cingulate_cortex_BA24	4.265503196		
	0.118357622	0.282762041	-0.202439376	1.968893429	1.060446438
	0.620971289	7	0	0.998207054	
PSMC5	ENSG00000087191.12	0.422650875	11	5	0.253426178
	Brain_Frontal_Cortex_BA9	0.978140866			Brain_Putamen_basal_ganglia
	7.290379106	0.002694047	0.426280947	-1.030783073	1.142066985
	0.019920025	0.68699788 5	0	0.998207054	
RP11-405M12.3	ENSG00000278607.1	0.422698673	1	1	0.422698673
	Brain_Spinal_cord_cervical_c-1	0.422698673			Brain_Spinal_cord_cervical_c-1
	1	1	1	0.801748122	0.801748122
	0.998207054	0.801748122	0.801748122	0.801748122	NA 1 0
CTH	ENSG00000116761.11	0.422752646	1	1	0.422752646
	Brain_Hippocampus	0.422752646			Brain_Hippocampus 1 1 1
	0.801654839	0.801654839	0.801654839	NA 1 0	0.998207054
MCCC2	ENSG00000131844.15	0.422753929	3	2	0.407660205
	Brain_Caudate_basal_ganglia	0.911565646			Brain_Cerebellar_Hemisphere
	2.620185656	0.043776247	0.336038097	-0.828018178	0.202346985
	-0.245578377	0.528189069	2	0	0.998207054
MGST3	ENSG00000143198.12	0.422978991	7	6	0.122741686
	Brain_Spinal_cord_cervical_c-1	0.973798179			Brain_Cerebellar_Hemisphere
	3.435081536	0.040493092	0.171078529	-1.543367289	0.189814137
	-0.552483613	0.638039468	6	0	0.998207054
AS3MT	ENSG00000214435.7	0.42308192 13	3	0.069036007	Brain_Hippocampus
	0.270587647	Brain_Cerebellar_Hemisphere	11.35286888	0.006408375	
	0.391189054	-1.818184052	-1.101710278	-1.477294387	0.262832771
	3	0	0.998207054		
LILRB3	ENSG00000204577.11	0.423142488	3	3	0.431826615
	Brain_Cerebellum	0.960765645			Brain_Cerebellar_Hemisphere1.847925795
	0.152419407	0.152419407	-0.786069767	0.049192805	-0.483845237
	0.463003292	3	0	0.998207054	
UGT3A2	ENSG00000168671.9	0.423155317	1	1	0.423155317
	Brain_Substantia_nigra	0.423155317			Brain_Substantia_nigra 1 1
	1	-0.800959111	-0.800959111	-0.800959111	NA 1 0
	0.998207054				
CCDC106	ENSG00000173581.7	0.423173542	2	2	0.224094811
	Brain_Caudate_basal_ganglia	0.670965013			Brain_Amygdala 1.054592268
	0.945407732	0.945407732	-1.21571158	0.424823956	-0.395443812
	1.160033802	2	0	0.998207054	
ZNF30	ENSG00000168661.14	0.423305935	6	5	0.093645463
	Brain_Cerebellar_Hemisphere	0.994191027			Brain_Hippocampus 2.646325253
	0.018867928	0.363603088	-0.007280532	1.676473602	0.67774337
	0.704616916	5	0	0.998207054	
FAM3D	ENSG00000198643.6	0.423601114	2	2	0.292453525
					Brain_Amygdala

	0.379960083	Brain_Hippocampus	1.09571457	0.90428543	0.90428543		
	-1.052754496	-0.877969846	-0.965362171	0.123591411	2	0	
	0.998207054						
MAGI2	ENSG00000187391.19	0.423724091	6	5	0.068436559	Brain_Cerebellum	
	0.791274964	Brain_Caudate_basal_ganglia	2.879145953	0.017563495			
	0.249781658	0.264655367	1.822121452	0.775337378	0.576337354		
	5	0	0.998207054				
CARMIL1	ENSG00000079691.17	0.42373243	4	4	0.228762489		
	Brain_Putamen_basal_ganglia	0.916833169	Brain_Anterior_cingulate_cortex_BA24				
	1.431229927	0.708649888	0.708649888	-1.203552756	1.055904554		
	0.146908003	1.031689984	4	0	0.998207054		
RAB11B	ENSG00000185236.11	0.423746068	1	1	0.423746068		
	Brain_Frontal_Cortex_BA9	0.423746068	Brain_Frontal_Cortex_BA9	1	1		
	1	0.799939125	0.799939125	0.799939125	NA	1	0
	0.998207054						
CTD-2270P14.5	ENSG00000276791.1	0.423754494	10	10	0.096979663		
	Brain_Nucleus_accumbens_basal_ganglia	0.958664774	Brain_Putamen_basal_ganglia				
	1.707160976	0.375204321	0.375204321	-1.659675938	1.461046915		
	-0.235544975	0.959157901	10	0	0.998207054		
SUGP2	ENSG00000064607.16	0.423767622	2	2	0.205307237		
	Brain_Hippocampus	0.315995203	Brain_Cerebellum	1.574517812			
	0.425482188	0.425482188	-1.266575165	-1.002721604	-1.134648384		
	0.186572642	2	0	0.998207054			
INTS13	ENSG00000064102.14	0.423820847	3	2	0.256241215		
	Brain_Spinal_cord_cervical_c-1	0.471389575	Brain_Frontal_Cortex_BA9				
	1.97925872	0.021806919	0.998934362	0.720219961	1.13532012		
	0.954179554	0.212530992	2	0	0.998207054		
ABCF3	ENSG00000161204.11	0.423889512	5	4	0.068475972		
	Brain_Caudate_basal_ganglia	0.792383644	Brain_Amygdala	3.200740859			
	0.090135153	0.273968269	-1.821861709	0.263216591	-1.081136391		
	0.834169833	4	0	0.998207054			
EFNB2	ENSG00000125266.6	0.423978871	1	1	0.423978871	Brain_Amygdala	
	0.423978871	Brain_Amygdala	1	1	1	-0.799537398	-0.799537398
	-0.799537398	NA	1	0	0.998207054		
BBS4	ENSG00000140463.13	0.424075582	5	5	0.112056749	Brain_Cortex	
	0.807545141	Brain_Putamen_basal_ganglia	2.354712338	0.163778488			
	0.163778488	-0.867872501	1.589016138	0.591965285	1.084036197		
	5	0	0.998207054				
FAM8A1	ENSG00000137414.5	0.424292673	3	3	0.189164121		
	Brain_Caudate_basal_ganglia	0.74547007	Brain_Hippocampus	1.286011586			
	0.736573279	0.736573279	-1.313055874	0.324618175	-0.657306697		
	0.866191093	3	0	0.998207054			
C5orf47	ENSG00000185056.9	0.424345136	3	3	0.138405004		
	Brain_Cortex	0.912256789	Brain_Nucleus_accumbens_basal_ganglia				
	1.419120057	0.568339977	0.568339977	-1.481756851	0.182512639		
	-0.396350604	0.940684642	3	0	0.998207054		
NTS	ENSG00000133636.10	0.424360132	1	1	0.424360132	Brain_Cerebellum	
	0.424360132	Brain_Cerebellum	1	1	1	-0.798879767	-0.798879767
	-0.798879767	NA	1	0	0.998207054		
CDAN1	ENSG00000140326.12	0.424365912	4	2	0.266509293		
	Brain_Anterior_cingulate_cortex_BA24	0.718167762	Brain_Cerebellum				
	3.586329659	0.013968145	0.334850771	-1.111137211	-0.360908616		
	-0.567522503	0.363541914	2	0	0.998207054		
CDR2	ENSG00000140743.7	0.424402671	2	2	0.193460633		
	Brain_Caudate_basal_ganglia	0.770766807	Brain_Nucleus_accumbens_basal_ganglia				
	1.334171513	0.665828487	0.665828487	0.291372026	1.300409566		
	0.795890796	0.713497287	2	0	0.998207054		
NT5C3A	ENSG00000122643.18	0.424449728	2	2	0.563717857		
	Brain_Cerebellum	0.919499787	Brain_Cerebellar_Hemisphere	1.92887754	0.07112246		
	0.07112246	0.101063834	0.577328068	0.339195951	0.336769669	2	
	0	0.998207054					
HIP1R	ENSG00000130787.13	0.424562002	1	1	0.424562002	Brain_Cerebellum	

	0.424562002	Brain_Cerebellum1	1	1	0.798531706	0.798531706
	0.798531706	NA	1	0	0.998207054	
ACOT4	ENSG00000177465.4	0.424573004	10	6	0.207263929	
	Brain_Hypothalamus	0.903550778	Brain_Nucleus_accumbens_basal_ganglia			
	6.241693881	0.034097521	0.246072442		-0.646987826	1.261124682
	0.563449965	0.608500877	6	0	0.998207054	
ITGB6	ENSG00000115221.10	0.424605305	3	1	0.386423208	
	Brain_Hypothalamus	0.49704125	Brain_Spinal_cord_cervical_c-1			
	0.000286262	2.988680718	0.679152484		0.866122098	0.796848212
	0.102459334	1	0	0.998207054		
DPY30	ENSG00000162961.13	0.424618269	1	1	0.424618269	
	Brain_Cerebellar_Hemisphere	0.424618269	Brain_Cerebellar_Hemisphere1			
	1	0.798434707	0.798434707	0.798434707	NA	1
	0.998207054				0	
FARP1	ENSG00000152767.16	0.424879112	3	3	0.187142093	
	Brain_Nucleus_accumbens_basal_ganglia	0.752611624	Brain_Hypothalamus			
	1.137808352	0.880053997	0.880053997		0.315197605	1.319080826
	0.866558991	0.509187905	3	0	0.998207054	
FDXACB1	ENSG00000255561.6	0.424902502	1	1	0.424902502	
	Brain_Amygdala	0.424902502	Brain_Amygdala			
	0.797944839	0.797944839	NA	1	0	0.998207054
LINC00599	ENSG00000253230.8	0.424973251	1	1	0.424973251	
	Brain_Frontal_Cortex_BA9	0.424973251	Brain_Frontal_Cortex_BA9			
	1	0.797822933	0.797822933	0.797822933	NA	1
	0.998207054				0	
PDHB	ENSG00000168291.12	0.425138867	12	5	0.15036958	Brain_Amygdala
	0.94924102	Brain_Cortex	8.639366035		0.004513724	0.329318536
	-1.438227269	0.797202115	-0.261515677		0.563216175	5
	0.998207054				0	
RP11-490M8.1	ENSG00000260025.1	0.425390708	4	4	0.205074001	
	Brain_Cortex	0.397681439	Brain_Cerebellum1			
	0.207578545	-1.267227373	1.264184242		-0.035821204	1.276249434
	4	0	0.998207054			
MICU1	ENSG00000107745.17	0.425473536	3	3	0.098504243	
	Brain_Putamen_basal_ganglia	0.976258305	Brain_Cortex			
	0.429189043	0.429189043	-1.65214869		0.118415426	-0.501324357
	0.997628399	3	0	0.998207054		
LMBR1	ENSG00000105983.20	0.425586956	1	1	0.425586956	
	Brain_Cerebellar_Hemisphere	0.425586956	Brain_Cerebellar_Hemisphere1			
	1	-0.79676598	-0.79676598	-0.79676598	NA	1
	0.998207054				0	
CTD-2292M16.8	ENSG00000258768.2	0.425840353	3	3	0.130944696	
	Brain_Hippocampus	0.870019686	Brain_Caudate_basal_ganglia			
	0.46714534	0.46714534	-0.411649806		1.510387032	0.311701248
	1.045472969	3	0	0.998207054		
PFDN2	ENSG00000143256.4	0.426165287	1	1	0.426165287	
	Brain_Caudate_basal_ganglia	0.426165287	Brain_Caudate_basal_ganglia			
	1	0.795770766	0.795770766	0.795770766	NA	1
	0.998207054				0	
RP11-140I16.3	ENSG00000272343.1	0.426268157	1	1	0.426268157	
	Brain_Hypothalamus	0.426268157	Brain_Hypothalamus			
	-0.795593825	-0.795593825	-0.795593825	NA	1	0
	0.998207054					
DOCK7	ENSG00000116641.17	0.426284892	1	1	0.426284892	
	Brain_Anterior_cingulate_cortex_BA24	0.426284892				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.795565042	
	-0.795565042	-0.795565042	NA	1	0	0.998207054
C19orf84	ENSG00000262874.1	0.426419716	9	6	0.034577465	
	Brain_Hippocampus	0.844210996	Brain_Frontal_Cortex_BA9			
	0.001268705	0.23935443	-2.113272336		-0.196510013	-1.345824832
	0.552868879	6	0	0.998207054		
STRIP2	ENSG00000128578.9	0.426531972	1	1	0.426531972	
	Brain_Cerebellar_Hemisphere	0.426531972	Brain_Cerebellar_Hemisphere1			
						1

1	0.795140166	0.795140166	0.795140166	NA	1	0	
	0.998207054						
BCL7C	ENSG00000099385.11	0.426591564	2	2	0.191908499		
	Brain_Cerebellar_Hemisphere	0.495007682			Brain_Nucleus_accumbens_basal_ganglia		
	1.542756869	0.457243131	0.457243131		0.682365789	1.304954037	
	0.993659913	0.440236372	2	0	0.998207054		
UGT2B17	ENSG00000197888.2	0.426729818	2	2	0.201824642		
	Brain_Spinal_cord_cervical_c-1	0.616894748			Brain_Substantia_nigra		
	1.567520285	0.432479715	0.432479715		0.500256118	1.276370323	
	0.888313221	0.548795617	2	0	0.998207054		
RNF111	ENSG00000157450.15	0.426832056	2	2	0.238192568		
	Brain_Cerebellar_Hemisphere	0.460428443			Brain_Cerebellum	1.158635782	
	0.841364218	0.841364218	-1.179516506		-0.738141541	-0.958829024	
	0.312099231	2	0	0.998207054			
ASXL1	ENSG00000171456.16	0.426845534	1	1	0.426845534		
	Brain_Anterior_cingulate_cortex_BA24	0.426845534					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.794601177		
	0.794601177	0.794601177	NA	1	0	0.998207054	
RP11-527D7.1	ENSG00000225554.1	0.42693863	10	6	0.029792814		
	Brain_Spinal_cord_cervical_c-1	0.789560365			Brain_Hippocampus	5.90751458	
	0.021361646	0.231928625	0.266881546		2.172833988	0.963374117	
	0.579534063	6	0	0.998207054			
ZNF514	ENSG00000144026.11	0.427010355	13	6	0.093505704		
	Brain_Hippocampus	0.992954885			Brain_Frontal_Cortex_BA9	7.884906365	
	0.011699668	0.368436345	-1.677188109		0.048596024	-0.807114334	
	0.543150014	6	0	0.998207054			
DCAF10	ENSG00000122741.15	0.427054573	4	3	0.391265709		
	Brain_Anterior_cingulate_cortex_BA24	0.880069389			Brain_Putamen_basal_ganglia		
	3.516166541	0.001123556	0.143128445		0.150881253	0.857324252	
	0.644909032	0.335107659	3	0	0.998207054		
OSR2	ENSG00000164920.9	0.427190308	1	1	0.427190308		
	Brain_Spinal_cord_cervical_c-1	0.427190308			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.794008801	-0.794008801	-0.794008801	NA 1 0
	0.998207054						
MYL3	ENSG00000160808.9	0.427190547	2	2	0.249753293		Brain_Amygdala
	0.633896574	Brain_Nucleus_accumbens_basal_ganglia	1.115661709				
	0.884338291	0.884338291	-1.150948817		0.47624959	-0.337349613	
	1.150603028	2	0	0.998207054			
OXGR1	ENSG00000165621.8	0.427202306	9	8	0.038063769		
	Brain_Hypothalamus	0.888232658			Brain_Cortex	4.091713999	
	0.052261829	0.164004204	-0.746930511		2.074167373	1.243302547	
	0.959097376	8	0	0.998207054			
AP000797.4	ENSG00000257067.5	0.427341373	3	3	0.096567267		
	Brain_Nucleus_accumbens_basal_ganglia	0.817864146			Brain_Cerebellar_Hemisphere		
	1.755076055	0.305740947	0.305740947		0.23029294	1.661728286	
	0.758642251	0.785857809	3	0	0.998207054		
ING5	ENSG00000168395.15	0.427357892	4	4	0.237599673		Brain_Cerebellum
	0.858818567	Brain_Frontal_Cortex_BA9	1.987791199		0.26289851	0.26289851	
	-1.18100768	1.150698632	0.085500717		0.959008188	4	0
	0.998207054						
GPR35	ENSG00000178623.11	0.427366377	5	5	0.044699314		
	Brain_Hypothalamus	0.946919684			Brain_Nucleus_accumbens_basal_ganglia		
	1.648132202	0.522850602	0.522850602		-2.007473086	0.066575458	
	-0.698412517	0.822243424	5	0	0.998207054		
TOGARAM1	ENSG00000198718.12	0.427393275	1	1	0.427393275		
	Brain_Anterior_cingulate_cortex_BA24	0.427393275					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.793660202		
	-0.793660202	-0.793660202	NA	1	0	0.998207054	
CTBP2	ENSG00000175029.16	0.427540218	2	2	0.22217973		Brain_Hypothalamus
	0.585108469	Brain_Cerebellum	1.073576716		0.926423284	0.926423284	
	0.545938127	1.220752536	0.883345331		0.477165845	2	0
	0.998207054						

C4orf22	ENSG00000197826.11	0.427565846	1	1	0.427565846				
	Brain_Cerebellum	0.427565846	Brain_Cerebellum	1	1	0.793363885			
	0.793363885	0.793363885	NA	1	0	0.998207054			
SCARB1	ENSG00000073060.15	0.427663045	1	1	0.427663045				
	Brain_Caudate_basal_ganglia	0.427663045	Brain_Caudate_basal_ganglia	1	1				
	1	0.793197017	0.793197017	0.793197017	NA	1	0		
	0.998207054								
RPRD1B	ENSG00000101413.11	0.427887879	6	6	0.125944994				
	Brain_Hypothalamus	0.697659878	Brain_Cerebellar_Hemisphere	2.836394886					
	0.100954693	0.100954693	-1.126059637	1.530289872	-0.026151698				
	1.175268416	6	0	0.998207054					
ROBO3	ENSG00000154134.14	0.427889113	1	1	0.427889113				
	Brain_Spinal_cord_cervical_c-1	0.427889113	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.792808999	0.792808999	0.792808999	NA	1	0
	0.998207054								
FKBP1B	ENSG00000119782.13	0.427908282	1	1	0.427908282				
	Brain_Caudate_basal_ganglia	0.427908282	Brain_Caudate_basal_ganglia	1	1				
	1	0.792776102	0.792776102	0.792776102	NA	1	0		
	0.998207054								
VGLL2	ENSG00000170162.13	0.427922172	1	1	0.427922172				
	Brain_Spinal_cord_cervical_c-1	0.427922172	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.792752267	0.792752267	0.792752267	NA	1	0
	0.998207054								
NUTM2D	ENSG00000214562.14	0.427996164	10	9	0.152939342				
	Brain_Putamen_basal_ganglia	0.975124635	Brain_Nucleus_accumbens_basal_ganglia						
	3.173516808	0.087364848	0.270970075	-1.429225808	1.38242363				
	-0.008786736	0.930178461	9	0	0.998207054				
PRB1	ENSG00000251655.6	0.42813076	2	2	0.192726374				
	Brain_Nucleus_accumbens_basal_ganglia	0.680179993	Brain_Caudate_basal_ganglia						
	1.317195006	0.682804994	0.682804994	-1.302556039	-0.412217525				
	-0.857386782	0.629564401	2	0	0.998207054				
CAPN11	ENSG00000137225.12	0.428142761	3	3	0.172956505				
	Brain_Frontal_Cortex_BA9	0.64610517	Brain_Cortex	1.122614178					
	0.917261469	0.917261469	-1.362765252	0.45917964	-0.574816522				
	0.93556149	3	0	0.998207054					
TRMT112	ENSG00000173113.6	0.42817296	7	5	0.148290298				
	Brain_Putamen_basal_ganglia	4.572647588	Brain_Cortex	0.003933855					
	0.708479188	0.201732699	-0.373899366	1.445596895	0.750054735	0.580918523			
	5	0	0.998207054						
ERICD	ENSG00000280303.2	0.428188748	1	1	0.428188748				
	Brain_Frontal_Cortex_BA9	0.428188748	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.792294894	-0.792294894	-0.792294894	NA	1	0		
	0.998207054								
GSDMD	ENSG00000104518.10	0.428220218	11	3	0.157229892				
	Brain_Anterior_cingulate_cortex_BA24	0.601872206	Brain_Frontal_Cortex_BA9						
	8.818398985	0.002894012	0.534629625	0.521710079	1.414449748				
	1.073471863	0.297083429	3	0	0.998207054				
DEPDC7	ENSG00000121690.10	0.428249148	2	2	0.196982574				
	Brain_Caudate_basal_ganglia	0.8373977	Brain_Cerebellar_Hemisphere	1.021545774					
	0.978454226	0.978454226	-0.205223256	1.290196117	0.54248643				
	1.057421179	2	0	0.998207054					
LINC01470	ENSG00000249484.8	0.428300295	2	2	0.196108004				
	Brain_Putamen_basal_ganglia	0.231683518	Brain_Caudate_basal_ganglia						
	1.863935746	0.136064254	0.136064254	1.19603342	1.292719753				
	1.244376586	0.068367562	2	0	0.998207054				
TRABD	ENSG00000170638.9	0.428319707	3	3	0.097243694				
	Brain_Hypothalamus	1.179295578	Brain_Cerebellum						
	0.915123595	0.821059831	0.106578223	1.658365607	0.715645654	0.827951705			
	0.821059831	0.106578223	1.658365607	0.715645654	0.827951705				
	3	0	0.998207054						
TRIP12	ENSG00000153827.13	0.428325468	2	2	0.192919604				
	Brain_Cortex	0.970263438	Brain_Putamen_basal_ganglia	1.010385994					
	0.989614006	0.989614006	-1.301990585	-0.037277885	-0.669634235				

DDO	0.894286926	2	0	0.998207054						
	ENSG00000203797.9			0.428378468	11	6	0.388172148		Brain_Cerebellum	
	0.973727234		Brain_Substantia_nigra				6.966582313	0.002519269		
	0.267783729		-0.581100134				0.862936923	0.181502818		0.436649732
	6	0	0.998207054							
FAM134B	ENSG00000154153.13			0.428411096	2	2	0.210505635			
	Brain_Cerebellum	0.765135459		Brain_Cerebellar_Hemisphere	1.046163649					
	0.953836351		0.953836351				0.298743899	1.252176285		0.775460092
	0.674178505	2	0	0.998207054						
FAM192A	ENSG00000172775.16			0.428451239	2	2	0.309331654			
	Brain_Spinal_cord_cervical_c-1	0.390303941		Brain_Cerebellar_Hemisphere						
	1.045751343		0.954248657				0.954248657	-1.016625426		0.859066295
	-0.078779565	1.326314335		2	0	0.998207054				
PCDHA1	ENSG00000204970.9			0.428463911	3	2	0.19457714			
	Brain_Substantia_nigra	0.965912477		Brain_Cerebellum	1.988024917					
	0.016102645		0.995872438				-1.297157094	-0.042735378		-0.541469891
	0.665516321	2	0	0.998207054						
ELOVL4	ENSG00000118402.5			0.428525457	1	1	0.428525457			
	Brain_Cerebellar_Hemisphere	0.428525457		Brain_Cerebellar_Hemisphere	1	1				
	1	0.79171743	0.79171743	0.79171743	NA	1	0	0.998207054		
EBPL	ENSG00000123179.13			0.428557219	13	3	0.069523521			
	Brain_Spinal_cord_cervical_c-1	0.839601136		Brain_Putamen_basal_ganglia						
	10.59558064		0.013043589				0.475541174	0.2024037	1.815002529	
	0.951078389		0.541833565		3	0	0.998207054			
PIAS2	ENSG00000078043.15			0.428589475	9	5	0.060061557			
	Brain_Hippocampus	0.490726921		Brain_Hypothalamus	6.466938062					
	0.011840362		0.258748715		-1.880341455		-0.689153109			-1.267006241
	0.361257597	5	0	0.998207054						
AASDH	ENSG00000157426.13			0.428739554	2	2	0.204793431		Brain_Cerebellum	
	0.386557083		Brain_Cerebellar_Hemisphere	1.816388528			0.183611472			
	0.183611472		0.865877973		1.268012656		1.066945315			0.284352161
	2	0	0.998207054							
CCDC163	ENSG00000280670.2			0.428827416	11	2	0.16846056			
	Brain_Caudate_basal_ganglia	0.25104049		Brain_Amygdala	10.32952752					0.00077682
	0.427723562		1.147825787		1.3771672		1.234982978		0.075684428	2
	0		0.998207054							
FBXO21	ENSG00000135108.14			0.428874221	3	3	0.318233287			
	Brain_Putamen_basal_ganglia	0.928977909		Brain_Nucleus_accumbens_basal_ganglia						
	2.638489771		0.089635876		0.089635876		-0.998095015			-0.089130865
	-0.530136521		0.45508109	3	0	0.998207054				
TMEM259	ENSG00000182087.12			0.428891714	9	8	0.208285744			
	Brain_Nucleus_accumbens_basal_ganglia	0.95741915		Brain_Cortex	2.890171365					
	0.062429874		0.12007793		-1.258293188		1.236836008			-0.158548093
	0.939566998	8	0	0.998207054						
ZBED4	ENSG00000100426.6			0.428923225	3	2	0.235489153			
	Brain_Cerebellar_Hemisphere	0.401053922		Brain_Cerebellum	1.945777056					
	0.057432963		0.996789981		-1.186337222		0.84671774			-0.393119981
	1.087626089	2	0	0.998207054						
AGFG1	ENSG00000173744.17			0.429000105	3	3	0.195068229			
	Brain_Cerebellar_Hemisphere	0.368804728		Brain_Putamen_basal_ganglia	1.86309668					
	0.143939489		0.143939489		-0.898714543		1.295730849			0.433031307
	1.170000416	3	0	0.998207054						
RNF123	ENSG00000164068.15			0.429021142	10	4	0.269619307			
	Brain_Putamen_basal_ganglia	0.980126607		Brain_Cortex	8.34597223					
	0.001832492		0.280450766		-1.103939675		0.603066659			0.011349083
	0.499941747	4	0	0.998207054						
PLA2G7	ENSG00000146070.16			0.429052337	5	5	0.067680987			
	Brain_Cortex	0.774785582		Brain_Cerebellar_Hemisphere	2.286595					
	0.280891491		0.280891491		-1.827124938		0.584332848			-0.210725995
	0.990898946	5	0	0.998207054						
GLIPR1L2	ENSG00000180481.10			0.42909066	13	1	0.326614251		Brain_Cerebellum	
	0.54812942		Brain_Cerebellar_Hemisphere	12.9023734	3.46E-05		12.9023734			

	-0.980956383	-0.600565503	-0.787919787	0.099051032	1	0
	0.998207054					
MYO1D	ENSG00000176658.16	0.429143294	2	2	0.196996662	
	Brain_Caudate_basal_ganglia	0.818941414			Brain_Cerebellum	1.049214946
	0.950785054	0.950785054	-0.228906725	1.290155533		0.530624404
	1.074139224	2	0	0.998207054		
CCDC40	ENSG00000141519.14	0.429276483	11	3	0.049007464	
	Brain_Caudate_basal_ganglia	0.489426932			Brain_Amygdala	9.274522239
	2.18E-08	0.416825445	-1.968526728	-0.691220582		-1.444477397
	0.311244034	3	0	0.998207054		
TRAF7	ENSG00000131653.12	0.429424397	2	2	0.210281472	
	Brain_Hypothalamus	0.835478689			Brain_Hippocampus	1.110341148
	0.889658852	0.889658852	-0.207680187	1.252791839		0.522555826
	1.032709674	2	0	0.998207054		
C14orf37	ENSG00000139971.15	0.429446752	4	4	0.103034933	
	Brain_Anterior_cingulate_cortex_BA24	0.852712741			Brain_Hippocampus	
	2.014277672	0.496519809	0.496519809	0.185658287		1.63031503
	1.014520304	0.625599058	4	0	0.998207054	
FUT2	ENSG00000176920.11	0.429706104	4	3	0.302450993	
	Brain_Nucleus_accumbens_basal_ganglia	0.997735955			Brain_Caudate_basal_ganglia	
	3.262603101	0.004617895	0.125521875	-0.002837563		1.03119157
	0.508294562	0.4679761	3	0	0.998207054	
TP53I11	ENSG00000175274.18	0.429748379	1	1	0.429748379	
	Brain_Cerebellar_Hemisphere	0.429748379			Brain_Cerebellar_Hemisphere	1
	1	-0.789622304	-0.789622304	-0.789622304	NA	1
	0.998207054					0
KAT14	ENSG00000149474.13	0.429948063	4	4	0.339266978	
	Brain_Caudate_basal_ganglia	0.849235226			Brain_Cerebellum	2.98383597
	0.139511038	0.139511038	-0.955614609	0.788804284		-0.282136386
	0.784978397	4	0	0.998207054		
FAM216A	ENSG00000204856.11	0.43013574	1	1	0.43013574	Brain_Hypothalamus
	0.43013574	Brain_Hypothalamus	1	1	1	-0.788959393
	-0.788959393	NA	1	0	0.998207054	-0.788959393
IAH1	ENSG00000134330.18	0.430202442	5	3	0.09401435	
	Brain_Frontal_Cortex_BA9	0.894983571			Brain_Nucleus_accumbens_basal_ganglia	
	3.266749111	0.012235245	0.781028055	0.132000912		1.674591798
	1.040612548	0.711386444	3	0	0.998207054	
FAM13A	ENSG00000138640.14	0.430226381	2	2	0.195340007	
	Brain_Amygdala	0.975895559			Brain_Cerebellar_Hemisphere	1.100209981
	0.899790019	0.899790019	-1.294942672	-0.030215033		-0.662578852
	0.89429749	2	0	0.998207054		
NEDD9	ENSG00000111859.16	0.430252714	4	4	0.098747252	Brain_Cortex
	0.821785285	Brain_Hypothalamus	1.793778419	0.473563674		
	0.473563674	-1.650957505	0.369293106	-0.486041578		0.958459186
	4	0	0.998207054			
DNAJC15	ENSG00000120675.5	0.430300317	13	1	0.35339782	
	Brain_Frontal_Cortex_BA9	0.486461263			Brain_Cortex	12.90758228
	6.83E-05	12.90758228	0.695948212	0.928018795		0.785851138
	0.075150943	1	0	0.998207054		
PRH2	ENSG00000134551.12	0.430343607	2	2	0.612705782	
	Brain_Hippocampus	0.72646772			Brain_Spinal_cord_cervical_c-1	1.78183434
	0.21816566	0.21816566	-0.349828086	0.50621492	0.078193417	0.605313815
	2	0	0.998207054			
SFMBT1	ENSG00000163935.13	0.430378537	3	3	0.176349311	
	Brain_Cerebellar_Hemisphere	0.654480757			Brain_Cerebellum	1.885505204
	0.277746466	0.277746466	-0.447546174	1.352081294		0.687536358
	0.987784884	3	0	0.998207054		
RP11-305L7.7	ENSG00000273381.1	0.430479331	3	3	0.332876381	
	Brain_Hippocampus	0.450208053			Brain_Cortex	1.311275168
	0.688424606	0.688424606	-0.866097939	0.968336422		0.285768899
	1.003229157	3	0	0.998207054		
ASNSD1	ENSG00000138381.9	0.430483672	13	1	0.330395856	

	Brain_Hippocampus	0.854402684		Brain_Substantia_nigra	12.21471578	
	0.000648955	12.21471578		-0.97331684	-0.183503868	-0.761186444
	0.201165077	1	0	0.998207054		
RBL2	ENSG00000103479.15	0.430781981	13	1	0.178901572	
	Brain_Caudate_basal_ganglia	0.797657922			Brain_Substantia_nigra	
	12.18645447	1.82E-05	12.18645447		-0.259559131	1.344144787
	0.749516682	0.413085651	1	0	0.998207054	
LRP1B	ENSG00000168702.17	0.430850974	6	6	0.110318701	
	Brain_Putamen_basal_ganglia	0.743501155			Brain_Substantia_nigra	
	2.603885484	0.191748641	0.191748641		-1.596762309	0.48474829
	-0.840857761	0.811295104	6	0	0.998207054	
LRRC28	ENSG00000168904.14	0.43089525	1	1	0.43089525	Brain_Cortex
	0.43089525	Brain_Cortex	1	1	1	-0.787660614
	-0.787660614	NA	1	0	0.998207054	-0.787660614
RP11-823E8.3	ENSG00000274021.1	0.43110394	2	2	0.211055847	
	Brain_Substantia_nigra	0.768123821			Brain_Cortex	1.039457344
	0.960542656	0.960542656	-1.250667407		0.294829905	-0.477918751
	1.092831629	2	0	0.998207054		
ZNF177	ENSG00000188629.11	0.431211201	11	11	0.192422598	
	Brain_Amygdala	0.678576273			Brain_Nucleus_accumbens_basal_ganglia	
	2.114146913	0.27427101	0.27427101		-1.303445832	1.216664756
	-0.518776215	0.964188104	11	0	0.998207054	
RP11-548P2.2	ENSG00000272564.1	0.431221801	7	2	0.468806859	
	Brain_Caudate_basal_ganglia	0.982716508			Brain_Spinal_cord_cervical_c-1	
	6.425094953	0.000164028	0.29455195		-0.724421737	0.244079017
	-0.196766658	0.396527732	2	0	0.998207054	
AC093802.1	ENSG00000220256.3	0.431340161	1	1	0.431340161	
	Brain_Anterior_cingulate_cortex_BA24	0.431340161				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.786900422	
	-0.786900422	-0.786900422	NA	1	0	0.998207054
IL12A	ENSG00000168811.6	0.431386149	4	4	0.082215435	
	Brain_Nucleus_accumbens_basal_ganglia	0.937740422			Brain_Amygdala	
	1.523984096	0.533058614	0.533058614		-0.205402332	1.737973777
	0.506063719	0.85935733	4	0	0.998207054	
ALG10B	ENSG00000175548.8	0.431396136	4	4	0.129002561	
	Brain_Caudate_basal_ganglia	0.798272934			Brain_Spinal_cord_cervical_c-1	
	2.865409624	0.145313838	0.145313838		-0.344627952	1.518046959
	0.45244222	0.777758586	4	0	0.998207054	
EMX2	ENSG00000170370.11	0.431437113	1	1	0.431437113	Brain_Amygdala
	0.431437113	Brain_Amygdala	1	1	1	0.786734826
	0.786734826	NA	1	0	0.998207054	0.786734826
CD300A	ENSG00000167851.13	0.431440424	5	5	0.323133828	
	Brain_Cerebellar_Hemisphere	0.963591443			Brain_Caudate_basal_ganglia	
	2.953063836	0.137748252	0.137748252		-0.86007162	0.988038429
	-0.067784737	0.676642086	5	0	0.998207054	
PSMA3	ENSG00000100567.12	0.431476806	3	3	0.111288892	
	Brain_Anterior_cingulate_cortex_BA24	0.905875727			Brain_Putamen_basal_ganglia	
	1.213938844	0.795860358	0.795860358		-0.118242234	1.592426562
	0.551972029	0.913457894	3	0	0.998207054	
GATAD2A	ENSG00000167491.17	0.431655763	3	3	0.122875978	
	Brain_Frontal_Cortex_BA9	0.258616139			Brain_Caudate_basal_ganglia	
	2.144068735	0.20859178	0.20859178		-1.542813728	-1.129668016
	-1.388439071	0.225491243	3	0	0.998207054	
PSPC1	ENSG00000121390.18	0.431929309	1	1	0.431929309	
	Brain_Nucleus_accumbens_basal_ganglia	0.431929309				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.78589448	
	-0.78589448	-0.78589448	NA	1	0	0.998207054
TNFRSF18	ENSG00000186891.13	0.432091962	6	4	0.066558141	
	Brain_Hippocampus	0.457652852			Brain_Cerebellum	3.73905268
	0.207432192	0.742717302	1.834646114		1.24571482	0.446006425
	0	0.998207054				4
POPDC3	ENSG00000132429.9	0.432178209	4	3	0.298616497	

	Brain_Caudate_basal_ganglia	0.915823663		Brain_Hypothalamus	3.215554187
	0.105293787	0.225828323	-1.039404833	0.105695862	-0.334824462
	0.491992844	3	0	0.998207054	
RHBDD2	ENSG00000005486.16	0.432191321	2	2	0.293372189
	Brain_Cerebellum	0.385515443		Brain_Anterior_cingulate_cortex_BA24	
	1.109345902	0.890654098	0.890654098	-1.05075269	-0.86777879
	-0.95926574	0.129382086	2	0	0.998207054
GLB1L	ENSG00000163521.15	0.432218852	1	1	0.432218852
	Brain_Hypothalamus	0.432218852		Brain_Hypothalamus	1 1 1
	-0.785400391	-0.785400391	-0.785400391	NA	1 0 0.998207054
DGCR9	ENSG00000273032.1	0.432304185	11	6	0.065048858
	Brain_Hippocampus	0.652772709		Brain_Hypothalamus	6.799067107
	0.006019813	0.291132249	-0.506197038	1.844922195	0.862381099
	0.648638735	6	0	0.998207054	
PTPRN2	ENSG00000155093.17	0.432419541	8	7	0.036042765
	Brain_Nucleus_accumbens_basal_ganglia	0.988190234		Brain_Amygdala	
	3.872733812	0.070958875	0.369924817	-2.09644465	0.014801888
	-0.888507077	0.636883336	7	0	0.998207054
LINC01954	ENSG00000271952.1	0.432446133	10	5	0.11244833
	Brain_Hippocampus	0.800090162		Brain_Cerebellar_Hemisphere	6.588977412
	0.001574039	0.276275875	0.253230418	1.587284033	0.699459296
	0.385523096	5	0	0.998207054	
EVL	ENSG00000196405.12	0.432472419	1	1	0.432472419
	Brain_Anterior_cingulate_cortex_BA24	0.432472419			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.78496785 0.78496785
	0.78496785	NA	1	0	0.998207054
AMY2B	ENSG00000240038.6	0.432475154	7	5	0.39589998
	Brain_Putamen_basal_ganglia	0.984991592		Brain_Frontal_Cortex_BA9	
	4.947231214	0.035768379	0.260719311	-0.514685319	0.848966416
	0.335422594	0.485512711	5	0	0.998207054
PM20D2	ENSG00000146281.5	0.43247956	5	5	0.144018319
	Brain_Spinal_cord_cervical_c-1	2.198238771		Brain_Cerebellum	
	0.763388645	0.18412412	-1.287152344	1.460989515	0.18412412
	0.18412412	0.998207054	1.460989515	0.621192263	1.167004944 5
	0	0.998207054			
GTF3C1	ENSG00000077235.17	0.432774825	3	3	0.105508798
	Brain_Spinal_cord_cervical_c-1	0.861572691		Brain_Hypothalamus	1.23629416
	0.801286508	0.801286508	-0.174372543	1.618714072	0.644359838
	0.906616525	3	0	0.998207054	
COL27A1	ENSG00000196739.14	0.432786241	1	1	0.432786241
	Brain_Hypothalamus	0.432786241		Brain_Hypothalamus	1 1 1
	0.784432729	0.784432729	0.784432729	NA	1 0 0.998207054
PLXNA4	ENSG00000221866.9	0.432803626	1	1	0.432803626
	Brain_Caudate_basal_ganglia	0.432803626		Brain_Caudate_basal_ganglia	1 1
	1	-0.78440309	-0.78440309	-0.78440309	NA 1 0
	0.998207054				
NEK10	ENSG00000163491.16	0.432854361	2	2	0.460080254
	Brain_Frontal_Cortex_BA9	0.949605734		Brain_Cortex	1.847966506
	0.152033494	0.152033494	-0.738714705	-0.063201897	-0.400958301
	0.477659687	2	0	0.998207054	
MYO1A	ENSG00000166866.12	0.433011204	1	1	0.433011204
	Brain_Spinal_cord_cervical_c-1	0.433011204		Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.784049264	0.784049264
	0.998207054			0.784049264	NA 1 0
LINC02078	ENSG00000267719.1	0.433043608	1	1	0.433043608
	Brain_Cerebellar_Hemisphere	0.433043608		Brain_Cerebellar_Hemisphere	1 1
	1	0.78399404	0.78399404	0.78399404	NA 1 0 0.998207054
LINC01783	ENSG00000233421.4	0.433074574	1	1	0.433074574
	Brain_Frontal_Cortex_BA9	0.433074574		Brain_Frontal_Cortex_BA9	1 1
	1	0.783941266	0.783941266	0.783941266	NA 1 0
	0.998207054				
PTBP2	ENSG00000117569.18	0.433155001	5	5	0.116128428
	Brain_Cerebellum			Brain_Cerebellum	
	0.639799841	Brain_Spinal_cord_cervical_c-1	2.651796418		0.143400566

	0.143400566	-1.57123347	0.467978674	-0.779164461	0.762301501
	5	0	0.998207054		
FCHO1	ENSG00000130475.14	0.433202826	3	3	0.159372544
	Brain_Cerebellar_Hemisphere	0.92338418	Brain_Cerebellum	1.962862969	
	0.368286909	0.368286909	-0.096171733	1.407184979	0.545009586
	0.775660452	3	0	0.998207054	
PI15	ENSG00000137558.7	0.433220105	3	3	0.184396372
	Brain_Cerebellar_Hemisphere	0.636768192	Brain_Nucleus_accumbens_basal_ganglia		
	1.450472913	0.597357657	0.597357657	-0.472222205	1.327339593
	0.532037368	0.917797933	3	0	0.998207054
SYNGR2	ENSG00000108639.7	0.433285812	2	2	0.298468837
	Brain_Caudate_basal_ganglia	0.464408717	Brain_Spinal_cord_cervical_c-1		
	1.035700437	0.964299563	0.964299563	-1.039722515	0.731606603
	-0.154057956	1.252518831	2	0	0.998207054
FAM109B	ENSG00000177096.8	0.433427026	4	4	0.158519853
	Brain_Frontal_Cortex_BA9	0.997131012	Brain_Hypothalamus	2.435617296	
	0.104065516	0.104065516	0.003595751	1.410067161	0.922173961
	0.626966116	4	0	0.998207054	
NHSL1	ENSG00000135540.11	0.433509028	4	3	0.174401661
	Brain_Caudate_basal_ganglia	1.957916208	Brain_Amygdala	0.048765662	
	0.939311127	-0.873694923	1.358195491	-0.116692566	1.042135787
	3	0	0.998207054		
TMEM155	ENSG00000164112.12	0.433617896	3	3	0.28236633
	Brain_Cerebellar_Hemisphere	1.869411359	Brain_Cerebellum	0.267146707	
	0.267146707	-1.075018758	0.606638243	-0.128347591	0.860581534
	3	0	0.998207054		
RP11-70D24.4	ENSG00000275040.1	0.433628253	2	2	0.20865709
	Brain_Cerebellar_Hemisphere	0.85395259	Brain_Cerebellum	1.368722841	
	0.631277159	0.631277159	-1.257266667	-0.184077585	-0.720672126
	0.758859277	2	0	0.998207054	
PGGHG	ENSG00000142102.15	0.433656088	13	4	0.329535601
	Brain_Hippocampus	0.975206704	Brain_Anterior_cingulate_cortex_BA24		
	10.63560776	0.0001358	0.420162559	-0.849545194	0.975049712
	-0.170808667	0.471670717	4	0	0.998207054
PDE11A	ENSG00000128655.16	0.433672583	3	3	0.126268114
	Brain_Hypothalamus	0.632829371	Brain_Anterior_cingulate_cortex_BA24		
	2.255311796	0.300021351	0.300021351	0.477748289	1.528985196
	0.975146624	0.527886242	3	0	0.998207054
PRODH	ENSG00000100033.16	0.433676993	8	8	0.01882825
	Brain_Frontal_Cortex_BA9	0.940873257	Brain_Amygdala	3.89563024	
	0.153150729	0.153150729	-2.348914101	-0.074172337	-1.302778854
	0.745766081	8	0	0.998207054	
SLC15A2	ENSG00000163406.10	0.43371561	7	5	0.118876708
	Brain_Nucleus_accumbens_basal_ganglia	0.79612075	Brain_Hypothalamus		
	4.404170395	0.036683914	0.163609998	-0.845266359	1.55950582
	0.681696023	0.846319425	5	0	0.998207054
SLC25A41	ENSG00000181240.13	0.433741621	9	7	0.28954429
	Brain_Cerebellar_Hemisphere	0.947634836	Brain_Caudate_basal_ganglia		
	3.956840305	1.14E-16	0.273046133	-0.258952705	1.05912185
	0.393412561	0.397815469	7	0	0.998207054
APCDD1	ENSG00000154856.12	0.43405942	4	4	0.080199929
	Brain_Nucleus_accumbens_basal_ganglia	0.633061232			
	Brain_Spinal_cord_cervical_c-1	2.131175166	0.285723008	0.285723008	
	-1.749527212	0.477422589	-0.84697944	1.04507394	4
	0.998207054				0
ASPG	ENSG00000166183.15	0.434062381	5	4	0.100906325
	Brain_Putamen_basal_ganglia	3.309750833	Brain_Cortex	0.047767379	
	0.171523444	0.223368411	1.640475566	1.028595052	0.559427591
	4	0	0.998207054		
PRKCD	ENSG00000163932.13	0.434073124	6	6	0.231336415
	Brain_Frontal_Cortex_BA9	0.657533453	Brain_Anterior_cingulate_cortex_BA24		
	2.555536169	0.101349276	0.101349276	-1.196923394	1.000723874

	-0.563697308	0.815957238	6	0	0.998207054				
GOT2	ENSG00000125166.12	0.434124818	2	2	0.20430939				
	Brain_Caudate_basal_ganglia	0.609615208				Brain_Nucleus_accumbens_basal_ganglia			
	1.217817652	0.782182348	0.782182348		0.5106228	1.269369273			
	0.889996036	0.536514776	2	0	0.998207054				
PNKP	ENSG00000039650.11	0.434142196	8	3	0.058641707				
	Brain_Anterior_cingulate_cortex_BA24	0.685213101				Brain_Caudate_basal_ganglia			
	6.839458686	0.042916109	0.228085125		-1.890869949	-0.405359739			
	-1.023141051	0.446249725	3	0	0.998207054				
RIN2	ENSG00000132669.12	0.434151158	1	1	0.434151158				
	Brain_Hippocampus	0.434151158				Brain_Hippocampus	1	1	1
	0.78210791	0.78210791	0.78210791	NA	1	0	0.998207054		
PREPL	ENSG00000138078.15	0.434151885	2	2	0.614308685				
	0.926800375	Brain_Cerebellar_Hemisphere	1.890695248		0.109304752				
	0.109304752	-0.50393268	0.091871199		-0.206030741	0.421296963			
	2	0	0.998207054						
MCM8	ENSG00000125885.13	0.434179413	13	3	0.157444965				
	Brain_Nucleus_accumbens_basal_ganglia	0.85355537				Brain_Putamen_basal_ganglia			
	10.70989831	0.007270279	0.369247194		-1.413717161	-0.184583957			
	-0.802442301	0.327131703	3	0	0.998207054				
KMT2B	ENSG00000272333.5	0.434252147	2	2	0.196495161				
	Brain_Anterior_cingulate_cortex_BA24	0.54475798				Brain_Spinal_cord_cervical_c-1			
	1.465458185	0.534541815	0.534541815		-1.291601568	-0.605633759			
	-0.948617663	0.485052489	2	0	0.998207054				
ZNF570	ENSG00000171827.10	0.434281715	1	1	0.434281715				
	Brain_Substantia_nigra	0.434281715				Brain_Substantia_nigra	1	1	
	1	-0.781885759	-0.781885759		-0.781885759	NA	1	0	
	0.998207054								
F2R	ENSG00000181104.6	0.43430024	2	2	0.279024953				
	Brain_Nucleus_accumbens_basal_ganglia	0.740121572				Brain_Putamen_basal_ganglia			
	1.74238137	0.25761863	0.25761863		-1.082512299	-0.331692357			-0.707102328
	0.530909872	2	0	0.998207054					
DDX20	ENSG00000064703.11	0.434351826	2	2	0.20455534				
	Brain_Cerebellar_Hemisphere	0.273178884				Brain_Cerebellum	1.734638712		
	0.265361288	0.265361288	1.095771271		1.268679658	1.182225465			
	0.122264693	2	0	0.998207054					
ZNF341	ENSG00000131061.13	0.434371832	1	1	0.434371832				
	Brain_Nucleus_accumbens_basal_ganglia	0.434371832							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.781732441				
	0.781732441	0.781732441	NA	1	0	0.998207054			
ZKSCAN4	ENSG00000187626.8	0.434466921	1	1	0.434466921				
	Brain_Cortex	0.434466921				Brain_Cortex	1	1	1
	-0.781570685	-0.781570685	NA	1	0	0.998207054			-0.781570685
CREB3L3	ENSG00000060566.13	0.434552623	1	1	0.434552623				
	Brain_Amygdala	0.434552623				Brain_Amygdala	1	1	1
	0.781424914	0.781424914	NA	1	0	0.998207054			0.781424914
AGPAT5	ENSG00000155189.11	0.43456863	2	2	0.196835033				
	Brain_Spinal_cord_cervical_c-1	0.967616609				Brain_Caudate_basal_ganglia			
	1.005764329	0.994235671	0.994235671		-1.290621281	-0.040597711			
	-0.665609496	0.883900143	2	0	0.998207054				
SLC15A5	ENSG00000188991.3	0.43471421	3	3	0.255948117				
	Brain_Anterior_cingulate_cortex_BA24	0.746771828				Brain_Hypothalamus			
	1.617376817	0.439568451	0.439568451		-1.136020184	0.322898875			
	-0.583579798	0.791276524	3	0	0.998207054				
DNPH1	ENSG00000112667.12	0.434739149	8	5	0.063242041				
	0.866650089	Brain_Caudate_basal_ganglia	5.042279744		0.030078444				
	0.258208956	-0.632430289	1.857485999		0.206386054	0.872638601			
	5	0	0.998207054						
MED10	ENSG00000133398.3	0.434743687	8	2	0.226117091				
	Brain_Nucleus_accumbens_basal_ganglia	0.537293812				Brain_Caudate_basal_ganglia			
	7.416920826	3.22E-05	0.257226347		-1.210421774	-0.616910422			
	-1.054560619	0.215036546	2	0	0.998207054				

PEX16	ENSG00000121680.15	0.4347967	1	1	0.4347967		
	Brain_Anterior_cingulate_cortex_BA24	0.4347967					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.781009853		
	0.781009853	0.781009853	NA	1	0	0.998207054	
SYT9	ENSG00000170743.16	0.434880935	2	2	0.303772817		
	Brain_Cerebellar_Hemisphere	0.505655538				Brain_Putamen_basal_ganglia	
	1.106542085	0.893457915	0.893457915			-0.665617626	1.028376375
	0.181379374	1.197834645	2	0	0.998207054		
LINC01376	ENSG00000236204.5	0.434992169	1	1	0.434992169		
	Brain_Frontal_Cortex_BA9	0.434992169				Brain_Frontal_Cortex_BA9	1 1
	1	-0.780677547	-0.780677547	-0.780677547	NA	1	0
	0.998207054						
EFHC1	ENSG00000096093.15	0.435000092	2	1	0.426208392	Brain_Cortex	
	0.454435144	Brain_Putamen_basal_ganglia	1.955189477	0.044810523			
	1.955189477	0.74804147	0.79569662	0.771869045	0.03369728	1	0
	0.998207054						
FAM71F2	ENSG00000205085.10	0.435005447	6	4	0.118464293		
	Brain_Nucleus_accumbens_basal_ganglia	0.804529793				Brain_Frontal_Cortex_BA9	
	3.951830802	0.019353873	0.215011831	-0.608313703	1.561252049		
	0.775505718	0.95525422	4	0	0.998207054		
BNIP2	ENSG00000140299.11	0.435056632	2	2	0.263386899	Brain_Cerebellum	
	0.501991524	Brain_Cerebellar_Hemisphere	1.876803341	0.123196659			
	0.123196659	0.671359523	1.118421775	0.894890649	0.31612075	2	
	0	0.998207054					
PYDC1	ENSG00000169900.7	0.435078575	3	3	0.149122271	Brain_Cortex	
	0.855776594	Brain_Frontal_Cortex_BA9	1.568364718	0.440100792			
	0.440100792	-0.450961292	1.442638716	0.391143465	0.964009093		
	3	0	0.998207054				
ETNK2	ENSG00000143845.14	0.435215051	1	1	0.435215051		
	Brain_Substantia_nigra	0.435215051				Brain_Substantia_nigra	1 1
	1	-0.780298745	-0.780298745	-0.780298745	NA	1	0
	0.998207054						
FAM110D	ENSG00000197245.5	0.435223984	11	3	0.13463237		
	Brain_Substantia_nigra	0.524360798				Brain_Cerebellum	8.699154211
	0.008130369	0.456113798	0.636637799	1.496081686	1.200766371		
	0.250401884	3	0	0.998207054			
PDGFC	ENSG00000145431.10	0.435252937	3	3	0.219112864	Brain_Cerebellum	
	0.665491139	Brain_Caudate_basal_ganglia	1.127301044	0.852183077			
	0.852183077	-1.228890498	0.805668907	-0.285188656	1.025231241		
	3	0	0.998207054				
AC078842.3	ENSG00000228031.2	0.435392343	1	1	0.435392343		
	Brain_Putamen_basal_ganglia	0.435392343				Brain_Putamen_basal_ganglia	1 1
	1	0.779997507	0.779997507	0.779997507	NA	1	0
	0.998207054						
CEP162	ENSG00000135315.11	0.435408241	3	3	0.500606874		
	Brain_Cortex	0.751926205				Brain_Nucleus_accumbens_basal_ganglia	2.45909282
	0.189427485	0.189427485	-0.673535183	0.31610053	-0.294158608		
	0.533689778	3	0	0.998207054			
IL17RA	ENSG00000177663.13	0.435619095	11	5	0.078408349		
	Brain_Frontal_Cortex_BA9	0.935055448				Brain_Spinal_cord_cervical_c-1	
	5.718670805	0.008616351	0.826129527	-1.759996803	0.843830049		
	-0.720150676	0.839349355	5	0	0.998207054		
GLMP	ENSG00000198715.11	0.435763598	2	2	0.200820416		
	Brain_Putamen_basal_ganglia	0.308088587				Brain_Nucleus_accumbens_basal_ganglia	
	1.859778471	0.140221529	0.140221529	1.019240956	1.279217668		
	1.149229312	0.183831295	2	0	0.998207054		
MICB	ENSG00000204516.9	0.435778031	11	5	0.109998928		
	Brain_Hippocampus	0.995176545				Brain_Substantia_nigra	7.645821294
	0.006758951	0.508695992	-1.598197958	0.006045341	-0.93049193		
	0.599986235	5	0	0.998207054			
LINC01905	ENSG00000267057.5	0.43584084	1	1	0.43584084	Brain_Hippocampus	
	0.43584084	Brain_Hippocampus	1	1	1	-0.779235775	-0.779235775

	-0.779235775	NA	1	0	0.998207054				
XPO5	ENSG00000124571.17	0.435876977	1	1	0.435876977	Brain_Cerebellum			
	0.435876977	Brain_Cerebellum1	1	1	-0.779174419	-0.779174419			
	-0.779174419	NA	1	0	0.998207054				
LINC01923	ENSG00000236653.2	0.435936411	1	1	0.435936411				
	Brain_Cortex	0.435936411	Brain_Cortex	1	1	1	0.779073514		
	0.779073514	0.779073514	NA	1	0	0.998207054			
EIF2B3	ENSG00000070785.16	0.4360153	5	4	0.151020058	Brain_Amygdala			
	0.904787854	Brain_Frontal_Cortex_BA9	3.184236667	0.011094036					
	0.283779705	-1.435937742	0.988197475		-0.003465915	0.880485557			
	4	0	0.998207054						
USP8	ENSG00000138592.13	0.436074684	1	1	0.436074684	Brain_Cerebellum			
	0.436074684	Brain_Cerebellum1	1	1	-0.778838791	-0.778838791			
	-0.778838791	NA	1	0	0.998207054				
AMH	ENSG00000104899.7	0.436136482	11	9	0.129108388				
	Brain_Hippocampus	0.929835617	Brain_Cortex	3.959392303	4.99E-17				
	0.449178851	-1.517627271	1.300812483	0.41082554	0.939501911	9			
	0	0.998207054							
NEDD8	ENSG00000129559.12	0.436436894	3	3	0.176182524	Brain_Cerebellum			
	0.913061239	Brain_Hippocampus	1.325539675	0.648431343					
	0.648431343	0.109178089	1.352602906	0.929217291	0.710300549				
	3	0	0.998207054						
RASSF1	ENSG00000068028.17	0.436525994	3	2	0.156715929				
	Brain_Cerebellar_Hemisphere	0.955344287	Brain_Hippocampus	2.016563072					
	0.036477118	0.94695981	-1.41620351	-0.055996887	-0.861255649				
	0.713815224	2	0	0.998207054					
MAN2C1	ENSG00000140400.16	0.436841751	13	4	0.235579949				
	Brain_Hypothalamus	0.963212835	Brain_Cerebellar_Hemisphere	10.63606304					
	0.009160314	0.429161951	-0.667414254	1.186107247	0.329465052				
	0.522940825	4	0	0.998207054					
MAL2	ENSG00000147676.13	0.436891579	4	3	0.260661381	Brain_Cortex			
	0.91571107	Brain_Cerebellar_Hemisphere	1.989600057	0.010891294					
	0.923561268	-1.124829289	1.111875744	-0.077518239	0.917471632				
	3	0	0.998207054						
RP11-344N10.5	ENSG00000272630.1	0.436990503	4	4	0.425811234				
	Brain_Cerebellum	0.886776897	Brain_Hippocampus	2.62192748	0.100743065				
	0.100743065	-0.297325326	0.79637994	0.143893605	0.485796178	4			
	0	0.998207054							
TRIM5	ENSG00000132256.18	0.437059379	1	1	0.437059379				
	Brain_Putamen_basal_ganglia	0.437059379	Brain_Putamen_basal_ganglia	1	1				
	1	0.777168474	0.777168474	0.777168474	NA	1	0		
	0.998207054								
SCGB3A1	ENSG00000161055.3	0.437091082	5	3	0.203636487				
	Brain_Putamen_basal_ganglia	0.926918867	Brain_Frontal_Cortex_BA9						
	3.317253302	0.055014694	0.50311288	-0.60277846	1.271259103				
	0.205809878	0.740417555	3	0	0.998207054				
CARD8	ENSG00000105483.17	0.437092637	9	7	0.113783876				
	Brain_Spinal_cord_cervical_c-1	0.961390285	Brain_Cerebellar_Hemisphere						
	4.132161535	0.066269924	0.177704692	-0.657195732	1.581411954				
	0.616298412	0.662465322	7	0	0.998207054				
BCL2L11	ENSG00000153094.22	0.437165128	6	6	0.061848787				
	Brain_Nucleus_accumbens_basal_ganglia	0.989638524							
	Brain_Anterior_cingulate_cortex_BA24	2.074776914	0.21885919	0.21885919					
	-1.867378234	0.012986549	-0.860466607	0.761128296	6	0			
	0.998207054								
PLAGL1	ENSG00000118495.18	0.437209485	3	3	0.269701727				
	Brain_Cerebellum	0.586637198	Brain_Cerebellar_Hemisphere	1.036100832					
	0.959307671	0.959307671	-1.103749706	1.092870904	0.177612265				
	1.143157585	3	0	0.998207054					
UCHL3	ENSG00000118939.17	0.437231086	10	2	0.184735928	Brain_Cerebellum			
	0.687329726	Brain_Amygdala	8.359379443	0.00502972	0.952426482				
	0.402481465	1.326313345	0.81971516	0.302305038	2	0			

0.998207054
CCDC171 ENSG00000164989.16 0.437271641 12 2 0.179538018
Brain_Putamen_basal_ganglia 0.570006506 Brain_Amygdala 10.65606044
0.007543226 0.382404088 -1.342178834 -0.568041916 -0.994351828
0.26377304 2 0 0.998207054
RP11-473L15.3 ENSG00000249203.1 0.437314381 2 2 0.272287867
Brain_Hippocampus 0.805600441 Brain_Anterior_cingulate_cortex_BA24
1.348046666 0.651953334 0.651953334 -1.097809076 0.246105661
-0.425851707 0.950291224 2 0 0.998207054
ELP2 ENSG00000134759.13 0.437361519 3 2 0.217492231
Brain_Hypothalamus 0.69138532 Brain_Cerebellar_Hemisphere1.970128764
0.045007045 0.98486419 -1.233223927 -0.396975781 -0.727020197
0.445086304 2 0 0.998207054
ENTPD6 ENSG00000197586.12 0.437444809 4 3 0.22380921
Brain_Cerebellar_Hemisphere 0.385448835 Brain_Cortex 2.854464776
0.030139803 0.129476569 -1.21646139 -0.867900445 -1.064137668
0.147733325 3 0 0.998207054
MTRF1 ENSG00000120662.15 0.437563455 3 3 0.14094759
Brain_Cerebellar_Hemisphere 0.713015125 Brain_Cortex 2.274697641
0.178054465 0.178054465 0.367809714 1.472271448 0.931913739
0.55261365 3 0 0.998207054
RP4-568F9.6 ENSG00000230010.1 0.437621795 1 1 0.437621795
Brain_Cerebellum 0.437621795 Brain_Cerebellum1 1 1 1 0.776215434
0.776215434 0.776215434 NA 1 0 0.998207054
NKAIN1 ENSG00000084628.9 0.437624499 11 1 0.20217752
Brain_Substantia_nigra 0.842743645 Brain_Hypothalamus 10.36397014
1.88E-05 10.36397014 -1.275372239 0.198385266 -0.756036509
0.426727344 1 0 0.998207054
GRID2 ENSG00000152208.12 0.437679873 4 2 0.133876379
Brain_Substantia_nigra 0.395899098 Brain_Hippocampus 3.586174602
0.028120841 0.279207041 -1.498989411 -0.848968002 -1.111448121
0.288019771 2 0 0.998207054
LPIN3 ENSG00000132793.11 0.437734337 8 5 0.098905898
Brain_Nucleus_accumbens_basal_ganglia 0.932010781 Brain_Cortex
5.273443896 0.028094196 0.249005739 -1.650181117 0.394078852
-0.254644904 0.683408383 5 0 0.998207054
TMEM133 ENSG00000170647.3 0.437802158 1 1 0.437802158
Brain_Cerebellum 0.437802158 Brain_Cerebellum1 1 1 1 -0.775909948
-0.775909948 -0.775909948 NA 1 0 0.998207054
CTD-3222D19.12 ENSG00000269399.2 0.437822235 2 2 0.327439205
Brain_Nucleus_accumbens_basal_ganglia 0.361392377 Brain_Frontal_Cortex_BA9
1.085100094 0.914899906 0.914899906 -0.97928495 -0.912715144
-0.946000047 0.047071961 2 0 0.998207054
UBXN10 ENSG00000162543.5 0.438066508 2 2 0.212747472
Brain_Hypothalamus 0.746161969 Brain_Caudate_basal_ganglia 1.008382572
0.991617428 0.991617428 -1.246046098 -0.323704228 -0.784875163
0.65219419 2 0 0.998207054
B3GNT2 ENSG00000170340.10 0.43810539 1 1 0.43810539
Brain_Caudate_basal_ganglia 0.43810539 Brain_Caudate_basal_ganglia 1 1 1
0.775396522 0.775396522 0.775396522 NA 1 0 0.998207054
HTRA2 ENSG00000115317.11 0.438121987 1 1 0.438121987
Brain_Nucleus_accumbens_basal_ganglia 0.438121987
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.775368426
0.775368426 0.775368426 NA 1 0 0.998207054
MTMR7 ENSG00000003987.13 0.438183531 2 2 0.232676364
Brain_Hippocampus 0.510225864 Brain_Cerebellar_Hemisphere 1.158616612
0.841383388 0.841383388 -0.658486041 1.19349297 0.267503465
1.309546917 2 0 0.998207054
FAM35A ENSG00000122376.11 0.438300222 10 3 0.147796127
Brain_Cerebellum 0.958543165 Brain_Frontal_Cortex_BA9 7.677302889
0.00054943 0.704125829 -1.447359983 -0.051981838 -0.617717982
0.462274727 3 0 0.998207054

ATP10D	ENSG00000145246.13	0.438301231	2	2	0.326162356		
	Brain_Anterior_cingulate_cortex_BA24	0.98238515			Brain_Cortex	1.657720108	
	0.342279892	0.342279892			-0.022078735		-0.501975931
	0.678677124	2	0	0.998207054			
GNA15	ENSG00000060558.3	0.438393964	6	5	0.163097715	Brain_Cortex	
	0.996533942	Brain_Hippocampus	2.014222248		1.26E-17	0.834620043	
	-1.394728541	1.083858101			-0.51513469	0.994925174	5 0
	0.998207054						
ATRIP	ENSG00000164053.19	0.438400758	4	4	0.102904715		
	Brain_Putamen_basal_ganglia	0.739961114			Brain_Nucleus_accumbens_basal_ganglia		
	1.647547681	0.414601032	0.414601032		-1.270031907	1.630931782	
	0.106148788	1.223997486	4	0	0.998207054		
MIR210HG	ENSG00000247095.2	0.438421009	1	1	0.438421009		
	Brain_Nucleus_accumbens_basal_ganglia	0.438421009					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.774862337		
	0.774862337	0.774862337	NA	1	0	0.998207054	
AF186192.1	ENSG00000254533.1	0.438570584	2	2	0.199315754		
	Brain_Spinal_cord_cervical_c-1	0.744701597			Brain_Hippocampus		
	1.228689502	0.771310498	0.771310498		0.325633588	1.283503444	
	0.804568516	0.67731627	2	0	0.998207054		
TLN2	ENSG00000171914.16	0.438575327	1	1	0.438575327	Brain_Cerebellum	
	0.438575327	Brain_Cerebellum1	1	1	0.774601235	0.774601235	
	0.774601235	NA	1	0	0.998207054		
YBX2	ENSG00000006047.12	0.438741548	3	3	0.195086334	Brain_Amygdala	
	0.892280616	Brain_Cerebellar_Hemisphere	1.021176549		0.985043945		
	0.985043945	-1.295678319	1.021861828		-0.046132503	1.169388212	
	3	0	0.998207054				
TCF19	ENSG00000137310.11	0.438824603	12	2	0.126135093	Brain_Amygdala	
	0.779157795	Brain_Cerebellum10.55103612			0.01351822	0.715875283	
	0.280416741	1.529521986	0.625864158		0.364415397	2	0
	0.998207054						
PBX3	ENSG00000167081.16	0.438927369	3	3	0.104521595		
	Brain_Frontal_Cortex_BA9	0.515632026			Brain_Cortex	1.963508604	
	0.346930633	0.346930633	0.650093193		1.623317293	1.041559465	
	0.513760104	3	0	0.998207054			
GATA2	ENSG00000179348.11	0.439071078	2	2	0.249033896		
	Brain_Cerebellar_Hemisphere	0.654033432			Brain_Frontal_Cortex_BA9		
	1.097672572	0.902327428	0.902327428		-1.152699136	0.448165954	
	-0.352266591	1.131982561	2	0	0.998207054		
MFSD14C	ENSG00000196312.12	0.439107307	9	2	0.111431894		
	Brain_Hippocampus	0.765442291			Brain_Cortex	7.517133005	
	0.002623723	0.696426242	0.298341818		1.591790017	1.157690992	
	0.44852273	2	0	0.998207054			
CES3	ENSG00000172828.12	0.43911563	2	1	0.424414232		
	Brain_Cerebellar_Hemisphere	0.456396545			Brain_Cerebellum1.99020204	0.00979796	
	1.99020204	0.744793533	0.798786479		0.771790006	0.038178778	1
	0	0.998207054					
LAMB3	ENSG00000196878.14	0.439149238	3	2	0.166691061		
	Brain_Nucleus_accumbens_basal_ganglia	0.397679477			Brain_Caudate_basal_ganglia		
	2.550341241	0.054947855	0.394710903		-1.382914575	-0.845772845	
	-1.119887692	0.268742473	2	0	0.998207054		
URAD	ENSG00000183463.5	0.439286837	2	2	0.703431067	Brain_Cerebellum	
	0.82112166	Brain_Cerebellar_Hemisphere	1.88766661		0.11233339	0.11233339	
	-0.380692995	0.226102551	-0.077295222		0.429069246	2	0
	0.998207054						
AC005301.9	ENSG00000283633.1	0.439328822	1	1	0.439328822		
	Brain_Spinal_cord_cervical_c-1	0.439328822			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.7733271	-0.7733271	-0.7733271	NA 1 0 0.998207054
C4orf46	ENSG00000205208.4	0.43937966	1	1	0.43937966		
	Brain_Caudate_basal_ganglia	0.43937966	Brain_Caudate_basal_ganglia	1	1	1	
	-0.773241178	-0.773241178	-0.773241178		NA	1	0 0.998207054
TMEM35B	ENSG00000243749.1	0.439392959	1	1	0.439392959		

	Brain_Hippocampus	0.439392959		Brain_Hippocampus	1	1	1
	0.773218703	0.773218703	0.773218703	NA	1	0	0.998207054
INTS1	ENSG00000164880.15	0.439462273	13	1	0.319807304		
	Brain_Hypothalamus	0.673064366		Brain_Frontal_Cortex_BA9			12.15598126
	0.000199083	12.15598126	-0.994853946	-0.421946092			-0.747737308
	0.175054373	1	0	0.998207054			
RP11-351J23.1	ENSG00000203688.4	0.439465046	4	4	0.114690528		
	Brain_Nucleus_accumbens_basal_ganglia	0.680669693		Brain_Putamen_basal_ganglia			
	1.20767225	0.779804807	0.779804807	-0.999455452	1.57745648	0.08571182	
	1.161248185	4	0	0.998207054			
NKD1	ENSG00000140807.6	0.439549891	2	2	0.214813777		Brain_Cerebellum
	0.378290212	Brain_Cerebellar_Hemisphere	1.848660935	0.151339065			
	0.151339065	-1.240437071	-0.881051009	-1.06074404	0.254124321		
	2	0	0.998207054				
C19orf33	ENSG00000167644.11	0.439578824	7	3	0.482504252		
	Brain_Substantia_nigra	0.900691604		Brain_Caudate_basal_ganglia			
	5.691593868	0.018136132	0.263900699	-0.702280499	0.441441836		
	-0.150424914	0.420036093	3	0	0.998207054		
RP11-535M15.1	ENSG00000224848.1	0.439669818	12	1	0.337467835		
	Brain_Frontal_Cortex_BA9	0.77346207	Brain_Amygdala	11.67399745	3.48E-06		
	11.67399745	-0.959180474	-0.287849336	-0.761599692	0.166624408		
	1	0	0.998207054				
DHRS3	ENSG00000162496.8	0.439681554	1	1	0.439681554		
	Brain_Caudate_basal_ganglia	0.439681554		Brain_Caudate_basal_ganglia	1	1	
	1	0.772731071	0.772731071	0.772731071	NA	1	0
	0.998207054						
ADAL	ENSG00000168803.14	0.439802281	13	1	0.273081389		
	Brain_Putamen_basal_ganglia	0.634993459		Brain_Cerebellar_Hemisphere			
	12.51688451	0.000234867	12.51688451	-1.095994026	-0.474710323		
	-0.757725778	0.203360244	1	0	0.998207054		
DDX54	ENSG00000123064.12	0.439834404	1	1	0.439834404		
	Brain_Caudate_basal_ganglia	0.439834404		Brain_Caudate_basal_ganglia	1	1	
	1	0.77247288	0.77247288	0.77247288	NA	1	0
	0.998207054						
RP11-121A8.1	ENSG00000272908.1	0.439848456	1	1	0.439848456		
	Brain_Anterior_cingulate_cortex_BA24	0.439848456					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.772449146		
	-0.772449146	-0.772449146	NA	1	0	0.998207054	
ATG7	ENSG00000197548.12	0.439906712	3	2	0.191410427		Brain_Cerebellum
	0.919760606	Brain_Hypothalamus	2.041546285	0.035418017			
	0.923035698	-0.100735278	1.306418063	0.80648419	0.787039578	2	
	0	0.998207054					
NFKB1	ENSG00000109320.11	0.439922106	1	1	0.439922106		
	Brain_Frontal_Cortex_BA9	0.439922106		Brain_Frontal_Cortex_BA9	1	1	
	1	-0.772324758	-0.772324758	-0.772324758	NA	1	0
	0.998207054						
TMEM116	ENSG00000198270.12	0.44001348	4	4	0.117112008		
	Brain_Spinal_cord_cervical_c-1	0.844008778		Brain_Frontal_Cortex_BA9			
	2.296864526	0.086611937	0.086611937	-1.56701148	0.196768404		
	-0.49366394	0.757660148	4	0	0.998207054		
ANKRD36C	ENSG00000174501.14	0.440016796	3	3	0.200697061		
	Brain_Spinal_cord_cervical_c-1	0.78361342	Brain_Putamen_basal_ganglia	1.147368			
	0.756816556	0.756816556	0.274613206	1.279568138	0.885680372		
	0.536524718	3	0	0.998207054			
SIN3B	ENSG00000127511.9	0.440036579	2	2	0.254480333		Brain_Cortex
	0.276190015	Brain_Frontal_Cortex_BA9	1.514805322	0.485194678			
	0.485194678	1.088918074	1.13953439	1.114226232	0.03579114	2	0
	0.998207054						
MTR	ENSG00000116984.12	0.440045331	4	4	0.094694616		Brain_Cortex
	0.673394358	Brain_Nucleus_accumbens_basal_ganglia	2.349012922				
	0.291402579	0.291402579	0.421494047	1.671137024	1.067139179		
	0.619752778	4	0	0.998207054			
MRPL1	ENSG00000169288.17	0.440110502	1	1	0.440110502		Brain_Amygdala

	0.440110502	Brain_Amygdala	1	1	-0.772006628	-0.772006628
	-0.772006628	NA	1	0	0.998207054	
UACA	ENSG00000137831.14	0.440125572	2	2	0.200533096	
	Brain_Putamen_basal_ganglia	0.469758387			Brain_Caudate_basal_ganglia	
	1.598450051	0.401549949	0.401549949		0.722872228	1.280034235
	1.001453232	0.393973034	2	0	0.998207054	
LINC01719	ENSG00000233396.7	0.440418192	9	5	0.174658634	
	Brain_Amygdala	0.99037029	Brain_Cortex	5.781932739	1.07E-16	
	0.363664855	0.012069345	1.357385874		1.055168622	0.408316615
	5	0	0.998207054			
SCN8A	ENSG00000196876.15	0.44043225	1	1	0.44043225	Brain_Caudate_basal_ganglia
	0.44043225	Brain_Caudate_basal_ganglia	1	1	-0.771463499	
	-0.771463499	-0.771463499	NA	1	0	0.998207054
ARHGFEF26	ENSG00000114790.12	0.440490953	1	1	0.440490953	
	Brain_Amygdala	0.440490953	Brain_Amygdala	1	1	1
	0.771364429	0.771364429	NA	1	0	0.771364429
	0.998207054					
COX15	ENSG00000014919.12	0.440563018	4	4	0.117719171	
	Brain_Cerebellar_Hemisphere	0.755107096	Brain_Cortex	2.455159458		
	0.102077907	0.102077907	-1.564419131		-0.311912403	-0.987230076
	0.521865837	4	0	0.998207054		
RANGRF	ENSG00000108961.13	0.440641309	1	1	0.440641309	
	Brain_Hypothalamus	0.440641309	Brain_Hypothalamus	1	1	1
	0.771110717	0.771110717	0.771110717	NA	1	0
	0.998207054					
HPGDS	ENSG00000163106.10	0.440828045	4	4	0.0862179	
	Brain_Substantia_nigra	0.679843156	Brain_Caudate_basal_ganglia			
	1.313372695	0.5964128	0.5964128	-1.715694892	0.422386795	
	-0.46308383	1.061248463	4	0	0.998207054	
CHODL	ENSG00000154645.13	0.440841885	1	1	0.440841885	
	Brain_Nucleus_accumbens_basal_ganglia	0.440841885				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.770772339	
	-0.770772339	-0.770772339	NA	1	0	0.998207054
GYG1	ENSG00000163754.17	0.440959724	1	1	0.440959724	
	Brain_Caudate_basal_ganglia	0.440959724	Brain_Caudate_basal_ganglia	1	1	
	1	-0.770573583	-0.770573583	-0.770573583	NA	1
	0					
	0.998207054					
NLRP1	ENSG00000091592.15	0.440965697	4	3	0.098288508	Brain_Cortex
	0.405352803	Brain_Spinal_cord_cervical_c-1	2.987316853		0.000924586	
	0.180228112	0.832099467	1.653208151		1.363392973	0.374842329
	3	0	0.998207054			
RP11-474021.5	ENSG00000272482.1	0.441074177	1	1	0.441074177	
	Brain_Substantia_nigra	0.441074177	Brain_Substantia_nigra	1	1	
	1	0.770380568	0.770380568	0.770380568	NA	1
	0					
	0.998207054					
PPDPF	ENSG00000125534.9	0.441098008	1	1	0.441098008	Brain_Cortex
	0.441098008	Brain_Cortex	1	1	1	0.770340382
	0.770340382	NA	1	0	0.998207054	0.770340382
ANGPTL4	ENSG00000167772.11	0.44110258	1	1	0.44110258	
	Brain_Spinal_cord_cervical_c-1	0.44110258	Brain_Spinal_cord_cervical_c-1	1	1	
	1	1	-0.770332673	-0.770332673	-0.770332673	NA
	1	0				
	0.998207054					
SYTL1	ENSG00000142765.17	0.441113627	2	2	0.241234306	
	Brain_Cerebellar_Hemisphere	0.437860194	Brain_Cerebellum	1.23636473	0.76363527	
	0.76363527	0.775811667	1.171907226		0.973859446	0.280081856
	0	0.998207054				2
F13A1	ENSG00000124491.15	0.441171712	2	2	0.237563722	
	Brain_Hypothalamus	0.704950763	Brain_Spinal_cord_cervical_c-1			
	1.093782108	0.906217892	0.906217892		-0.378645994	1.181098182
	0.401226094	1.102905684	2	0	0.998207054	
LLGL2	ENSG00000073350.13	0.441379107	1	1	0.441379107	Brain_Cerebellum
	0.441379107	Brain_Cerebellum	1	1	1	-0.769866467
	-0.769866467	NA	1	0	0.998207054	-0.769866467
STAT4	ENSG00000138378.17	0.441495231	1	1	0.441495231	

	Brain_Putamen_basal_ganglia	0.441495231		Brain_Putamen_basal_ganglia	1	1	
	1	-0.76967074	-0.76967074	-0.76967074	NA	1	0
	0.998207054						
JPH1	ENSG00000104369.4	0.441572853	5	2	0.120968316		
	Brain_Substantia_nigra	0.5802846		Brain_Cerebellar_Hemisphere	3.870307161		
	0.008564151	0.999992818		-1.550722016	0.552969055		-0.792155571
	0.815049159	2	0	0.998207054			
RP11-675F6.3	ENSG00000253361.1	0.441631811	3	2	0.315953106		
	Brain_Cerebellum	0.852836735		Brain_Cortex	2.712034507		0.044546493
	0.243419	0.185500186	1.002808833	0.542792953		0.41822528	2 0
	0.998207054						
FGF18	ENSG00000156427.7	0.441780447	1	1	0.441780447		
	Brain_Caudate_basal_ganglia	0.441780447		Brain_Caudate_basal_ganglia	1	1	
	1	-0.769190133	-0.769190133	-0.769190133	NA	1	0
	0.998207054						
RP11-249C24.12	ENSG00000275691.1	0.441882926	1	1	0.441882926		
	Brain_Nucleus_accumbens_basal_ganglia	0.441882926					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.769017492		
	0.769017492	0.769017492	NA	1	0	0.998207054	
KRT33B	ENSG00000131738.10	0.441981453	1	1	0.441981453		
	Brain_Hippocampus	0.441981453		Brain_Hippocampus	1	1	1
	0.768851532	0.768851532	0.768851532	NA	1	0	0.998207054
WBSCR27	ENSG00000165171.10	0.441990822	13	1	0.225270994		
	Brain_Cortex	0.715375494		Brain_Substantia_nigra	12.62293824		
	0.00035262	12.62293824	-1.212630835	-0.364646239		-0.757075162	
	0.218844515	1	0	0.998207054			
RP11-120K24.3	ENSG00000267868.1	0.442004572	6	6	0.161162027		
	Brain_Anterior_cingulate_cortex_BA24	0.997569292		Brain_Frontal_Cortex_BA9			
	2.479322418	0.257161888	0.257161888	-1.401174066		0.476538332	
	-0.37882194	0.671785223	6	0	0.998207054		
AADAT	ENSG00000109576.13	0.442013266	8	6	0.212881406		
	Brain_Anterior_cingulate_cortex_BA24	0.982226472		Brain_Putamen_basal_ganglia			
	4.956235535	0.032665545	0.211912723	-1.245681343		0.821294222	
	-0.060103932	0.729665453	6	0	0.998207054		
IPO7	ENSG00000205339.9	0.442014196	1	1	0.442014196		
	Brain_Nucleus_accumbens_basal_ganglia	0.442014196					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.768796384		
	0.768796384	0.768796384	NA	1	0	0.998207054	
TSLP	ENSG00000145777.14	0.442075883	12	2	0.309213244		Brain_Cortex
	0.959177027		Brain_Nucleus_accumbens_basal_ganglia	10.87561498			
	0.003015814	0.444842675	-0.26812692	1.016874273		0.235545659	
	0.298076713	2	0	0.998207054			
RBBP4	ENSG00000162521.18	0.442140856	1	1	0.442140856		Brain_Cortex
	0.442140856		Brain_Cortex	1	1	1	
	-0.768583076	NA	1	0	0.998207054		-0.768583076
PRSS37	ENSG00000165076.13	0.442211591	5	2	0.602010952		
	Brain_Nucleus_accumbens_basal_ganglia	0.958540033		Brain_Cerebellar_Hemisphere			
	4.681553269	0.001639686	0.202763452	-0.521510846		0.422500725	
	0.037591182	0.344145741	2	0	0.998207054		
KCNAB3	ENSG00000170049.9	0.44221957	6	2	0.090518457		
	Brain_Frontal_Cortex_BA9	0.346734005		Brain_Cerebellum	5.406361462		
	0.021683129	0.270521977	-1.692669169	-0.940943127		-1.192671651	
	0.280689919	2	0	0.998207054			
NPIPB6	ENSG00000198156.10	0.442284032	4	4	0.090268123		
	Brain_Nucleus_accumbens_basal_ganglia	0.877619911		Brain_Cerebellum			
	1.727814854	0.39578263	0.39578263	0.153987095		1.693985054	
	0.979954038	0.63243056	4	0	0.998207054		
ZBTB38	ENSG00000177311.11	0.442372832	1	1	0.442372832		
	Brain_Cerebellum	0.442372832		Brain_Cerebellum	1	1	1
	0.768192494	0.768192494	NA	1	0	0.998207054	
DDR1	ENSG00000204580.13	0.442469146	1	1	0.442469146		Brain_Cerebellum
	0.442469146		Brain_Cerebellum	1	1	1	
				0.768030364		0.768030364	

0.768030364	NA	1	0	0.998207054					
TRPV1	ENSG00000196689.11	0.442586728	1	1	0.442586728	Brain_Cerebellum			
0.442586728	Brain_Cerebellum1	1	1	-0.767832459	-0.767832459				
-0.767832459	NA	1	0	0.998207054					
LINC02199	ENSG00000250198.1	0.442638886	2	2	0.323538581				
Brain_Substantia_nigra	0.360672319	Brain_Nucleus_accumbens_basal_ganglia							
1.110922684	0.889077316	0.889077316	0.914084743	0.987212284					
0.950648513	0.05170898	2	0	0.998207054					
ANGPTL1	ENSG00000116194.12	0.442698712	1	1	0.442698712				
Brain_Cortex	0.442698712	Brain_Cortex	1	1	1	-0.767644005			
-0.767644005	-0.767644005	NA	1	0	0.998207054				
KPNA2	ENSG00000182481.8	0.442852177	3	3	0.254916406				
Brain_Caudate_basal_ganglia	0.795364082	Brain_Amygdala	2.15974691						
0.165953901	0.165953901	-1.138488864	0.265017776	-0.377607514					
0.709186925	3	0	0.998207054						
AC017074.2	ENSG00000227359.1	0.442912718	1	1	0.442912718				
Brain_Cerebellum	0.442912718	Brain_Cerebellum1	1	1	1	-0.767283934			
-0.767283934	-0.767283934	NA	1	0	0.998207054				
HS6ST3	ENSG00000185352.8	0.443159096	2	2	0.258807745				
Brain_Nucleus_accumbens_basal_ganglia	0.926576222	Brain_Caudate_basal_ganglia							
1.528107183	0.471892817	0.471892817	0.092153324	1.129213583					
0.610683453	0.733312342	2	0	0.998207054					
FEM1C	ENSG00000145780.7	0.443168702	1	1	0.443168702	Brain_Cerebellum			
0.443168702	Brain_Cerebellum1	1	1	-0.766853367	-0.766853367				
-0.766853367	NA	1	0	0.998207054					
C20orf194	ENSG00000088854.12	0.443177193	4	3	0.559156585				
Brain_Hippocampus	0.914294059	Brain_Cortex	3.416517267						
0.029447349	0.190037311	-0.584094722	0.340888272	-0.172883828					
0.468502055	3	0	0.998207054						
ADAMTS10	ENSG00000142303.13	0.44322945	1	1	0.44322945				
Brain_Cerebellar_Hemisphere	0.44322945	Brain_Cerebellar_Hemisphere1	1	1					
0.76675121	0.76675121	0.76675121	NA	1	0	0.998207054			
FBXL4	ENSG00000112234.8	0.443471031	1	1	0.443471031				
Brain_Spinal_cord_cervical_c-1	0.443471031	Brain_Spinal_cord_cervical_c-1							
1	1	1	-0.76634503	-0.76634503	-0.76634503	NA	1	0	
0.998207054									
ZNF208	ENSG00000160321.14	0.443494154	10	4	0.04137289	Brain_Amygdala			
0.561930082	Brain_Cerebellum	8.105726131	0.013158309	0.289572824					
-2.039773506	-0.579977068	-1.209794954	0.442465256	4	0				
0.998207054									
MT1E	ENSG00000169715.14	0.443561985	8	7	0.133813273	Brain_Cortex			
0.945330438	Brain_Frontal_Cortex_BA9	3.012144884	0.03706576	0.18517776					
-1.499232705	0.704862454	-0.431355552	0.714238886	7	0				
0.998207054									
CHAC2	ENSG00000143942.4	0.443594112	1	1	0.443594112				
Brain_Cerebellar_Hemisphere	0.443594112	Brain_Cerebellar_Hemisphere1	1	1					
1	-0.766138139	-0.766138139	-0.766138139	NA	1	0			
0.998207054									
DFFB	ENSG00000169598.15	0.443694335	10	3	0.146864853				
Brain_Frontal_Cortex_BA9	0.542662596	Brain_Anterior_cingulate_cortex_BA24							
7.721562916	0.002728874	0.655460726	-0.750269666	1.45069484					
0.778631166	0.579130496	3	0	0.998207054					
ITGA4	ENSG00000115232.13	0.443787878	1	1	0.443787878				
Brain_Substantia_nigra	0.443787878	Brain_Substantia_nigra	1	1					
1	0.765812496	0.765812496	0.765812496	NA	1	0			
0.998207054									
C11orf74	ENSG00000166352.15	0.443808	2	2	0.212690352	Brain_Cortex			
0.305226729	Brain_Hypothalamus	1.661603147	0.338396853						
0.338396853	1.025289246	1.246201709	1.135745477	0.1562087	2				
0	0.998207054								
TBC1D9B	ENSG00000197226.12	0.44402658	11	11	0.163679946				
Brain_Nucleus_accumbens_basal_ganglia	0.911902193	Brain_Caudate_basal_ganglia							

	3.615215769	0.28533291	0.28533291	-1.292467734	1.3928011	-0.111672792			
	0.914596368	11	0	0.998207054					
PYURF	ENSG00000145337.4	0.444057276	3	3	0.144631645				
	Brain_Spinal_cord_cervical_c-1	0.60622396			Brain_Hypothalamus	1.149094415			
	0.848028009	0.848028009			-0.515470956	1.458758294	0.547758159		
	0.995879274	3	0	0.998207054					
UBE2W	ENSG00000104343.19	0.444149582	5	3	0.106355986				
	Brain_Caudate_basal_ganglia	0.254628267			Brain_Cerebellum	4.42176694			
	0.021825619	0.197088229			1.139179566	1.614790893	1.361389807		
	0.188171003	3	0	0.998207054					
MRPS22	ENSG00000175110.11	0.444157371	4	3	0.324215368				
	Brain_Putamen_basal_ganglia	0.893475874			Brain_Cortex	3.095347506			
	0.018967237	0.231910288			-0.449901371	0.985832392	0.282384845		
	0.601267598	3	0	0.998207054					
ID2	ENSG00000115738.9	0.444189785	1	1	0.444189785				
	Brain_Spinal_cord_cervical_c-1	0.444189785			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.76513731	0.76513731	0.76513731	NA	1	0
	0.998207054								
PRR34	ENSG00000182257.6	0.444237867	3	3	0.130236462				
	Brain_Hypothalamus	0.991448009			Brain_Cerebellar_Hemisphere	1.202345515			
	0.81816444	0.81816444			-1.513170082	-0.010718537	-0.629987544		
	0.785224761	3	0	0.998207054					
MROH7	ENSG00000184313.19	0.444241906	9	8	0.119520287				
	Brain_Cerebellum				Brain_Frontal_Cortex_BA9	2.624538814	0.008119607		
	0.833842582	-1.556790275			0.898201286	-0.334059149	0.892797811	8	
	0.38714613	0	0.998207054						
MRPS18A	ENSG00000096080.11	0.444279284	1	1	0.444279284				
	Brain_Amygdala	0.444279284			Brain_Amygdala	1	1	1	0.764987003
	0.764987003	0.764987003	NA	1	0	0.998207054			
MIS18A	ENSG00000159055.3	0.444353953	1	1	0.444353953				
	Brain_Hypothalamus	0.444353953			Brain_Hypothalamus	1	1	1	
	-0.764861615	-0.764861615			-0.764861615	NA	1	0	0.998207054
CALM2	ENSG00000143933.16	0.444367958	1	1	0.444367958				
	Brain_Cerebellum	1	1	1	0.764838099	0.764838099			
	0.444367958	NA	1	0	0.998207054				
XCL2	ENSG00000143185.3	0.444538255	1	1	0.444538255				
	Brain_Spinal_cord_cervical_c-1	0.444538255			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.764552178	-0.764552178	-0.764552178	NA	1	0
	0.998207054								
CHD8	ENSG00000100888.12	0.444588683	1	1	0.444588683				
	Brain_Cerebellar_Hemisphere	0.444588683			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.764467524			-0.764467524	-0.764467524	NA	1	0
	0.998207054								
SLC18A1	ENSG00000036565.14	0.444647342	2	2	0.625773364				
	Brain_Spinal_cord_cervical_c-1	0.782853472			Brain_Substantia_nigra				
	1.818906864	0.181093136			0.181093136	-0.487684455	0.275602392		
	-0.106041031	0.539725306	2	0	0.998207054				
FAM66B	ENSG00000215374.5	0.444721343	1	1	0.444721343				
	Brain_Spinal_cord_cervical_c-1	0.444721343			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.764244852	-0.764244852	-0.764244852	NA	1	0
	0.998207054								
COX6C	ENSG00000164919.10	0.444740172	3	3	0.57407948				
	Brain_Nucleus_accumbens_basal_ganglia	0.850928365			Brain_Cortex				
	1.940718981	0.142542776			0.142542776	-0.243306224	0.56205363		
	0.043604458	0.449842947	3	0	0.998207054				
FAM168A	ENSG00000054965.10	0.444822964	1	1	0.444822964				
	Brain_Caudate_basal_ganglia	0.444822964			Brain_Caudate_basal_ganglia	1	1		
	1	-0.764074304			-0.764074304	-0.764074304	NA	1	0
	0.998207054								
SLC37A1	ENSG00000160190.13	0.444841634	3	3	0.191460506				
	Brain_Anterior_cingulate_cortex_BA24	0.885659735			Brain_Frontal_Cortex_BA9				
	1.275301834	0.723677638			0.723677638	-0.862976795	1.306270733		
	0.099831875	1.104954959	3	0	0.998207054				

RAB13	ENSG00000143545.8	0.444882313	2	2	0.206939646	Brain_Cortex
	0.97075025	Brain_Nucleus_accumbens_basal_ganglia	1.158053311		0.841946689	
	0.841946689	-1.262025402	-0.03666734	-0.649346371	0.866458995	
	2	0	0.998207054			
RCCD1	ENSG00000166965.12	0.444895927	12	1	0.150523968	
	Brain_Substantia_nigra	0.588358851			Brain_Cerebellar_Hemisphere	
	11.49644532	2.07E-05	11.49644532	0.541215796	1.437683179	
	0.75659648	0.233501752	1	0	0.998207054	
SP110	ENSG00000135899.17	0.444968837	9	2	0.340576137	
	Brain_Caudate_basal_ganglia	0.910678597			Brain_Hippocampus	8.134050109
	0.000151205	0.642573174	-0.953027501	0.411839313	-0.446812533	
	0.438219113	2	0	0.998207054		
LINC01220	ENSG00000259687.1	0.445044784	1	1	0.445044784	
	Brain_Hypothalamus	0.445044784	Brain_Hypothalamus	1	1	1
	-0.763702109	-0.763702109	-0.763702109	NA	1	0
					0.998207054	
GSKIP	ENSG00000100744.14	0.445058321	8	5	0.041753432	Brain_Cerebellum
	0.860897726	Brain_Frontal_Cortex_BA9	4.398162048	0.024045369		
	0.275046771	-2.035969356	1.117802633	-0.358132935	1.070258412	
	5	0	0.998207054			
COPS9	ENSG00000172428.10	0.445126159	2	2	0.20424317	
	Brain_Nucleus_accumbens_basal_ganglia	0.340575734			Brain_Caudate_basal_ganglia	
	1.703777284	0.296222716	0.296222716	0.953028297	1.269555049	
	1.111291673	0.223818213	2	0	0.998207054	
LRPAP1	ENSG00000163956.10	0.445165942	11	4	0.164187762	
	Brain_Cerebellum	0.968811968	Brain_Spinal_cord_cervical_c-1	8.59455418		
	0.009574214	0.416365993	0.039098361	1.39112422	0.72941883	
	0.472837919	4	0	0.998207054		
TDRD5	ENSG00000162782.15	0.445201284	10	4	0.124852601	
	Brain_Substantia_nigra	0.933764476			Brain_Nucleus_accumbens_basal_ganglia	
	7.697845052	0.002760436	0.305470215	-1.53472008	-0.083109495	
	-1.033434113	0.402946152	4	0	0.998207054	
RP11-675F6.4	ENSG00000254100.1	0.445234971	3	3	0.358656308	
	Brain_Cerebellum	0.757535688	Brain_Cerebellar_Hemisphere	2.248849874		
	0.170890863	0.170890863	-0.556944045	0.917928484	0.223234305	
	0.74114297	3	0	0.998207054		
SFTA1P	ENSG00000225383.7	0.445347691	9	6	0.06860485	
	Brain_Spinal_cord_cervical_c-1	0.901110667			Brain_Putamen_basal_ganglia	
	6.070693162	0.024821923	0.30951692	-0.124258422	1.821013203	
	0.915972025	0.605825496	6	0	0.998207054	
C5orf64-AS1	ENSG00000251575.2	0.445430387	8	8	0.063243094	
	Brain_Caudate_basal_ganglia	0.913947669			Brain_Hippocampus	1.757288498
	0.350579815	0.350579815	-1.857478596	1.004403472	-0.355768037	
	0.863872692	8	0	0.998207054		
TTC22	ENSG00000006555.10	0.445497136	2	2	0.32656628	
	Brain_Caudate_basal_ganglia	0.454562027			Brain_Spinal_cord_cervical_c-1	
	1.060932168	0.939067832	0.939067832	-0.747831122	0.98105366	
	0.116611269	1.222506154	2	0	0.998207054	
RP11-191L17.1	ENSG00000272663.1	0.445550711	4	4	0.230222963	
	Brain_Cortex	0.920709693			Brain_Caudate_basal_ganglia	2.513281199
	0.093396553	0.093396553	-1.199784711	0.143428602	-0.495917536	
	0.624883101	4	0	0.998207054		
ANKRD30B	ENSG00000180777.13	0.44578662	8	7	0.114785362	Brain_Amygdala
	0.925091617	Brain_Nucleus_accumbens_basal_ganglia	3.726963017			
	0.070057888	0.198587294	0.094022081	1.577044169	0.633789662	
	0.467421904	7	0	0.998207054		
PCDH18	ENSG00000189184.11	0.445792158	2	2	0.32516783	Brain_Amygdala
	0.423323669	Brain_Putamen_basal_ganglia	1.004226855	0.995773145		
	0.995773145	-0.800668352	0.983893602	0.091612625	1.261875859	
	2	0	0.998207054			
IGFBP7	ENSG00000163453.11	0.445881823	7	5	0.080521308	
	Brain_Putamen_basal_ganglia	0.956713837			Brain_Nucleus_accumbens_basal_ganglia	
	4.283786213	0.071053229	0.327171124	-0.098836576	1.747669299	

	0.680079458	0.721615325	5	0	0.998207054	
ATL3	ENSG00000184743.12	0.445925815	3	3	0.179109815	
	Brain_Caudate_basal_ganglia	0.51997312	Brain_Nucleus_accumbens_basal_ganglia			
	1.296970308	0.688349192	0.688349192	-1.343500961	0.669266937	
	-0.010282394	1.154673657	3	0	0.998207054	
NAP1L5	ENSG00000177432.6	0.44600656	6	4	0.259469423	
	Brain_Caudate_basal_ganglia	0.679300401	Brain_Nucleus_accumbens_basal_ganglia			
	3.741153985	0.050884305	0.246867757	-1.127646067	0.974737778	
	0.144149717	0.842238601	4	0	0.998207054	
KCTD18	ENSG00000155729.12	0.446129355	1	1	0.446129355	
	Brain_Cerebellar_Hemisphere	0.446129355	Brain_Cerebellar_Hemisphere	1	1	
	1	-0.761883808	-0.761883808	-0.761883808	NA	1
	0.998207054					0
FCRL6	ENSG00000181036.13	0.446159101	2	2	0.293783442	
	Brain_Caudate_basal_ganglia	0.519030384	Brain_Cerebellar_Hemisphere			
	1.065836578	0.934163422	0.934163422	0.644840761	1.049857918	
	0.84734934	0.286390378	2	0	0.998207054	
NPIPA2	ENSG00000254852.8	0.446182126	3	3	0.193636768	
	Brain_Cerebellar_Hemisphere	0.657755163	Brain_Caudate_basal_ganglia			
	1.187120541	0.828796211	0.828796211	0.443014616	1.299895558	
	0.883110567	0.428915828	3	0	0.998207054	
HS3ST1	ENSG00000002587.9	0.446257558	1	1	0.446257558	
	Brain_Cerebellum	0.446257558	Brain_Cerebellum	1	1	1
	0.761669039	0.761669039	NA	1	0	0.761669039
					0.998207054	
LINC00440	ENSG00000234660.1	0.4462772	1	1	0.4462772	
	Brain_Anterior_cingulate_cortex_BA24	0.4462772				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.761636139	
	0.761636139	0.761636139	NA	1	0	0.998207054
GCLC	ENSG00000001084.10	0.446348508	6	6	0.164756937	
	Brain_Frontal_Cortex_BA9	0.947896054	Brain_Hippocampus		3.167222674	
	0.266527147	0.266527147	-1.088003082	1.389249359	0.188863993	
	0.796573407	6	0	0.998207054		
LINC02032	ENSG00000241131.1	0.446350688	2	1	0.394431362	
	Brain_Cerebellum	0.511482202	Brain_Cerebellar_Hemisphere	1.961095251		
	0.038904749	1.961095251	-0.851608605	-0.656531507	-0.754070056	
	0.137940339	1	0	0.998207054		
FAAP24	ENSG00000131944.9	0.44646211	5	4	0.433328274	
	Brain_Hypothalamus	0.944550983	Brain_Frontal_Cortex_BA9		4.078260471	
	0.064443299	0.150005607	-0.783508994	0.494489957	0.063881695	
	0.519699122	4	0	0.998207054		
CAMKK2	ENSG00000110931.18	0.446465476	3	3	0.133069773	
	Brain_Cortex	0.973441277	Brain_Nucleus_accumbens_basal_ganglia			
	1.577117626	0.434398507	0.434398507	-1.502105857	-0.033292573	
	-0.967920526	0.812169217	3	0	0.998207054	
ZNF552	ENSG00000178935.5	0.446474777	5	3	0.141603877	
	Brain_Caudate_basal_ganglia	0.487749053	Brain_Hypothalamus		4.157698623	
	0.044701812	0.259673944	-1.469844487	-0.693893416	-0.978849795	
	0.322248813	3	0	0.998207054		
WISP3	ENSG00000112761.20	0.446722741	2	2	0.205324386	Brain_Cerebellum
	0.995827382	Brain_Anterior_cingulate_cortex_BA24	1.064302915			
	0.935697085	0.935697085	-0.005229624	1.266527232	0.630648804	
	0.899267897	2	0	0.998207054		
LRRC39	ENSG00000122477.12	0.44679356	8	4	0.123336178	
	Brain_Putamen_basal_ganglia	0.812708791	Brain_Amygdala	6.232629849		
	0.014256672	0.217317487	0.236932971	1.540920327	1.048729047	
	0.394081433	4	0	0.998207054		
ZNRF3	ENSG00000183579.15	0.446804689	3	3	0.282195628	Brain_Amygdala
	0.548857717	Brain_Cerebellum	1.160408106	0.849666223	0.849666223	
	-1.075400119	-0.599472689	-0.869161488	0.244225659	3	0
	0.998207054					
SRSF6	ENSG00000124193.14	0.446862279	3	3	0.346108157	
	Brain_Cerebellar_Hemisphere	0.87501317	Brain_Caudate_basal_ganglia	1.549141171		

	0.587333701	0.587333701	-0.942165026	0.85899987	0.024709606				
	0.907872627	3	0	0.998207054					
PAK4	ENSG00000130669.17	0.446958272	11	8	0.128666498				
	Brain_Anterior_cingulate_cortex_BA24	0.891438988			Brain_Hippocampus				
	5.7505651	0.02103768	0.232226409	-1.519381491	0.825242281				
	-0.184830815	0.797927163	8	0	0.998207054				
VAMP3	ENSG00000049245.12	0.447006178	6	4	0.055695401				
	Brain_Putamen_basal_ganglia	0.357259617			Brain_Cerebellar_Hemisphere	4.49925708			
	0.044205213	0.185213255	-1.913411443	-0.920599398	-1.439371197				
	0.335467525	4	0	0.998207054					
VPS8	ENSG00000156931.15	0.447016604	11	3	0.187410323				
	Brain_Frontal_Cortex_BA9	0.939106322			Brain_Putamen_basal_ganglia				
	9.435602693	0.007702327	0.35411653	-0.076393146	1.318278838				
	0.451419619	0.368370321	3	0	0.998207054				
LINC02137	ENSG00000260186.5	0.447277065	5	3	0.293169058				
	Brain_Cerebellum	0.435003467			Brain_Putamen_basal_ganglia	2.991488062			
	0.00354746	0.913309489	-1.051194959	0.894330797	0.107707367				
	1.000567809	3	0	0.998207054					
MRPL20	ENSG00000242485.5	0.447348543	11	2	0.136081899				
	Brain_Hypothalamus	0.450418753			Brain_Hippocampus	9.99719844	8.56E-05		
	0.457743062	-1.490541553	-0.754717084	-1.141580608	0.210325362				
	2	0	0.998207054						
PIGU	ENSG00000101464.10	0.447349507	4	4	0.136784077				
	Brain_Caudate_basal_ganglia	0.527665209			Brain_Cortex	1.805542394			
	0.317235252	0.317235252	-0.781967987	1.487874184	0.256373188				
	1.135183853	4	0	0.998207054					
GSTM5	ENSG00000134201.10	0.447413849	13	5	0.144867422				
	Brain_Cerebellar_Hemisphere	9.950215276			Brain_Cortex	0.003054471			
	0.400041813	-1.109527538	1.457902489	0.76876035	0.722752254				5
	0	0.998207054							
GLE1	ENSG00000119392.14	0.447513555	1	1	0.447513555				
	Brain_Spinal_cord_cervical_c-1	0.447513555			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.759566826	0.759566826	0.759566826	NA	1	0
	0.998207054								
TNFAIP8	ENSG00000145779.7	0.447548263	2	2	0.206118993				
	Brain_Cerebellar_Hemisphere	0.298466956			Brain_Cerebellum	1.861443288			
	0.138556712	0.138556712	1.039726563	1.264309411	1.152017987				
	0.158804055	2	0	0.998207054					
RP11-449D8.5	ENSG00000266573.5	0.447673782	1	1	0.447673782				
	Brain_Cortex	0.447673782			Brain_Cortex	1	1	1	-0.759298889
	-0.759298889	-0.759298889	NA	1	0	0.998207054			
ZNF503	ENSG00000165655.16	0.447906195	3	3	0.131962322				
	Brain_Amygdala	0.824970493			Brain_Cerebellar_Hemisphere	1.834092132			
	0.175531447	0.175531447	-0.22115661	1.506408568	0.503858547				
	0.896598886	3	0	0.998207054					
ACOX2	ENSG00000168306.12	0.44797686	3	3	0.140163649				
	Brain_Caudate_basal_ganglia	0.901255839			Brain_Nucleus_accumbens_basal_ganglia				
	1.225924538	0.738159679	0.738159679	-0.124075067	1.475181891				
	0.602280345	0.809637284	3	0	0.998207054				
C16orf45	ENSG00000166780.10	0.447986377	1	1	0.447986377				
	Brain_Amygdala	0.447986377			Brain_Amygdala	1	1	1	0.758776314
	0.758776314	0.758776314	NA	1	0	0.998207054			
MCCC1	ENSG00000078070.12	0.447997007	8	6	0.269069797				
	Brain_Caudate_basal_ganglia	0.989107892			Brain_Nucleus_accumbens_basal_ganglia				
	5.596593415	0.067444691	0.202595311	-0.892625244	1.105207247				
	-0.030573964	0.594445026	6	0	0.998207054				
TTYH1	ENSG00000167614.13	0.448041641	1	1	0.448041641				
	Brain_Putamen_basal_ganglia	0.448041641			Brain_Putamen_basal_ganglia	1			1
	1	0.758683948	0.758683948	0.758683948	NA	1			0
	0.998207054								
PARP3	ENSG00000041880.14	0.448181056	1	1	0.448181056				
	Brain_Frontal_Cortex_BA9	0.448181056			Brain_Frontal_Cortex_BA9	1			1

	1	0.758450967	0.758450967	0.758450967	NA	1	0
		0.998207054					
FBXO15		ENSG00000141665.11	0.448183465	3	3	0.279792268	
		Brain_Nucleus_accumbens_basal_ganglia	0.975628389			Brain_Caudate_basal_ganglia	
		2.035048283	0.369764046	0.369764046	-1.08078611	0.342047405	
		-0.25642958	0.737821103	3	0	0.998207054	
TMEM50A		ENSG00000183726.10	0.448271248	6	5	0.086704907	
		Brain_Cerebellum	0.262791622			Brain_Nucleus_accumbens_basal_ganglia	
		4.064242715	0.025987618	0.150311847	-1.713041489	-1.119817308	
		-1.389822634	0.257382258	5	0	0.998207054	
CDKN2D		ENSG00000129355.6	0.448342117	3	2	0.172738044	
		Brain_Caudate_basal_ganglia	0.29724762			Brain_Cerebellum	2.59198172
		0.354032001	-1.363458534	-1.042353925	-1.176750143	0.053986279	0.166821656
		2	0	0.998207054			
LINC02119		ENSG00000248461.1	0.448348263	1	1	0.448348263	
		Brain_Nucleus_accumbens_basal_ganglia	0.448348263				
		Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.758171597	
		-0.758171597	-0.758171597	NA	1	0	0.998207054
MYOM3		ENSG00000142661.18	0.448488052	2	2	0.532247345	
		Brain_Cerebellar_Hemisphere	0.858279643			Brain_Cerebellum	1.930768988
		0.069231012	0.069231012	-0.624579093	-0.178564536	-0.401571815	
		0.315379918	2	0	0.998207054		
CA14		ENSG00000118298.10	0.448644141	5	2	0.158659126	
		Brain_Frontal_Cortex_BA9	0.395982604			Brain_Nucleus_accumbens_basal_ganglia	
		4.545962578	0.035520563	0.262788203	0.848817943	1.409595605	
		1.193575029	0.227470249	2	0	0.998207054	
KB-1471A8.1		ENSG00000245330.4	0.448701641	2	2	0.222853137	
		Brain_Hypothalamus	0.376593184			Brain_Nucleus_accumbens_basal_ganglia	
		1.8657342	0.1342658	0.1342658	0.884190875	1.218976435	1.051583655
		0.23672914	2	0	0.998207054		
SDHAF4		ENSG00000154079.5	0.448715741	9	5	0.060670345	
		Brain_Hypothalamus	0.842710615			Brain_Nucleus_accumbens_basal_ganglia	
		6.201445258	0.024372857	0.308243874	0.198427485	1.875890301	
		1.265426133	0.529138936	5	0	0.998207054	
SH2D6		ENSG00000152292.16	0.448759199	10	8	0.062139284	
		Brain_Cerebellar_Hemisphere	0.482494782			Brain_Nucleus_accumbens_basal_ganglia	
		4.401886961	0.058719448	0.150177819	-1.865300581	0.823899664	
		-1.083893087	0.746234755	8	0	0.998207054	
SF3B2		ENSG00000087365.15	0.448799171	8	1	0.305425504	
		Brain_Frontal_Cortex_BA9	0.751821766			Brain_Hippocampus	7.701692294
		0.000198249	7.701692294	0.316238133	1.02486794	0.741370766	
		0.231274177	1	0	0.998207054		
MRPL14		ENSG00000180992.6	0.448840771	10	4	0.179145042	
		Brain_Caudate_basal_ganglia	0.985830778			Brain_Nucleus_accumbens_basal_ganglia	
		7.796953901	3.80E-05	0.282765031	-1.343392106	0.231555254	
		-0.381178839	0.537530572	4	0	0.998207054	
OSBPL10		ENSG00000144645.13	0.448973667	3	3	0.181941314	
		Brain_Cerebellar_Hemisphere	0.371810951			Brain_Spinal_cord_cervical_c-1	
		1.620751631	0.37971409	0.37971409	-1.334801524	0.893086314	
		-0.507149499	1.219327766	3	0	0.998207054	
DRG2		ENSG00000108591.9	0.449075148	6	3	0.112631202	
		Brain_Putamen_basal_ganglia	0.315465779			Brain_Cerebellar_Hemisphere	
		4.938154291	0.002672023	0.325143442	1.003819176	1.58647675	
		1.362492292	0.221076915	3	0	0.998207054	
NMD3		ENSG00000169251.12	0.449112847	4	4	0.092183621	
		Brain_Hypothalamus	0.922603584			Brain_Nucleus_accumbens_basal_ganglia	
		2.003016546	0.321475654	0.321475654	-0.19706723	1.6839899	
		0.538546493	0.877173871	4	0	0.998207054	
SNF8		ENSG00000159210.9	0.449167715	12	2	0.127050028	
		Brain_Hippocampus	0.614142143			Brain_Frontal_Cortex_BA9	10.60332795
		0.007890014	0.409140339	0.504169682	1.525838749	1.132748251	
		0.300737147	2	0	0.998207054		

SIRPA	ENSG00000198053.11	0.449171138	2	2	0.562412739	Brain_Cortex
	0.94937487 Brain_Cerebellum	1.910887782			0.089112218	0.089112218
	0.063491824	0.5792615	0.321376662		0.364704236	2 0
	0.998207054					
RABGAP1L	ENSG00000152061.23	0.449258334	5	5	0.112631244	
	Brain_Cerebellar_Hemisphere	0.971411122			Brain_Cerebellum	1.601152477
	0.477984618	0.477984618	-0.89153615		1.586476564	0.337266816
	1.059780851	5 0	0.998207054			
ACOX1	ENSG00000161533.11	0.449506972	4	4	0.102340569	
	Brain_Putamen_basal_ganglia	0.807983153			Brain_Cerebellar_Hemisphere	
	1.302628477	0.606272502	0.606272502		-1.633610941	0.514750719
	-0.508345731	0.896280948	4 0		0.998207054	
RMND5B	ENSG00000145916.18	0.449629763	1	1	0.449629763	
	Brain_Putamen_basal_ganglia	0.449629763			Brain_Putamen_basal_ganglia	1 1
	1 0.756032412	0.756032412	0.756032412		NA 1 0	
	0.998207054					
CCNL2	ENSG00000221978.11	0.44975887	1	1	0.44975887	Brain_Substantia_nigra
	0.44975887 Brain_Substantia_nigra		1	1	1 0.755817088	
	0.755817088	0.755817088	NA 1		0.998207054	
PTGFR	ENSG00000122420.9	0.44986503	1	1	0.44986503	
	Brain_Spinal_cord_cervical_c-1	0.44986503			Brain_Spinal_cord_cervical_c-1	1
	1 1 0.755640061	0.755640061			0.755640061	NA 1 0
	0.998207054					
STK17A	ENSG00000164543.5	0.449884303	3	3	0.172808328	
	Brain_Cortex	0.562076071			Brain_Cerebellum	1.850840196
	0.12203107	0.579760599	1.363235418		0.959359742	0.392301173
	0 0.998207054					3
TRIM35	ENSG00000104228.12	0.449943804	11	8	0.041786231	
	Brain_Substantia_nigra	0.958572262			Brain_Frontal_Cortex_BA9	
	4.599101339	0.034099502	0.206426044		-2.035642856	1.298094277
	-0.437064828	0.897957289	8 0		0.998207054	
COL7A1	ENSG00000114270.17	0.450028782	2	2	0.206481325	
	Brain_Putamen_basal_ganglia	0.894694978			Brain_Cortex	1.129100635
	0.870899365	0.870899365	0.132365782		1.263300171	0.697832976
	0.799691375	2 0	0.998207054			
LMO3	ENSG00000048540.14	0.450066262	1	1	0.450066262	
	Brain_Nucleus_accumbens_basal_ganglia	0.450066262				
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1		-0.755304562	
	-0.755304562	-0.755304562	NA 1		0.998207054	
SRRT	ENSG00000087087.18	0.450094899	1	1	0.450094899	Brain_Cerebellum
	0.450094899	Brain_Cerebellum	1 1		-0.755256824	-0.755256824
	-0.755256824	NA 1	0		0.998207054	
RNF168	ENSG00000163961.4	0.450110622	3	3	0.20902366	
	Brain_Cerebellar_Hemisphere	0.593472942			Brain_Hypothalamus	1.059752066
	0.924929194	0.924929194	0.533810076		1.256254646	0.888679586
	0.361389834	3 0	0.998207054			
SLC35C1	ENSG00000181830.8	0.450130373	1	1	0.450130373	
	Brain_Hippocampus	0.450130373			Brain_Hippocampus	1 1 1
	-0.755197692	-0.755197692	-0.755197692		NA 1 0	0.998207054
ARL6IP6	ENSG00000177917.10	0.450174247	7	6	0.017989075	
	Brain_Frontal_Cortex_BA9	0.932853112			Brain_Hypothalamus	2.572958707
	0.074923121	0.478438918	-0.38263566		2.365842925	0.882062266
	0.953866001	6 0	0.998207054			
AC005618.6	ENSG00000272070.1	0.450187072	2	2	0.263804982	
	Brain_Cerebellum	0.514862549			Brain_Frontal_Cortex_BA9	1.056126651
	0.943873349	0.943873349	0.65128497		1.117442943	0.884363957
	0.329623464	2 0	0.998207054			
GGCT	ENSG00000006625.17	0.450258066	9	6	0.204510077	Brain_Cortex
	0.942119243	Brain_Caudate_basal_ganglia	4.907608242		0.021386281	
	0.398290059	-0.764187452	1.268806527		0.3839862	0.62681326 6 0
	0.998207054					
AGO4	ENSG00000134698.10	0.450351135	2	2	0.293658892	

	Brain_Anterior_cingulate_cortex_BA24	0.46338749	Brain_Cerebellum	1.030172222				
	0.969827778	0.969827778	0.733280296	1.050128815	0.891704555			
	0.224045736	2	0	0.998207054				
SIRPB2	ENSG00000196209.12	0.450355913	8	8	0.090509883			
	Brain_Amygdala	0.952171311	Brain_Nucleus_accumbens_basal_ganglia					
	2.720612673	0.144446746	0.144446746	-1.585578289	1.692714189			
	-0.644068141	1.093814463	8	0	0.998207054			
TP53AIP1	ENSG00000120471.15	0.450393381	1	1	0.450393381			
	Brain_Cortex	0.450393381	Brain_Cortex	1	1	1	0.754759363	
	0.754759363	0.754759363	NA	1	0	0.998207054		
MAP1LC3B	ENSG00000140941.12	0.450568977	3	3	0.288467206			
	Brain_Anterior_cingulate_cortex_BA24	0.784296034	Brain_Cerebellum					
	1.785860854	0.217023696	0.217023696	-1.061490152	0.273724909			
	-0.441572479	0.672698136	3	0	0.998207054			
SRSF9	ENSG00000111786.8	0.450572419	1	1	0.450572419			
	Brain_Nucleus_accumbens_basal_ganglia	0.450572419						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.754461059			
	-0.754461059	-0.754461059	NA	1	0	0.998207054		
CAMK1G	ENSG00000008118.9	0.450602491	1	1	0.450602491			
	Brain_Cerebellum	0.450602491	Brain_Cerebellum	1	1	1	-0.754410962	
	-0.754410962	-0.754410962	NA	1	0	0.998207054		
ITFG2	ENSG00000111203.11	0.450755129	1	1	0.450755129			
	Brain_Nucleus_accumbens_basal_ganglia	0.450755129						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.754156709			
	-0.754156709	-0.754156709	NA	1	0	0.998207054		
HEATR4	ENSG00000187105.8	0.450938462	3	3	0.163441591			
	Brain_Substantia_nigra	0.822291865	Brain_Anterior_cingulate_cortex_BA24					
	1.336774727	0.661654986	0.661654986	-1.393589533	0.224598201			
	-0.508000104	0.819870477	3	0	0.998207054			
ZNF132	ENSG00000131849.11	0.450994532	3	2	0.299818946			
	Brain_Cerebellar_Hemisphere	0.395995049	Brain_Spinal_cord_cervical_c-1					
	1.993094292	0.033518555	0.973387153	-1.03682173	-0.848795583			
	-0.961184396	0.099254529	2	0	0.998207054			
GOLGA80	ENSG00000206127.10	0.451105954	6	6	0.184159576			
	Brain_Anterior_cingulate_cortex_BA24	0.937187453	Brain_Caudate_basal_ganglia					
	1.813739305	0.32446887	0.32446887	-1.328056097	1.327447882			
	-0.32756818	1.167905189	6	0	0.998207054			
EMC7	ENSG00000134153.9	0.451144328	1	1	0.451144328			
	Brain_Hippocampus	0.451144328	Brain_Hippocampus	1	1	1		
	-0.753508629	-0.753508629	-0.753508629	NA	1	0	0.998207054	
LENG8	ENSG00000167615.16	0.451163935	2	2	0.422002938			
	Brain_Cerebellar_Hemisphere	1.702444201	Brain_Cerebellum					
	0.897645794	0.297555799	-0.802951205	0.128635855	-0.337157675	0.658731527		
	0.297555799	-0.802951205	0.128635855	-0.337157675	0.658731527			
	2	0	0.998207054					
ARHGAP31	ENSG00000031081.10	0.451179081	2	2	0.259713043			
	Brain_Hippocampus	0.630727135	Brain_Cerebellum	1.07514985	0.92485015			
	0.92485015	0.480703652	1.127069629	0.803886641	0.457049766	2		
	0	0.998207054						
ZNF512B	ENSG00000196700.8	0.451218724	3	3	0.184954832			
	Brain_Hypothalamus	0.849654965	Brain_Caudate_basal_ganglia	1.334323813				
	0.665239645	0.665239645	-1.325652488	0.189558685	-0.652433846			
	0.77157611	3	0	0.998207054				
MYH3	ENSG00000109063.14	0.451239943	8	7	0.129833189			
	Brain_Caudate_basal_ganglia	0.967261856	Brain_Nucleus_accumbens_basal_ganglia					
	4.866458433	0.10108743	0.172682703	-1.514760017	0.390580412			
	-0.582517418	0.596639894	7	0	0.998207054			
LRRC37A3	ENSG00000176809.10	0.451312597	7	7	0.062369956			
	Brain_Caudate_basal_ganglia	0.92620682	Brain_Hypothalamus	2.095814098				
	0.45510627	0.45510627	-1.863656515	0.470170686	-0.811638795			
	0.955480916	7	0	0.998207054				
RP11-497E19.1	ENSG00000205562.2	0.4513981	1	1	0.4513981			
	Brain_Frontal_Cortex_BA9	0.4513981	Brain_Frontal_Cortex_BA9	1	1	1		

NFS1	0.753086227	0.753086227	0.753086227	NA	1	0	0.998207054
	ENSG00000244005.12	0.451442258	3	3	0.116946823		
	Brain_Substantia_nigra	0.736078103			Brain_Cerebellar_Hemisphere		
	1.647675385	0.436152753	0.436152753	0.337051467	1.567718583		
	1.044793069	0.635809034	3	0	0.998207054		
PRDM5	ENSG00000138738.10	0.451456563	1	1	0.451456563		
	Brain_Frontal_Cortex_BA9	0.451456563			Brain_Frontal_Cortex_BA9	1	1
	1	0.752988936	0.752988936	0.752988936	NA	1	0
	0.998207054						
THAP9	ENSG00000168152.12	0.451492075	2	2	0.210693861		
	Brain_Anterior_cingulate_cortex_BA24	0.713056925			Brain_Putamen_basal_ganglia		
	1.172553476	0.827446524	0.827446524	-0.36775366	1.251659782		
	0.441953061	1.145098227	2	0	0.998207054		
RP11-43F13.4	ENSG00000272347.1	0.451496304	3	3	0.201358859		
	Brain_Frontal_Cortex_BA9	0.951184905			Brain_Anterior_cingulate_cortex_BA24		
	2.303019592	0.078401637	0.078401637	-0.061218866	1.277689698		
	0.731613488	0.70273429	3	0	0.998207054		
TCAIM	ENSG00000179152.19	0.451614971	3	3	0.142711939		
	Brain_Hippocampus	0.694832594			Brain_Cortex	1.080298027	
	0.918471976	0.918471976	-1.465766394	0.490868846	-0.194197392		
	1.102313243	3	0	0.998207054			
SGCA	ENSG00000108823.15	0.451639753	13	5	0.104616124		
	Brain_Substantia_nigra	0.998148436			Brain_Spinal_cord_cervical_c-1		
	9.267312272	0.006096051	0.321346889	-1.091480914	1.622875023		
	0.162900742	0.618033166	5	0	0.998207054		
Clorf141	ENSG00000203963.11	0.451671634	3	3	0.11816654		
	Brain_Frontal_Cortex_BA9	0.852212142			Brain_Hypothalamus	1.67778755	
	0.333444977	0.333444977	-0.18629664	1.562515741	0.733198076		
	0.877886731	3	0	0.998207054			
AMMECR1L	ENSG00000144233.9	0.451996943	1	1	0.451996943		
	Brain_Substantia_nigra	0.451996943			Brain_Substantia_nigra	1	1
	1	0.75208999	0.75208999	0.75208999	NA	1	0
	0.998207054						
RP5-828H9.1	ENSG00000230563.2	0.452045862	12	12	0.027644478		
	Brain_Cerebellum	0.959605415			Brain_Cerebellar_Hemisphere	1.646910375	
	0.452135522	0.452135522	-2.20229499	0.52485692	-0.518610746		
	0.812157249	12	0	0.998207054			
NFIA	ENSG00000162599.15	0.452066129	1	1	0.452066129		Brain_Cerebellum
	0.452066129	Brain_Cerebellum	1	1	0.75197494	0.75197494	0.75197494
	NA	1	0	0.998207054			
ZBTB20-AS4	ENSG00000242767.1	0.452110864	2	2	0.285319457		
	Brain_Cortex	0.473281712			Brain_Hypothalamus	1.046787134	
	0.953212866	0.953212866	-1.068445821	-0.717149733	-0.892797777		
	0.248403846	2	0	0.998207054			
HPF1	ENSG00000056050.6	0.452117083	1	1	0.452117083		
	Brain_Nucleus_accumbens_basal_ganglia	0.452117083					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.751890215		
	-0.751890215	-0.751890215	NA	1	0	0.998207054	
FASTKD1	ENSG00000138399.17	0.45217775	12	3	0.297167934		
	Brain_Substantia_nigra	0.966610333			Brain_Hippocampus	9.898615156	
	0.005487703	0.37639245	-1.042525879	0.773220499	-0.000301978		
	0.485433769	3	0	0.998207054			
ZSCAN21	ENSG00000166529.14	0.452182666	11	4	0.118988738		
	Brain_Hypothalamus	0.79690377			Brain_Substantia_nigra	8.735617053	
	0.003349617	0.429773991	-1.559032288	-0.257356254	-0.919293639		
	0.425494488	4	0	0.998207054			
FAM227B	ENSG00000166262.15	0.452257992	5	4	0.416165835		
	Brain_Spinal_cord_cervical_c-1	0.975420892			Brain_Frontal_Cortex_BA9		
	3.768072904	0.057476895	0.202575042	-0.81309109	0.673740296		
	0.102199823	0.567884174	4	0	0.998207054		
BIRC5	ENSG00000089685.14	0.452483935	3	3	0.194276319		Brain_Cerebellum
	0.815560293	Brain_Cerebellar_Hemisphere	1.165175656	0.857402842			
	0.857402842	-1.298032058	1.068130136	-0.154386975	1.185051256		

3	0	0.998207054							
KRTAP5-4	ENSG00000241598.5	0.452498536	2	2	0.21780199	Brain_Cerebellum			
	0.873993061	Brain_Cerebellar_Hemisphere	1.3273609	0.6726391	0.6726391				
	-1.23239387	-0.158588537	-0.695491203	0.759295033	2	0			
	0.998207054								
IFT27	ENSG00000100360.14	0.452571026	12	4	0.258494562	Brain_Cerebellum			
	0.943083648	Brain_Amygdala	8.945225597	0.005243144	0.549031816				
	-1.06617466	1.129956483	0.1950605	0.573007275	4	0			
	0.998207054								
THSD4	ENSG00000187720.14	0.452592722	2	2	0.413775728				
	Brain_Caudate_basal_ganglia	0.662692242	Brain_Cerebellum	1.488800721					
	0.511199279	0.511199279	0.436199154	0.817267233	0.626733194				
	0.269455823	2	0	0.998207054					
C2CD2L	ENSG00000172375.12	0.452611624	1	1	0.452611624				
	Brain_Caudate_basal_ganglia	0.452611624	Brain_Caudate_basal_ganglia	1	1				
	1	0.75106818	0.75106818	0.75106818	NA	1	0	0.998207054	
LINC01444	ENSG00000264301.1	0.452781932	1	1	0.452781932				
	Brain_Cortex	0.452781932	Brain_Cortex	1	1	1	0.750785209		
	0.750785209	0.750785209	NA	1	0	0.998207054			
PCDH8	ENSG00000136099.13	0.452793793	3	3	0.115170467				
	Brain_Caudate_basal_ganglia	0.708296766	Brain_Cerebellar_Hemisphere						
	1.730978039	0.26940498	0.26940498	-0.374144563	1.575372591				
	0.753291538	1.009992853	3	0	0.998207054				
RIPPLY2	ENSG00000203877.8	0.452929855	2	2	0.231875762				
	Brain_Putamen_basal_ganglia	0.693203141	Brain_Amygdala	1.000978693					
	0.999021307	0.999021307	-1.195540912	0.394511903	-0.400514505				
	1.124337128	2	0	0.998207054					
PRRC2B	ENSG00000130723.18	0.453122838	1	1	0.453122838				
	Brain_Amygdala	0.453122838	Brain_Amygdala	1	1	1	0.750218966		
	0.750218966	0.750218966	NA	1	0	0.998207054			
CD180	ENSG00000134061.5	0.453128475	1	1	0.453128475				
	Brain_Caudate_basal_ganglia	0.453128475	Brain_Caudate_basal_ganglia	1	1				
	1	-0.750209605	-0.750209605	-0.750209605	NA	1	0		
	0.998207054								
WNT8A	ENSG00000061492.11	0.453163048	2	2	0.4001935	Brain_Cerebellum			
	0.677330171	Brain_Cerebellar_Hemisphere	1.480599029	0.519400971					
	0.519400971	-0.4161091	0.841275701	0.2125833	0.889105319	2	0		
	0.998207054								
WASF1	ENSG00000112290.12	0.453225116	1	1	0.453225116				
	Brain_Spinal_cord_cervical_c-1	0.453225116	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.75004913	-0.75004913	-0.75004913	NA	1	0
	0.998207054								
CTB-133G6.1	ENSG00000263264.1	0.453232314	1	1	0.453232314				
	Brain_Substantia_nigra	0.453232314	Brain_Substantia_nigra	1	1				
	1	0.750037178	0.750037178	0.750037178	NA	1	0		
	0.998207054								
PCSK6	ENSG00000140479.16	0.45331652	2	2	0.282830481	Brain_Cerebellum			
	0.536094133	Brain_Hippocampus	1.033336966	0.966663034					
	0.966663034	-0.618730167	1.073982597	0.227626215	1.196928674				
	2	0	0.998207054						
ANKK1	ENSG00000170209.4	0.453671349	7	4	0.131968855	Brain_Cortex			
	0.601962362	Brain_Nucleus_accumbens_basal_ganglia	4.226170665						
	0.013858553	0.632543899	-1.506383104	-0.521580616	-1.122378122				
	0.391682948	4	0	0.998207054					
CD24	ENSG00000272398.5	0.45368555	3	3	0.119441993				
	Brain_Cerebellar_Hemisphere	0.830135329	Brain_Hypothalamus	1.453698591					
	0.524816386	0.524816386	0.214528007	1.557120018	0.937144769				
	0.67715566	3	0	0.998207054					
EPHA8	ENSG00000070886.11	0.453686669	4	3	0.38456162	Brain_Cerebellum			
	0.836041446	Brain_Cortex	2.990193597	0.049419243	0.218596873				
	-0.478379044	0.86952211	0.105857669	0.588830278	3	0			
	0.998207054								

PYGM	ENSG00000068976.13	0.453711319	4	3	0.321964381	Brain_Cerebellum
	0.882904846	Brain_Hippocampus	3.531908374	0.004228422		
	0.185089759	-0.147287819	0.990429195	0.433292281	0.464769023	
	3	0	0.998207054			
AP4M1	ENSG00000221838.9	0.453723034	6	5	0.091893842	
	Brain_Nucleus_accumbens_basal_ganglia	0.738913591		Brain_Frontal_Cortex_BA9		
	2.867541811	0.015715782	0.139641896	-1.459765847	1.685491197	
	0.033576838	1.286318679	5	0	0.998207054	
GRAMD1C	ENSG00000178075.19	0.453737114	2	2	0.304606479	
	Brain_Cerebellar_Hemisphere	0.533175191		Brain_Cerebellum	1.09651996	0.90348004
	0.90348004	-0.623166382	1.026605042	0.20171933	1.166564561	2
	0.998207054					0
BNC2	ENSG00000173068.17	0.453746369	1	1	0.453746369	
	Brain_Hypothalamus	0.453746369		Brain_Hypothalamus	1	1
	-0.749183905	-0.749183905	-0.749183905	NA	1	0
						0.998207054
CHST1	ENSG00000175264.7	0.453779038	4	4	0.143792292	
	Brain_Frontal_Cortex_BA9	0.904087755		Brain_Nucleus_accumbens_basal_ganglia		
	1.51068019	0.51531674	0.51531674	-1.138269749	1.461813616	-0.021757909
	1.084639384	4	0	0.998207054		
NECTIN1	ENSG00000110400.10	0.453803934	2	2	0.260079883	
	Brain_Hippocampus	0.712237892		Brain_Cerebellum	1.161803236	
	0.838196764	0.838196764	0.368852202	1.126202342	0.747527272	
	0.535527419	2	0	0.998207054		
ASAH2	ENSG00000188611.14	0.453870716	13	2	0.184880479	
	Brain_Putamen_basal_ganglia	0.573833411		Brain_Substantia_nigra		
	11.99823807	9.87E-05	0.539844507	-1.325876891	-0.56241484	
	-1.163746699	0.193355096	2	0	0.998207054	
MRI1	ENSG00000037757.13	0.454023204	12	2	0.21874932	
	Brain_Nucleus_accumbens_basal_ganglia	0.76416889		Brain_Caudate_basal_ganglia		
	10.15439512	1.17E-17	0.442076919	-1.229860575	-0.300010836	
	-0.647851759	0.281078556	2	0	0.998207054	
ANAPC13	ENSG00000129055.12	0.454091036	9	5	0.136568156	
	Brain_Frontal_Cortex_BA9	0.948532759		Brain_Cerebellum	5.938809194	
	0.00716193	0.385638805	-1.488693278	0.324282112	-0.352661959	
	0.498809393	5	0	0.998207054		
PPA2	ENSG00000138777.19	0.454154404	12	3	0.072722266	
	Brain_Anterior_cingulate_cortex_BA24	0.550049486		Brain_Cerebellar_Hemisphere		
	10.57978948	0.00335991	0.380328028	-1.794569814	-0.597685974	
	-1.243971254	0.273212197	3	0	0.998207054	
WDFY2	ENSG00000139668.8	0.454433408	6	3	0.537877213	
	Brain_Hypothalamus	0.981222524		Brain_Cerebellum	4.770318604	
	0.001210863	0.1902836	-0.616026223	0.352871503	-0.086860845	
	0.411626653	3	0	0.998207054		
PTPRU	ENSG00000060656.19	0.454460366	5	5	0.106613661	
	Brain_Spinal_cord_cervical_c-1	0.868859526		Brain_Cortex	1.77084052	
	0.412774775	0.412774775	-1.280010585	1.613602562	0.059948245	
	1.105573094	5	0	0.998207054		
RPS6KB2	ENSG00000175634.14	0.454490185	2	2	0.219455579	
	Brain_Frontal_Cortex_BA9	0.677838115		Brain_Nucleus_accumbens_basal_ganglia		
	1.521161143	0.478838857	0.478838857	0.415415018	1.22797706	
	0.821696039	0.57456813	2	0	0.998207054	
CENPC	ENSG00000145241.10	0.45449256	8	5	0.136999539	Brain_Cerebellum
	0.830854984	Brain_Hypothalamus	4.720967134	0.021835375		
	0.250167998	-1.487057825	-0.213605149	-0.776660581	0.519494568	
	5	0	0.998207054			
TCTEX1D2	ENSG00000213123.10	0.45456716	5	4	0.154405604	Brain_Cerebellum
	0.616494885	Brain_Frontal_Cortex_BA9	3.54738716	0.090398124		
	0.240913635	0.500824153	1.424141192	0.859755425	0.425923309	
	4	0	0.998207054			
DNAH7	ENSG00000118997.13	0.454610682	9	2	0.164641024	
	Brain_Frontal_Cortex_BA9	0.837516859		Brain_Amygdala	7.390892169	
	0.001355508	0.809699679	-1.38963078	0.205507783	-0.705593744	

	0.48738859	2	0	0.998207054					
GATSL3	ENSG00000239282.7			0.454613372	5	4	0.304574946		
	Brain_Caudate_basal_ganglia	0.954867796					Brain_Cerebellar_Hemisphere		
	3.253704554	0.10613711	0.292162282				-1.026671984	0.301384855	
	-0.174842328	0.569159164	4	0			0.998207054		
AC073133.2	ENSG00000228569.1			0.454705959	2	2	0.321357049		
	Brain_Nucleus_accumbens_basal_ganglia	0.482872413					Brain_Hippocampus		
	1.067065512	0.932934488	0.932934488				-0.701690156	0.991673034	
	0.144991439	1.197388595	2	0			0.998207054		
LOX	ENSG00000113083.13			0.454751409	1	1	0.454751409		
	Brain_Spinal_cord_cervical_c-1	0.454751409					Brain_Spinal_cord_cervical_c-1		
	1	1	-0.747517225	-0.747517225			-0.747517225	NA	1
	0.998207054								0
ANGEL1	ENSG00000013523.9			0.454805262	6	6	0.048347137		
	Brain_Frontal_Cortex_BA9	0.922147924					Brain_Substantia_nigra		
	3.216836755	0.107324779	0.107324779				-0.097728449	1.974304436	
	0.871319594	0.795433323	6	0			0.998207054		
SPX	ENSG00000134548.9			0.454912842	7	5	0.445763531		
	Brain_Caudate_basal_ganglia	0.789961865					Brain_Putamen_basal_ganglia		
	4.090817426	0.044581089	0.222957706				-0.762496837	0.582398132	
	-0.207962614	0.569313192	5	0			0.998207054		
TMEM178A	ENSG00000152154.10			0.455115514	2	2	0.21548564	Brain_Cerebellum	
	0.796451808	Brain_Caudate_basal_ganglia	1.046502164				0.953497836		
	0.953497836	-1.238621668	0.257941821				-0.490339924	1.058230191	
	2	0	0.998207054						
GAS2	ENSG00000148935.10			0.455121103	4	4	0.112665721		
	Brain_Putamen_basal_ganglia	0.887619289					Brain_Caudate_basal_ganglia		
	2.290169772	0.192478861	0.192478861				-0.141317293	1.586324485	
	1.02034046	0.789514355	4	0			0.998207054		
PYCR1	ENSG00000183010.16			0.455307783	3	3	0.127872629		
	Brain_Substantia_nigra	0.658920396					Brain_Cerebellar_Hemisphere	1.22689914	
	0.787300527	0.787300527	-1.5225448				-0.441404208	-0.886120164	
	0.565491298	3	0	0.998207054					
TFB1M	ENSG00000029639.10			0.455356288	4	3	0.425102358		
	Brain_Hypothalamus	0.924126382					Brain_Frontal_Cortex_BA9	3.312794381	
	0.103633394	0.140521415	-0.797600505				0.463682437	-0.170514782	
	0.518940354	3	0	0.998207054					
RP11-416I2.1	ENSG00000260328.1			0.455384622	4	4	0.061361981		
	Brain_Putamen_basal_ganglia	0.935503412					Brain_Cerebellum	1.933597561	
	0.305604165	0.305604165	-1.870878085				0.080922718	-0.608010028	
	0.868388219	4	0	0.998207054					
MMP3	ENSG00000149968.11			0.455498619	3	3	0.171288557		
	Brain_Cerebellar_Hemisphere	0.642610714					Brain_Spinal_cord_cervical_c-1		
	1.123600438	0.842425973	0.842425973				-0.843343106	1.36807514	
	0.020226782	1.182576379	3	0			0.998207054		
PPIA	ENSG00000196262.13			0.455627712	2	2	0.280745469		
	Brain_Hypothalamus	0.438527791					Brain_Cortex	1.130604385	
	0.869395615	0.869395615	0.77468166	1.078646218			0.926663939		
	0.2149354	2	0	0.998207054					
RP11-147L13.13	ENSG00000277476.1			0.455712814	1	1	0.455712814		
	Brain_Putamen_basal_ganglia	0.455712814					Brain_Putamen_basal_ganglia	1	1
	1	0.745924847	0.745924847	0.745924847			NA	1	0
	0.998207054								
ANG	ENSG00000214274.9			0.455847549	1	1	0.455847549		
	Brain_Hypothalamus	0.455847549					Brain_Hypothalamus	1	1
	-0.745701838	-0.745701838	-0.745701838				NA	1	0
	0.998207054								
C22orf39	ENSG00000242259.8			0.455900814	4	4	0.11526733		
	Brain_Substantia_nigra	0.845357792					Brain_Amygdala	2.066330012	
	0.140524407	0.140524407	0.195044907				1.574952841	0.957574536	
	0.570849204	4	0	0.998207054					
SRM	ENSG00000116649.9			0.455930969	1	1	0.455930969		
	Brain_Hippocampus	0.455930969					Brain_Hippocampus	1	1
								1	

	0.74556378	0.74556378	0.74556378	NA	1	0	0.998207054		
FZD6	ENSG00000164930.11	0.455944073	7	6	0.036909168			Brain_Cortex	
	0.490551689	Brain_Putamen_basal_ganglia	3.622828791		0.079152094				
	0.167976394	0.689431622	2.086767368		1.148698327			0.495545219	
	6	0	0.998207054						
RNF212	ENSG00000178222.12	0.455994678	10	6	0.03195237				
	Brain_Hypothalamus	0.561921862	Brain_Cerebellar_Hemisphere	6.287071085					
	0.006040245	0.214364897	-2.145005962		-0.579989257			-1.406912272	
	0.403552892	6	0	0.998207054					
BTG4	ENSG00000137707.13	0.456054874	1	1	0.456054874				
	Brain_Hypothalamus	0.456054874	Brain_Hypothalamus	1	1	1			
	-0.74535875	-0.74535875	-0.74535875	NA	1	0		0.998207054	
CTD-2534I21.8	ENSG00000267334.1	0.45606238	1	1	0.45606238				
	Brain_Substantia_nigra	0.45606238	Brain_Substantia_nigra	1	1	1			
	-0.74534633	-0.74534633	-0.74534633	NA	1	0		0.998207054	
SSR3	ENSG00000114850.6	0.45608017	2	2	0.276244475				
	Brain_Caudate_basal_ganglia	0.84849128	Brain_Hippocampus	1.356718611					
	0.643281389	0.643281389	-0.191043797		1.088794597			0.4488754	
	0.904982407	2	0	0.998207054					
PECAM1	ENSG00000261371.5	0.456116731	1	1	0.456116731				
	Brain_Nucleus_accumbens_basal_ganglia	0.456116731							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.745256403				
	0.745256403	0.745256403	NA	1	0	0.998207054			
RRAD	ENSG00000166592.11	0.456125283	1	1	0.456125283				
	Brain_Caudate_basal_ganglia	0.456125283	Brain_Caudate_basal_ganglia	1	1				
	1	-0.745242254	-0.745242254	-0.745242254	NA	1	0		
	0.998207054								
PPARGC1B	ENSG00000155846.16	0.456231345	1	1	0.456231345				
	Brain_Cortex	0.456231345	Brain_Cortex	1	1	1		-0.74506679	
	-0.74506679	-0.74506679	NA	1	0	0.998207054			
S100A16	ENSG00000188643.10	0.456442305	4	3	0.210122724				
	Brain_Cerebellar_Hemisphere	0.77820421	Brain_Anterior_cingulate_cortex_BA24						
	3.316942498	0.019324472	0.252056159		0.281660024			1.253228051	
	0.744577872	0.511013873	3	0	0.998207054				
IKBKE	ENSG00000263528.7	0.456443108	5	5	0.280245058				
	Brain_Caudate_basal_ganglia	0.942600919	Brain_Anterior_cingulate_cortex_BA24						
	2.282243057	0.145502036	0.145502036		-1.079769001			-0.072001243	
	-0.618842637	0.466285373	5	0	0.998207054				
ANK3	ENSG00000151150.21	0.456466359	1	1	0.456466359				
	Brain_Hypothalamus	0.456466359	Brain_Hypothalamus	1	1	1			
	-0.744678071	-0.744678071	-0.744678071	NA	1	0		0.998207054	
AC106869.2	ENSG00000226087.1	0.456469165	1	1	0.456469165				
	Brain_Cortex	0.456469165	Brain_Cortex	1	1	1		-0.74467343	
	-0.74467343	-0.74467343	NA	1	0	0.998207054			
ZNF519	ENSG00000175322.11	0.456469673	12	3	0.130740626				
	Brain_Anterior_cingulate_cortex_BA24	0.539928776	Brain_Frontal_Cortex_BA9						
	10.43191513	8.83E-18	0.405506641		-1.511187738			-0.612920698	
	-1.151579656	0.252147629	3	0	0.998207054				
SUPT4H1	ENSG00000213246.6	0.456499876	9	5	0.061873291				
	Brain_Hypothalamus	0.88529599	Brain_Spinal_cord_cervical_c-1	6.103800068					
	0.004986775	0.483179499	-0.635389171		1.867202673			-0.119816731	
	0.819870737	5	0	0.998207054					
TMED7	ENSG00000134970.13	0.45657667	1	1	0.45657667				
	Brain_Anterior_cingulate_cortex_BA24	0.45657667							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.744495654				
	0.744495654	0.744495654	NA	1	0	0.998207054			
NFATC2IP	ENSG00000176953.12	0.456582585	2	2	0.229537446				
	Brain_Cortex	0.529048806	Brain_Caudate_basal_ganglia	1.239015831					
	0.760984169	0.760984169	0.629458688		1.201551231			0.91550496	
	0.404530516	2	0	0.998207054					
SULT1A2	ENSG00000197165.10	0.456676281	13	3	0.141969453				
	Brain_Cortex	0.777563258	Brain_Cerebellar_Hemisphere	11.29694198					

	0.001919424	0.490175558	0.282495941	1.468496327	1.066877131			
	0.351817887	3	0	0.998207054				
BMPR1B-AS1	ENSG00000249599.1	0.456698326	1	1	0.456698326			
	Brain_Caudate_basal_ganglia	0.456698326		Brain_Caudate_basal_ganglia	1	1		
	1	0.744294504	0.744294504	0.744294504	NA	1	0	
	0.998207054							
FOS	ENSG00000170345.9	0.456833264	1	1	0.456833264			
	Brain_Substantia_nigra	0.456833264		Brain_Substantia_nigra	1	1		
	1	-0.744071428	-0.744071428	-0.744071428	NA	1	0	
	0.998207054							
SLC29A2	ENSG00000174669.11	0.456917664	1	1	0.456917664			
	Brain_Nucleus_accumbens_basal_ganglia	0.456917664						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.743931919			
	0.743931919	0.743931919	NA	1	0	0.998207054		
ARHGEF33	ENSG00000214694.10	0.456977555	3	3	0.126412969			
	Brain_Caudate_basal_ganglia	0.879253367		Brain_Hippocampus	1.04637076			
	0.955938298	0.955938298	-1.528401151	0.513608733	-0.388902731			
	1.041428444	3	0	0.998207054				
GSTM1	ENSG00000134184.12	0.457022433	13	12	0.041039997		Brain_Cerebellum	
	0.765284572	Brain_Putamen_basal_ganglia	5.027312003	0.109699377				
	0.17129474	-0.448826683	2.043125693	0.782537003	0.670703868		12	
	0	0.998207054						
IRF7	ENSG00000185507.19	0.457241992	3	3	0.188093529		Brain_Cerebellum	
	0.284082628	Brain_Cerebellar_Hemisphere	1.929627517	0.22424807	0.22424807			
	-1.31623992	-1.071193067	-1.162227837	0.134114117	3	0		
	0.998207054							
SLC04A1	ENSG00000101187.15	0.457300802	2	2	0.257234229			
	Brain_Amygdala	0.597685351		Brain_Cerebellum	1.002289111	0.997710889		
	0.997710889	-1.132952433	-0.527732012	-0.830342222	0.427955464			
	2	0	0.998207054					
FAM71E2	ENSG00000180043.11	0.457392314	1	1	0.457392314			
	Brain_Cerebellum	0.457392314		Brain_Cerebellum	1	1	1	-0.743147616
	-0.743147616	-0.743147616	NA	1	0	0.998207054		
MYO5C	ENSG00000128833.12	0.457413983	2	2	0.263272043			
	Brain_Cerebellar_Hemisphere	0.467244115		Brain_Hippocampus	1.155961627			
	0.844038373	0.844038373	-1.118690866	-0.726970357	-0.922830611			
	0.276988228	2	0	0.998207054				
C1orf52	ENSG00000162642.13	0.457421046	3	3	0.171882805			
	Brain_Cerebellar_Hemisphere	0.595814587		Brain_Caudate_basal_ganglia				
	1.884151084	0.185098029	0.185098029	-1.366178942	0.530428908			
	-0.51268647	0.962417773	3	0	0.998207054			
FAM60A	ENSG00000139146.13	0.457510731	2	2	0.26868458		Brain_Cerebellum	
	0.525831778	Brain_Cerebellar_Hemisphere	1.046583621	0.953416379				
	0.953416379	-1.1060969	0.634381657	-0.235857622	1.23070419	2	0	
	0.998207054							
PAK5	ENSG00000101349.16	0.457548298	2	2	0.215014074		Brain_Cerebellum	
	0.340887823	Brain_Cerebellar_Hemisphere	1.839375324	0.160624676				
	0.160624676	-1.23989543	-0.952412499	-1.096153964	0.20328113	2		
	0	0.998207054						
EEFSEC	ENSG00000132394.10	0.457593839	7	3	0.4832329			
	Brain_Anterior_cingulate_cortex_BA24	0.940854569		Brain_Cortex				
	6.066265796	0.007753024	0.234246777	-0.701112355	0.483750051			
	-0.081642643	0.471153769	3	0	0.998207054			
TNS3	ENSG00000136205.16	0.457673407	5	4	0.184261158			
	Brain_Hypothalamus	0.971295301		Brain_Putamen_basal_ganglia	2.55561185			
	0.047807883	0.511214839	-1.327748642	1.027402199	-0.072711106			
	0.88686843	4	0	0.998207054				
TECR	ENSG00000099797.13	0.45770314	4	2	0.267082983			
	Brain_Putamen_basal_ganglia	0.756006039		Brain_Nucleus_accumbens_basal_ganglia				
	3.153578811	0.088262724	0.657655294	-0.631401405	1.109805188			
	0.351382052	0.733246944	2	0	0.998207054			
ADCY8	ENSG00000155897.9	0.457715243	2	2	0.211327269		Brain_Amygdala	

	0.99931417	Brain_Cortex	1.020562043	0.979437957	0.979437957		
	-1.249924116		-0.000859561	-0.625391838	0.883222017	2	0
	0.998207054						
LINC00941	ENSG00000235884.3		0.457740687	3	3	0.107359751	
	Brain_Putamen_basal_ganglia	0.956511272		Brain_Cortex	1.217377007		
	0.84602638	0.84602638	0.054532053	1.610174572	0.617266153		0.86243456
	3	0	0.998207054				
AK7	ENSG00000140057.8		0.457767594	2	2	0.211898566	
	Brain_Frontal_Cortex_BA9	0.950955047		Brain_Putamen_basal_ganglia			
	1.102008496	0.897991504	0.897991504	-1.248361871	0.061507493		
	-0.593427189	0.92621751	2	0	0.998207054		
CTD-3234P18.6	ENSG00000276071.1		0.457808856	2	2	0.321087371	
	Brain_Cerebellum	0.664350359		Brain_Nucleus_accumbens_basal_ganglia			
	1.294892101	0.705107899	0.705107899	-0.992225838	0.433914735		
	-0.279155551	1.00843367	2	0	0.998207054		
GPR20	ENSG00000204882.3		0.457816942	2	2	0.225409187	
	Brain_Substantia_nigra	0.732948925		Brain_Anterior_cingulate_cortex_BA24			
	1.030048275	0.969951725	0.969951725	-1.212269626	-0.341205444		
	-0.776737535	0.615935391	2	0	0.998207054		
HADH	ENSG00000138796.16		0.457913418	1	1	0.457913418	
	Brain_Cerebellar_Hemisphere	0.457913418		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.74228708	-0.74228708	-0.74228708	NA	1	0
	0.998207054						
IGLL1	ENSG00000128322.6		0.45796597	2	2	0.228017113	
	Brain_Cerebellar_Hemisphere	0.350374975		Brain_Cerebellum	1.545406409		
	0.454593591	0.454593591	0.933862209	1.20548244	1.069672325		
	0.192064507	2	0	0.998207054			
SELENOS	ENSG00000131871.14		0.458123177	1	1	0.458123177	
	Brain_Caudate_basal_ganglia	0.458123177		Brain_Caudate_basal_ganglia	1	1	
	1	-0.741940845	-0.741940845	-0.741940845	NA	1	0
	0.998207054						
ECH1	ENSG00000104823.8		0.458168723	7	6	0.089840563	
	Brain_Nucleus_accumbens_basal_ganglia	0.954667303		Brain_Hippocampus			
	4.332431265	0.142273706	0.222354936	-0.608232505	1.696239339		
	0.589797876	0.717949436	6	0	0.998207054		
LINC01977	ENSG00000262772.1		0.458240728	1	1	0.458240728	
	Brain_Amygdala	0.458240728		Brain_Amygdala	1	1	1
	-0.741746851	-0.741746851	NA	1	0	0.998207054	-0.741746851
ZNF697	ENSG00000143067.4		0.458368459	8	8	0.18711097	
	Brain_Cerebellar_Hemisphere	0.789601453		Brain_Amygdala	2.92831883		
	0.106240079	0.106240079	-1.230684218	1.319173934	0.180396377		
	0.924658977	8	0	0.998207054			
RP11-143M1.3	ENSG00000227917.2		0.458376664	1	1	0.458376664	
	Brain_Putamen_basal_ganglia	0.458376664		Brain_Putamen_basal_ganglia	1	1	
	1	-0.741522551	-0.741522551	-0.741522551	NA	1	0
	0.998207054						
C1GALT1	ENSG00000106392.10		0.458405352	13	2	0.172015067	
	Brain_Frontal_Cortex_BA9	0.725215059		Brain_Putamen_basal_ganglia			
	11.62833155	0.001678234	0.73194239	-1.365757573	-0.351497619		
	-0.899472868	0.260922555	2	0	0.998207054		
RP11-212I21.2	ENSG00000260135.6		0.45843236	1	1	0.45843236	
	Brain_Spinal_cord_cervical_c-1	0.45843236		Brain_Spinal_cord_cervical_c-1	1	1	
	1	1	0.74143066	0.74143066	0.74143066	NA	1
	0.998207054						
WNT10B	ENSG00000169884.13		0.458454365	4	4	0.251066062	
	Brain_Anterior_cingulate_cortex_BA24	0.87218283		Brain_Frontal_Cortex_BA9			
	2.887823602	0.106966293	0.106966293	-1.147763856	0.428377422		
	-0.288112521	0.650332905	4	0	0.998207054		
RP11-48B3.3	ENSG00000254162.1		0.458578706	1	1	0.458578706	
	Brain_Cerebellum	0.458578706		Brain_Cerebellum	1	1	1
	0.74118924	0.74118924	NA	1	0	0.998207054	0.74118924
	0.998207054						
TMC1	ENSG00000165091.15		0.458836915	3	3	0.128698449	
	Brain_Hippocampus			Brain_Cortex			
	0.884604057		1.330205474	0.475473735			

	0.475473735	-1.519254494	0.440646849	-0.311157452	1.056624634		
	3	0	0.998207054				
TRIAPI1	ENSG00000170855.3	0.458873233	1	1	0.458873233		
	Brain_Substantia_nigra	0.458873233			Brain_Substantia_nigra	1	1
	1	0.740703507	0.740703507	0.740703507	NA	1	0
	0.998207054						
RP11-589B3.6	ENSG00000226676.1	0.45914576	5	5	0.050363416		
	Brain_Frontal_Cortex_BA9	0.902296684			Brain_Cerebellum1.379554568		
	0.695560044	0.695560044	-0.459761092	1.956864374	0.574374006		
	0.963215412	5	0	0.998207054			
ENG	ENSG00000106991.13	0.459189456	1	1	0.459189456		
	Brain_Nucleus_accumbens_basal_ganglia	0.459189456					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.740182185		
	-0.740182185	-0.740182185	NA	1	0	0.998207054	
DLST	ENSG00000119689.14	0.459293993	2	2	0.221065113		
	Brain_Caudate_basal_ganglia	0.610542037			Brain_Cerebellum1.22322533	0.77677467	
	0.77677467	-0.509299888	1.223700812	0.357200462	1.225416547	2	
	0	0.998207054					
LCN8	ENSG00000204001.9	0.459446682	5	1	0.437461706	Brain_Cerebellum	
	0.495156605	Brain_Frontal_Cortex_BA9	4.976728064	0.000325738			
	4.976728064	0.682130233	0.77648664	0.738019176	0.047944589	1	
	0	0.998207054					
EGFR	ENSG00000146648.17	0.459452115	5	5	0.23204009		
	Brain_Caudate_basal_ganglia	0.524826372			Brain_Cortex	3.00654255	
	0.181784251	0.181784251	-1.195120151	1.149823284	0.450077627		
	0.941669635	0	0.998207054				
NECAB2	ENSG00000103154.9	0.459496514	4	4	0.130858379		
	Brain_Caudate_basal_ganglia	0.896865953			Brain_Putamen_basal_ganglia		
	1.515800141	0.487838648	0.487838648	-1.510725593	0.403242005		
	-0.493318081	0.822635813	4	0	0.998207054		
XKR6	ENSG00000171044.10	0.459602504	1	1	0.459602504		
	Brain_Anterior_cingulate_cortex_BA24	0.459602504					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.739501541		
	-0.739501541	-0.739501541	NA	1	0	0.998207054	
NPR2	ENSG00000159899.14	0.459625765	1	1	0.459625765	Brain_Cerebellum	
	0.459625765	Brain_Cerebellum1	1	1	0.739463221	0.739463221	
	0.739463221	NA	1	0	0.998207054		
KCNMB4	ENSG00000135643.4	0.459778312	7	5	0.121917592		
	Brain_Caudate_basal_ganglia	0.936983108			Brain_Hypothalamus	3.798126952	
	0.07829936	0.206912252	-1.546774661	0.923094869	-0.494913693		
	1.034886276	5	0	0.998207054			
ANKRD13D	ENSG00000172932.14	0.459932365	1	1	0.459932365		
	Brain_Cerebellar_Hemisphere	0.459932365			Brain_Cerebellar_Hemisphere1	1	1
	1	0.738958224	0.738958224	0.738958224	NA	1	0
	0.998207054						
ACTR2	ENSG00000138071.13	0.459940178	4	4	0.442554678		
	Brain_Nucleus_accumbens_basal_ganglia	0.854833281			Brain_Caudate_basal_ganglia		
	3.259877019	0.16743304	0.16743304	-0.7678864	0.338732958	-0.180169805	
	0.526988148	4	0	0.998207054			
CEP152	ENSG00000103995.13	0.46003784	3	2	0.24221131	Brain_Cortex	
	0.692948881	Brain_Cerebellar_Hemisphere	1.940416289	0.059157558			
	1.000426153	-1.169477478	-0.394856383	-0.676078585	0.428688315		
	2	0	0.998207054				
SNRPN	ENSG00000128739.21	0.460078595	2	2	0.212740772	Brain_Cortex	
	0.980983399	Brain_Caudate_basal_ganglia	1.014084093	0.985915907			
	0.985915907	-1.24606435	-0.023836032	-0.634950191	0.864245932		
	2	0	0.998207054				
RFESD	ENSG00000175449.13	0.460164778	2	2	0.245557824		
	Brain_Caudate_basal_ganglia	0.72196739	Brain_Cerebellar_Hemisphere	1.613535921			
	0.386464079	0.386464079	-0.355830656	1.161206765	0.402688055		
	1.072707448	2	0	0.998207054			
HIGD2A	ENSG00000146066.2	0.46036684	1	1	0.46036684		

	Brain_Frontal_Cortex_BA9	0.46036684	Brain_Frontal_Cortex_BA9	1	1	1	
	0.738242929	0.738242929	0.738242929	NA	1	0	0.998207054
ZADH2	ENSG00000180011.6	0.460465447	2	1	0.383618555		Brain_Cortex
	0.557519908	Brain_Spinal_cord_cervical_c-1			1.950495426		0.049504574
	1.950495426	-0.871248369	-0.586529255		-0.728888812		0.201326817
	1	0	0.998207054				
CTC-534A2.2	ENSG00000253251.2	0.460519312	3	3	0.166845591		
	Brain_Cerebellum	0.77356276	Brain_Nucleus_accumbens_basal_ganglia	1.757867846			
	0.24774644	0.24774644	-1.382410837		-0.287717805		-0.780582908
	0.555421355	3	0	0.998207054			
GTF3C4	ENSG00000125484.11	0.46059517	2	2	0.227203817		
	Brain_Nucleus_accumbens_basal_ganglia	0.799413444			Brain_Cerebellum		
	1.040799948	0.959200052	0.959200052		-0.25410629		1.207593094
	0.476743402	1.033577547	2	0	0.998207054		
CARF	ENSG00000138380.17	0.460598896	3	3	0.132533709		
	Brain_Spinal_cord_cervical_c-1	0.678471047			Brain_Cerebellum	2.258600846	
	0.250627509	0.250627509	0.414550424		1.504185114		0.821535207
	0.594827189	3	0	0.998207054			
SYNE4	ENSG00000181392.14	0.460672207	1	1	0.460672207		
	Brain_Caudate_basal_ganglia	0.460672207			Brain_Caudate_basal_ganglia	1	1
	1	0.737740417	0.737740417	0.737740417	NA	1	0
	0.998207054						
EMC6	ENSG00000127774.6	0.460761647	1	1	0.460761647		
	Brain_Cerebellar_Hemisphere	0.460761647			Brain_Cerebellar_Hemisphere	1	1
	1	0.737593268	0.737593268	0.737593268	NA	1	0
	0.998207054						
CISH	ENSG00000114737.15	0.460789206	1	1	0.460789206		Brain_Amygdala
	0.460789206	Brain_Amygdala	1	1	1	-0.737547932	-0.737547932
	-0.737547932	NA	1	0	0.998207054		
ILDR2	ENSG00000143195.12	0.460820514	1	1	0.460820514		
	Brain_Frontal_Cortex_BA9	0.460820514			Brain_Frontal_Cortex_BA9	1	1
	1	-0.737496429	-0.737496429	-0.737496429	NA	1	0
	0.998207054						
ANTXR2	ENSG00000163297.16	0.460860695	2	2	0.255895904		
	Brain_Frontal_Cortex_BA9	0.56283845	Brain_Anterior_cingulate_cortex_BA24				
	1.062674686	0.937325314	0.937325314		0.578630603		1.136144954
	0.857387779	0.394222178	2	0	0.998207054		
GNRH1	ENSG00000147437.9	0.460876244	1	1	0.460876244		
	Brain_Anterior_cingulate_cortex_BA24	0.460876244					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.737404756		
	-0.737404756	-0.737404756	NA	1	0	0.998207054	
DCLK2	ENSG00000170390.15	0.460893701	5	4	0.111914762		
	Brain_Nucleus_accumbens_basal_ganglia	0.576145783			Brain_Cortex		
	3.257435902	0.09972231	0.298567297		-1.589645381		0.559340601
	-0.853089198	0.882196111	4	0	0.998207054		
RIT2	ENSG00000152214.12	0.460907066	3	3	0.170746016		
	Brain_Caudate_basal_ganglia	0.985763289			Brain_Substantia_nigra		
	1.718784342	0.34436888	0.34436888	0.017844018	1.369810651		
	0.527395968	0.734882061	3	0	0.998207054		
PDZD8	ENSG00000165650.11	0.460977027	13	3	0.068113932		Brain_Cortex
	0.325585765	Brain_Anterior_cingulate_cortex_BA24	10.8865449		0.003440412		
	0.476758878	0.983044037	1.824252338		1.384806117		0.24994627
	0	0.998207054					3
MUC5B	ENSG00000117983.17	0.461074771	2	2	0.234302179		Brain_Cortex
	0.351503598	Brain_Frontal_Cortex_BA9	1.910525919		0.089474081		
	0.089474081	-1.189349463	-0.931676765		-1.060513114		0.182202112
	2	0	0.998207054				
USP31	ENSG00000103404.14	0.461221866	5	4	0.120289054		
	Brain_Frontal_Cortex_BA9	0.892555705			Brain_Substantia_nigra		
	2.119273151	0.041089184	0.609566138		-0.746080034		1.553561478
	0.47599319	0.966078023	4	0	0.998207054		
GATB	ENSG00000059691.11	0.461277862	6	3	0.167102539		

	Brain_Hippocampus	0.803881175		Brain_Frontal_Cortex_BA9	4.599620391			
	0.010192483	0.465741965		0.248327304	1.381574009			1.004356049
	0.395699347	3	0	0.998207054				
ZNF324	ENSG00000083812.11	0.461447341		6	6	0.093865312		
	Brain_Cerebellar_Hemisphere	0.909085732		Brain_Cerebellum	2.402999637			
	0.393727715	0.393727715		-0.274359538	1.675351372			0.570372656
	0.771398315	6	0	0.998207054				
TRIM47	ENSG00000132481.6	0.462003357		6	5	0.054038321		
	Brain_Cerebellum	0.575698608		Brain_Putamen_basal_ganglia	3.406241588			
	0.02610169	0.197378138		-1.92652927	-0.559678707			-1.275890797
	0.512935491	5	0	0.998207054				
SFRP1	ENSG00000104332.11	0.462014868		4	4	0.107801554		Brain_Amygdala
	0.893377629	Brain_Cerebellum	1.899751854		0.098431956			0.098431956
	-0.574687708	1.60815355	0.552943282		0.966422093	4		0
	0.998207054							
TREH	ENSG00000118094.11	0.462118844		1	1	0.462118844		
	Brain_Cerebellar_Hemisphere	0.462118844		Brain_Cerebellar_Hemisphere	1	1		
	1	-0.735362351	-0.735362351	-0.735362351	NA	1		0
	0.998207054							
MPP2	ENSG00000108852.14	0.462139956		7	6	0.093068935		
	Brain_Frontal_Cortex_BA9	0.919848361		Brain_Cerebellar_Hemisphere				
	2.917099832	0.073535017		0.286293823	-1.679426589			0.131879023
	-0.845436786	0.750545439		6	0	0.998207054		
PHKB	ENSG00000102893.15	0.462239866		1	1	0.462239866		Brain_Cerebellum
	0.462239866	Brain_Cerebellum	1	1	1	-0.735163598		-0.735163598
	-0.735163598	NA	1	0	0.998207054			
LCE1A	ENSG00000186844.5	0.462296101		1	1	0.462296101		
	Brain_Spinal_cord_cervical_c-1	0.462296101		Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.735071253	0.735071253			0.735071253
	0.998207054							NA
								1
								0
DENND5B	ENSG00000170456.15	0.462305018		2	2	0.32971708		
	Brain_Nucleus_accumbens_basal_ganglia	0.388601335		Brain_Frontal_Cortex_BA9				
	1.098273486	0.901726514		0.901726514	0.862156624			0.974683903
	0.918420264	0.079568802		2	0	0.998207054		
CHMP7	ENSG00000147457.13	0.462307404		3	3	0.332419245		
	Brain_Cerebellar_Hemisphere	0.874090583		Brain_Cerebellum	1.869782316			
	0.155136128	0.155136128		-0.969252455	0.299110555			-0.276202222
	0.642326057	3	0	0.998207054				
SF3B1	ENSG00000115524.15	0.46233296		4	3	0.131229262		
	Brain_Caudate_basal_ganglia	0.625414663		Brain_Cortex	3.380364636			
	0.063350364	0.130485592		-1.509272098	-0.488190853			-0.984288314
	0.439560359	3	0	0.998207054				
WIPI2	ENSG00000157954.14	0.462467103		2	2	0.244421871		
	Brain_Putamen_basal_ganglia	0.662359387		Brain_Cortex	1.00318178	0.99681822		
	0.99681822	-1.164005282		0.436658008	-0.363673637			1.131839867
	0	0.998207054						2
LEPR	ENSG00000116678.19	0.462547656		4	4	0.099589059		Brain_Cerebellum
	0.982050358	Brain_Cortex	2.654461175		0.233019134			0.233019134
	-0.022498439	1.646849133		0.963440773	0.742950167			4
	0.998207054							0
UBE2N	ENSG00000177889.9	0.462578552		2	2	0.278066753		
	Brain_Frontal_Cortex_BA9	0.41280672		Brain_Cerebellar_Hemisphere	1.210218516			
	0.789781484	0.789781484		-1.084672452	-0.818964409			-0.95181843
	0.187883959	2	0	0.998207054				
NAT6	ENSG00000243477.5	0.462645618		7	7	0.095689857		
	Brain_Frontal_Cortex_BA9	0.954456575		Brain_Hypothalamus	1.706566217			
	0.427272302	0.427272302		-1.597655654	1.666118285			-0.066268512
	1.065643266	7	0	0.998207054				
PDDC1	ENSG00000177225.16	0.462724095		2	2	0.214948185		
	Brain_Frontal_Cortex_BA9	0.965468193		Brain_Spinal_cord_cervical_c-1				
	1.012561221	0.987438779		0.987438779	0.043292722			1.240073566
	0.641683144	0.84625185	2	0	0.998207054			

PPP1R1B ENSG00000131771.13 0.463013686 1 1 0.463013686
 Brain_Cerebellar_Hemisphere 0.463013686 Brain_Cerebellar_Hemisphere 1 1
 1 -0.733893438 -0.733893438 -0.733893438 NA 1 0
 0.998207054
 G6PC3 ENSG00000141349.8 0.463039771 6 3 0.117597073
 Brain_Caudate_basal_ganglia 0.63721194 Brain_Cerebellar_Hemisphere 4.667267872
 0.004316314 0.405043791 0.471600542 1.564939598 0.935856316
 0.490423871 3 0 0.998207054
 LARP4B ENSG00000107929.14 0.463051592 1 1 0.463051592
 Brain_Cerebellar_Hemisphere 0.463051592 Brain_Cerebellar_Hemisphere 1 1
 1 0.73383125 0.73383125 0.73383125 NA 1 0 0.998207054
 LRFN1 ENSG00000128011.4 0.463058802 2 2 0.228797448 Brain_Cerebellum
 0.991707339 Brain_Putamen_basal_ganglia 1.235611395 0.764388605
 0.764388605 0.010393496 1.203462362 0.606927929 0.843627085
 2 0 0.998207054
 CCDC167 ENSG00000198937.8 0.46309153 13 3 0.066096354
 Brain_Putamen_basal_ganglia 0.68930772 Brain_Cortex 11.05868414
 0.000970279 0.545606679 -1.837769659 -0.39979472 -1.316305197
 0.333234244 3 0 0.998207054
 TNS2 ENSG00000111077.17 0.463194249 12 7 0.06540244 Brain_Cerebellum
 0.993153681 Brain_Amygdala 5.679855582 0.000967508 0.290226905
 -0.782068237 1.84249731 0.483619501 0.881801676 7 0
 0.998207054
 RP3-395M20.12 ENSG00000272449.1 0.46319941 2 2 0.217172329
 Brain_Cerebellum 0.840884052 Brain_Spinal_cord_cervical_c-1 1.059611894
 0.940388106 0.940388106 -1.234082056 0.2007628 -0.516659628
 1.014588527 2 0 0.998207054
 CIB4 ENSG00000157884.10 0.463275458 1 1 0.463275458 Brain_Cerebellum
 0.463275458 Brain_Cerebellum 1 1 1 -0.733464031 -0.733464031
 -0.733464031 NA 1 0 0.998207054
 AC007879.4 ENSG00000225916.1 0.463328794 2 2 0.217860207
 Brain_Hippocampus 0.872620291 Brain_Caudate_basal_ganglia 1.014710872
 0.985289128 0.985289128 -1.23223796 0.160331062 -0.535953449
 0.984694999 2 0 0.998207054
 CHRNA4 ENSG00000101204.16 0.463332233 7 7 0.049026039
 Brain_Nucleus_accumbens_basal_ganglia 0.812679866 Brain_Cerebellar_Hemisphere
 2.193000678 0.450048225 0.450048225 -1.968365148 1.751992119
 -0.453756605 1.128020218 7 0 0.998207054
 CYB5D2 ENSG00000167740.9 0.463335297 1 1 0.463335297
 Brain_Spinal_cord_cervical_c-1 0.463335297 Brain_Spinal_cord_cervical_c-1
 1 1 1 0.73336589 0.73336589 0.73336589 NA 1 0 0.998207054
 CD59 ENSG00000085063.14 0.46353922 9 6 0.213597697
 Brain_Putamen_basal_ganglia 0.77616814 Brain_Substantia_nigra 4.675349336
 1.12E-06 0.481227649 -0.876344858 1.243733406 0.041240465
 0.679740372 6 0 0.998207054
 ARHGAP8 ENSG00000241484.9 0.463653077 1 1 0.463653077
 Brain_Hypothalamus 0.463653077 Brain_Hypothalamus 1 1 1
 -0.732844827 -0.732844827 -0.732844827 NA 1 0 0.998207054
 NSA2 ENSG00000164346.9 0.463690531 13 1 0.358465358
 Brain_Substantia_nigra 0.532270462 Brain_Cortex 12.91233147
 7.42E-06 12.91233147 0.624543881 0.918293254 0.730606083
 0.070994463 1 0 0.998207054
 HPR ENSG00000261701.6 0.463763229 13 7 0.258679184
 Brain_Hippocampus 0.95936811 Brain_Anterior_cingulate_cortex_BA24
 7.591525452 0.021878735 0.281679588 -1.129518466 0.820848855
 -0.491284376 0.580440197 7 0 0.998207054
 RP4-614C10.2 ENSG00000283196.1 0.463788504 3 2 0.217081391
 Brain_Anterior_cingulate_cortex_BA24 0.942330195 Brain_Frontal_Cortex_BA9
 2.001629923 3.25E-06 0.99836683 -0.085801575 1.234326161
 0.358727719 0.75832036 2 0 0.998207054
 ZNF155 ENSG00000204920.10 0.464064941 6 6 0.105030734
 Brain_Nucleus_accumbens_basal_ganglia 0.828579215 Brain_Cortex

	2.431104336	0.344923622	0.344923622	-1.620938942	0.376258651				
	-0.464494874	0.653413453	6	0	0.998207054				
RHOBTB3	ENSG00000164292.12	0.464168676	1	1	0.464168676				
	Brain_Caudate_basal_ganglia	0.464168676	Brain_Caudate_basal_ganglia	1	1				
	1	0.731999822	0.731999822	0.731999822	NA	1	0		
	0.998207054								
TEX30	ENSG00000151287.16	0.464174068	1	1	0.464174068	Brain_Cerebellum			
	0.464174068	Brain_Cerebellum	1	1	-0.731990989	-0.731990989			
	-0.731990989	NA	1	0	0.998207054				
KLHL36	ENSG00000135686.12	0.464213019	11	6	0.086527576				
	Brain_Cortex	0.561263197	Brain_Hippocampus	6.677751024					
	0.011352881	0.313640662	-0.872146368	1.714006261	0.64863763				
	0.776040588	6	0	0.998207054					
SRI	ENSG00000075142.13	0.464224826	1	1	0.464224826				
	Brain_Spinal_cord_cervical_c-1	0.464224826	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.731907831	0.731907831	0.731907831	NA	1	0
	0.998207054								
GNPAT	ENSG00000116906.11	0.464383364	6	3	0.298440519				
	Brain_Hippocampus	0.912655329	Brain_Spinal_cord_cervical_c-1	5.09296971					
	0.010542383	0.253806848	-0.109689877	1.039783452	0.405698542				
	0.369396983	3	0	0.998207054					
KDM4D	ENSG00000186280.6	0.464412266	1	1	0.464412266				
	Brain_Hypothalamus	0.464412266	Brain_Hypothalamus	1	1	1			
	-0.73160079	-0.73160079	-0.73160079	NA	1	0	0.998207054		
PPP1R16B	ENSG00000101445.9	0.464482077	2	2	0.289056558				
	Brain_Cerebellum	0.477439374	Brain_Anterior_cingulate_cortex_BA24						
	1.067776671	0.932223329	0.932223329	-1.060193543	-0.710427017				
	-0.88531028	0.247322282	2	0	0.998207054				
KLF9	ENSG00000119138.4	0.464525381	1	1	0.464525381	Brain_Cerebellum			
	0.464525381	Brain_Cerebellum	1	1	-0.731415532	-0.731415532			
	-0.731415532	NA	1	0	0.998207054				
FHAD1	ENSG00000142621.19	0.464774833	1	1	0.464774833				
	Brain_Spinal_cord_cervical_c-1	0.464774833	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.731007072	-0.731007072	-0.731007072	NA	1	0
	0.998207054								
LEKR1	ENSG00000197980.12	0.464853801	6	5	0.152934768				
	Brain_Cerebellar_Hemisphere	0.833810323	Brain_Cortex	4.355752809					
	0.102387889	0.145283045	-0.209817233	1.429241727	0.806526187				
	0.556654566	5	0	0.998207054					
POLR2J	ENSG00000005075.15	0.464950614	2	2	0.632993192				
	Brain_Hippocampus	0.708451178	Brain_Anterior_cingulate_cortex_BA24						
	1.762863569	0.237136431	0.237136431	-0.373937013	0.47751816				
	0.051790574	0.602069727	2	0	0.998207054				
C14orf2	ENSG00000156411.9	0.465051851	3	3	0.161354535				
	Brain_Amygdala	0.614272766	Brain_Cerebellum	1.698895257	0.243963368				
	0.243963368	-0.509238507	1.40053044	0.129102713	1.101091845	3			
	0	0.998207054							
PIGG	ENSG00000174227.15	0.465196941	5	4	0.097114063				
	Brain_Anterior_cingulate_cortex_BA24	0.556771419	Brain_Hippocampus						
	3.394385668	0.048226522	0.275506533	0.587643779	1.65900858				
	1.16573164	0.423377465	4	0	0.998207054				
LCMT1-AS1	ENSG00000260448.5	0.465217242	1	1	0.465217242				
	Brain_Putamen_basal_ganglia	0.465217242	Brain_Putamen_basal_ganglia	1	1				
	1	0.73028296	0.73028296	0.73028296	NA	1	0	0.998207054	
C2orf72	ENSG00000204128.5	0.46561862	3	3	0.214460489	Brain_Cerebellum			
	0.774668605	Brain_Hippocampus	1.171114126	0.834290213					
	0.834290213	-0.945020883	1.241393311	0.19421533	1.096110303	3			
	0	0.998207054							
CAP2	ENSG00000112186.11	0.465686792	2	2	0.269815663	Brain_Cerebellum			
	0.530137524	Brain_Cerebellar_Hemisphere	1.064769437	0.935230563					
	0.935230563	0.627796096	1.103487163	0.86564163	0.336364379	2			
	0	0.998207054							

TFB2M	ENSG00000162851.7	0.465708199	2	2	0.227379622				
	Brain_Caudate_basal_ganglia	0.756561961				Brain_Spinal_cord_cervical_c-1			
	1.03587946	0.96412054	0.96412054	-1.207136391	-0.309998679			-0.758567535	
	0.63437216	2	0	0.998207054					
STK39	ENSG00000198648.10	0.465713129	3	3	0.200170686				
	Brain_Putamen_basal_ganglia	0.789604332				Brain_Spinal_cord_cervical_c-1			
	2.037388771	0.219359304	0.219359304		-0.266824445			1.281065428	
	0.485914377	0.774816018	3	0	0.998207054				
RALY	ENSG00000125970.11	0.46571748	1	1	0.46571748	Brain_Hippocampus			
	0.46571748	Brain_Hippocampus	1	1	1	0.729464656		0.729464656	
	0.729464656	NA	1	0	0.998207054				
RP11-326A	19.4	ENSG00000260123.1	0.465821602	1	1	0.465821602			
	Brain_Spinal_cord_cervical_c-1	0.465821602				Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.729294391	-0.729294391	-0.729294391	NA	1	0
	0.998207054								
RP11-574K	11.29	ENSG00000272140.2	0.465873894	3	3	0.219694065			
	Brain_Cerebellar_Hemisphere	0.709525393				Brain_Substantia_nigra			
	1.637424497	0.268367115	0.268367115		-0.372493577			1.227342029	
	0.430454145	0.799935018	3	0	0.998207054				
LINC00504	ENSG00000248360.7	0.466087233	2	2	0.21672028	Brain_Cerebellum			
	0.710179201	Brain_Cerebellar_Hemisphere	1.322614055		0.677385945				
	0.677385945	0.371615427	1.23529622	0.803455823	0.610714545			2	
	0	0.998207054							
POLR2D	ENSG00000144231.10	0.46626094	11	2	0.422655351				
	Brain_Anterior_cingulate_cortex_BA24	0.99593502	Brain_Cortex		9.837189829				
	0.000945764	0.471822102	-0.801823002	0.1050594	-0.205635806				
	0.286341145	2	0	0.998207054					
ANGPTL7	ENSG00000171819.4	0.466524859	1	1	0.466524859				
	Brain_Substantia_nigra	0.466524859	Brain_Substantia_nigra		1	1			
	1	0.728144952	0.728144952	0.728144952	NA	1	0		
	0.998207054								
LUC7L	ENSG00000007392.16	0.466555218	2	2	0.25170747				
	Brain_Caudate_basal_ganglia	0.998790419				Brain_Nucleus_accumbens_basal_ganglia			
	1.370819472	0.629180528	0.629180528		-1.146211937			0.001515985	
	-0.572347976	0.811566197	2	0	0.998207054				
RP11-506M	13.3	ENSG00000244733.5	0.466697483	8	8	0.103551957			
	Brain_Hippocampus	0.937432302	Brain_Putamen_basal_ganglia		1.679567747				
	0.510334386	0.510334386	-1.627872341	0.426874181	-0.443885571				
	0.815114307	8	0	0.998207054					
Clorf101	ENSG00000179397.17	0.466848624	1	1	0.466848624				
	Brain_Cerebellum	0.466848624	Brain_Cerebellum		1	1	1	0.727616097	
	0.727616097	0.727616097	NA	1	0	0.998207054			
CD7	ENSG00000173762.7	0.466915332	1	1	0.466915332				
	Brain_Frontal_Cortex_BA9	0.466915332	Brain_Frontal_Cortex_BA9		1	1			
	1	0.727507157	0.727507157	0.727507157	NA	1	0		
	0.998207054								
CDH3	ENSG00000062038.13	0.467033748	6	3	0.274286664				
	Brain_Caudate_basal_ganglia	0.976953168	Brain_Putamen_basal_ganglia						
	4.344157646	0.087180189	0.517542652		-1.093244044			0.494640306	
	-0.246647113	0.642441637	3	0	0.998207054				
LA16c-312E	8.5	ENSG00000284395.1	0.467093484	5	5	0.077830388			
	Brain_Cerebellar_Hemisphere	0.645035093	Brain_Hypothalamus		1.49328293				
	0.607468152	0.607468152	-1.763415792	0.737939314	-0.349413715				
	0.994384096	5	0	0.998207054					
PYCRL	ENSG00000104524.13	0.467163881	10	6	0.287390623				
	Brain_Hypothalamus	0.912047958	Brain_Caudate_basal_ganglia		6.32607503				
	0.028562834	0.24047067	-0.719759216	1.063863317	0.384781665				
	0.55565281	6	0	0.998207054					
ARHGAP32	ENSG00000134909.18	0.467175168	2	2	0.326537254				
	Brain_Cortex	0.463219737	Brain_Cerebellum		1.014651854			0.985348146	
	0.985348146	0.733555424	0.981112526	0.857333975	0.175049305				
	2	0	0.998207054						

RP11-587P21.2	ENSG00000257893.2	0.467197922	1	1	0.467197922			
	Brain_Cerebellum	0.467197922	Brain_Cerebellum	1	1	0.727045764		
	0.727045764	0.727045764	NA	1	0	0.998207054		
EPHA4	ENSG00000116106.11	0.467268487	3	3	0.231042371			
	Brain_Cerebellar_Hemisphere	0.777138152	Brain_Putamen_basal_ganglia					
	1.348819052	0.626422571	0.626422571	-1.197678068	0.893369871			
	-0.195786221	1.048251715	3	0	0.998207054			
HDLBP	ENSG00000115677.16	0.467294056	11	3	0.268008258			
	Brain_Hippocampus	0.886315719	Brain_Cerebellum	8.855416023				
	0.001619801	0.432785933	-0.388304015	1.107660978	0.625587632			
	0.51879979	3	0	0.998207054				
SSH3	ENSG00000172830.12	0.467489467	6	2	0.51628918			
	Brain_Frontal_Cortex_BA9	0.995634083	Brain_Hypothalamus	5.428742896				
	0.014730546	0.25846069	-0.649076114	0.196963303	-0.285686194			
	0.31628631	2	0	0.998207054				
ATG2B	ENSG00000066739.11	0.467519511	1	1	0.467519511			
	Brain_Substantia_nigra	0.467519511	Brain_Substantia_nigra	1	1			
	1	-0.726520881	-0.726520881	-0.726520881	NA	1	0	
	0.998207054							
AC004471.10	ENSG00000272682.1	0.467599995	2	2	0.246752773			
	Brain_Cerebellum	0.550465555	Brain_Cerebellar_Hemisphere	1.754849155				
	0.245150845	0.245150845	-1.15827269	-0.597062647	-0.877667669			
	0.396835427	2	0	0.998207054				
AC010731.4	ENSG00000235118.7	0.467651701	1	1	0.467651701			
	Brain_Putamen_basal_ganglia	0.467651701	Brain_Putamen_basal_ganglia	1	1			
	1	0.726305186	0.726305186	0.726305186	NA	1	0	
	0.998207054							
RP11-213G21.2	ENSG00000251635.1	0.467699208	1	1	0.467699208			
	Brain_Hippocampus	0.467699208	Brain_Hippocampus	1	1	1		
	-0.726227676	-0.726227676	-0.726227676	NA	1	0	0.998207054	
KBTBD11	ENSG00000176595.3	0.467817482	3	3	0.124307401			
	Brain_Nucleus_accumbens_basal_ganglia	0.988979306	Brain_Cerebellum					
	2.019696172	0.067463808	0.067463808	-1.536942458	0.134667904			
	-0.462820574	0.932177479	3	0	0.998207054			
AC083843.1	ENSG00000259820.1	0.467823496	10	7	0.084903803			
	Brain_Cerebellum	0.981296741	Brain_Anterior_cingulate_cortex_BA24					
	5.867538683	0.013156371	0.217447697	-1.381701853	1.72291552			
	0.533768552	0.966245569	7	0	0.998207054			
PTPN18	ENSG00000072135.12	0.46791322	3	2	0.147302186			
	Brain_Cerebellum							
	0.411697494	Brain_Substantia_nigra	2.434947397	0.037764487				
	0.527288116	0.820910071	1.44912676	1.084094645	0.326257173		2	
	0	0.998207054						
EHMT2	ENSG00000204371.11	0.468011444	3	3	0.163203684			
	Brain_Putamen_basal_ganglia	0.774358365	Brain_Cerebellar_Hemisphere					
	1.141886975	0.868744717	0.868744717	-0.614622659	1.394377351			
	0.35547779	1.006265496	3	0	0.998207054			
DGCR14	ENSG00000100056.11	0.468068264	2	2	0.498508871			
	Brain_Hippocampus	0.591871261	Brain_Cerebellar_Hemisphere	1.513381522				
	0.486618478	0.486618478	-0.676837802	-0.536126306	-0.606482054			
	0.099498053	2	0	0.998207054				
GOLGA8H	ENSG00000261794.1	0.468162078	8	8	0.10029145			
	Brain_Caudate_basal_ganglia	0.982313428	Brain_Nucleus_accumbens_basal_ganglia					
	2.437224395	0.453149219	0.453149219	-0.725327084	1.643442321			
	0.282180382	0.875548828	8	0	0.998207054			
LINC00571	ENSG00000223685.5	0.4682126	6	6	0.248963451			
	Brain_Amygdala							
	0.90485029	Brain_Frontal_Cortex_BA9	3.350808794	0.177981339				
	0.177981339	-1.152870721	0.721372564	-0.464721367	0.745348917			
	6	0	0.998207054					
CTD-2509G16.2	ENSG00000255002.1	0.46822152	2	2	0.408106302			
	Brain_Nucleus_accumbens_basal_ganglia	0.565388977	Brain_Putamen_basal_ganglia					
	1.342041232	0.657958768	0.657958768	-0.574855575	0.827230721			
	0.126187573	0.991424728	2	0	0.998207054			

EFCAB11	ENSG00000140025.15	0.46824688	9	1	0.315477663				
	Brain_Putamen_basal_ganglia	0.896517854				Brain_Hypothalamus	8.226967256		
	0.004235053	8.226967256	0.130061393			1.003794528	0.693722142		
	0.278403232	1	0	0.998207054					
NOC2L	ENSG00000188976.10	0.468251923	4	4	0.110483303				
	Brain_Hypothalamus	0.941213005				Brain_Cerebellar_Hemisphere	2.593430489		
	0.096244505	0.096244505	-1.596024592			0.07374536	-0.738043174		
	0.68938309	4	0	0.998207054					
HPGD	ENSG00000164120.13	0.468323254	2	2	0.293959856				
	Brain_Hypothalamus	0.508512036				Brain_Cortex	1.015638589		
	0.984361411	0.984361411	-0.661156373			1.049474346	0.194158987		
	1.209598582	2	0	0.998207054					
PLA2G2C	ENSG00000187980.6	0.468334178	1	1	0.468334178				
	Brain_Cerebellum	0.468334178				Brain_Cerebellum	1	1	-0.725192118
	-0.725192118	-0.725192118	NA	1	0	0.998207054			
RASGRP4	ENSG00000171777.15	0.468521974	3	3	0.246827166				
	Brain_Hippocampus	0.596344421				Brain_Cortex	1.189405129		
	0.893687967	0.893687967	-0.828727274			1.158090353	0.286342596		
	1.015512338	3	0	0.998207054					
SYNDIG1L	ENSG00000183379.8	0.468540196	4	4	0.216634833				
	Brain_Cortex	0.983412172				Brain_Putamen_basal_ganglia	1.363607644		
	0.770575909	0.770575909	-1.235525928			0.020791258	-0.815468434		
	0.586704755	4	0	0.998207054					
FCGR3B	ENSG00000162747.9	0.468585859	1	1	0.468585859				
	Brain_Amygdala	0.468585859				Brain_Amygdala	1	1	0.724781871
	0.724781871	0.724781871	NA	1	0	0.998207054			
CCDC155	ENSG00000161609.9	0.468680609	2	1	0.432639512				
	Brain_Cerebellar_Hemisphere	0.51100667				Brain_Cerebellum	1.979899709		
	0.020100291	1.979899709	0.657271016			0.784682899	0.720976957		
	0.090093807	1	0	0.998207054					
KB-1460A1.1	ENSG00000253395.1	0.468681998	1	1	0.468681998				
	Brain_Anterior_cingulate_cortex_BA24	0.468681998							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.724625195				
	-0.724625195	-0.724625195	NA	1	0	0.998207054			
PQLC2	ENSG00000040487.12	0.4687181	4	3	0.121028295				
	Brain_Nucleus_accumbens_basal_ganglia	2.892324137				Brain_Hypothalamus			
	0.651462049	Brain_Nucleus_accumbens_basal_ganglia	2.892324137						
	0.048500051	0.271626489	-1.550471891			-0.451732018	-0.756536864		
	0.530223577	3	0	0.998207054					
ZNF217	ENSG00000171940.13	0.468824252	1	1	0.468824252				
	Brain_Cerebellum	0.468824252				Brain_Cerebellum	1	1	-0.724393397
	-0.724393397	-0.724393397	NA	1	0	0.998207054			
ELMO2	ENSG00000062598.17	0.468848577	1	1	0.468848577				
	Brain_Cortex	1	1	1	0.724353765				
	0.468848577	Brain_Cortex	1	1	1	0.724353765	0.724353765		
	0.724353765	NA	1	0	0.998207054				
NIN	ENSG00000100503.23	0.468938449	2	2	0.346725822				
	Brain_Frontal_Cortex_BA9	1.018753373				Brain_Cerebellum			
	0.417535137	Brain_Frontal_Cortex_BA9	1.018753373			0.981246627			
	0.981246627	-0.940959095	-0.810704938			-0.875832016	0.092103598		
	2	0	0.998207054						
TP63	ENSG00000073282.12	0.469067342	1	1	0.469067342				
	Brain_Frontal_Cortex_BA9	0.469067342				Brain_Frontal_Cortex_BA9	1	1	
	1	-0.723997382	-0.723997382			-0.723997382	NA	1	0
	0.998207054								
UCHL5	ENSG00000116750.13	0.469081381	1	1	0.469081381				
	Brain_Hippocampus	0.469081381				Brain_Hippocampus	1	1	1
	0.723974515	0.723974515	0.723974515			NA	1	0	0.998207054
RP11-196G11.6	ENSG00000232748.3	0.469085286	1	1	0.469085286				
	Brain_Hypothalamus	0.469085286				Brain_Hypothalamus	1	1	1
	-0.723968155	-0.723968155	-0.723968155			NA	1	0	0.998207054
PPP1R1A	ENSG00000135447.16	0.469218657	2	2	0.231856303				
	Brain_Spinal_cord_cervical_c-1	0.705655438				Brain_Hypothalamus			
	1.074256911	0.925743089	0.925743089			-0.377697348	1.195590751		
	0.408946701	1.112482683	2	0	0.998207054				

PEX2	ENSG00000164751.14	0.469376234	2	2	0.250144224	Brain_Cerebellum
	0.339998082	Brain_Cerebellar_Hemisphere	1.501644204		0.498355796	
	0.498355796	0.954169043	1.149999143		1.052084093	0.138472792
	2	0	0.998207054			
CTD-2132N18.2	ENSG00000267221.2	0.469396392	1	1	0.469396392	
	Brain_Spinal_cord_cervical_c-1	0.469396392			Brain_Spinal_cord_cervical_c-1	
	1	1	0.723461511	0.723461511	0.723461511	NA 1 0
	0.998207054					
ARL14EP	ENSG00000152219.4	0.469407139	10	6	0.012921928	
	Brain_Cerebellar_Hemisphere	0.885730253			Brain_Hypothalamus	6.77664298
	1.29E-06	0.238959366	-2.485913753		-0.143709014	-1.614462509
	0.711722689	6	0	0.998207054		
MAPRE2	ENSG00000166974.12	0.469594097	5	4	0.162551764	
	Brain_Cerebellar_Hemisphere	0.742386392			Brain_Spinal_cord_cervical_c-1	
	2.035456689	0.023157212	0.631971193		0.328694791	1.396540598
	0.938661673	0.414024225	4	0	0.998207054	
DEFA5	ENSG00000164816.7	0.469657048	2	2	0.380274099	
	Brain_Hypothalamus	0.427788368			Brain_Hippocampus	1.07500224 0.92499776
	0.92499776	-0.87739137	0.7929819	-0.042204735	1.181132266	2 0
	0.998207054					
ADAMTS13	ENSG00000160323.18	0.469690536	13	7	0.135487896	
	Brain_Hippocampus	0.914193537			Brain_Cerebellum	7.919252833
	0.003570341	0.316191985	-1.492806308		0.450537424	-0.415061908
	0.609524664	7	0	0.998207054		
APOEC3D	ENSG00000243811.8	0.469702522	1	1	0.469702522	
	Brain_Amygdala	0.469702522			Brain_Amygdala	1 1 1 -0.722963153
	-0.722963153	-0.722963153	NA	1	0	0.998207054
RALA	ENSG00000006451.7	0.469820841	2	2	0.248431339	
	Brain_Nucleus_accumbens_basal_ganglia	0.583872522			Brain_Putamen_basal_ganglia	
	1.110550636	0.889449364	0.889449364		-1.154167903	-0.547736971
	-0.850952437	0.428811424	2	0	0.998207054	
TMEM53	ENSG00000126106.13	0.46983692	3	3	0.121574774	Brain_Cerebellum
	0.906599282	Brain_Cortex	1.478815217		0.494901648	0.494901648
	-0.136778562	1.548197412	0.431363257		0.967255638	3 0
	0.998207054					
NAIP	ENSG00000249437.7	0.46986779	2	2	0.251035208	Brain_Hippocampus
	0.876728001	Brain_Cerebellum	1.236782886		0.763217114	0.763217114
	-0.155118369	1.14783858	0.496360105		0.921329694	2 0
	0.998207054					
RAB22A	ENSG00000124209.3	0.46988655	1	1	0.46988655	
	Brain_Putamen_basal_ganglia	0.46988655			Brain_Putamen_basal_ganglia	1 1 1
	-0.722663655	-0.722663655	-0.722663655		NA	1 0 0.998207054
FAM83H-AS1	ENSG00000203499.11	0.470095998	8	7	0.03632383	
	Brain_Anterior_cingulate_cortex_BA24	0.812618355			Brain_Cerebellum	2.41221715
	0.055225818	0.358404282	-0.639764158		2.093283773	0.680344427
	1.061380041	7	0	0.998207054		
C9orf62	ENSG00000178243.4	0.470229814	1	1	0.470229814	
	Brain_Frontal_Cortex_BA9	0.470229814			Brain_Frontal_Cortex_BA9	1 1
	1	0.722105179	0.722105179	0.722105179	NA	1 0
	0.998207054					
LDHAL6A	ENSG00000166800.9	0.470230182	12	4	0.036859815	
	Brain_Cerebellum	0.753114239			Brain_Substantia_nigra	9.084643122
	0.016657369	0.499139885	-0.314535657		2.087313395	1.231749338
	0.730906061	4	0	0.998207054		
PKMYT1	ENSG00000127564.16	0.470315314	5	2	0.180443645	
	Brain_Frontal_Cortex_BA9	0.373678821			Brain_Cerebellar_Hemisphere	
	4.626753828	0.005864456	0.247125094		0.88960351	1.339390303
	1.099667211	0.180937435	2	0	0.998207054	
EQTN	ENSG00000120160.10	0.470331907	1	1	0.470331907	
	Brain_Caudate_basal_ganglia	0.470331907			Brain_Caudate_basal_ganglia	1 1
	1	0.721939122	0.721939122	0.721939122	NA	1 0
	0.998207054					

CYP21A2	ENSG00000231852.6	0.470370989	8	8	0.063168021			
	Brain_Cerebellar_Hemisphere	0.927347145				Brain_Nucleus_accumbens_basal_ganglia		
	3.209394223	0.204847754	0.204847754	0.091183047	1.858006994			
	1.029523467	0.563459444	8	0	0.998207054			
ZNF667-AS1	ENSG00000166770.10	0.470374279	12	6	0.113332708			
	Brain_Hypothalamus	0.936229083				Brain_Cerebellum	7.98993837	0.010683274
	0.290014392	-1.284515851	1.583389529	0.708778839	0.791591804			
	6	0	0.998207054					
OVGP1	ENSG00000085465.12	0.470423711	6	4	0.129779478			
	Brain_Nucleus_accumbens_basal_ganglia	0.537829658				Brain_Putamen_basal_ganglia		
	5.013528416	0.039790143	0.180574151	0.616098279	1.514972066			
	1.087228195	0.313428693	4	0	0.998207054			
ESRP2	ENSG00000103067.13	0.470425127	1	1	0.470425127			
	Brain_Hippocampus	0.470425127				Brain_Hippocampus	1	1
	0.721787514	0.721787514	0.721787514	NA	1	0	0.998207054	
CLDN3	ENSG00000165215.6	0.470462878	3	3	0.156901797			
	Brain_Putamen_basal_ganglia	0.691758749				Brain_Cerebellum	1.24433964	
	0.756177696	0.756177696	-0.715784442	1.415568783	0.365417927			
	1.066015849	3	0	0.998207054				
RP11-445N20.3	ENSG00000273293.1	0.470470376	2	2	0.358295812			
	Brain_Hippocampus	0.397051006				Brain_Caudate_basal_ganglia	1.035304304	
	0.964695696	0.964695696	0.846899742	0.918617239	0.882758491			
	0.050711928	2	0	0.998207054				
ITPR2	ENSG00000123104.11	0.47050716	3	3	0.392401334			
	Brain_Hippocampus					Brain_Hippocampus		
	0.922340138	Brain_Cerebellar_Hemisphere	2.077204054	0.080027443				
	0.080027443	-0.552115587	0.855270646	0.068556221	0.71823507	3		
	0	0.998207054						
USP37	ENSG00000135913.10	0.47083772	2	1	0.455646233			
	Brain_Cerebellar_Hemisphere	0.489316094				Brain_Cerebellum	1.986705777	
	0.013294223	1.986705777	-0.746035065	-0.691396992	-0.718716028			
	0.038634952	1	0	0.998207054				
FLJ36000	ENSG00000276399.1	0.471025944	2	1	0.343960315			
	Brain_Cerebellar_Hemisphere	0.633755456				Brain_Cerebellum	1.948163876	
	0.051836124	1.948163876	0.476447703	0.946369188	0.711408446			
	0.332284668	1	0	0.998207054				
C15orf41	ENSG00000186073.11	0.471084906	2	2	0.344929379			
	Brain_Anterior_cingulate_cortex_BA24	0.400944094				Brain_Cerebellum		
	1.061644108	0.938355892	0.938355892	0.839936317	0.944470286			
	0.892203302	0.073916678	2	0	0.998207054			
NAXD	ENSG00000213995.11	0.471085546	7	2	0.419618052			
	Brain_Frontal_Cortex_BA9	0.994419954				Brain_Cerebellar_Hemisphere		
	6.016575844	0.008295833	0.477168261	-0.807084066	0.242588683			
	-0.302851472	0.389449074	2	0	0.998207054			
SLC9A9	ENSG00000181804.14	0.471155347	1	1	0.471155347			
	Brain_Anterior_cingulate_cortex_BA24	0.471155347						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.720600498			
	-0.720600498	-0.720600498	NA	1	0	0.998207054		
CFAP161	ENSG00000156206.13	0.471246083	1	1	0.471246083			
	Brain_Cerebellar_Hemisphere	0.471246083				Brain_Cerebellar_Hemisphere	1	1
	1	-0.720453073	-0.720453073	-0.720453073	NA	1	0	
	0.998207054							
LBHD1	ENSG00000162194.12	0.471259039	7	2	0.664455207			
	Brain_Cerebellar_Hemisphere	0.961933536				Brain_Nucleus_accumbens_basal_ganglia		
	6.415963989	0.000525868	0.29967305	-0.414911541	0.43377036			
	0.099100502	0.346403032	2	0	0.998207054			
RRM1	ENSG00000167325.14	0.4713855	13	7	0.022654996			
	Brain_Frontal_Cortex_BA9	0.857265732				Brain_Nucleus_accumbens_basal_ganglia		
	8.689464436	0.007125138	0.347562543	-2.27920308	-0.179855855			
	-1.296744476	0.556024975	7	0	0.998207054			
LINC01749	ENSG00000272259.5	0.471646358	3	2	0.571609025			
	Brain_Cerebellar_Hemisphere	0.668356351				Brain_Cerebellum	2.484142476	
	0.049701004	0.46615652	-0.565683396	0.552496807	-0.147197166			

	0.609827916	2	0	0.998207054					
PSTPIP1	ENSG00000140368.12			0.472059036	4	4	0.09862928		
	Brain_Frontal_Cortex_BA9			0.751445129			Brain_Caudate_basal_ganglia		
	1.583938854	0.312589113		0.312589113			-1.651535492		-0.31673442
	-0.737230138	0.627019515		4	0	0.998207054			
ZNF846	ENSG00000196605.7			0.472133151	1	1	0.472133151		
	Brain_Anterior_cingulate_cortex_BA24			0.472133151					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1			-0.719012609		
	-0.719012609	-0.719012609	NA	1	0	0.998207054			
DNAJA1	ENSG00000086061.15			0.472542872	3	2	0.42835974		
	Brain_Anterior_cingulate_cortex_BA24			0.994112159			Brain_Frontal_Cortex_BA9		
	2.244861476	0.032402537		0.722735988			-0.792001605		0.727746709
	-0.018958505	0.760216415		2	0	0.998207054			
FKBP9	ENSG00000122642.10			0.472697575	3	2	0.301751133		
	Brain_Cerebellar_Hemisphere			0.512936041			Brain_Cerebellum2.054936263		
	0.052968667	0.89209507		-1.032685433			0.661658984		-0.341766429
	0.889351417	2	0	0.998207054					
WNT7B	ENSG00000188064.9			0.472749823	2	2	0.228507127		
	Brain_Cerebellar_Hemisphere			0.286575704			Brain_Cerebellum1.768159594		
	0.231840406	0.231840406		1.065663676			1.204213351		1.134938513
	0.097969415	2	0	0.998207054					
TMEM61	ENSG00000143001.4			0.472844929	3	2	0.275067508		
	Brain_Cerebellum			0.452919948			Brain_Cerebellar_Hemisphere1.937522233		
	0.064058419	0.998419349		-0.832001788			1.091466857		0.336673668
	1.026356082	2	0	0.998207054					
RP11-219B17.3	ENSG00000273958.1			0.473071114	2	2	0.324256638		
	Brain_Amygdala			0.510490869			Brain_Putamen_basal_ganglia1.066073469		
	0.933926531	0.933926531		-0.985748307			0.658073553		-0.163837377
	1.162357584	2	0	0.998207054					
SMIM18	ENSG00000253457.2			0.473157618	1	1	0.473157618		
	Brain_Hypothalamus			0.473157618			Brain_Hypothalamus	1	1
	-0.717350883	-0.717350883		-0.717350883	NA	1	0		0.998207054
KLK14	ENSG00000129437.9			0.47318012	3	3	0.167625159		Brain_Cerebellum
	0.59900196	Brain_Hippocampus		1.16798853	0.894180432		0.894180432		
	-1.379874923	-0.525836287		-0.900920413	0.436391213		3		0
	0.998207054								
FEM1A	ENSG00000141965.4			0.47321723	4	4	0.188321887		Brain_Cerebellum
	0.440138428	Brain_Anterior_cingulate_cortex_BA24		1.478611445					
	0.533139458	0.533139458		-0.830351212	1.315559642		0.627793449		
	1.002020301	4	0	0.998207054					
WDR25	ENSG00000176473.13			0.473229051	5	5	0.131091698		Brain_Cerebellum
	0.72272755	Brain_Amygdala		2.941928695	0.213698111		0.213698111		
	0.354815855	1.509810839		0.906258869	0.515369541		5		0
	0.998207054								
CCDC65	ENSG00000139537.10			0.473265534	7	1	0.398354244		
	Brain_Frontal_Cortex_BA9			0.578280202			Brain_Nucleus_accumbens_basal_ganglia		
	6.834796184	0.001741123		6.834796184			-0.844564129		-0.555898561
	-0.708939787	0.092423669		1	0	0.998207054			
ZNF418	ENSG00000196724.12			0.47327703	10	10	0.070408675		Brain_Cerebellum
	0.9699192	Brain_Anterior_cingulate_cortex_BA24		3.709067448			0.130467399		
	0.130467399	-0.657460645		1.809272528	0.460483331		0.678289935		
	10	0		0.998207054					
ITLN1	ENSG00000179914.4			0.473325191	2	2	0.254520224		
	Brain_Anterior_cingulate_cortex_BA24			0.642464971			Brain_Frontal_Cortex_BA9		
	1.01735246	0.98264754		0.98264754	-0.464255125		1.139438697		0.337591786
	1.133982776	2	0	0.998207054					
LDLRAD4	ENSG00000168675.18			0.473344417	1	1	0.473344417		
	Brain_Hippocampus			0.473344417			Brain_Hippocampus	1	1
	-0.717048102	-0.717048102		-0.717048102	NA	1	0		0.998207054
TLE4	ENSG00000106829.18			0.473378663	1	1	0.473378663		Brain_Cerebellum
	0.473378663	Brain_Cerebellum1		1	1		0.7169926		0.7169926
	NA	1	0	0.998207054					

NT5DC2	ENSG00000168268.10	0.473408333	1	1	0.473408333			
	Brain_Caudate_basal_ganglia	0.473408333				Brain_Caudate_basal_ganglia	1	1
	1	-0.716944516	-0.716944516	-0.716944516	NA	1	0	
	0.998207054							
LIMA1	ENSG00000050405.13	0.47349858	1	1	0.47349858			
	Brain_Spinal_cord_cervical_c-1	0.47349858				Brain_Spinal_cord_cervical_c-1	1	1
	1	0.716798269	0.716798269	0.716798269	NA	1	0	
	0.998207054							
NR1H2	ENSG00000131408.13	0.473656721	1	1	0.473656721			
	Brain_Hippocampus	0.473656721				Brain_Hippocampus	1	1
	0.716542037	0.716542037	0.716542037	NA	1	0	0.998207054	
PUM3	ENSG00000080608.9	0.473747328	3	3	0.226812335			
	Brain_Putamen_basal_ganglia	0.540220616				Brain_Caudate_basal_ganglia		
	1.534635065	0.485029074	0.485029074	-1.208610984	-0.61247941			
	-0.97965935	0.321206338	3	0	0.998207054			
RP11-61K9.3	ENSG00000275964.1	0.473842045	1	1	0.473842045			
	Brain_Amygdala	0.473842045				Brain_Amygdala	1	1
	0.71624182	0.71624182	NA	1	0	0.998207054		
	0.998207054							
SYK	ENSG00000165025.14	0.473855522	1	1	0.473855522	Brain_Cortex		
	0.473855522	Brain_Cortex	1	1	1	0.716219989	0.716219989	
	0.716219989	NA	1	0	0.998207054			
IL12RB1	ENSG00000096996.15	0.473947886	4	4	0.157575939			
	Brain_Cortex	0.919823559				Brain_Frontal_Cortex_BA9	1.527216519	
	0.562755932	0.562755932	-1.413271402	0.100655977	-0.802490638			
	0.676437566	4	0	0.998207054				
MIATNB	ENSG00000244625.5	0.474005306	5	5	0.15257831	Brain_Cerebellum		
	0.593274668	Brain_Cerebellar_Hemisphere	2.294370101	0.284672468				
	0.284672468	0.534096649	1.430483457	1.13926396	0.388271531		5	
	0	0.998207054						
TMPRSS4-AS1	ENSG00000255274.9	0.474068591	10	4	0.097595424			
	Brain_Spinal_cord_cervical_c-1	0.802210313						
	Brain_Anterior_cingulate_cortex_BA24	8.115369856	0.000841739					
	0.300021201	0.250487574	1.65662446	0.99326713	0.413304606	4	0	
	0.998207054							
MCM7	ENSG00000166508.17	0.474244242	2	2	0.500409221	Brain_Cerebellum		
	0.611089363	Brain_Cerebellar_Hemisphere	1.528702387	0.471297613				
	0.471297613	-0.673846008	0.508519078	-0.082663465	0.83605837	2		
	0	0.998207054						
OSMR-AS1	ENSG00000249740.2	0.474393252	1	1	0.474393252			
	Brain_Putamen_basal_ganglia	0.474393252				Brain_Putamen_basal_ganglia	1	1
	1	0.715349269	0.715349269	0.715349269	NA	1	0	
	0.998207054							
ANP32B	ENSG00000136938.8	0.474446838	1	1	0.474446838			
	Brain_Hippocampus	0.474446838				Brain_Hippocampus	1	1
	0.715262529	0.715262529	0.715262529	NA	1	0	0.998207054	
SHISA9	ENSG00000237515.8	0.474447947	1	1	0.474447947			
	Brain_Cortex	0.474447947				Brain_Cortex	1	1
	0.715260733	0.715260733	NA	1	0	0.998207054		
	0.998207054							
RHOQ	ENSG00000119729.11	0.474489416	1	1	0.474489416			
	Brain_Caudate_basal_ganglia	0.474489416				Brain_Caudate_basal_ganglia	1	1
	1	-0.715193611	-0.715193611	-0.715193611	NA	1	0	
	0.998207054							
PRELID3A	ENSG00000141391.13	0.474495443	6	4	0.321246764			
	Brain_Hippocampus	0.899674374				Brain_Spinal_cord_cervical_c-1		
	4.478060204	0.024452268	0.177271159	-0.991899069	0.726310975			
	-0.20449999	0.618863994	4	0	0.998207054			
SH3RF1	ENSG00000154447.14	0.474496363	3	2	0.250091503			
	Brain_Spinal_cord_cervical_c-1	0.429335771				Brain_Substantia_nigra		
	2.793168584	0.055702159	0.151129257	-1.150127157	-0.790328801			
	-1.016110229	0.196670427	2	0	0.998207054			
GBP4	ENSG00000162654.8	0.474669653	1	1	0.474669653			
	Brain_Cerebellar_Hemisphere	0.474669653				Brain_Cerebellar_Hemisphere	1	1

1	-0.714901916	-0.714901916	-0.714901916	NA	1	0
AKR1C1	ENSG00000187134.13	0.474819178	13	3	0.075439469	
	Brain_Spinal_cord_cervical_c-1	0.96011207	Brain_Frontal_Cortex_BA9			
	10.61587202	0.001348494	0.362413968	-1.777783197	-0.050012948	
	-1.200558296	0.403497474	3	0	0.998207054	
AC007405.6	ENSG00000239467.5	0.474825948	9	9	0.033825231	
	Brain_Anterior_cingulate_cortex_BA24	0.936085466				
	Brain_Nucleus_accumbens_basal_ganglia	3.738645162	0.129431772			
	0.129431772	-2.122148957	-0.080190852	-1.078044352	0.660839722	
	9	0	0.998207054			
ZNF888	ENSG00000213793.5	0.474866042	3	3	0.117773073	
	Brain_Cerebellar_Hemisphere	0.944491752	Brain_Caudate_basal_ganglia			
	1.107232173	0.898650198	0.898650198	-1.564189499	0.088369056	
	-0.468731653	0.948740613	3	0	0.998207054	
ATRAID	ENSG00000138085.16	0.475016599	7	2	0.209397598	
	Brain_Cortex	0.994484663	Brain_Anterior_cingulate_cortex_BA24			
	5.817451117	0.003272095	0.803343057	-1.255223607	0.006912505	
	-0.901992653	0.427872403	2	0	0.998207054	
PLS1	ENSG00000120756.12	0.475167424	2	2	0.26852702	
	Brain_Anterior_cingulate_cortex_BA24	0.744463416	Brain_Putamen_basal_ganglia			
	1.163469522	0.836530478	0.836530478	-1.106461036	0.325948373	
	-0.390256332	1.012866407	2	0	0.998207054	
AJUBA	ENSG00000129474.15	0.475236886	1	1	0.475236886	
	Brain_Caudate_basal_ganglia	0.475236886	Brain_Caudate_basal_ganglia	1	1	
	1	-0.713984303	-0.713984303	-0.713984303	NA	1
	0.998207054					0
CIDEA	ENSG00000176194.17	0.47528071	4	4	0.367535297	
	Brain_Caudate_basal_ganglia	0.995171605	Brain_Anterior_cingulate_cortex_BA24			
	1.778480519	0.362764783	0.362764783	-0.715928204	0.901099728	
	0.100431498	0.66677783	4	0	0.998207054	
ETV7	ENSG00000010030.13	0.475294356	4	4	0.282263114	
	Brain_Caudate_basal_ganglia	0.676549602	Brain_Substantia_nigra			
	1.751482957	0.341297251	0.341297251	-0.417176104	1.075249332	
	0.595334204	0.691722969	4	0	0.998207054	
AC108488.4	ENSG00000242282.6	0.475301109	1	1	0.475301109	
	Brain_Nucleus_accumbens_basal_ganglia	0.475301109				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.713880446	
	-0.713880446	-0.713880446	NA	1	0	0.998207054
ACAD9	ENSG00000177646.18	0.475424164	10	10	0.179587742	
	Brain_Cerebellar_Hemisphere	0.848281527	Brain_Anterior_cingulate_cortex_BA24			
	2.092388099	0.14782681	0.14782681	-1.294468971	1.342025457	
	0.371060292	0.925213093	10	0	0.998207054	
ZNF287	ENSG00000141040.14	0.475567458	1	1	0.475567458	
	Brain_Caudate_basal_ganglia	0.475567458	Brain_Caudate_basal_ganglia	1	1	
	1	-0.713449813	-0.713449813	-0.713449813	NA	1
	0.998207054					0
KCNF1	ENSG00000162975.4	0.475604974	1	1	0.475604974	
	Brain_Frontal_Cortex_BA9	0.475604974	Brain_Frontal_Cortex_BA9	1	1	
	1	0.713389168	0.713389168	0.713389168	NA	1
	0.998207054					0
MILR1	ENSG00000271605.5	0.475660582	3	3	0.144419269	
	Brain_Spinal_cord_cervical_c-1	0.759113094	Brain_Cerebellum	2.31623929		
	0.179572262	0.179572262	0.306645661	1.459530076	0.755519501	
	0.617338386	3	0	0.998207054		
C1QBP	ENSG00000108561.8	0.475831126	2	2	0.222950907	
	Brain_Frontal_Cortex_BA9	0.775117246	Brain_Amygdala	1.24271945	0.75728055	
	0.75728055	-1.218718887	-0.285687805	-0.752203346	0.659752605	2
	0	0.998207054				
SPRED1	ENSG00000166068.12	0.475848471	2	2	0.295447534	
	Brain_Hippocampus	0.462903023	Brain_Frontal_Cortex_BA9	1.107684636		
	0.892315364	0.892315364	0.73407501	1.046245862	0.890160436	

	0.220738126	2	0	0.998207054					
SHQ1	ENSG00000144736.13	0.475898759	2	2	0.324094593				
	Brain_Frontal_Cortex_BA9	0.615088105			Brain_Cerebellum1.201375599				
	0.798624401	0.798624401		0.502823877	0.986078501		0.744451189		
	0.341712622	2	0	0.998207054					
SPTLC2	ENSG00000100596.6	0.476015944	1	1	0.476015944				
	Brain_Cerebellum0.476015944	Brain_Cerebellum1	1	1	-0.712724999				
	-0.712724999	-0.712724999	NA	1	0.998207054				
TUBGCP4	ENSG00000137822.12	0.476053059	3	3	0.143717397				
	Brain_Anterior_cingulate_cortex_BA24	0.85032951			Brain_Hypothalamus				
	1.909976322	0.510963523		0.510963523	0.188698012		1.462086905		
	0.707395666	0.668692416	3	0	0.998207054				
SULF2	ENSG00000196562.14	0.476098589	1	1	0.476098589				
	Brain_Hypothalamus	0.476098589			Brain_Hypothalamus	1	1	1	
	0.712591474	0.712591474	0.712591474	NA	1	0	0.998207054		
HSPA14	ENSG00000187522.14	0.476195647	1	1	0.476195647				
	Brain_Nucleus_accumbens_basal_ganglia	0.476195647							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.712434679				
	0.712434679	0.712434679	NA	1	0.998207054				
NT5DC1	ENSG00000178425.13	0.476212066	3	3	0.211919928				
	Brain_Spinal_cord_cervical_c-1	0.972230785			Brain_Caudate_basal_ganglia				
	1.844113113	0.466408749	0.466408749		-0.034810578		1.248303514		
	0.627477001	0.642561054	3	0	0.998207054				
CASQ1	ENSG00000143318.12	0.476344316	3	3	0.286959494				
	Brain_Anterior_cingulate_cortex_BA24	0.865537006			Brain_Frontal_Cortex_BA9				
	2.269915412	0.175053461	0.175053461		-0.466315968		1.064815357		
	0.143056431	0.81196046	3	0	0.998207054				
CBR3	ENSG00000159231.5	0.476362683	8	4	0.374752663		Brain_Cerebellum		
	0.91206978	Brain_Nucleus_accumbens_basal_ganglia	6.283334141		0.001938362				
	0.235163425	-0.734612727	0.887606115		0.272399591		0.492760445		
	4	0	0.998207054						
RP11-539L10.3	ENSG00000251580.1	0.476513607	12	4	0.074603267				
	Brain_Caudate_basal_ganglia	0.961210622			Brain_Cortex	8.72015604			
	0.017858125	0.516762569	0.048634442		1.782895802		0.847813674		
	0.569095625	4	0	0.998207054					
KCTD3	ENSG00000136636.12	0.476526488	1	1	0.476526488				
	Brain_Substantia_nigra	0.476526488			Brain_Substantia_nigra	1	1		
	1	-0.711900346	-0.711900346	-0.711900346	NA	1	0		
	0.998207054								
MAK16	ENSG00000198042.10	0.476581828	2	2	0.412631357				
	Brain_Substantia_nigra	0.430613771			Brain_Caudate_basal_ganglia				
	1.128163504	0.871836496	0.871836496		-0.819271801		0.788141794		
	-0.015565003	1.136613053	2	0	0.998207054				
SLC41A1	ENSG00000133065.10	0.476582247	5	4	0.096758156				
	Brain_Spinal_cord_cervical_c-1	0.783366407			Brain_Cerebellum3.577403339				
	0.001172959	0.120498689	-1.66077743		-0.2749347		-0.676554719		
	0.576962808	4	0	0.998207054					
LAMTOR4	ENSG00000188186.10	0.476603251	4	4	0.141441443				
	Brain_Cerebellar_Hemisphere	0.956778051			Brain_Cortex	2.439403284			
	0.11789936	0.11789936	-1.470444366	0.626587082	-0.545988047				
	1.050300596	4	0	0.998207054					
ZNF649	ENSG00000198093.10	0.47660376	11	7	0.392722851				
	Brain_Hippocampus	0.985826353			Brain_Spinal_cord_cervical_c-1				
	7.140740856	0.042645103	0.288765384		-0.854689886		0.713891214		
	-0.017579255	0.527115249	7	0	0.998207054				
HACD1	ENSG00000165996.13	0.47670537	3	3	0.39400655				
	Brain_Spinal_cord_cervical_c-1	0.794655576			Brain_Hippocampus				
	2.218528753	0.326167936	0.326167936		-0.852373993		0.449123378		
	-0.047660233	0.703270634	3	0	0.998207054				
SMPD4	ENSG00000136699.19	0.476839853	1	1	0.476839853				
	Brain_Spinal_cord_cervical_c-1	0.476839853			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.711394425	0.711394425	0.711394425	NA	1	0

0.998207054
MPST ENSG00000128309.16 0.476954496 3 3 0.197333928
Brain_Caudate_basal_ganglia0.95986418 Brain_Spinal_cord_cervical_c-1
1.472532748 0.526300631 0.526300631 -1.28918457 0.808305829
-0.177067588 1.054473538 3 0 0.998207054
RP11-1000B6.3 ENSG00000261064.1 0.477115459 5 5 0.045154472
Brain_Frontal_Cortex_BA9 0.925049948 Brain_Putamen_basal_ganglia
1.129895786 0.787885032 0.787885032 -0.62596744 2.003212616
0.398333284 0.972113765 5 0 0.998207054
FTSJ3 ENSG00000108592.16 0.477220562 13 1 0.222178579
Brain_Hippocampus 0.840970055 Brain_Substantia_nigra 12.41012936
0.002679057 12.41012936 -1.220755573 -0.200652818 -0.692553942
0.23775067 1 0 0.998207054
PLEKHG5 ENSG00000171680.21 0.477304128 5 5 0.116570403
Brain_Anterior_cingulate_cortex_BA24 0.770095008 Brain_Cortex
1.856188244 0.444518096 0.444518096 0.292250623 1.569332844
1.012554138 0.476720826 5 0 0.998207054
C18orf8 ENSG00000141452.9 0.477308721 8 3 0.115099237
Brain_Cerebellum0.361003175 Brain_Spinal_cord_cervical_c-1 6.92339771
0.001673748 0.338871643 -1.575681439 -0.91345522 -1.385494977
0.209102437 3 0 0.998207054
GPD1L ENSG00000152642.10 0.477346592 8 6 0.304894142
Brain_Frontal_Cortex_BA9 0.972375593 Brain_Cerebellum3.732438014
0.017015729 0.387288521 -1.025994573 0.886770725 -0.14537625
0.639548276 6 0 0.998207054
MROH8 ENSG00000101353.14 0.47736606 7 4 0.06646297 Brain_Cortex
0.596343067 Brain_Caudate_basal_ganglia3.752205302 0.00845525
0.302698812 -1.835288393 -0.529666661 -1.206060883 0.411671297
4 0 0.998207054
SLC25A1 ENSG00000100075.9 0.477411989 3 3 0.175626239
Brain_Spinal_cord_cervical_c-1 0.97693533 Brain_Cerebellum1.216499607
0.784621593 0.784621593 -0.820019274 1.354345302 0.168471575
1.100538653 3 0 0.998207054
UBE2S ENSG00000108106.13 0.477416368 1 1 0.477416368
Brain_Substantia_nigra 0.477416368 Brain_Substantia_nigra 1 1
1 -0.710464128 -0.710464128 -0.710464128 NA 1 0
0.998207054
ATP6V0E2 ENSG00000171130.17 0.477434914 13 9 0.073068811
Brain_Putamen_basal_ganglia0.917742118 Brain_Hippocampus 5.132684537
0.00417984 0.243336279 -1.792400651 1.762728569 0.29388595
0.813915221 9 0 0.998207054
NPDC1 ENSG00000107281.9 0.477478011 1 1 0.477478011
Brain_Putamen_basal_ganglia0.477478011 Brain_Putamen_basal_ganglia1 1
1 0.710364695 0.710364695 0.710364695 NA 1 0
0.998207054
RP3-454B23.1 ENSG00000255775.1 0.477529595 1 1 0.477529595
Brain_Hippocampus 0.477529595 Brain_Hippocampus 1 1 1
-0.710281491 -0.710281491 -0.710281491 NA 1 0 0.998207054
CFAP74 ENSG00000142609.17 0.477602417 4 3 0.156163081
Brain_Anterior_cingulate_cortex_BA24 0.559596826 Brain_Amygdala
1.993657255 0.008900831 0.443213245 0.583440462 1.418094827
0.900046891 0.363302803 3 0 0.998207054
SBNO1 ENSG00000139697.13 0.477629166 2 2 0.22773798
Brain_Spinal_cord_cervical_c-1 0.93451885 Brain_Hippocampus 1.057158589
0.942841411 0.942841411 -0.082160793 1.206206236 0.562022721
0.911013063 2 0 0.998207054
TMEM74B ENSG00000125895.5 0.477647 3 3 0.164260016
Brain_Caudate_basal_ganglia0.934588301 Brain_Nucleus_accumbens_basal_ganglia
1.084026648 0.916025091 0.916025091 -1.390885944 -0.082073456
-0.698563607 0.657693258 3 0 0.998207054
LIAS ENSG00000121897.14 0.477682645 3 3 0.292640999
Brain_Anterior_cingulate_cortex_BA24 0.539470751 Brain_Cerebellum

	1.931142026	0.092031178	0.092031178	0.613613514	1.05234564
	0.814405931	0.22171245 3	0	0.998207054	
SHISA6	ENSG00000188803.14	0.47768335 3	3	0.250312379	
	Brain_Anterior_cingulate_cortex_BA24	0.681200621		Brain_Cerebellum	
	1.141003552	0.82858168 0.82858168	-1.014229351	1.149590969	
	0.182062315	1.099899532	3 0	0.998207054	
SLC26A7	ENSG00000147606.8	0.477791706	1	1	0.477791706
	Brain_Cortex	0.477791706	Brain_Cortex	1	1 1 0.709858793
	0.709858793	0.709858793	NA 1 0	0.998207054	
NID2	ENSG00000087303.17	0.478030919	2 2	0.227128888	
	Brain_Spinal_cord_cervical_c-1	0.672604045		Brain_Cerebellum	1.447566016
	0.552433984	0.552433984	-0.422576815	1.20778782	0.392605502
	1.152841889	2 0	0.998207054		
TTC27	ENSG00000018699.11	0.478238711	11 6	0.241878223	
	Brain_Cerebellar_Hemisphere	0.94974899	Brain_Frontal_Cortex_BA9	6.987685381	
	0.057797612	0.293484394	-1.170305067	0.752639127	-0.339433442
	0.559842726	6 0	0.998207054		
PALD1	ENSG00000107719.8	0.478285271	4 4	0.091609557	Brain_Amygdala
	0.98196607	Brain_Nucleus_accumbens_basal_ganglia	1.183392941	0.871059294	
	0.871059294	-1.686967731	-0.022604105	-0.631162109	0.747686478
	4 0	0.998207054			
CNGA3	ENSG00000144191.11	0.478394516	1 1	0.478394516	Brain_Cerebellum
	0.478394516	Brain_Cerebellum	1 1 1	0.70888714	0.70888714 0.70888714
	NA 1 0	0.998207054			
ACTN2	ENSG00000077522.12	0.478416843	3 3	0.225038479	
	Brain_Spinal_cord_cervical_c-1	0.648445872			
	Brain_Nucleus_accumbens_basal_ganglia	1.059617821		0.924411066	
	0.924411066	-0.813025672	1.213238944	0.285378515	1.023841273
	3 0	0.998207054			
RP11-48G14.1	ENSG00000261823.1	0.478497794	1 1	0.478497794	
	Brain_Anterior_cingulate_cortex_BA24	0.478497794			
	Brain_Anterior_cingulate_cortex_BA24	1 1 1	-0.708720736		
	-0.708720736	-0.708720736	NA 1 0	0.998207054	
RPAIN	ENSG00000129197.14	0.478504799	1 1	0.478504799	
	Brain_Anterior_cingulate_cortex_BA24	0.478504799			
	Brain_Anterior_cingulate_cortex_BA24	1 1 1	-0.70870945		
	-0.70870945	-0.70870945	NA 1 0	0.998207054	
AC019186.1	ENSG00000234584.1	0.478565915	2 2	0.251981129	
	Brain_Hippocampus	0.655759002	Brain_Cortex	1.038438231	
	0.961561769	0.961561769	0.44577608	1.145550645	0.795663362
	0.494815341	2 0	0.998207054		
KLF11	ENSG00000172059.10	0.478772331	2 2	0.235532095	Brain_Cerebellum
	0.840002111	Brain_Cerebellar_Hemisphere	1.371178136	0.628821864	
	0.628821864	-1.186228446	-0.201890778	-0.694059612	0.69603184 2
	0	0.998207054			
TTC24	ENSG00000187862.11	0.478830477	1 1	0.478830477	
	Brain_Nucleus_accumbens_basal_ganglia	0.478830477			
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1	0.708184844		
	0.708184844	0.708184844	NA 1 0	0.998207054	
LINC00519	ENSG00000258955.1	0.478909694	1 1	0.478909694	
	Brain_Hypothalamus	0.478909694	Brain_Hypothalamus	1 1 1	
	-0.70805727	-0.70805727	-0.70805727	NA 1 0	0.998207054
ZNF586	ENSG00000083828.15	0.478912077	9 6	0.097320543	
	Brain_Substantia_nigra	0.683553974	Brain_Nucleus_accumbens_basal_ganglia		
	5.309924794	0.030474235	0.255145877	-0.9695021	1.657984759
	-0.319511581	0.890161737	6 0	0.998207054	
CACNG1	ENSG00000108878.4	0.47897278	1 1	0.47897278	
	Brain_Spinal_cord_cervical_c-1	0.47897278	Brain_Spinal_cord_cervical_c-1	1	
	1 1	0.707955681	0.707955681	0.707955681	NA 1 0
	0.998207054				
ATR	ENSG00000175054.14	0.478992171	2 2	0.481989923	
	Brain_Cerebellar_Hemisphere	0.646384338	Brain_Caudate_basal_ganglia		

	1.535347899	0.464652101	0.464652101	-0.458790889	0.703105631		
	0.122157371	0.821584908	2	0	0.998207054		
EPX	ENSG00000121053.5	0.478996078	4	4	0.195177631		
	Brain_Substantia_nigra	0.801680576			Brain_Cerebellar_Hemisphere		
	2.017872209	0.305428232	0.305428232	-1.295413478	0.567931617		
	-0.354710394	0.764682259	4	0	0.998207054		
LINC01993	ENSG00000204277.1	0.479009546	1	1	0.479009546		
	Brain_Nucleus_accumbens_basal_ganglia	0.479009546					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.707896479		
	0.707896479	0.707896479	NA	1	0	0.998207054	
GJD2	ENSG00000159248.4	0.479042741	1	1	0.479042741	Brain_Cerebellum	
	0.479042741	Brain_Cerebellum	1	1	0.70784303	0.70784303	0.70784303
	NA	1	0	0.998207054			
EBF2	ENSG00000221818.8	0.47915996	1	1	0.47915996	Brain_Putamen_basal_ganglia	
	0.47915996	Brain_Putamen_basal_ganglia	1	1	1	0.707654306	
	0.707654306	0.707654306	NA	1	0	0.998207054	
ENSA	ENSG00000143420.18	0.479383214	1	1	0.479383214		
	Brain_Caudate_basal_ganglia	0.479383214			Brain_Caudate_basal_ganglia	1	1
	1	0.707294932	0.707294932	0.707294932	NA	1	0
	0.998207054						
CA11	ENSG00000063180.8	0.479457389	1	1	0.479457389	Brain_Cerebellum	
	0.479457389	Brain_Cerebellum	1	1	1	0.707175552	0.707175552
	0.707175552	NA	1	0	0.998207054		
RHOT1	ENSG00000126858.16	0.479629423	2	2	0.412308183		
	Brain_Cerebellar_Hemisphere	0.882660176			Brain_Caudate_basal_ganglia	1.64879003	
	0.35120997	0.35120997	-0.14759782	0.819838495	0.336120338		
	0.684080778	2	0	0.998207054			
AC009120.11	ENSG00000275236.1	0.479649044	1	1	0.479649044		
	Brain_Cortex	0.479649044	Brain_Cortex	1	1	1	-0.706867143
	-0.706867143	-0.706867143	NA	1	0	0.998207054	
RP5-115904.2	ENSG00000272732.1	0.479692257	6	4	0.354659789		
	Brain_Nucleus_accumbens_basal_ganglia	0.81331617	Brain_Putamen_basal_ganglia				
	4.493886841	0.023054829	0.22992418	-0.236150137	0.925588659		
	0.493195942	0.422058988	4	0	0.998207054		
OCIAD1	ENSG00000109180.14	0.479720121	7	5	0.05837688		
	Brain_Hypothalamus	0.956431506	Brain_Cerebellum	4.033744485			
	0.089607982	0.194891595	-1.892857068	-0.054632173	-0.673540453		
	0.630785396	5	0	0.998207054			
TMEM39B	ENSG00000121775.17	0.479720545	1	1	0.479720545		
	Brain_Cerebellum	0.479720545	Brain_Cerebellum	1	1	1	-0.706752101
	-0.706752101	-0.706752101	NA	1	0	0.998207054	
ACO2	ENSG00000100412.15	0.479772033	1	1	0.479772033	Brain_Cerebellum	
	0.479772033	Brain_Cerebellum	1	1	-0.706669266	-0.706669266	
	-0.706669266	NA	1	0	0.998207054		
ODF2	ENSG00000136811.16	0.47988924	8	5	0.130745159		
	Brain_Caudate_basal_ganglia	0.763319115	Brain_Substantia_nigra				
	4.450967683	0.024034402	0.299813289	-1.511169942	1.011822623		
	-0.342035712	0.840485916	5	0	0.998207054		
ATIC	ENSG00000138363.14	0.479978527	13	2	0.24249807		
	Brain_Putamen_basal_ganglia	0.797515153	Brain_Hippocampus	10.6683932			
	0.00358462	1.055880014	-1.168765633	0.329235865	-0.55722257		
	0.492251249	2	0	0.998207054			
WDR77	ENSG00000116455.13	0.480158298	2	2	0.331243428	Brain_Cortex	
	0.478615226	Brain_Hypothalamus	1.015174972	0.984825028			
	0.984825028	0.708531552	0.971612366	0.840071959	0.186026228		
	2	0	0.998207054				
FUZ	ENSG00000010361.13	0.480339905	4	4	0.481224747	Brain_Cortex	
	0.935602433	Brain_Cerebellum	2.28902123	0.115924492	0.115924492		
	-0.151070687	0.70433408	0.227564974	0.412293641	4	0	
	0.998207054						
ZNHIT3	ENSG00000273611.4	0.480494733	1	1	0.480494733		
	Brain_Spinal_cord_cervical_c-1	0.480494733	Brain_Spinal_cord_cervical_c-1				

	1	1	1	0.705507071	0.705507071	0.705507071	NA	1	0
	0.998207054								
HTR1B	ENSG00000135312.6	0.480523489	3	3	0.166106641				
	Brain_Anterior_cingulate_cortex_BA24	0.566066818			Brain_Amygdala				
	1.711480827	0.269360516	0.269360516	0.573853683	1.384822852				
	0.96855069	0.405914848	3	0	0.998207054				
CD274	ENSG00000120217.13	0.480549581	5	3	0.210662395				
	Brain_Caudate_basal_ganglia	0.971219217			Brain_Cortex	3.739184955			
	0.004667479	0.439694672	-0.065978717	1.251746104	0.259672051				
	0.561000002	3	0	0.998207054					
CCDC8	ENSG00000169515.5	0.480590846	11	2	0.0928072	Brain_Cerebellum			
	0.979312585	Brain_Frontal_Cortex_BA9	9.39498945	5.86E-05	0.813272996				
	-0.025930735	1.68077205	0.882213951	0.542672891	2	0			
	0.998207054								
CLVS2	ENSG00000146352.12	0.480628593	4	3	0.166688967				
	Brain_Caudate_basal_ganglia	0.673764551			Brain_Anterior_cingulate_cortex_BA24				
	2.568244892	0.054752201	0.396679323	-0.723493604	1.382921404				
	0.520393357	0.918735768	3	0	0.998207054				
NXPE3	ENSG00000144815.15	0.480710283	1	1	0.480710283	Brain_Cortex			
	0.480710283	Brain_Cortex	1	1	1	0.705160624	0.705160624		
	0.705160624	NA	1	0	0.998207054				
SRGAP3-AS4	ENSG00000235830.1	0.480735041	1	1	0.480735041				
	Brain_Hippocampus	0.480735041	Brain_Hippocampus	1	1	1			
	0.705120837	0.705120837	0.705120837	NA	1	0	0.998207054		
RASGRP1	ENSG00000172575.11	0.480763275	1	1	0.480763275				
	Brain_Caudate_basal_ganglia	0.480763275	Brain_Caudate_basal_ganglia	1	1				
	1	-0.705075464	-0.705075464	-0.705075464	NA	1	0		
	0.998207054								
AP001372.2	ENSG00000254837.2	0.480791403	1	1	0.480791403				
	Brain_Hypothalamus	0.480791403	Brain_Hypothalamus	1	1	1			
	-0.705030262	-0.705030262	-0.705030262	NA	1	0	0.998207054		
MDGA2	ENSG00000139915.18	0.480807519	4	4	0.199771676				
	Brain_Cerebellar_Hemisphere	0.65597315	Brain_Caudate_basal_ganglia	1.49798024					
	0.635734738	0.635734738	-1.28220234	1.122448949	-0.375604936				
	1.055622138	4	0	0.998207054					
ZNF582-AS1	ENSG00000267454.5	0.480975461	12	9	0.085671035				
	Brain_Anterior_cingulate_cortex_BA24	0.844195784							
	Brain_Nucleus_accumbens_basal_ganglia	4.833328857			0.005766133				
	0.573668855	-1.449452684	1.718688898	-0.291201299	0.957284832				
	9	0	0.998207054						
SORBS2	ENSG00000154556.17	0.481000468	1	1	0.481000468				
	Brain_Frontal_Cortex_BA9	0.481000468	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.70469435	-0.70469435	-0.70469435	NA	1	0		
	0.998207054								
EIF2B4	ENSG00000115211.15	0.481125812	2	2	0.261210531				
	Brain_Spinal_cord_cervical_c-1	0.58485716	Brain_Hypothalamus	1.088855622					
	0.911144378	0.911144378	-1.12353456	0.546303748	-0.288615406				
	1.180753991	2	0	0.998207054					
MPP4	ENSG00000082126.17	0.481245992	4	4	0.197799872				
	Brain_Hypothalamus	0.715812955	Brain_Caudate_basal_ganglia	1.455985032					
	0.544160971	0.544160971	-1.28784515	0.47405994	-0.269990578				
	0.840919628	4	0	0.998207054					
TEX29	ENSG00000153495.10	0.48130193	7	7	0.197001382	Brain_Cerebellum			
	0.710117672	Brain_Putamen_basal_ganglia	2.331474081	0.329257193					
	0.329257193	-0.959656122	1.290141935	0.0606669	0.813987889				7
	0.998207054								
RP11-126K15.1	ENSG00000265380.1	0.481313942	1	1	0.481313942				
	Brain_Nucleus_accumbens_basal_ganglia	0.481313942							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.704190828				
	0.704190828	0.704190828	NA	1	0	0.998207054			
FAM171A2	ENSG00000161682.14	0.481363879	2	2	0.233285404				
	Brain_Frontal_Cortex_BA9	0.751993744	Brain_Substantia_nigra						

	1.094888942	0.905111058	0.905111058	-1.191938389	0.316011547				
	-0.437963421	1.066281625	2	0	0.998207054				
CAPN9	ENSG00000135773.12	0.481452342	12	6	0.06705067	Brain_Cortex			
	0.972859522	Brain_Cerebellar_Hemisphere	7.093633808		0.002396023				
	0.293962999	-1.831334239	-0.034022108	-1.247246767	0.538341119				
	6	0	0.998207054						
MYO5A	ENSG00000197535.14	0.481470164	7	3	0.132597066	Brain_Cortex			
	0.486590906	Brain_Putamen_basal_ganglia	5.845751899		0.012262853				
	0.375982318	-1.503939031	-0.69574122	-1.250550275	0.270630214				
	3	0	0.998207054						
RP11-554D14.7	ENSG00000257141.1	0.481504391	1	1	0.481504391				
	Brain_Hypothalamus	0.481504391	Brain_Hypothalamus	1	1	1			
	0.703885005	0.703885005	0.703885005	NA	1	0	0.998207054		
RP11-153F10.2	ENSG00000282860.1	0.481607894	6	4	0.259443691				
	Brain_Cortex	0.976281305	Brain_Spinal_cord_cervical_c-1	4.257788414					
	0.023471779	0.314342993	-1.127706975	0.193529531	-0.361470793				
	0.475889886	4	0	0.998207054					
STARD10	ENSG00000214530.8	0.481639841	13	3	0.160060185				
	Brain_Hypothalamus	0.961051529	Brain_Cerebellum	10.72026354					
	0.004026873	0.417031663	-1.404869174	0.19671434	-0.886698341				
	0.467881656	3	0	0.998207054					
RNMT	ENSG00000101654.17	0.481676287	3	3	0.575907319				
	Brain_Cerebellar_Hemisphere	0.945152008	Brain_Cerebellum	2.181380568					
	0.127128863	0.127128863	-0.264252505	0.559372802	0.075441435				
	0.430340549	3	0	0.998207054					
FAF1	ENSG00000185104.19	0.481768684	1	1	0.481768684				
	Brain_Frontal_Cortex_BA9	0.481768684	Brain_Frontal_Cortex_BA9	1	1				
	1	0.70346071	0.70346071	0.70346071	NA	1	0	0.998207054	
LETM1	ENSG00000168924.14	0.481884618	1	1	0.481884618	Brain_Cerebellum			
	0.481884618	Brain_Cerebellum	1	1	0.703274629	0.703274629			
	0.703274629	NA	1	0	0.998207054				
GNB2	ENSG00000172354.9	0.481912928	2	2	0.263386223	Brain_Cerebellum			
	0.788423506	Brain_Cerebellar_Hemisphere	1.574581225		0.425418775				
	0.425418775	0.268358337	1.118423359	0.693390848	0.601086742				
	2	0	0.998207054						
RP11-722E23.2	ENSG00000272338.2	0.481927065	4	4	0.113015452				
	Brain_Cerebellar_Hemisphere	0.530387233	Brain_Cerebellum	3.171261258					
	0.176289096	0.176289096	-1.584783854	-0.627415007	-0.914937342				
	0.449762351	4	0	0.998207054					
OTULIN	ENSG00000154124.4	0.482080987	1	1	0.482080987				
	Brain_Hippocampus	0.482080987	Brain_Hippocampus	1	1	1			
	0.702959503	0.702959503	0.702959503	NA	1	0	0.998207054		
GUCY1A2	ENSG00000152402.10	0.482151995	3	3	0.374730181				
	Brain_Cerebellar_Hemisphere	0.650199458	Brain_Spinal_cord_cervical_c-1						
	1.542338538	0.489745146	0.489745146	-0.540857891	0.887647896				
	-0.035565037	0.800718484	3	0	0.998207054				
LAMA4	ENSG00000112769.18	0.482198758	1	1	0.482198758				
	Brain_Frontal_Cortex_BA9	0.482198758	Brain_Frontal_Cortex_BA9	1	1				
	1	0.702770543	0.702770543	0.702770543	NA	1	0		
	0.998207054								
ANKDD1B	ENSG00000189045.13	0.4823345	1	1	0.4823345	Brain_Cerebellum			
	0.4823345	Brain_Cerebellum	1	1	0.702552778	0.702552778			
	0.702552778	NA	1	0	0.998207054				
SLC20A1	ENSG00000144136.10	0.482424779	1	1	0.482424779				
	Brain_Cerebellar_Hemisphere	0.482424779	Brain_Cerebellar_Hemisphere	1	1				
	1	-0.702407966	-0.702407966	-0.702407966	NA	1	0		
	0.998207054								
LINC00581	ENSG00000280989.1	0.482450202	1	1	0.482450202				
	Brain_Putamen_basal_ganglia	0.482450202	Brain_Putamen_basal_ganglia	1	1				
	1	-0.702367189	-0.702367189	-0.702367189	NA	1	0		
	0.998207054								
C3orf33	ENSG00000174928.15	0.482512015	2	2	0.233208898				

	Brain_Cerebellar_Hemisphere	0.843438952		Brain_Cerebellum	1.317263493				
		0.682736507	-0.682736507			-1.192133513		-0.197496587	-0.69481505
		0.703314515	2	0	0.998207054				
SLAMF6	ENSG00000162739.13	0.482555738		2	2	0.314314077			
	Brain_Nucleus_accumbens_basal_ganglia	0.553763421				Brain_Cortex			
		1.072633117	0.927366883	0.927366883		-1.006211009		0.592130176	
		-0.207040417	1.130197891	2	0	0.998207054			
SLC7A5	ENSG00000103257.8	0.482603276		1	1	0.482603276			
	Brain_Anterior_cingulate_cortex_BA24	0.482603276							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		-0.702121691			
		-0.702121691	-0.702121691	NA	1	0	0.998207054		
SPTAN1	ENSG00000197694.15	0.482695098		1	1	0.482695098			
	Brain_Frontal_Cortex_BA9	0.482695098				Brain_Frontal_Cortex_BA9	1	1	
		1	-0.70197445	-0.70197445	-0.70197445	NA	1	0	
		0.998207054							
SPATA41	ENSG00000189419.6	0.483029706		3	3	0.146880567			
	Brain_Substantia_nigra	0.925858744				Brain_Cerebellum	1.791262359		
		0.225030411	0.225030411	0.093056414		1.450638434		0.832304002	
		0.686820376	3	0	0.998207054				
CMTR1	ENSG00000137200.12	0.483079686		2	2	0.230526295		Brain_Cerebellum	
		0.852254725		Brain_Caudate_basal_ganglia	1.044997661	0.955002339			
		0.955002339	-1.199004244	-0.186242336		-0.69262329		0.716130813	
		2	0	0.998207054					
C9orf64	ENSG00000165118.14	0.483092733		2	2	0.23106403			
	Brain_Nucleus_accumbens_basal_ganglia	0.957887604				Brain_Cerebellar_Hemisphere			
		1.07596644	0.92403356	0.92403356	0.052804591	1.197622457		0.625213524	
		0.809508476	2	0	0.998207054				
EPB41L4B	ENSG00000095203.14	0.48309986	2	2	0.261411279			Brain_Cerebellum	
		0.664919987		Brain_Putamen_basal_ganglia	1.006307415	0.993692585			
		0.993692585	-0.433130471	1.123061727		0.344965628		1.100394056	
		2	0	0.998207054					
CCL21	ENSG00000137077.7	0.483164924		1	1	0.483164924		Brain_Cerebellum	
		0.483164924		Brain_Cerebellum	1	1	1	0.701221292	0.701221292
		0.701221292	NA	1	0	0.998207054			
SPON2	ENSG00000159674.11	0.483428722		7	7	0.315808519		Brain_Cerebellum	
		0.965084714		Brain_Cortex	3.129380348	0.116016384		0.116016384	
		-0.653962295	1.003108491	0.314407728		0.726959853		7	0
		0.998207054							
HIST1H4H	ENSG00000158406.4	0.483442825		1	1	0.483442825			
	Brain_Hypothalamus	0.483442825				Brain_Hypothalamus	1	1	1
		0.70077599	0.70077599	0.70077599	NA	1	0	0.998207054	
NUTM2B	ENSG00000188199.10	0.48346008	13	13	0.066253388			Brain_Amygdala	
		0.907485936		Brain_Frontal_Cortex_BA9	3.101100654	0.134935035			
		0.134935035	-1.836705467	1.797463769		-0.481378286		0.89444063	13
		0	0.998207054						
N6AMT1	ENSG00000156239.11	0.483461817		10	5	0.191811091			
	Brain_Substantia_nigra	0.976097556				Brain_Cortex	7.304340522		
		0.004204428	0.260523553	-0.394587331		1.305240137		0.207282766	
		0.611500663	5	0	0.998207054				
RP4-555D20.3	ENSG00000271192.1	0.483486695		1	1	0.483486695			
	Brain_Anterior_cingulate_cortex_BA24	0.483486695							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		0.700705706			
		0.700705706	0.700705706	NA	1	0	0.998207054		
LIG1	ENSG00000105486.13	0.483589959		9	4	0.143517165			
	Brain_Nucleus_accumbens_basal_ganglia	0.743121148				Brain_Cerebellum			
		6.526798003	0.028143712	0.303568838		0.327722952		1.462818079	
		0.962039277	0.449990342	4	0	0.998207054			
P2RX2	ENSG00000187848.12	0.483716831		5	4	0.444174277		Brain_Cortex	
		0.93324513		Brain_Frontal_Cortex_BA9	3.984107673	0.037299763			
		0.168754876	-0.444310945	0.765163356		0.206684324		0.507111782	
		4	0	0.998207054					
SOS1	ENSG00000115904.12	0.483787835		2	2	0.238938238			

	Brain_Hypothalamus	0.811399288		Brain_Cerebellum	1.014459617			
	0.985540383	0.985540383	-0.238621247		1.17764481	0.469511781		
	1.001451333	2	0	0.998207054				
PODN	ENSG00000174348.13	0.483797016	4	4	0.345612795			
	Brain_Caudate_basal_ganglia	0.890287889		Brain_Cerebellar_Hemisphere				
	2.211195222	0.240231769	0.240231769		-0.943133162	0.141150544		
	-0.327409779	0.552707627	4	0	0.998207054			
CABYR	ENSG00000154040.20	0.483928983	9	7	0.190144504			
	Brain_Nucleus_accumbens_basal_ganglia	0.637584534		Brain_Putamen_basal_ganglia				
	3.957913185	0.021471327	0.451795583		-1.310151751	0.672325061		
	-0.726878243	0.574944268	7	0	0.998207054			
CTD-2192J16.11	ENSG00000230310.1	0.483933756	5	5	0.061347881			
	Brain_Nucleus_accumbens_basal_ganglia	0.627842524		Brain_Hypothalamus				
	2.064271459	0.374467486	0.374467486		0.484765746	1.870979799		
	1.083365403	0.592850076	5	0	0.998207054			
GUCA1C	ENSG00000138472.10	0.483967761	2	2	0.24709384	Brain_Cortex		
	0.544619098	Brain_Frontal_Cortex_BA9	1.723016711		0.276983289			
	0.276983289	-1.15743706	-0.605842871		-0.881639966	0.390035991		
	2	0	0.998207054					
FEZ1	ENSG00000149557.12	0.484163904	3	3	0.214782956	Brain_Cortex		
	0.563768366	Brain_Cerebellum	1.942035851		0.086663675	0.086663675		
	-1.240520449	-0.577253284	-0.903503224		0.331764651	3	0	
	0.998207054							
RP11-118B22.4	ENSG00000256427.1	0.484203487	13	6	0.250833654			
	Brain_Cerebellar_Hemisphere	0.987493816		Brain_Putamen_basal_ganglia				
	8.808488708	0.005604174	0.356086226		-1.148326863	0.968333123		
	0.063900652	0.625265094	6	0	0.998207054			
CEP170B	ENSG00000099814.15	0.484346149	3	3	0.126002587			
	Brain_Hypothalamus	0.96823154	Brain_Substantia_nigra	1.273650477				
	0.786290779	0.786290779	-0.161165437		1.530057134	0.469572694		
	0.923888448	3	0	0.998207054				
MCOLN2	ENSG00000153898.12	0.484356241	9	2	0.22087287			
	Brain_Hypothalamus	0.906691113		Brain_Nucleus_accumbens_basal_ganglia				
	7.894245118	0.012620978	0.585039291		-0.233489055	1.224210392		
	0.292496358	0.432136497	2	0	0.998207054			
TNK2	ENSG00000061938.16	0.484410906	3	3	0.129917042	Brain_Cerebellum		
	0.939785919	Brain_Nucleus_accumbens_basal_ganglia	1.265783108					
	0.738751591	0.738751591	-1.514429106		-0.075538937	-0.777988793		
	0.720047042	3	0	0.998207054				
SH3RF3	ENSG00000172985.10	0.484506216	1	1	0.484506216			
	Brain_Cerebellum	0.484506216	Brain_Cerebellum	1	1	1		
	-0.699073312	-0.699073312	NA	1	0	0.998207054		
MDM4	ENSG00000198625.12	0.484570013	1	1	0.484570013	Brain_Cortex		
	0.484570013	Brain_Cortex	1	1	1	0.698971226	0.698971226	
	0.698971226	NA	1	0	0.998207054			
CLEC19A	ENSG00000261210.7	0.484593099	5	3	0.170903512			
	Brain_Substantia_nigra	0.808596231		Brain_Spinal_cord_cervical_c-1				
	3.297330017	0.025284546	0.658130423		-1.36930642	-0.242237381		
	-0.585424065	0.476317207	3	0	0.998207054			
PPP2R5E	ENSG00000154001.13	0.484778695	1	1	0.484778695			
	Brain_Putamen_basal_ganglia	0.484778695		Brain_Putamen_basal_ganglia	1	1		
	1	-0.698637351	-0.698637351		-0.698637351	NA	1	0
	0.998207054							
OPN5	ENSG00000124818.15	0.484822405	1	1	0.484822405			
	Brain_Frontal_Cortex_BA9	0.484822405		Brain_Frontal_Cortex_BA9	1	1		
	1	0.698567428	0.698567428		0.698567428	NA	1	0
	0.998207054							
ASB4	ENSG00000005981.12	0.484909271	4	4	0.366632538			
	Brain_Hypothalamus	0.665301494		Brain_Caudate_basal_ganglia	2.296988488			
	0.215970315	0.215970315	-0.902799083		0.845782061	0.226956742		
	0.773472987	4	0	0.998207054				
PHF20	ENSG00000025293.16	0.484944673	1	1	0.484944673			

	Brain_Cerebellar_Hemisphere	0.484944673		Brain_Cerebellar_Hemisphere	1	1	
	1	0.698371855	0.698371855	0.698371855	NA	1	0
		0.998207054					
RALBP1	ENSG00000017797.12	0.485011892		1	1	0.485011892	
	Brain_Cerebellum	0.485011892	Brain_Cerebellum	1	1	0.698264346	
	0.698264346	0.698264346	NA	1	0	0.998207054	
CFAP221	ENSG00000163075.12	0.485088489		4	4	0.183272938	
	Brain_Cerebellar_Hemisphere	0.734950565	Brain_Frontal_Cortex_BA9				
	1.242855521	0.813695399	0.813695399	-0.409169199		1.330744977	
	0.600103797	0.798474223	4	0	0.998207054		
RAD54L2	ENSG00000164080.13	0.485093984		4	3	0.170840707	
	Brain_Caudate_basal_ganglia	0.972717833	Brain_Hippocampus			2.279971056	
	0.027776283	0.680012082	-0.034199792	1.369507453		0.75512919	
	0.582189984	3	0	0.998207054			
WSCD1	ENSG00000179314.13	0.485261813		2	2	0.430256469	
	Brain_Cerebellar_Hemisphere	0.925781119	Brain_Cerebellum	1.803389047			
	0.196610953	0.196610953	-0.788752855	-0.093154125		-0.44095349	
	0.491862579	2	0	0.998207054			
DNAJC16	ENSG00000116138.12	0.485343992		5	5	0.203775277	
	Brain_Nucleus_accumbens_basal_ganglia	0.934727846	Brain_Cerebellar_Hemisphere				
	3.383325574	0.118567646	0.118567646	-1.270868943		0.089428588	
	-0.542762724	0.590170267	5	0	0.998207054		
SPDYE3	ENSG00000214300.7	0.485376948		2	2	0.259228424	
	Brain_Nucleus_accumbens_basal_ganglia	0.59457717	Brain_Cerebellar_Hemisphere				
	1.105345344	0.894654656	0.894654656	0.532214892		1.128216674	
	0.830215783	0.421436902	2	0	0.998207054		
EXD1	ENSG00000178997.11	0.48549764	1	1	0.48549764	Brain_Cortex	0.48549764
	Brain_Cortex	1	1	1	-0.69748769	-0.69748769	-0.69748769
	NA	1	0	0.998207054			
RP11-444D3.1	ENSG00000255864.5	0.48565584	2	2	0.230149914		
	Brain_Caudate_basal_ganglia	0.910193805	Brain_Hippocampus			1.037667556	
	0.962332444	0.962332444	-1.199972775	-0.112794089		-0.656383432	
	0.768751421	2	0	0.998207054			
FGA	ENSG00000171560.14	0.485904327	2	2	0.246576423		
	Brain_Anterior_cingulate_cortex_BA24	0.817230585	Brain_Hippocampus				
	1.073922033	0.926077967	0.926077967	-1.158705071		0.231108405	
	-0.463798333	0.982746534	2	0	0.998207054		
OSTN	ENSG00000188729.6	0.485940151	4	4	0.384946926		
	Brain_Nucleus_accumbens_basal_ganglia	0.801556501	Brain_Putamen_basal_ganglia				
	1.762511414	0.240416813	0.240416813	-0.868817561		0.25133321	
	-0.52421434	0.529954313	4	0	0.998207054		
TSPAN10	ENSG00000182612.10	0.486062886		5	3	0.153165147	
	Brain_Frontal_Cortex_BA9	0.503985911	Brain_Nucleus_accumbens_basal_ganglia				
	4.296179219	0.044585025	0.165694907	0.668231374		1.428440367	
	1.169636414	0.309455514	3	0	0.998207054		
COX14	ENSG00000178449.8	0.486089788	7	5	0.112938802	Brain_Cortex	
	0.857560053	Brain_Substantia_nigra	5.071371286	0.057491757			
	0.222292416	-1.585121192	-0.179480977	-0.766778523		0.544430657	
	5	0	0.998207054				
KCTD13	ENSG00000174943.9	0.48609726	2	2	0.231210833		
	Brain_Frontal_Cortex_BA9	0.790217132	Brain_Cortex	1.299046758			
	0.700953242	0.700953242	-1.197245622	-0.266028666		-0.731637144	
	0.658469825	2	0	0.998207054			
FUT3	ENSG00000171124.12	0.486120023	2	2	0.303585233		
	Brain_Cerebellar_Hemisphere	0.603649822	Brain_Spinal_cord_cervical_c-1				
	1.095146306	0.904853694	0.904853694	-1.028775391		0.519159066	
	-0.254808163	1.094554951	2	0	0.998207054		
ADGRL2	ENSG00000117114.19	0.486134748		2	2	0.231523722	
	Brain_Hippocampus	0.863580474	Brain_Cerebellum	1.055833497			
	0.944166503	0.944166503	-1.196443019	-0.171818178		-0.684130599	
	0.724519173	2	0	0.998207054			
CRKL	ENSG00000099942.12	0.486190774		1	1	0.486190774	

	Brain_Caudate_basal_ganglia	0.486190774		Brain_Caudate_basal_ganglia	1	1
1	0.696380177	0.696380177	0.696380177	NA	1	0
	0.998207054					
CASS4	ENSG00000087589.16	0.486266167	2	2	0.231129433	
	Brain_Cerebellar_Hemisphere	0.987755718		Brain_Cortex	1.062201987	
	0.937798013	0.937798013	-0.015346534	1.197454548	0.591054007	
	0.857579869	2	0	0.998207054		
VSTM2B	ENSG00000187135.7	0.486328581	2	2	0.229894158	
	Brain_Cerebellum	0.263179353		Brain_Cerebellar_Hemisphere	1.927249996	
	0.072750004	0.072750004	-1.200631547	-1.118908086	-1.159769816	
	0.057787214	2	0	0.998207054		
COPA	ENSG00000122218.14	0.486421939	12	4	0.079090845	Brain_Cortex
	0.548183591	Brain_Substantia_nigra		9.620482043	0.00140203	
	0.410609624	-1.755985729	-0.600484194	-0.98897553	0.344488484	
	4	0	0.998207054			
WDR73	ENSG00000177082.12	0.486500015	7	6	0.067082841	
	Brain_Nucleus_accumbens_basal_ganglia	0.957332005		Brain_Cerebellum		
	3.272114029	0.019817424	0.362569632	-1.83111861	0.682456944	
	-0.642532518	0.893814039	6	0	0.998207054	
KLHL33	ENSG00000185271.7	0.486518537	2	2	0.238905144	
	Brain_Nucleus_accumbens_basal_ganglia	0.680093393		Brain_Caudate_basal_ganglia		
	1.155343568	0.844656432	0.844656432	0.41233569	1.177727791	
	0.79503174	0.541213945	2	0	0.998207054	
SLC25A30-AS1	ENSG00000251015.1	0.486678145	2	2	0.242325745	
	Brain_Cerebellar_Hemisphere	0.462725237		Brain_Caudate_basal_ganglia		
	1.774552949	0.225447051	0.225447051	-1.169193336	-0.734366765	
	-0.951780051	0.307468817	2	0	0.998207054	
PGD	ENSG00000142657.20	0.48678761	2	2	0.446697274	Brain_Amygdala
	0.500807454	Brain_Nucleus_accumbens_basal_ganglia		1.28427467	0.71572533	
	0.71572533	-0.673219819	0.760932687	0.043856434	1.014098962	2
	0	0.998207054				
EFCAB12	ENSG00000172771.11	0.486799056	3	3	0.21774545	Brain_Cerebellum
	0.914234177	Brain_Cerebellar_Hemisphere		1.300759203	0.68048735	0.68048735
	-0.10769936	1.232545315	0.723277736	0.725731843	3	0
	0.998207054					
RP11-107N15.1	ENSG00000273209.1	0.48688019	3	3	0.253450913	
	Brain_Cerebellar_Hemisphere	0.623999135		Brain_Cerebellum	1.617976703	
	0.584291727	0.584291727	-0.590504107	1.142007475	0.347231274	
	0.875058336	3	0	0.998207054		
CCDC62	ENSG00000130783.13	0.487103856	2	2	0.382800398	
	Brain_Amygdala	0.440121348		Brain_Hippocampus	1.05661556	0.94338444
	0.94338444	-0.771988316	0.872748092	0.050379888	1.163004267	2
	0	0.998207054				
SMIM13	ENSG00000224531.5	0.487148118	2	2	0.384059568	
	Brain_Cerebellar_Hemisphere	0.405673052		Brain_Hippocampus	1.007473868	
	0.992526132	0.992526132	-0.870440781	-0.831532189	-0.850986485	
	0.027512529	2	0	0.998207054		
ABCA8	ENSG00000141338.13	0.48719356	3	3	0.196400204	
	Brain_Spinal_cord_cervical_c-1	0.424006737		Brain_Putamen_basal_ganglia		
	2.480174337	0.090028148	0.090028148	0.79948932	1.291875671	
	1.108396673	0.26909159	3	0	0.998207054	
MROH6	ENSG00000204839.8	0.487225663	7	4	0.398496668	
	Brain_Putamen_basal_ganglia	0.881375866		Brain_Cortex	5.590292752	
	0.001502513	0.251482441	-0.844309161	0.815719078	0.017939822	
	0.568961848	4	0	0.998207054		
FECH	ENSG00000066926.10	0.487239033	5	5	0.129595636	
	Brain_Frontal_Cortex_BA9	0.74503807		Brain_Nucleus_accumbens_basal_ganglia		
	1.666875	0.35902106	0.35902106	-0.623870755	1.515698388	0.570398855
	0.791009643	5	0	0.998207054		
PPP3CB	ENSG00000107758.15	0.487243676	1	1	0.487243676	
	Brain_Caudate_basal_ganglia	0.487243676		Brain_Caudate_basal_ganglia	1	1
	1	-0.694699445	-0.694699445	-0.694699445	NA	1
					0	

0.998207054
PCDHA2 ENSG00000204969.6 0.48742349 5 5 0.2863169
Brain_Frontal_Cortex_BA9 0.993972522 Brain_Putamen_basal_ganglia
3.311225633 0.115447144 0.115447144 -0.129361492 1.06623616
0.14742045 0.516423774 5 0 0.998207054
PRRT4 ENSG00000224940.8 0.487501418 1 1 0.487501418
Brain_Putamen_basal_ganglia 0.487501418 Brain_Putamen_basal_ganglia 1 1
1 -0.694288313 -0.694288313 -0.694288313 NA 1 0
0.998207054
TEKT2 ENSG00000092850.11 0.48750333 1 1 0.48750333
Brain_Anterior_cingulate_cortex_BA24 0.48750333
Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.694285265
0.694285265 0.694285265 NA 1 0 0.998207054
RSL24D1 ENSG00000137876.9 0.487541478 2 2 0.288523947
Brain_Amygdala 0.520393071 Brain_Cerebellum 1.08256172 0.91743828 0.91743828
0.642739616 1.061365241 0.852052428 0.296013018 2 0
0.998207054
MLX ENSG00000108788.11 0.487669927 1 1 0.487669927
Brain_Nucleus_accumbens_basal_ganglia 0.487669927
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.694019585
-0.694019585 -0.694019585 NA 1 0 0.998207054
C11orf49 ENSG00000149179.13 0.487781562 1 1 0.487781562
Brain_Cerebellum 0.487781562 Brain_Cerebellum 1 1 1 0.693841582
0.693841582 0.693841582 NA 1 0 0.998207054
CTC-444N24.8 ENSG00000268713.1 0.48779695 1 1 0.48779695
Brain_Putamen_basal_ganglia 0.48779695 Brain_Putamen_basal_ganglia 1 1 1
-0.693817048 -0.693817048 -0.693817048 NA 1 0 0.998207054
SCO2 ENSG00000130489.14 0.488069787 3 3 0.144841988
Brain_Substantia_nigra 0.955229621 Brain_Hippocampus 1.327455533
0.68289661 0.68289661 -0.056140826 1.457994759 0.488729724
0.841566784 3 0 0.998207054
ZRSR1 ENSG00000212643.2 0.488298035 1 1 0.488298035 Brain_Cerebellum
0.488298035 Brain_Cerebellum 1 1 1 0.693018351 0.693018351
0.693018351 NA 1 0 0.998207054
IGFALS ENSG00000099769.5 0.488386704 3 2 0.251642212
Brain_Cerebellum 0.330143005 Brain_Frontal_Cortex_BA9 2.335445169
0.04049918 0.624055651 0.973825871 1.146369707 1.04664351
0.089363844 2 0 0.998207054
UTP23 ENSG00000147679.11 0.48848317 6 2 0.216784549
Brain_Frontal_Cortex_BA9 0.907731649 Brain_Cortex 4.777871253
1.10E-05 1.006285974 0.115900185 1.235123489 0.635361914
0.428639095 2 0 0.998207054
RIC1 ENSG00000107036.11 0.48850037 2 2 0.231519742 Brain_Cerebellum
0.277972289 Brain_Cerebellar_Hemisphere 1.893036572 0.106963428
0.106963428 -1.196453225 -1.084885684 -1.140669454 0.078890165
2 0 0.998207054
CHST5 ENSG00000135702.14 0.488530703 4 4 0.073441935
Brain_Cerebellar_Hemisphere 0.259381524 Brain_Cerebellum 3.223113817
0.15323999 0.15323999 -1.790074504 -1.127854142 -1.410006141
0.277451176 4 0 0.998207054
FBL ENSG00000105202.8 0.488792559 1 1 0.488792559 Brain_Cerebellum
0.488792559 Brain_Cerebellum 1 1 1 0.692230546 0.692230546
0.692230546 NA 1 0 0.998207054
SSTR5 ENSG00000162009.8 0.488807357 1 1 0.488807357
Brain_Hypothalamus 0.488807357 Brain_Hypothalamus 1 1 1
0.692206979 0.692206979 0.692206979 NA 1 0 0.998207054
LARS2 ENSG00000011376.9 0.488820459 13 4 0.017614637
Brain_Anterior_cingulate_cortex_BA24 0.942831856
Brain_Spinal_cord_cervical_c-1 10.55686658 0.00111007 0.46329186
0.071711057 2.373620653 1.427923726 0.796218432 4 0
0.998207054
ITCH ENSG00000078747.14 0.488875927 1 1 0.488875927 Brain_Cortex

	0.488875927	Brain_Cortex	1	1	-0.692097778	-0.692097778
	-0.692097778	NA	1	0	0.998207054	
MTHFD1	ENSG00000100714.15	0.488915315	3	3	0.181285869	
	Brain_Cerebellar_Hemisphere	0.877462049		Brain_Hypothalamus	1.126360048	
	0.843544549	0.843544549	-1.336806311	0.154187309	-0.695244832	
	0.766924476	3	0	0.998207054		
UBTD2	ENSG00000168246.5	0.488959008	1	1	0.488959008	
	Brain_Nucleus_accumbens_basal_ganglia	0.488959008				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.691965479	
	-0.691965479	-0.691965479	NA	1	0	0.998207054
HNRNPDL	ENSG00000152795.17	0.489104176	1	1	0.489104176	
	Brain_Nucleus_accumbens_basal_ganglia	0.489104176				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.691734343	
	-0.691734343	-0.691734343	NA	1	0	0.998207054
LRRC37B	ENSG00000185158.12	0.489186635	5	4	0.283209647	
	Brain_Nucleus_accumbens_basal_ganglia	0.982595994		Brain_Amygdala		
	3.456528493	0.010231558	0.117483382	-1.07313701	-0.021814416	
	-0.435195419	0.450817222	4	0	0.998207054	
NAGPA	ENSG00000103174.11	0.489235462	6	6	0.120921937	
	Brain_Anterior_cingulate_cortex_BA24	0.646813268		Brain_Putamen_basal_ganglia		
	1.717322117	0.299024264	0.299024264	-1.550915492	1.324773566	
	-0.042510816	1.022474794	6	0	0.998207054	
IL15RA	ENSG00000134470.20	0.489244809	1	1	0.489244809	
	Brain_Nucleus_accumbens_basal_ganglia	0.489244809				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.691510461	
	-0.691510461	-0.691510461	NA	1	0	0.998207054
DGKH	ENSG00000102780.16	0.489260598	2	1	0.485219929	
	Brain_Cerebellar_Hemisphere	0.498078092		Brain_Cerebellum	1.978302659	
	0.021697341	1.978302659	0.677516835	0.697931667	0.687724251	
	0.014435466	1	0	0.998207054		
LINC02021	ENSG00000249846.6	0.489281157	11	4	0.192429293	
	Brain_Spinal_cord_cervical_c-1	0.989674368		Brain_Cerebellar_Hemisphere		
	8.287052312	0.006534983	0.276565206	-1.30342621	0.86425561	
	-0.616402559	0.630054854	4	0	0.998207054	
RP11-428J1.5	ENSG00000272142.1	0.489313591	1	1	0.489313591	
	Brain_Hypothalamus	0.489313591		Brain_Hypothalamus	1	1
	0.691400975	0.691400975	0.691400975	NA	1	0
					0.998207054	
GK5	ENSG00000175066.15	0.489354333	1	1	0.489354333	
	Brain_Nucleus_accumbens_basal_ganglia	0.489354333				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.691336128	
	0.691336128	0.691336128	NA	1	0	0.998207054
C19orf71	ENSG00000183397.5	0.489433181	8	5	0.368677455	
	Brain_Caudate_basal_ganglia	0.923095565		Brain_Nucleus_accumbens_basal_ganglia		
	5.069531881	0.032817439	0.23309969	-0.675857374	0.898953452	
	0.166948949	0.54566461	5	0	0.998207054	
RP11-10L7.1	ENSG00000246375.2	0.489449586	13	1	0.349000619	
	Brain_Hypothalamus	0.687478848		Brain_Substantia_nigra	12.68608361	
	3.31E-05	12.68608361	0.402278809	0.936529524	0.682739773	
	0.197263758	1	0	0.998207054		
CSRP2	ENSG00000175183.9	0.4894609	10	7	0.041972157	Brain_Hypothalamus
	0.982403054	Brain_Frontal_Cortex_BA9	5.289140869	0.005477261		
	0.197850022	0.02205629	2.033796107	0.824184366	0.631189457	7
	0	0.998207054				
PANK2	ENSG00000125779.21	0.489468872	1	1	0.489468872	
	Brain_Hypothalamus	0.489468872		Brain_Hypothalamus	1	1
	0.691153835	0.691153835	0.691153835	NA	1	0
					0.998207054	
PLEKHB1	ENSG00000021300.13	0.489508477	5	5	0.048029816	
	Brain_Putamen_basal_ganglia	0.399590151		Brain_Cerebellar_Hemisphere		
	3.214183005	0.169381014	0.169381014	-1.97710453	-0.842353431	
	-1.131562877	0.488990483	5	0	0.998207054	
PCNT	ENSG00000160299.16	0.4895417	6	4	0.343526064	Brain_Hypothalamus
	0.940827558	Brain_Nucleus_accumbens_basal_ganglia	4.633877161			

	0.034328594	0.176375979	-0.94722122	0.941778084	0.007124788
	0.614729229	4	0	0.998207054	
TTC9	ENSG00000133985.2	0.489612373	1	1	0.489612373
	Brain_Cerebellar_Hemisphere	0.489612373		Brain_Cerebellar_Hemisphere	1
	1	0.69092548	0.69092548	0.69092548	NA
				1	0
				0.998207054	
HSPE1	ENSG00000115541.10	0.489645324	1	1	0.489645324
	Brain_Anterior_cingulate_cortex_BA24	0.489645324			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.690873049
	-0.690873049	-0.690873049	NA	1	0
				0.998207054	
SNRNP200	ENSG00000144028.14	0.489725062	1	1	0.489725062
	Brain_Caudate_basal_ganglia	0.489725062		Brain_Caudate_basal_ganglia	1
	1	0.690746181	0.690746181	0.690746181	NA
				1	0
				0.998207054	
C15orf57	ENSG00000128891.15	0.489756364	13	2	0.280400131
	Brain_Nucleus_accumbens_basal_ganglia	0.986090875		Brain_Cerebellar_Hemisphere	
	11.55230891	0.000953425	0.693482078	-1.048131027	1.079420917
	-0.196735875	0.537962814	2	0	0.998207054
SCLT1	ENSG00000151466.11	0.489823137	2	2	0.569226608
	Brain_Cerebellum				
	0.801491674	Brain_Cerebellar_Hemisphere	1.759281274	0.240718726	
	0.240718726	-0.569190882	0.251417067	-0.158886908	0.580257445
	2	0	0.998207054		
DPP3	ENSG00000254986.7	0.489835844	3	3	0.19831176
	Brain_Spinal_cord_cervical_c-1	0.467970786		Brain_Caudate_basal_ganglia	
	1.762036354	0.342999223	0.342999223	0.72578467	1.286376315
	1.058112672	0.294427905	3	0	0.998207054
TJP3	ENSG00000105289.14	0.489848958	2	2	0.353911235
	Brain_Putamen_basal_ganglia	0.467445999		Brain_Nucleus_accumbens_basal_ganglia	
	1.028759126	0.971240874	0.971240874	-0.726640847	0.927029468
	0.10019431	1.169321493	2	0	0.998207054
SOX9	ENSG00000125398.5	0.489870571	1	1	0.489870571
	Brain_Putamen_basal_ganglia	0.489870571		Brain_Putamen_basal_ganglia	1
	1	0.690514696	0.690514696	0.690514696	NA
				1	0
				0.998207054	
KIF2C	ENSG00000142945.12	0.489961088	3	3	0.380888439
	Brain_Anterior_cingulate_cortex_BA24	0.755238335		Brain_Hypothalamus	
	1.887670687	0.238101332	0.238101332	-0.620597625	0.876260489
	0.189134196	0.755923369	3	0	0.998207054
RPL13	ENSG00000167526.13	0.489977621	8	4	0.260022315
	Brain_Amygdala				
	0.62858495	Brain_Caudate_basal_ganglia	5.489652752	0.006060814	
	0.428373463	-1.049783772	1.126338388	-0.512433979	0.692221177
	4	0	0.998207054		
LRRC42	ENSG00000116212.14	0.490043635	1	1	0.490043635
	Brain_Spinal_cord_cervical_c-1	0.490043635		Brain_Spinal_cord_cervical_c-1	
	1	1	1	-0.690239423	-0.690239423
				-0.690239423	NA
				1	0
				0.998207054	
LPIN1	ENSG00000134324.11	0.490099366	12	10	0.081559575
	Brain_Amygdala				
	0.96173702	Brain_Putamen_basal_ganglia	4.179212904	0.004192097	
	0.264017994	-1.741707867	1.272773504	-0.264358801	0.866190941
	10	0	0.998207054		
ETFRF1	ENSG00000205707.10	0.490106622	2	2	0.267822912
	Brain_Cerebellum	0.576545211		Brain_Nucleus_accumbens_basal_ganglia	
	1.104178933	0.895821067	0.895821067	-1.108090086	0.558438174
	-0.274825956	1.178413434	2	0	0.998207054
TEX14	ENSG00000121101.15	0.490134937	13	7	0.13265593
	Brain_Cortex				
	0.923587069	Brain_Cerebellum	8.340635217	0.034667537	0.35241706
	-1.503710478	1.146105878	0.457367924	0.69124718	7
				0	
				0.998207054	
PPP1R17	ENSG00000106341.10	0.490135216	2	2	0.298302705
	Brain_Nucleus_accumbens_basal_ganglia	0.625625358		Brain_Caudate_basal_ganglia	
	1.092704107	0.907295893	0.907295893	-0.487893388	1.040080064
	0.276093338	1.08044039	2	0	0.998207054
TMEM244	ENSG00000203756.7	0.49015142	5	4	0.096928891
	Brain_Cortex				

	0.973391772	Brain_Spinal_cord_cervical_c-1	2.88006556	0.030249982				
	0.360639712	-1.659928235	-0.033354652	-0.96361266	0.724157354			
	4	0	0.998207054					
LINC01842	ENSG00000267147.2	0.490244581	2	2	0.232537193			
	Brain_Putamen_basal_ganglia	0.970929948			Brain_Spinal_cord_cervical_c-1			
	1.013212932	0.986787068	0.986787068	-0.036441971	1.19384861			
	0.578703319	0.869946813	2	0	0.998207054			
SEMA7A	ENSG00000138623.9	0.490249053	1	1	0.490249053			
	Brain_Cerebellum	0.490249053	Brain_Cerebellum	1	1	1	0.689912756	
	0.689912756	0.689912756	NA	1	0	0.998207054		
LINC01748	ENSG00000226476.3	0.490356524	4	3	0.22063153			
	Brain_Putamen_basal_ganglia	0.915787428			Brain_Spinal_cord_cervical_c-1			
	2.742023273	0.066502892	0.211313269	-1.224850564	0.105741531			
	-0.523274591	0.55266736	3	0	0.998207054			
C2orf15	ENSG00000273045.5	0.490500327	1	1	0.490500327			
	Brain_Spinal_cord_cervical_c-1	0.490500327			Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.689513268	-0.689513268	-0.689513268	NA	1
	0.998207054							0
RP11-304L19.13	ENSG00000260778.5	0.490502412	12	3	0.272829508			
	Brain_Substantia_nigra	0.853782114			Brain_Putamen_basal_ganglia			
	9.419355448	0.007299483	0.48843035	-1.09656977	-0.184294901			
	-0.634333828	0.359013495	3	0	0.998207054			
SLC22A18AS	ENSG00000254827.5	0.490517157	2	2	0.258006986			
	Brain_Frontal_Cortex_BA9	0.403560981			Brain_Cortex	1.435177894		
	0.564822106	0.564822106	0.835278392	1.131114301	0.983196346			
	0.209187577	2	0	0.998207054				
NBPF3	ENSG00000142794.18	0.490602731	13	1	0.312243951			
	Brain_Anterior_cingulate_cortex_BA24	0.617144046			Brain_Cortex			
	12.82675093	0.000150849	12.82675093	-1.010524744	-0.499902054			
	-0.684840356	0.139834767	1	0	0.998207054			
ACTR10	ENSG00000131966.13	0.490640321	4	4	0.192004914			
	Brain_Hypothalamus	0.68273117	Brain_Frontal_Cortex_BA9	1.941276074				
	0.29789237	0.29789237	-0.903168752	1.304670961	0.238540959			
	1.061701753	4	0	0.998207054				
CDCA5	ENSG00000146670.9	0.490689562	1	1	0.490689562			
	Brain_Putamen_basal_ganglia	0.490689562			Brain_Putamen_basal_ganglia	1	1	
	1	-0.689212484	-0.689212484	-0.689212484	NA	1	0	
	0.998207054							
ZNF273	ENSG00000198039.11	0.490767607	13	8	0.131494652			
	Brain_Putamen_basal_ganglia	0.91447461	Brain_Hippocampus	6.495123977				
	0.023723909	0.219660404	-0.919968531	1.508233985	0.42284677			
	0.694295541	8	0	0.998207054				
LINC01915	ENSG00000265485.5	0.490778452	2	1	0.465723838			
	Brain_Cerebellum	0.521459924			Brain_Cerebellar_Hemisphere	1.978026463		
	0.021973537	1.978026463	-0.729454259	-0.641096599	-0.685275429			
	0.0624783	1	0	0.998207054				
SRSF4	ENSG00000116350.16	0.490804367	2	2	0.274207959			
	Brain_Cerebellar_Hemisphere	0.66899703	Brain_Cortex	1.045106071				
	0.954893929	0.954893929	0.427524932	1.093423366	0.760474149			
	0.470861298	2	0	0.998207054				
GPRC5D	ENSG00000111291.8	0.49082912	1	1	0.49082912			
	Brain_Substantia_nigra	0.49082912	Brain_Substantia_nigra	1	1	1		
	0.688990701	0.688990701	0.688990701	NA	1	0	0.998207054	
CHRD	ENSG00000090539.15	0.490838021	2	2	0.256280956			
	Brain_Cerebellar_Hemisphere	1.788206566			Brain_Cerebellum			
	0.503459574	0.669056285	1.135225241	0.902140763	0.32963123	2		
	0.211793434	0	0.998207054					
AC008088.4	ENSG00000260907.1	0.490892746	1	1	0.490892746			
	Brain_Cerebellum	0.490892746	Brain_Cerebellum	1	1	1	-0.688889597	
	-0.688889597	-0.688889597	NA	1	0	0.998207054		
CNTNAP2	ENSG00000174469.19	0.490893469	4	4	0.157456471			
	Brain_Cerebellum	0.819531089			Brain_Caudate_basal_ganglia	1.646518778		

	0.354100342	0.354100342	-1.413677987	0.228148124	-0.669704837
	0.68774038	4 0	0.998207054		
PRELID2	ENSG00000186314.11	0.490924333	1	1	0.490924333
	Brain_Spinal_cord_cervical_c-1	0.490924333			Brain_Spinal_cord_cervical_c-1
	1 1 1	-0.688839408	-0.688839408	-0.688839408	NA 1 0
	0.998207054				
SPINT1	ENSG00000166145.14	0.490927259	1	1	0.490927259
	Brain_Hypothalamus	0.490927259			Brain_Hypothalamus 1 1 1
	0.688834759	0.688834759	0.688834759	NA 1 0	0.998207054
TIMMDC1	ENSG00000113845.9	0.491008135	1	1	0.491008135
	Brain_Nucleus_accumbens_basal_ganglia	0.491008135			
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1			-0.688706261
	-0.688706261	-0.688706261	NA 1 0		0.998207054
LSINCT5	ENSG00000281560.1	0.491042775	1	1	0.491042775
	Brain_Cerebellum	0.491042775			Brain_Cerebellum 1 1 1
	0.688651228	0.688651228	NA 1 0		0.688651228
SLC23A1	ENSG00000170482.16	0.491287396	2	2	0.249210915
	Brain_Hippocampus	0.710950594			Brain_Cortex 1.056334152
	0.943665848	0.943665848	-1.152268116	-0.370579714	-0.761423915
	0.55273717	2 0	0.998207054		
RP11-326I11.4	ENSG00000271538.5	0.491337805	12	1	0.292050654
	Brain_Nucleus_accumbens_basal_ganglia	0.934090693			Brain_Putamen_basal_ganglia
	11.27116526	6.93E-17	11.27116526	-1.053633699	-0.082699235
	-0.665061658	0.257554542	1 0		0.998207054
SHISA5	ENSG00000164054.15	0.491406027	2	2	0.235481813
	Brain_Frontal_Cortex_BA9	0.411515573			Brain_Cerebellum 1.614912162
	0.385087838	0.385087838	0.821229471	1.186355814	1.003792642
	0.258183314	2 0	0.998207054		
DUOX1	ENSG00000137857.17	0.491544567	9	6	0.038806367
	Brain_Substantia_nigra	0.939458533			Brain_Amygdala 5.520533032
	0.018140707	0.216234403	-1.749215114	2.066234243	0.77053663
	1.494415088	6 0	0.998207054		
MYL12A	ENSG00000101608.12	0.491568154	1	1	0.491568154
	Brain_Cerebellum	0.491568154			Brain_Cerebellum 1 1 1
	-0.687816803	-0.687816803	NA 1 0		0.998207054
CENPF	ENSG00000117724.12	0.491611099	2	2	0.328976393
	Brain_Hypothalamus	0.427124057			Brain_Cortex 1.118201374
	0.881798626	0.881798626	-0.976177739	0.794122609	-0.091027565
	1.25179138	2 0	0.998207054		
FAM118A	ENSG00000100376.11	0.492011162	13	1	0.317302302
	Brain_Amygdala	0.652167468			Brain_Cerebellum 12.76477676
	12.76477676	0.450753154	1.000016956	0.680859711	0.000254112
	1 0	0.998207054			0.154717895
GCC1	ENSG00000179562.2	0.492056487	1	1	0.492056487
	Brain_Cerebellum	0.492056487			Brain_Cerebellum 1 1 1
	-0.687041643	NA 1 0			-0.687041643
PSIP1	ENSG00000164985.14	0.492210522	2	2	0.239501388
	Brain_Putamen_basal_ganglia	0.895245239			Brain_Frontal_Cortex_BA9
	1.263543986	0.736456014	0.736456014	-1.176233984	-0.131670097
	-0.65395204	0.738618208	2 0		0.998207054
DNAJC8	ENSG00000126698.10	0.4922716	4	2	0.245817384
	Brain_Spinal_cord_cervical_c-1	0.581300768			Brain_Caudate_basal_ganglia
	3.306418809	0.027988918	0.622882996	-1.160568592	-0.551485698
	-0.814933337	0.28776812	2 0		0.998207054
HHAT	ENSG00000054392.12	0.492389338	5	5	0.178128795
	Brain_Caudate_basal_ganglia	0.868671956			Brain_Frontal_Cortex_BA9 2.40449513
	0.184444681	0.184444681	-0.284413384	1.346538866	0.440461224
	0.79684367	5 0	0.998207054		
RUNX3	ENSG00000020633.18	0.492453942	1	1	0.492453942
	Brain_Substantia_nigra	0.492453942			Brain_Substantia_nigra 1 1
	1 0.686411044	0.686411044	0.686411044	NA 1 0	
	0.998207054				

PCP4	ENSG00000183036.10	0.49248013	1	1	0.49248013	Brain_Cortex	0.49248013
	Brain_Cortex	1	1	1	-0.686369504	-0.686369504	-0.686369504
	NA	1	0	0.998207054			
CRACR2A	ENSG00000130038.9	0.492622946	1	1	0.492622946		
	Brain_Spinal_cord_cervical_c-1	0.492622946			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.686142987	-0.686142987	-0.686142987	NA 1 0
	0.998207054						
LINC00437	ENSG00000236354.1	0.492650209	7	5	0.317635522		
	Brain_Cortex	0.960173802			Brain_Nucleus_accumbens_basal_ganglia		
	5.139566374	0.008428592			0.253568441	-0.628549493	0.999328627
	0.063493802	0.574648885	5	0	0.998207054		
TMC5	ENSG00000103534.16	0.492667244	2	2	0.403469203		
	Brain_Cerebellar_Hemisphere	0.748428886			Brain_Cortex	1.4964698	0.5035302
	0.5035302	-0.835441445	0.320711692		-0.257364877	0.817523724	2
	0	0.998207054					
CELF5	ENSG00000161082.12	0.492955702	1	1	0.492955702		
	Brain_Cerebellar_Hemisphere	0.492955702			Brain_Cerebellar_Hemisphere	1	1
	1	0.685615345	0.685615345	0.685615345	NA	1	0
	0.998207054						
APOBEC3G	ENSG00000239713.8	0.493115964	12	9	0.09048961		
	Brain_Hypothalamus	0.94312356	Brain_Anterior_cingulate_cortex_BA24				
	5.836495889	0.00769134	0.206486932		-1.549510792	1.692820656	
	0.357535813	1.014486809	9	0	0.998207054		
NAMA	ENSG00000271086.5	0.493219665	2	2	0.401100013	Brain_Cerebellum	
	0.885097382	Brain_Cerebellar_Hemisphere	1.616907731		0.383092269		
	0.383092269	-0.144510479	0.839658279		0.3475739	0.695912403	2
	0	0.998207054					
ACTL6B	ENSG00000077080.9	0.493231053	2	2	0.364551923		
	Brain_Spinal_cord_cervical_c-1	0.462191241			Brain_Hypothalamus		
	1.036688733	0.963311267	0.963311267		-0.906725598	-0.735243451	
	-0.820984525	0.121256189	2	0	0.998207054		
MSANTD1	ENSG00000188981.10	0.493293855	4	4	0.084204934		
	Brain_Anterior_cingulate_cortex_BA24	0.908027814	Brain_Cerebellum				
	1.819670724	0.185416193	0.185416193		-0.136314086	1.726792509	
	0.475857927	0.873989347	4	0	0.998207054		
GPHN	ENSG00000171723.15	0.493434268	1	1	0.493434268		
	Brain_Cerebellar_Hemisphere	0.493434268			Brain_Cerebellar_Hemisphere	1	1
	1	-0.684856833	-0.684856833	-0.684856833	NA	1	0
	0.998207054						
ODF1	ENSG00000155087.3	0.49350936	4	3	0.309349758		
	Brain_Frontal_Cortex_BA9	0.984189553	Brain_Cortex		3.136801654		
	0.029433965	0.153963254	-0.019816753		1.016587384	0.520670963	
	0.459468797	3	0	0.998207054			
NSF	ENSG00000073969.18	0.493566574	3	3	0.342225791		
	Brain_Cerebellar_Hemisphere	0.923857916	Brain_Putamen_basal_ganglia		1.50984215		
	0.499528551	0.499528551	-0.949776576		0.600958315	-0.084414334	
	0.790880437	3	0	0.998207054			
FGF14-AS2	ENSG00000272143.1	0.493643217	12	5	0.120536939		
	Brain_Putamen_basal_ganglia	0.951012572	Brain_Amygdala		8.681929906		
	0.00034377	0.419375063	-0.078517567		1.552523816	0.979988171	
	0.504335946	5	0	0.998207054			
TECPR2	ENSG00000196663.15	0.493992783	2	2	0.458918571		
	Brain_Cerebellum	0.694833627	Brain_Cerebellar_Hemisphere		1.531852029		
	0.468147971	0.468147971	-0.74062875		0.392303974	-0.174162388	
	0.801104412	2	0	0.998207054			
GGT2	ENSG00000133475.16	0.49402172	2	2	0.236983448		
	Brain_Caudate_basal_ganglia	0.884894022	Brain_Cerebellum		1.030204259		
	0.969795741	0.969795741	0.144768033		1.182560315	0.663664174	
	0.73382996	2	0	0.998207054			
APOLD1	ENSG00000178878.12	0.494097738	1	1	0.494097738		
	Brain_Spinal_cord_cervical_c-1	0.494097738			Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.683805903	0.683805903	0.683805903	NA 1 0

0.998207054
WDR75 ENSG00000115368.9 0.494098344 8 2 0.442641365
Brain_Putamen_basal_ganglia 0.938917955 Brain_Hippocampus 7.012193475
0.004448608 0.731951913 -0.767740509 0.693337102 0.212463582
0.465414015 2 0 0.998207054
LGALS7 ENSG00000205076.4 0.494206573 1 1 0.494206573
Brain_Hypothalamus 0.494206573 Brain_Hypothalamus 1 1 1
0.683633583 0.683633583 0.683633583 NA 1 0 0.998207054
LAMA2 ENSG00000196569.11 0.494307939 4 4 0.112213543
Brain_Putamen_basal_ganglia 0.8147483 Brain_Caudate_basal_ganglia 2.3493532
0.149801326 0.149801326 -0.234304877 1.588322011 0.761767628
0.900236148 4 0 0.998207054
VPS51 ENSG00000149823.8 0.494339035 1 1 0.494339035
Brain_Nucleus_accumbens_basal_ganglia 0.494339035
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.68342388 0.68342388
0.68342388 NA 1 0 0.998207054
TEX261 ENSG00000144043.11 0.494551394 8 5 0.091386149
Brain_Cerebellar_Hemisphere 0.996544196 Brain_Nucleus_accumbens_basal_ganglia
5.768177951 0.001934404 0.197748014 -1.688130665 0.482423041
-0.059714375 0.721086326 5 0 0.998207054
METTL15 ENSG00000169519.20 0.494680917 8 4 0.068081119
Brain_Anterior_cingulate_cortex_BA24 0.843270018 Brain_Hypothalamus
5.790163776 0.028598261 0.372870635 -1.824469525 0.197712489
-0.980880153 0.603791994 4 0 0.998207054
ZFP3 ENSG00000180787.5 0.49469666 1 1 0.49469666 Brain_Cerebellar_Hemisphere
0.49469666 Brain_Cerebellar_Hemisphere 1 1 1 -0.682857866
-0.682857866 -0.682857866 NA 1 0 0.998207054
CTD-2240J17.4 ENSG00000275995.1 0.494729117 1 1 0.494729117
Brain_Frontal_Cortex_BA9 0.494729117 Brain_Frontal_Cortex_BA9 1 1
1 0.682806507 0.682806507 0.682806507 NA 1 0
0.998207054
ARID3A ENSG00000116017.10 0.49473139 5 5 0.229946019
Brain_Hippocampus 0.558095872 Brain_Cerebellar_Hemisphere 1.256234753
0.730889245 0.730889245 -1.200497921 1.058698297 0.476769239
0.956928399 5 0 0.998207054
RP11-203M5.8 ENSG00000258908.1 0.494778224 1 1 0.494778224
Brain_Substantia_nigra 0.494778224 Brain_Substantia_nigra 1 1
1 -0.682728805 -0.682728805 -0.682728805 NA 1 0
0.998207054
SCIN ENSG00000006747.14 0.494844174 4 4 0.222389939
Brain_Nucleus_accumbens_basal_ganglia 0.933709237 Brain_Frontal_Cortex_BA9
1.930779558 0.113135583 0.113135583 0.083178967 1.2201977
0.656425165 0.483869577 4 0 0.998207054
RP1-60019.2 ENSG00000229654.1 0.494958083 12 6 0.215478576
Brain_Hippocampus 0.907236832 Brain_Cerebellum 8.42272021 0.01049511
0.322627054 -1.221446362 1.238640732 -0.10938137 0.61369532 6
0 0.998207054
NOSTRIN ENSG00000163072.15 0.494967009 4 4 0.106700413
Brain_Substantia_nigra 0.690083181 Brain_Cortex 1.859534337
0.259022828 0.259022828 -1.613202995 -0.398742185 -0.994363051
0.508864709 4 0 0.998207054
BIVM ENSG00000134897.13 0.495017601 10 7 0.124152156
Brain_Anterior_cingulate_cortex_BA24 0.990902038 Brain_Cortex
5.971148532 0.015971428 0.299789413 -1.537576669 0.521849478
-0.22193498 0.753754274 7 0 0.998207054
DPY19L2 ENSG00000177990.11 0.495036345 10 4 0.173854852
Brain_Amygdala 0.957932061 Brain_Anterior_cingulate_cortex_BA24
7.890652201 0.000974734 0.404762107 -0.563501672 1.359921231
-0.035863068 0.527870386 4 0 0.998207054
TMEM5 ENSG00000118600.11 0.495063289 5 5 0.387120669
Brain_Substantia_nigra 0.979333133 Brain_Anterior_cingulate_cortex_BA24
2.845267511 0.289639705 0.289639705 -0.842079206 0.864850829

	-0.111584752	0.623348771	5	0	0.998207054			
RAPGEF2	ENSG00000109756.8	0.495069338	1	1	0.495069338			
	Brain_Hippocampus	0.495069338	Brain_Hippocampus	1	1	1		
	0.682268262	0.682268262	0.682268262	NA	1	0	0.998207054	
ABCC2	ENSG00000023839.10	0.495101905	2	2	0.236880728			
	Brain_Spinal_cord_cervical_c-1	0.400577083	Brain_Cerebellum	1.657682649				
	0.342317351	0.342317351	0.840591034	1.182819405	1.01170522			
	0.241992002	2	0	0.998207054				
GNRHR	ENSG00000109163.6	0.495120137	5	3	0.219329117			
	Brain_Hypothalamus	0.967842756	Brain_Cerebellum	4.276389144				
	0.006735212	0.185847894	-0.040314045	1.228314001	0.410028535			
	0.531229463	3	0	0.998207054				
TONSL	ENSG00000160949.16	0.495128781	5	5	0.073384412	Brain_Cortex		
	0.740371119	Brain_Cerebellum	2.27097943	0.117310921	0.117310921			
	-1.790432482	0.641051889	-0.197576774	1.028553865	5	0		
	0.998207054							
KIAA1324	ENSG00000116299.16	0.495164395	1	1	0.495164395			
	Brain_Nucleus_accumbens_basal_ganglia	0.495164395						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.682117912			
	0.682117912	0.682117912	NA	1	0	0.998207054		
NIPSNAP3A	ENSG00000136783.9	0.495197439	13	4	0.432566765			
	Brain_Nucleus_accumbens_basal_ganglia	0.997941064	Brain_Cerebellum					
	9.844221812	0.000874351	0.398431495	-0.78480695	0.731819544			
	-0.00932738	0.44643455	4	0	0.998207054			
LL22NC03-N95F10.1	ENSG00000282012.1	0.495237794	1	1	0.495237794			
	Brain_Hypothalamus	0.495237794	Brain_Hypothalamus	1	1	1		
	-0.682001829	-0.682001829	-0.682001829	NA	1	0	0.998207054	
HPYR1	ENSG00000253521.1	0.495244487	1	1	0.495244487	Brain_Cortex		
	0.495244487	Brain_Cortex	1	1	1	0.681991244	0.681991244	
	0.681991244	NA	1	0	0.998207054			
GNPTAB	ENSG00000111670.14	0.495327526	3	3	0.274400359			
	Brain_Nucleus_accumbens_basal_ganglia	0.529823248						
	Brain_Spinal_cord_cervical_c-1	1.369308276	0.587002622	0.587002622				
	-1.09298506	1.041607649	-0.226551088	1.122567859	3	0		
	0.998207054							
KLHL22	ENSG00000099910.16	0.495372775	2	2	0.235928854			
	Brain_Cerebellar_Hemisphere	0.898278138	Brain_Cortex	1.098165566				
	0.901834434	0.901834434	0.127836786	1.1852241	0.656530443			
	0.74768574	2	0	0.998207054				
Clorf131	ENSG00000143633.12	0.495419226	1	1	0.495419226			
	Brain_Cerebellum	0.495419226	Brain_Cerebellum	1	1	1	0.681714928	
	0.681714928	0.681714928	NA	1	0	0.998207054		
FAM138B	ENSG00000226516.7	0.495420152	7	6	0.112524126			
	Brain_Caudate_basal_ganglia	0.636662861	Brain_Nucleus_accumbens_basal_ganglia					
	4.598360273	0.103103931	0.176368828	-1.58694931	0.486619659			
	-0.659653214	0.664509335	6	0	0.998207054			
NOG	ENSG00000183691.4	0.495474519	2	2	0.23915135			
	Brain_Caudate_basal_ganglia	0.901820357	Brain_Spinal_cord_cervical_c-1					
	1.011949805	0.988050195	0.988050195	-1.177110638	-0.123362113			
	-0.650236375	0.745112728	2	0	0.998207054			
GABPB2	ENSG00000143458.11	0.49557828	4	4	0.104758241			
	Brain_Hippocampus	0.913634184	Brain_Cerebellar_Hemisphere	1.734174135				
	0.474863388	0.474863388	-0.108455745	1.622210703	0.723701474			
	0.711002208	4	0	0.998207054				
GFRA1	ENSG00000151892.14	0.495827162	7	4	0.08865285	Brain_Amygdala		
	0.909590401	Brain_Anterior_cingulate_cortex_BA24	4.37534464	0.000177205				
	0.716806267	-1.70254714	0.119216082	-0.775761951	0.606353171			
	4	0	0.998207054					
RP11-90P13.1	ENSG00000261795.1	0.495965366	2	2	0.270754575			
	Brain_Caudate_basal_ganglia	0.649513982	Brain_Putamen_basal_ganglia					
	1.017340068	0.982659932	0.982659932	-1.101326516	-0.454437478			
	-0.777881997	0.457419625	2	0	0.998207054			

TNFSF11	ENSG00000120659.14	0.495980019	1	1	0.495980019			
	Brain_Hypothalamus	0.495980019	Brain_Hypothalamus	1	1	1		
	0.680828492	0.680828492	0.680828492	NA	1	0	0.998207054	
Clorf204	ENSG00000188004.9	0.495986374	10	8	0.248336925			
	Brain_Anterior_cingulate_cortex_BA24	0.840644719	Brain_Frontal_Cortex_BA9					
	4.574495551	0.029029444	0.221873144	-1.102456447	1.154398268			
	-0.146366264	0.762775193	8	0	0.998207054			
ZNF485	ENSG00000198298.12	0.496062571	1	1	0.496062571			
	Brain_Substantia_nigra	0.496062571	Brain_Substantia_nigra	1	1			
	1	-0.68069805	-0.68069805	-0.68069805	NA	1	0	
	0.998207054							
PHC1	ENSG00000111752.10	0.496097397	3	3	0.348132303			
	Brain_Cerebellar_Hemisphere	0.931502202	Brain_Cerebellum	2.24152072				
	0.179274519	0.179274519	-0.938218169	-0.085954984	-0.485581275			
	0.428597395	3	0	0.998207054				
FST	ENSG00000134363.11	0.496218123	1	1	0.496218123			
	Brain_Caudate_basal_ganglia	0.496218123	Brain_Caudate_basal_ganglia	1	1			
	1	0.680452287	0.680452287	0.680452287	NA	1	0	
	0.998207054							
RTKN2	ENSG00000182010.10	0.496241541	1	1	0.496241541	Brain_Cortex		
	0.496241541	Brain_Cortex	1	1	1	0.680415292	0.680415292	
	0.680415292	NA	1	0	0.998207054			
SKAP2	ENSG00000005020.12	0.496248702	4	3	0.110073311	Brain_Cerebellum		
	0.75857428	Brain_Cortex	2.967183858	0.084299422	0.383307341			
	0.30735355	1.597863716	1.045713515	0.5406851	3	0	0.998207054	
RPS2	ENSG00000140988.15	0.496332446	1	1	0.496332446			
	Brain_Hippocampus	0.496332446	Brain_Hippocampus	1	1	1		
	-0.68027169	-0.68027169	-0.68027169	NA	1	0	0.998207054	
VPS13D	ENSG00000048707.13	0.496391882	1	1	0.496391882			
	Brain_Cortex	0.496391882	Brain_Cortex	1	1	1	-0.680177809	
	-0.680177809	-0.680177809	NA	1	0	0.998207054		
RP11-568A7.4	ENSG00000280707.2	0.496527841	1	1	0.496527841			
	Brain_Caudate_basal_ganglia	0.496527841	Brain_Caudate_basal_ganglia	1	1			
	1	-0.679963075	-0.679963075	-0.679963075	NA	1	0	
	0.998207054							
PEAK1	ENSG00000173517.10	0.496528687	13	4	0.048398722	Brain_Cortex		
	0.432690804	Brain_Anterior_cingulate_cortex_BA24	9.97286326	0.011091118				
	0.417194352	0.784595441	1.973850695	1.329668737	0.357170197			
	4	0	0.998207054					
RP11-11N7.4	ENSG00000273175.1	0.496642526	1	1	0.496642526			
	Brain_Hypothalamus	0.496642526	Brain_Hypothalamus	1	1	1		
	-0.679781968	-0.679781968	-0.679781968	NA	1	0	0.998207054	
NCAM2	ENSG00000154654.14	0.496653413	2	2	0.238530595			
	Brain_Hypothalamus	0.962106404	Brain_Cortex	1.0464045	0.9535955			
	0.9535955	-1.178667517	-0.047510447	-0.613088982	0.799848835	2		
	0	0.998207054						
PARD6G	ENSG00000178184.15	0.49667102	1	1	0.49667102			
	Brain_Cerebellar_Hemisphere	0.49667102	Brain_Cerebellar_Hemisphere	1	1	1		
	-0.679736975	-0.679736975	-0.679736975	NA	1	0	0.998207054	
ETF1	ENSG00000120705.12	0.496755946	1	1	0.496755946			
	Brain_Nucleus_accumbens_basal_ganglia	0.496755946						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.67960288	0.67960288		
	0.67960288	NA	1	0	0.998207054			
RP1-93H18.1	ENSG00000240050.5	0.496877599	3	3	0.124225247			
	Brain_Anterior_cingulate_cortex_BA24	0.882024107						
	Brain_Spinal_cord_cervical_c-1	1.4957862	0.551666761	0.551666761				
	0.148403793	1.537277999	0.74795601	0.713619167	3	0		
	0.998207054							
KCTD1	ENSG00000134504.12	0.496907549	3	3	0.222293376			
	Brain_Caudate_basal_ganglia	0.778726715	Brain_Cerebellum	1.136529899				
	0.87907303	0.87907303	-1.220452524	0.736716338	-0.067585819			
	1.024085163	3	0	0.998207054				

SCYL3 ENSG00000000457.13 0.496994699 10 6 0.256065345
 Brain_Nucleus_accumbens_basal_ganglia 0.964806015 Brain_Cerebellum
 6.225463377 0.004532388 0.275830924 -0.886483522 1.135740118
 0.472844376 0.712648736 6 0 0.998207054
 CASQ2 ENSG00000118729.11 0.497129623 2 2 0.241012593
 Brain_Nucleus_accumbens_basal_ganglia 0.914758456 Brain_Cerebellum
 1.217938721 0.782061279 0.782061279 -1.172459576 -0.107038475
 -0.639749025 0.753366485 2 0 0.998207054
 AJ003147.8 ENSG00000262521.1 0.497167412 2 2 0.280266484
 Brain_Cerebellum 0.745519137 Brain_Cerebellar_Hemisphere 1.64237402 0.35762598
 0.35762598 -1.0797209 -0.324553352 -0.702137126 0.533984094 2 0
 0.998207054
 GLI1 ENSG00000111087.9 0.497393156 1 1 0.497393156
 Brain_Nucleus_accumbens_basal_ganglia 0.497393156
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.678597139
 -0.678597139 -0.678597139 NA 1 0 0.998207054
 DUSP22 ENSG00000112679.14 0.497412503 1 1 0.497412503
 Brain_Putamen_basal_ganglia 0.497412503 Brain_Putamen_basal_ganglia 1 1
 1 0.678566613 0.678566613 0.678566613 NA 1 0
 0.998207054
 ZNF578 ENSG00000258405.9 0.497427253 1 1 0.497427253
 Brain_Hypothalamus 0.497427253 Brain_Hypothalamus 1 1 1
 0.678543341 0.678543341 0.678543341 NA 1 0 0.998207054
 IER2 ENSG00000160888.6 0.497458373 2 2 0.24426173
 Brain_Frontal_Cortex_BA9 0.834293393 Brain_Hypothalamus 1.00649593
 0.99350407 0.99350407 0.20919836 1.164400537 0.686799449 0.675429937
 2 0 0.998207054
 PART1 ENSG00000152931.7 0.497686981 5 4 0.106221591
 Brain_Anterior_cingulate_cortex_BA24 0.441604249 Brain_Caudate_basal_ganglia
 2.911447828 0.046331028 0.415500458 -1.615411594 -0.769487016
 -1.099001599 0.329893433 4 0 0.998207054
 CYTH1 ENSG00000108669.16 0.497714756 2 2 0.274743629
 Brain_Nucleus_accumbens_basal_ganglia 0.489921699 Brain_Cerebellar_Hemisphere
 1.231257453 0.768742547 0.768742547 -1.09220358 -0.690433368
 -0.891318474 0.284094441 2 0 0.998207054
 RP11-1055B8.4 ENSG00000262877.4 0.497747801 13 7 0.091581622
 Brain_Cerebellum 0.988933976 Brain_Putamen_basal_ganglia 8.045859233
 0.014602774 0.360441579 -0.024966911 1.687113018 0.879233162
 0.568792922 7 0 0.998207054
 TVP23B ENSG00000171928.13 0.497777092 13 4 0.201058047
 Brain_Nucleus_accumbens_basal_ganglia 0.98102508 Brain_Amygdala 10.74447588
 0.0007883 0.395874402 -0.495527211 1.278542962 0.094178675
 0.424178529 4 0 0.998207054
 AC005013.5 ENSG00000228421.2 0.497870097 10 3 0.239091221
 Brain_Nucleus_accumbens_basal_ganglia 0.848830706 Brain_Hypothalamus
 8.43047376 0.005450738 0.399148717 -1.177261319 0.452215381
 -0.284332466 0.517275702 3 0 0.998207054
 LRRC40 ENSG00000066557.5 0.497949448 3 3 0.220903634
 Brain_Spinal_cord_cervical_c-1 0.690737097 Brain_Hippocampus
 1.126664489 0.898911078 0.898911078 -0.71655818 1.224128823
 0.301808537 0.973902048 3 0 0.998207054
 ATP11A ENSG00000068650.18 0.49796111 1 1 0.49796111
 Brain_Spinal_cord_cervical_c-1 0.49796111 Brain_Spinal_cord_cervical_c-1 1 1
 1 1 0.677701288 0.677701288 0.677701288 NA 1 0
 0.998207054
 NMT2 ENSG00000152465.17 0.498028208 6 6 0.15827535
 Brain_Frontal_Cortex_BA9 0.95818295 Brain_Caudate_basal_ganglia 2.425695301
 0.106706363 0.106706363 -0.743777829 1.410895767 0.441050619
 0.76010661 6 0 0.998207054
 ANKRD66 ENSG00000230062.5 0.498116439 2 2 0.238008268
 Brain_Amygdala 0.789765611 Brain_Anterior_cingulate_cortex_BA24 1.25756444
 0.74243556 0.74243556 -0.266614993 1.179979754 0.45668238 1.022896955

AGT	2	0	0.998207054							
	ENSG00000135744.7	0.498335206	9	8	0.02721936					
	Brain_Putamen_basal_ganglia	0.899575861			Brain_Frontal_Cortex_BA9					
	3.409862819	0.023350083	0.246510379		-2.208357531	0.888020428				
	-0.365293736	1.125759896	8	0	0.998207054					
CCDC134	ENSG00000100147.13	0.498394622	1	1	0.498394622					
	Brain_Cerebellum	0.498394622			Brain_Cerebellum	1	1	0.677017861		
	0.677017861	0.677017861	NA	1	0	0.998207054				
SMARCA5	ENSG00000153147.5	0.498520309	1	1	0.498520309					
	Brain_Frontal_Cortex_BA9	0.498520309			Brain_Frontal_Cortex_BA9	1	1			
	1	0.676819776	0.676819776	0.676819776	NA	1	0			
	0.998207054									
LIPA	ENSG00000107798.17	0.498592079	3	3	0.126372842			Brain_Cortex		
	0.577965705	Brain_Cerebellar_Hemisphere	1.927639894	0.478205424						
	0.478205424	0.556358643	1.528562887	0.900471237	0.54477367	3				
	0	0.998207054								
PAM	ENSG00000145730.20	0.498655322	5	5	0.101093536					
	Brain_Cerebellar_Hemisphere	0.730790233			Brain_Putamen_basal_ganglia					
	3.180268496	0.219501909	0.219501909	-1.639575138	0.344074536					
	-0.757574639	0.727291445	5	0	0.998207054					
RTCB	ENSG00000100220.11	0.498738379	1	1	0.498738379					
	Brain_Putamen_basal_ganglia	0.498738379			Brain_Putamen_basal_ganglia	1	1			
	1	0.676476157	0.676476157	0.676476157	NA	1	0			
	0.998207054									
ATG12	ENSG00000145782.12	0.498829161	8	4	0.315823684					
	Brain_Hippocampus	0.94444475	Brain_Caudate_basal_ganglia	5.691427759						
	5.05E-17	0.212309231	-0.502757627	1.003077056	0.180616948					
	0.466895761	4	0	0.998207054						
ALKBH2	ENSG00000189046.10	0.498836832	1	1	0.498836832					
	Brain_Cerebellar_Hemisphere	0.498836832			Brain_Cerebellar_Hemisphere	1	1			
	1	-0.676321049	-0.676321049	-0.676321049	NA	1	0			
	0.998207054									
TMEM248	ENSG00000106609.16	0.498848446	2	2	0.271492468					
	Brain_Cerebellum	0.347705699	Brain_Cerebellar_Hemisphere	1.523726006						
	0.476273994	0.476273994	-1.099632059	-0.939048782	-1.019340421					
	0.113549524	2	0	0.998207054						
ATPIF1	ENSG00000130770.17	0.49887251	10	2	0.185420186			Brain_Amygdala		
	0.696648488	Brain_Cerebellum	8.973817748	0.001379505	0.311592433					
	-1.324249529	-0.389848621	-0.850228939	0.273349031	2	0				
	0.998207054									
RP11-49P4.7	ENSG00000282881.1	0.498918938	2	2	0.245624686					
	Brain_Anterior_cingulate_cortex_BA24	0.812668609	Brain_Putamen_basal_ganglia							
	1.026398117	0.973601883	0.973601883	-1.161042329	0.236984765					
	-0.462028782	0.988554439	2	0	0.998207054					
RFC3	ENSG00000133119.12	0.498994614	1	1	0.498994614			Brain_Cerebellum		
	0.498994614	Brain_Cerebellum	1	1	-0.676072502	-0.676072502				
	-0.676072502	NA	1	0	0.998207054					
LINC01739	ENSG00000229537.5	0.499001559	1	1	0.499001559					
	Brain_Amygdala	0.499001559	Brain_Amygdala	1	1	1	-0.676061563			
	-0.676061563	-0.676061563	NA	1	0	0.998207054				
INTS12	ENSG00000138785.14	0.499043343	2	2	0.239266187					
	Brain_Anterior_cingulate_cortex_BA24	0.881335932	Brain_Substantia_nigra							
	1.065629551	0.934370449	0.934370449	-0.149275899	1.176822935					
	0.513773518	0.937693478	2	0	0.998207054					
U2AF2	ENSG00000063244.12	0.499080118	2	2	0.297233363					
	Brain_Frontal_Cortex_BA9	0.594039927	Brain_Substantia_nigra							
	1.017035168	0.982964832	0.982964832	-1.042384687	-0.532990832					
	-0.78768776	0.360195849	2	0	0.998207054					
TAF13	ENSG00000197780.9	0.499119911	1	1	0.499119911					
	Brain_Cerebellar_Hemisphere	0.499119911	Brain_Cerebellar_Hemisphere	1	1					
	1	0.675875159	0.675875159	0.675875159	NA	1	0			
	0.998207054									

KRBA1	ENSG00000133619.17	0.499240563	2	2	0.252282846				
	Brain_Substantia_nigra	0.702944708				Brain_Cerebellar_Hemisphere			
	1.089006868	0.910993132	0.910993132	0.381348449	1.144822131				
	0.76308529	0.539857418	2	0	0.998207054				
TLR2	ENSG00000137462.6	0.499259885	2	2	0.292766638	Brain_Cerebellum			
	0.614169042	Brain_Cerebellar_Hemisphere	1.789313949	0.210686051					
	0.210686051	-1.052071737	-0.504131401	-0.778101569	0.387452327				
	2	0	0.998207054						
RHBDF2	ENSG00000129667.12	0.499289022	1	1	0.499289022				
	Brain_Caudate_basal_ganglia	0.499289022	Brain_Caudate_basal_ganglia	1	1				
	1	-0.675608849	-0.675608849	-0.675608849	NA	1	0		
	0.998207054								
FAM96B	ENSG00000166595.11	0.499312179	1	1	0.499312179				
	Brain_Substantia_nigra	0.499312179	Brain_Substantia_nigra	1	1				
	1	-0.675572386	-0.675572386	-0.675572386	NA	1	0		
	0.998207054								
MCRIP1	ENSG00000225663.7	0.499324657	1	1	0.499324657				
	Brain_Spinal_cord_cervical_c-1	0.499324657	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.675552738	0.675552738	0.675552738	NA	1	0
	0.998207054								
TMTC2	ENSG00000179104.8	0.49950884	3	3	0.158287678	Brain_Cortex			
	0.732721959	Brain_Spinal_cord_cervical_c-1	1.06463516	0.946483411					
	0.946483411	-0.557274375	1.410853965	0.398362187	0.985295224				
	3	0	0.998207054						
CHADL	ENSG00000100399.15	0.499509682	2	2	0.243675585	Brain_Cortex			
	0.309335059	Brain_Nucleus_accumbens_basal_ganglia	1.78062121	0.21937879					
	0.21937879	1.016618271	1.165848794	1.091233533	0.105521914				2
	0	0.998207054							
TOR3A	ENSG00000186283.13	0.499510478	9	8	0.043988649				
	Brain_Cerebellar_Hemisphere	0.742258703	Brain_Nucleus_accumbens_basal_ganglia						
	2.668255493	0.064086874	0.182518321	-1.13984815	2.014198959				
	0.185415385	0.961635966	8	0	0.998207054				
SLC30A2	ENSG00000158014.14	0.499565782	1	1	0.499565782				
	Brain_Frontal_Cortex_BA9	0.499565782	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.67517312	-0.67517312	-0.67517312	NA	1	0		
	0.998207054								
SNX3	ENSG00000112335.14	0.499650074	2	2	0.404023869	Brain_Cortex			
	0.445306322	Brain_Caudate_basal_ganglia	1.078674217	0.921325783					
	0.921325783	0.763263405	0.834456361	0.798859883	0.050341022				
	2	0	0.998207054						
TAX1BP3	ENSG00000213977.7	0.499681187	5	5	0.221529376				
	Brain_Cerebellum	0.939063055	Brain_Cerebellar_Hemisphere	2.97294002					
	0.220584443	0.220584443	-1.222471497	0.076447532	-0.573678835				
	0.494226268	5	0	0.998207054					
BCL9L	ENSG00000186174.12	0.499746084	1	1	0.499746084				
	Brain_Putamen_basal_ganglia	0.499746084	Brain_Putamen_basal_ganglia	1	1				
	1	0.674889324	0.674889324	0.674889324	NA	1	0		
	0.998207054								
RP11-621L6.3	ENSG00000273321.1	0.499789608	1	1	0.499789608				
	Brain_Anterior_cingulate_cortex_BA24	0.499789608							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.674820824				
	0.674820824	0.674820824	NA	1	0	0.998207054			
AGO2	ENSG00000123908.11	0.499805693	1	1	0.499805693				
	Brain_Nucleus_accumbens_basal_ganglia	0.499805693							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.67479551				
	-0.67479551	-0.67479551	NA	1	0	0.998207054			
GGNBP2	ENSG00000278311.4	0.499932051	7	6	0.114192789				
	Brain_Caudate_basal_ganglia	0.955831588	Brain_Cortex	4.031741796					
	0.053147103	0.207663476	-1.57962492	-0.055385198	-0.967949107				
	0.590965566	6	0	0.998207054					
UBR7	ENSG00000012963.14	0.500008769	1	1	0.500008769				
	Brain_Putamen_basal_ganglia	0.500008769	Brain_Putamen_basal_ganglia	1	1				

1	-0.674475953	-0.674475953	-0.674475953	NA	1	0	
0.998207054							
AC007228.9	ENSG00000268568.1	0.500025275	1	1	0.500025275		
	Brain_Nucleus_accumbens_basal_ganglia	0.500025275					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.674449982		
	0.674449982	0.674449982	NA	1	0	0.998207054	
LONP2	ENSG00000102910.13	0.500054294	1	1	0.500054294		
	Brain_Cerebellar_Hemisphere	0.500054294			Brain_Cerebellar_Hemisphere	1	1
	1	0.674404325	0.674404325	0.674404325	NA	1	0
0.998207054							
PARVA	ENSG00000197702.11	0.500098555	5	4	0.133755984		Brain_Cerebellum
	0.598463778	Brain_Amygdala	3.435820097		0.101103211		0.167270373
	0.526610962	1.499453652	0.984349535		0.454514849		4
	0.998207054						0
PPP1R11	ENSG00000204619.7	0.50011505	2	2	0.571470801		
	Brain_Cerebellar_Hemisphere	0.963668854			Brain_Cerebellum	1.894828383	
	0.105171617	0.105171617	0.045550085		0.565886703		0.305718394
	0.367933551	2	0	0.998207054			
PIP4K2A	ENSG00000150867.13	0.500216609	9	5	0.109283828		
	Brain_Caudate_basal_ganglia	0.984413608			Brain_Cortex	5.681034458	
	0.023514122	0.266724134	-0.298443933		1.601420443		0.528728562
	0.671510651	5	0	0.998207054			
INSL3	ENSG00000248099.3	0.500281821	1	1	0.500281821		
	Brain_Cerebellar_Hemisphere	0.500281821			Brain_Cerebellar_Hemisphere	1	1
	1	0.67404639	0.67404639	0.67404639	NA	1	0
	0.998207054						
CLUAP1	ENSG00000103351.12	0.500325277	13	9	0.104858132		
	Brain_Anterior_cingulate_cortex_BA24	0.957466645			Brain_Cortex		
	5.727653718	0.001041874	0.209074553		-0.732943009		1.621744194
	0.254041949	0.607654587	9	0	0.998207054		
SLC35E1	ENSG00000127526.14	0.500368055	3	3	0.147302525		
	Brain_Cerebellar_Hemisphere	0.619499823			Brain_Substantia_nigra	1.84099849	
	0.158796403	0.158796403	0.496559352		1.449125546		1.016847785
	0.482343236	3	0	0.998207054			
ZNF823	ENSG00000197933.12	0.500372385	1	1	0.500372385		
	Brain_Cortex	0.500372385	Brain_Cortex	1	1	1	-0.673903943
	-0.673903943	-0.673903943	NA	1	0	0.998207054	
UCK1	ENSG00000130717.12	0.500420173	9	5	0.034238818		
	Brain_Hippocampus	0.832564156			Brain_Cortex	5.327616058	
	0.016365027	0.277997699	0.211414099		2.117247859		1.006573105
	0.577800988	5	0	0.998207054			
CNDP2	ENSG00000133313.14	0.500482609	11	1	0.249055226		
	Brain_Hippocampus	0.987780996			Brain_Cerebellar_Hemisphere	9.946766828	
	0.002237055	9.946766828	-0.015314849		1.152647189		0.646036951
	0.33382473	1	0	0.998207054			
CDKAL1	ENSG00000145996.11	0.500787677	1	1	0.500787677		
	Brain_Cerebellum	0.500787677	Brain_Cerebellum	1	1	1	-0.673250912
	-0.673250912	-0.673250912	NA	1	0	0.998207054	
NPTN	ENSG00000156642.16	0.500866073	3	3	0.247404484		
	Brain_Hypothalamus	0.928924561			Brain_Caudate_basal_ganglia	1.280747276	
	0.719988202	0.719988202	-1.156676671		-0.089197992		-0.726732015
	0.563203064	3	0	0.998207054			
CHCHD6	ENSG00000159685.10	0.500902976	2	2	0.516394871		
	Brain_Cortex	0.744629715			Brain_Hippocampus	1.648437439	
	0.351562561	0.351562561	-0.325728585		0.648912599		0.161592007
	0.68917539	2	0	0.998207054			
FOXL1	ENSG00000176678.5	0.500929458	1	1	0.500929458		Brain_Cortex
	0.500929458	Brain_Cortex	1	1	1	0.673028031	0.673028031
	0.673028031	NA	1	0	0.998207054		
SMOC1	ENSG00000198732.10	0.500965984	4	4	0.161334037		
	Brain_Nucleus_accumbens_basal_ganglia	0.427248888			Brain_Caudate_basal_ganglia		
	2.265689614	0.168423152	0.168423152		-1.400598943		-0.793908179
	-1.083896192	0.311208434	4	0	0.998207054		

OPRK1 ENSG00000082556.10 0.501157908 4 4 0.259924959
Brain_Cerebellar_Hemisphere 0.681452883 Brain_Cerebellum 1.594782485
0.536626647 0.536626647 -1.12656851 -0.410481349 -0.830563035
0.320766912 4 0 0.998207054

PMS2 ENSG00000122512.14 0.501278962 13 8 0.067677625
Brain_Hypothalamus 0.867445641 Brain_Caudate_basal_ganglia 7.522704039
0.013947257 0.294242876 -0.955885326 1.827147303 0.357460977
0.813756037 8 0 0.998207054

EXD3 ENSG00000187609.15 0.501316298 3 3 0.179929257 Brain_Cortex
0.845802287 Brain_Amygdala 1.264911072 0.720037125 0.720037125
-1.340972883 0.37656489 -0.386295047 0.874688276 3 0
0.998207054

IFI27L2 ENSG00000119632.3 0.501326689 9 8 0.077019444
Brain_Hypothalamus 0.876984843 Brain_Cerebellum 3.714708542
0.084854207 0.236900481 -0.154792577 1.768248054 0.836079599
0.570056794 8 0 0.998207054

KMO ENSG00000117009.11 0.501326908 2 2 0.332747976 Brain_Cortex
0.58650914 Brain_Frontal_Cortex_BA9 1.120482089 0.879517911
0.879517911 -0.54390167 0.968593643 0.212345987 1.069495692
2 0 0.998207054

BAIAP2L1 ENSG00000006453.13 0.50148825 1 1 0.50148825
Brain_Caudate_basal_ganglia 0.50148825 Brain_Caudate_basal_ganglia 1 1 1
-0.672149935 -0.672149935 -0.672149935 NA 1 0 0.998207054

FIBP ENSG00000172500.12 0.501644977 8 5 0.300171011 Brain_Cerebellum
0.918106903 Brain_Caudate_basal_ganglia 6.247320597 0.004270983
0.218496346 -0.10281865 1.036066733 0.739752752 0.387492985
5 0 0.998207054

CRIP2 ENSG00000182809.10 0.50165046 2 2 0.245221674 Brain_Cortex
0.835284573 Brain_Caudate_basal_ganglia 1.031502074 0.968497926
0.968497926 0.207928785 1.162033952 0.684981368 0.674654233
2 0 0.998207054

ASCC3 ENSG00000112249.13 0.50182757 4 4 0.229822713
Brain_Frontal_Cortex_BA9 0.930620012 Brain_Cortex 2.434028973
0.246392688 0.246392688 -1.200815666 0.213173575 -0.195853876
0.672129312 4 0 0.998207054

CLIC4 ENSG00000169504.14 0.50183933 1 1 0.50183933
Brain_Nucleus_accumbens_basal_ganglia 0.50183933
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.671598505
0.671598505 0.671598505 NA 1 0 0.998207054

INHBE ENSG00000139269.2 0.501899445 1 1 0.501899445
Brain_Spinal_cord_cervical_c-1 0.501899445 Brain_Spinal_cord_cervical_c-1
1 1 1 -0.671504105 -0.671504105 -0.671504105 NA 1 0
0.998207054

DDX31 ENSG00000125485.17 0.502088099 8 2 0.051690619
Brain_Frontal_Cortex_BA9 0.643036596 Brain_Putamen_basal_ganglia
6.770160839 0.018033292 0.603435591 -1.945701397 0.650901781
-0.848523644 0.761196869 2 0 0.998207054

ZNF517 ENSG00000197363.9 0.502133695 11 6 0.13618844
Brain_Hippocampus 0.985349403 Brain_Frontal_Cortex_BA9 5.463714364
0.001563293 0.443447867 -1.490136153 1.190088117 -0.071799225
0.680256487 6 0 0.998207054

GRIA1 ENSG00000155511.17 0.50216758 3 2 0.197828743
Brain_Cerebellar_Hemisphere 0.611834312 Brain_Nucleus_accumbens_basal_ganglia
1.995254053 0.010046808 0.994699139 -1.287762233 0.507456841
-0.551372257 0.940041553 2 0 0.998207054

DHX33 ENSG00000005100.12 0.502354872 1 1 0.502354872
Brain_Hypothalamus 0.502354872 Brain_Hypothalamus 1 1 1
-0.670789132 -0.670789132 -0.670789132 NA 1 0 0.998207054

VPS16 ENSG00000215305.9 0.502456531 4 3 0.195520851 Brain_Cortex
0.623255706 Brain_Caudate_basal_ganglia 3.453346627 0.02818886
0.116567692 0.491241421 1.294418653 0.929872049 0.348239302
3 0 0.998207054

TFAP2A	ENSG00000137203.10	0.50269126	4	4	0.09671048	Brain_Hippocampus		
	0.846783995	Brain_Frontal_Cortex_BA9	1.102917947		0.92455271	0.92455271		
	-0.729138331	1.661014773	0.202146118		1.04318069	4	0	
	0.998207054							
ATXN7	ENSG00000163635.17	0.50269515	1	1	0.50269515	Brain_Hippocampus		
	0.50269515	Brain_Hippocampus	1	1	1	0.670255154	0.670255154	
	0.670255154	NA	1	0	0.998207054			
RP11-158H5.8	ENSG00000274184.1	0.502715582		8	4	0.35192503		
	Brain_Caudate_basal_ganglia	0.983237982				Brain_Spinal_cord_cervical_c-1		
	5.639800043	0.025283953				-0.930861853	0.02100962	
	-0.598332444	0.372511033	4	0	0.998207054			
BLMH	ENSG00000108578.14	0.502988524	4	4	0.308544767	Brain_Amygdala		
	0.51232504	Brain_Putamen_basal_ganglia	2.303878766		0.34487492	0.34487492		
	-0.767344935	1.0182803	0.419738489		0.805713336	4	0	
	0.998207054							
CAND2	ENSG00000144712.11	0.502992759	4	4	0.360956502			
	Brain_Cerebellar_Hemisphere	0.813794026				Brain_Hypothalamus	2.597084705	
	0.292383211	0.292383211	-0.652480161		0.913544002		0.0649978	
	0.672025158	4	0	0.998207054				
SERINC2	ENSG00000168528.11	0.503057132	2	2	0.534153234			
	Brain_Cortex	0.660253735				Brain_Substantia_nigra	1.58705311	0.41294689
	0.41294689	-0.621678588	-0.439562873		-0.530620731	0.128775257	2	
	0	0.998207054						
RPS10	ENSG00000124614.13	0.503062535	2	2	0.253502767	Brain_Cerebellum		
	0.624876692	Brain_Anterior_cingulate_cortex_BA24	1.200920594					
	0.799079406	0.799079406	0.488950571		1.141882732	0.815416651		
	0.461692759	2	0	0.998207054				
AGAP3	ENSG00000133612.18	0.503176481	1	1	0.503176481			
	Brain_Cerebellar_Hemisphere	0.503176481				Brain_Cerebellar_Hemisphere	1	1
	1	-0.669500156	-0.669500156		-0.669500156	NA	1	0
	0.998207054							
ZNF395	ENSG00000186918.13	0.503278649	1	1	0.503278649			
	Brain_Hippocampus	0.503278649				Brain_Hippocampus	1	1
	0.669339948	0.669339948	0.669339948		NA	1	0	0.998207054
DAAM1	ENSG00000100592.15	0.50348118	2	2	0.705871941			
	Brain_Cerebellar_Hemisphere	0.802502598				Brain_Cerebellum	1.856081652	
	0.143918348	0.143918348	-0.250109592		0.377405957	0.063648182		
	0.4437205	2	0	0.998207054				
CDK20	ENSG00000156345.17	0.503682205	2	2	0.356920231			
	Brain_Nucleus_accumbens_basal_ganglia	0.460884214				Brain_Amygdala		
	1.015574431	0.984425569	0.984425569		-0.921249402	-0.737391646		
	-0.829320524	0.130007066	2	0	0.998207054			
SHBG	ENSG00000129214.14	0.503884662	3	3	0.235470043			
	Brain_Cerebellar_Hemisphere	0.742482997				Brain_Cortex	1.405819494	
	0.63611299	0.63611299	-1.186385632		-0.328566997	-0.832692709		
	0.448258542	3	0	0.998207054				
KRBA2	ENSG00000184619.3	0.50390499	8	3	0.382185608			
	Brain_Cerebellar_Hemisphere	0.991299392				Brain_Nucleus_accumbens_basal_ganglia		
	7.061220822	0.001617026	0.313435975		-0.873876326	0.63996017		
	-0.362014185	0.477335117	3	0	0.998207054			
CDH7	ENSG00000081138.13	0.504091899	3	3	0.163960407			
	Brain_Putamen_basal_ganglia	0.889872959				Brain_Cerebellum	1.573650767	
	0.413375662	0.413375662	-1.391874492		0.138464963	-0.506537648		
	0.792972332	3	0	0.998207054				
CREG2	ENSG00000175874.9	0.504149454	3	3	0.229596295			
	Brain_Nucleus_accumbens_basal_ganglia	0.37748273				Brain_Frontal_Cortex_BA9		
	1.431806983	0.435631417	0.435631417		-1.201399435	0.882543939		
	-0.416411534	1.133060896	3	0	0.998207054			
IGSF21	ENSG00000117154.11	0.504174036	3	2	0.370848808			
	Brain_Cerebellum	0.824897202				Brain_Frontal_Cortex_BA9	2.707780723	
	0.036633721	0.255585556	-0.894884548		-0.221250741	-0.480840593		
	0.362405407	2	0	0.998207054				

RP11-753A21.1	ENSG00000259478.2	0.504174363	1	1	0.504174363			
	Brain_Hippocampus	0.504174363			Brain_Hippocampus	1	1	1
	-0.66793613	-0.66793613	-0.66793613	NA	1	0	0.998207054	
FBXL18	ENSG00000155034.18	0.504201063	6	3	0.143728343			
	Brain_Cerebellar_Hemisphere	0.967857908			Brain_Hippocampus			4.66349773
	0.047085886	0.296138244	-0.040295041	1.462046957				0.956943602
	0.522328033	3	0	0.998207054				
CITED4	ENSG00000179862.6	0.504545564	3	3	0.176534235			
	Brain_Caudate_basal_ganglia	0.610502297			Brain_Cerebellum	1.136540271		
	0.841534487	0.841534487	-1.35150339	0.509356592				-0.466606235
	0.933766398	3	0	0.998207054				
LINC01271	ENSG00000233077.1	0.50459441	1	1	0.50459441			
	Brain_Anterior_cingulate_cortex_BA24	0.50459441						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.667278261			
	0.667278261	0.667278261	NA	1	0	0.998207054		
RP1-197B17.4	ENSG00000274902.1	0.504596872	2	2	0.298114291			
	Brain_Substantia_nigra	0.514810265			Brain_Hypothalamus	1.116067446		
	0.883932554	0.883932554	-1.040485728	-0.651365981				-0.845925855
	0.275149212	2	0	0.998207054				
S1PR2	ENSG00000267534.2	0.504883702	1	1	0.504883702			
	Brain_Hypothalamus	0.504883702			Brain_Hypothalamus	1	1	1
	-0.666825344	-0.666825344	-0.666825344	NA	1	0	0.998207054	
RP11-351I21.11	ENSG00000270074.1	0.504957746	11	10	0.035833165			
	Brain_Spinal_cord_cervical_c-1	0.854210855			Brain_Putamen_basal_ganglia			
	2.959565549	0.074855387	0.197129229	-1.28200523				2.098815535
	-0.13480046	0.997673903	10	0	0.998207054			
RIOX1	ENSG00000170468.7	0.504971506	1	1	0.504971506			
	Brain_Anterior_cingulate_cortex_BA24	0.504971506						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.666687906			
	-0.666687906	-0.666687906	NA	1	0	0.998207054		
GLRA1	ENSG00000145888.10	0.504978552	2	2	0.48141295			
	Brain_Cerebellar_Hemisphere	0.684473115			Brain_Cerebellum	1.539138126		
	0.460861874	0.460861874	-0.406366793	0.704031833				0.14883252
	0.785170399	2	0	0.998207054				
INPP4A	ENSG00000040933.15	0.505080088	1	1	0.505080088			
	Brain_Cerebellar_Hemisphere	0.505080088			Brain_Cerebellar_Hemisphere	1	1	
	1	-0.66651796	-0.66651796	-0.66651796	NA	1	0	
	0.998207054							
TTK	ENSG00000112742.9	0.505149232	2	2	0.242692004			Brain_Cerebellum
	0.953269096	Brain_Cortex	1.02429113	0.97570887	0.97570887	-1.168284553		
	0.058602027	-0.554841263	0.867539821	2	0	0.998207054		
MORC2	ENSG00000133422.12	0.505340935	2	2	0.346107322			
	Brain_Hypothalamus	0.872656447			Brain_Anterior_cingulate_cortex_BA24			
	1.475138819	0.524861181	0.524861181	-0.160285161				0.942166658
	0.390940748	0.779551157	2	0	0.998207054			
DFNB59	ENSG00000204311.12	0.505384501	1	1	0.505384501			
	Brain_Substantia_nigra	0.505384501			Brain_Substantia_nigra	1	1	
	1	-0.666041615	-0.666041615	-0.666041615	NA	1	0	
	0.998207054							
ZNF500	ENSG00000103199.13	0.505469953	13	5	0.152846			
	Brain_Anterior_cingulate_cortex_BA24	0.98847831			Brain_Hippocampus			
	9.740333472	0.002777579	0.329139694	-0.317907851				1.429550748
	0.588016801	0.491129494	5	0	0.998207054			
VWDE	ENSG00000146530.11	0.505534633	9	3	0.383514067			
	Brain_Anterior_cingulate_cortex_BA24	0.968564061						
	Brain_Nucleus_accumbens_basal_ganglia	7.525805443			0.014054676			
	0.281571308	-0.154852439	0.871439792	0.3077778	0.353534197			3
	0	0.998207054						
SERINC3	ENSG00000132824.13	0.505559734	1	1	0.505559734			
	Brain_Hypothalamus	0.505559734			Brain_Hypothalamus	1	1	1
	0.66576748	0.66576748	0.66576748	NA	1	0	0.998207054	
UTP15	ENSG00000164338.9	0.505571443	8	4	0.221946273			

	Brain_Hypothalamus	0.685515334		Brain_Cerebellar_Hemisphere	6.354007109				
	0.000336742	0.300062486		0.404948545	1.221369173				0.711408099
	0.310003287	4	0	0.998207054					
SUCO	ENSG00000094975.13	0.505779682	6	4	0.199184427				
	Brain_Cerebellar_Hemisphere	0.890646462		Brain_Frontal_Cortex_BA9					
	4.249531485	0.076689413		0.191687438	-0.93209702				1.283878625
	0.047284743	0.761648622	4	0	0.998207054				
TYSND1	ENSG00000156521.13	0.505805497	10	7	0.090989677				
	Brain_Cerebellum	0.923353906		Brain_Frontal_Cortex_BA9	6.408289811				
	0.056967585	0.215580339		-0.88476032	1.690200113				0.648081435
	0.74897766	7	0	0.998207054					
CD2AP	ENSG00000198087.7	0.505845111	3	3	0.150152942				
	Brain_Spinal_cord_cervical_c-1	0.999855272		Brain_Cerebellar_Hemisphere					
	1.266601623	0.693187365		0.693187365	-1.43899146				0.345156769
	-0.364551101	0.946344846	3	0	0.998207054				
SERINC1	ENSG00000111897.6	0.505963309	3	3	0.149222594				
	Brain_Hippocampus	0.986690169		Brain_Amygdala	1.244960613				
	0.716550617	0.716550617		-0.655316603	1.442282858				0.267882809
	1.071124266	3	0	0.998207054					
AMBP	ENSG00000106927.11	0.506095584	3	3	0.150793761				Brain_Cerebellum
	0.754387653	Brain_Amygdala	1.937546412		0.076631836				0.076631836
	-1.436733398	-0.312859177		-0.990255313	0.596460959				3
	0.998207054								0
RP11-54A9.1	ENSG00000257219.5	0.506214986	1	1	0.506214986				
	Brain_Putamen_basal_ganglia	0.506214986		Brain_Putamen_basal_ganglia	1				1
	1	0.664742843		0.664742843	NA				1
	0.998207054								0
TRAPPC10	ENSG00000160218.12	0.506326339	4	4	0.178877257				
	Brain_Cerebellum	0.93138824		Brain_Cerebellar_Hemisphere	2.755050197				
	0.152237493	0.152237493		-1.344219997	1.304527165				0.188443508
	1.136435634	4	0	0.998207054					
CTC-526N19.1	ENSG00000277013.1	0.506391397	1	1	0.506391397				
	Brain_Caudate_basal_ganglia	0.506391397		Brain_Caudate_basal_ganglia	1				1
	1	0.664467104		0.664467104	NA				1
	0.998207054								0
MORN4	ENSG00000171160.17	0.506393304	13	3	0.320460608				
	Brain_Substantia_nigra	0.993410588		Brain_Caudate_basal_ganglia					
	11.10830446	6.90E-05		0.417572058	-0.314058825				0.99351179
	0.047236686	0.40128777	3	0	0.998207054				
SUZ12	ENSG00000178691.10	0.50650536	2	2	0.30614326				Brain_Caudate_basal_ganglia
	0.527912402	Brain_Amygdala	1.071313696		0.928686304				0.928686304
	0.631195962	1.02334816		0.827272061	0.277293478				2
	0.998207054								0
GAK	ENSG00000178950.16	0.506649351	7	7	0.069132778				
	Brain_Hippocampus	0.874320337		Brain_Cerebellar_Hemisphere	2.515912965				
	0.219223763	0.219223763		-1.817551059	1.198022934				-0.573865213
	1.101194253	7	0	0.998207054					
WNT7A	ENSG00000154764.5	0.506656206	3	3	0.18756806				
	Brain_Spinal_cord_cervical_c-1	0.726766317		Brain_Substantia_nigra					
	1.246901176	0.754717176		0.754717176	-0.625901685				1.317807609
	0.347112062	0.97185672	3	0	0.998207054				
ZNF704	ENSG00000164684.13	0.506732264	1	1	0.506732264				
	Brain_Caudate_basal_ganglia	0.506732264		Brain_Caudate_basal_ganglia	1				1
	1	0.663934453		0.663934453	NA				1
	0.998207054								0
NBAS	ENSG00000151779.12	0.506767062	6	2	0.487523926				
	Brain_Nucleus_accumbens_basal_ganglia	0.922536782		Brain_Cortex					
	5.339649514	0.001768864		0.366809312	-0.694252417				0.643806501
	0.028860278	0.451002952	2	0	0.998207054				
LINC01971	ENSG00000278200.1	0.506874714	1	1	0.506874714				
	Brain_Cerebellar_Hemisphere	0.506874714		Brain_Cerebellar_Hemisphere	1				1
	1	0.663711912		0.663711912	NA				1
									0

0.998207054
RP11-724N1.1 ENSG00000272912.1 0.507097316 4 4 0.108207273
Brain_Hypothalamus 0.481690982 Brain_Cortex 2.630349173
0.113658989 0.113658989 -1.606303356 -0.703585439 -1.24485212
0.388404299 4 0 0.998207054
FANCF ENSG00000183161.4 0.50718562 2 2 0.282297919
Brain_Nucleus_accumbens_basal_ganglia 0.381370678
Brain_Anterior_cingulate_cortex_BA24 1.43875573 0.56124427 0.56124427
0.875373566 1.075171574 0.97527257 0.141278526 2 0
0.998207054
GLRX2 ENSG0000023572.8 0.507245112 5 5 0.068094781
Brain_Caudate_basal_ganglia 0.791022526 Brain_Cerebellum 1.456906781
0.602854054 0.602854054 -1.824379092 0.879776004 -0.379237409
1.053785968 5 0 0.998207054
THNSL1 ENSG00000185875.12 0.507319622 2 2 0.325200262
Brain_Frontal_Cortex_BA9 0.497958788 Brain_Putamen_basal_ganglia
1.055622313 0.944377687 0.944377687 -0.98382765 -0.67770495
-0.8307663 0.216461438 2 0 0.998207054
ATP8B1 ENSG00000081923.11 0.507338151 1 1 0.507338151
Brain_Hypothalamus 0.507338151 Brain_Hypothalamus 1 1 1
-0.662988138 -0.662988138 -0.662988138 NA 1 0 0.998207054
TRAPPC13 ENSG00000113597.17 0.507423622 4 4 0.087798577
Brain_Anterior_cingulate_cortex_BA24 0.792376482 Brain_Cerebellar_Hemisphere
1.960807643 0.330925571 0.330925571 -0.263225884 1.707126316
0.97184403 0.89070135 4 0 0.998207054
SRPK1 ENSG00000096063.15 0.507518845 11 3 0.107781139 Brain_Cortex
0.688063455 Brain_Hypothalamus 9.106423213 0.004002833 0.36560499
0.401484489 1.608246791 1.25821267 0.32546961 3 0 0.998207054
SMC5 ENSG00000198887.8 0.507615596 2 2 0.395243659 Brain_Cerebellum
0.576178062 Brain_Cerebellar_Hemisphere 1.24907742 0.75092258 0.75092258
-0.850146469 0.558976056 -0.145585207 0.996400093 2 0
0.998207054
RP3-522J7.6 ENSG00000260613.1 0.507634371 3 2 0.250240051
Brain_Cerebellar_Hemisphere 0.384238268 Brain_Hypothalamus 2.889863585
0.006237484 0.103898931 -1.149766513 -0.870113707 -1.014006692
0.140003694 2 0 0.998207054
AF064858.8 ENSG00000235888.1 0.507673181 1 1 0.507673181
Brain_Anterior_cingulate_cortex_BA24 0.507673181
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -0.662465121
-0.662465121 -0.662465121 NA 1 0 0.998207054
NIT1 ENSG00000158793.13 0.507761101 2 2 0.310688762 Brain_Cortex
0.533983137 Brain_Nucleus_accumbens_basal_ganglia 1.049468246
0.950531754 0.950531754 -1.01377786 -0.62193724 -0.81785755
0.27707316 2 0 0.998207054
MYBPHL ENSG00000221986.6 0.508043839 1 1 0.508043839
Brain_Spinal_cord_cervical_c-1 0.508043839 Brain_Spinal_cord_cervical_c-1
1 1 1 0.661886696 0.661886696 0.661886696 NA 1 0
0.998207054
LINC01231 ENSG00000236511.1 0.508057815 2 2 0.363136636
Brain_Hypothalamus 0.458368839 Brain_Cerebellar_Hemisphere 1.017026617
0.982973383 0.982973383 -0.909404521 -0.741535461 -0.825469991
0.118701351 2 0 0.998207054
GRP ENSG00000134443.9 0.508174311 1 1 0.508174311
Brain_Caudate_basal_ganglia 0.508174311 Brain_Caudate_basal_ganglia 1 1
1 0.661683142 0.661683142 0.661683142 NA 1 0
0.998207054
EFCAB1 ENSG00000034239.10 0.508175729 13 7 0.20177548 Brain_Amygdala
0.978266464 Brain_Cortex 8.1114182 0.00171457 0.303407825
-1.276509473 1.041638692 0.22547073 0.602471246 7 0
0.998207054
XPC ENSG00000154767.14 0.508292793 4 4 0.267335976
Brain_Cerebellar_Hemisphere 0.441049272 Brain_Hypothalamus 2.66043328

	0.092150951	0.092150951	0.770422566	1.109218402	0.899950519
	0.153066928	4 0	0.998207054		
RAB11A	ENSG00000103769.9	0.508351298	1 1	0.508351298	
	Brain_Substantia_nigra	0.508351298	Brain_Substantia_nigra	1 1	
	1 0.661407062	0.661407062	0.661407062	NA 1 0	
	0.998207054				
EIF3D	ENSG00000100353.17	0.508376271	1 1	0.508376271	Brain_Cortex
	0.508376271	Brain_Cortex	1 1 1	-0.661368111	-0.661368111
	-0.661368111	NA 1 0	0.998207054		
DGCR2	ENSG00000070413.19	0.508398379	11 3	0.146897993	Brain_Cerebellum
	0.531491821	Brain_Spinal_cord_cervical_c-1	9.303609096	0.009566784	
	0.406245272	0.625730353	1.45057589	1.102772662	0.268205624 3
	0 0.998207054				
HSF2	ENSG00000025156.12	0.508514012	3 3	0.37719564	
	Brain_Putamen_basal_ganglia	0.838596725	Brain_Cerebellum	1.956949305	
	0.109673249	0.109673249	-0.883075204	0.75200497	0.024206176
	0.832185252	3 0	0.998207054		
EPG5	ENSG00000152223.12	0.508622698	11 3	0.094512443	
	Brain_Nucleus_accumbens_basal_ganglia	0.550807832			
	Brain_Anterior_cingulate_cortex_BA24	9.248929439	0.001951513		
	0.397504513	-1.672060244	-0.596550045	-1.135298644	0.404975711
	3 0 0.998207054				
HS2ST1	ENSG00000153936.16	0.508646239	4 4	0.338034564	
	Brain_Frontal_Cortex_BA9	0.81910064	Brain_Anterior_cingulate_cortex_BA24		
	2.495933196	0.305192718	0.305192718	-0.958055914	0.530939601
	0.027739713	0.669503898	4 0	0.998207054	
NOTCH2NL	ENSG00000264343.5	0.508743955	1 1	0.508743955	
	Brain_Nucleus_accumbens_basal_ganglia	0.508743955			
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1	0.660794743		
	0.660794743	0.660794743	NA 1 0	0.998207054	
DDHD1	ENSG00000100523.14	0.508857979	6 4	0.124687647	
	Brain_Spinal_cord_cervical_c-1	0.837039617	Brain_Hippocampus		
	5.027841749	0.037734134	0.188251544	-1.535391678	-0.205681619
	-0.911065756	0.42244288	4 0	0.998207054	
AC004012.1	ENSG00000233942.1	0.508988962	2 2	0.290380204	
	Brain_Caudate_basal_ganglia	0.334571297	Brain_Putamen_basal_ganglia		
	1.523973143	0.476026857	0.476026857	-1.057287922	-0.964947123
	-1.011117522	0.065294805	2 0	0.998207054	
BRMS1	ENSG00000174744.13	0.50904886	2 2	0.282194814	Brain_Cortex
	0.820978569	Brain_Amygdala	1.191501924	0.808498076	0.808498076
	-1.075401938	0.226286537	-0.424557701	0.920432748	2 0
	0.998207054				
SEMA4A	ENSG00000196189.12	0.509260752	3 3	0.151847761	
	Brain_Cerebellum	0.559172603	Brain_Cortex	1.889650787	0.222971229
	0.222971229	-1.433035259	-0.584070913	-1.136334782	0.478716618
	3 0 0.998207054				
HCFC1R1	ENSG00000103145.10	0.509301764	2 2	0.403156197	
	Brain_Anterior_cingulate_cortex_BA24	0.408676006	Brain_Cerebellum		
	1.023798521	0.976201479	0.976201479	-0.8359977	0.826225817
	-0.004885941	1.175369521	2 0	0.998207054	
VSX2	ENSG00000119614.2	0.509313047	1 1	0.509313047	
	Brain_Nucleus_accumbens_basal_ganglia	0.509313047			
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1	-0.659907724		
	-0.659907724	-0.659907724	NA 1 0	0.998207054	
RSPH10B	ENSG00000155026.16	0.509407706	5 5	0.281177763	
	Brain_Cerebellar_Hemisphere	0.79751497	Brain_Cerebellum	2.441860817	
	0.189917091	0.189917091	-1.077677365	1.017780678	-0.234230331
	0.873564852	5 0	0.998207054		
RP11-1152H14.1	ENSG00000271320.1	0.509452635	3 3	0.192975045	
	Brain_Cerebellum	0.919954909	Brain_Caudate_basal_ganglia	1.335009252	
	0.712398198	0.712398198	-1.301828422	0.725185255	-0.225711229
	1.019292049	3 0	0.998207054		

CSTB ENSG00000160213.6 0.509475046 6 5 0.300543246
Brain_Nucleus_accumbens_basal_ganglia 0.904885864 Brain_Cerebellum
4.179587924 0.100660128 0.20429186 -0.798411786 1.035269122
-0.148465025 0.693474127 5 0 0.998207054
DEGS2 ENSG00000168350.7 0.509486087 6 6 0.206236882 Brain_Cortex
0.906146679 Brain_Cerebellar_Hemisphere 1.687120246 0.387767751
0.387767751 -1.263980903 0.975225505 -0.147210412 0.957793971
6 0 0.998207054
ACOT8 ENSG00000101473.16 0.509632631 1 1 0.509632631 Brain_Amygdala
0.509632631 Brain_Amygdala 1 1 1 -0.659409831 -0.659409831
-0.659409831 NA 1 0 0.998207054
GPRC5B ENSG00000167191.11 0.509669069 3 3 0.219993106
Brain_Caudate_basal_ganglia 0.756613922 Brain_Nucleus_accumbens_basal_ganglia
1.503296431 0.525666196 0.525666196 -1.226546451 0.309930351
-0.518631004 0.775310787 3 0 0.998207054
MAP3K10 ENSG00000130758.7 0.509771163 1 1 0.509771163
Brain_Cerebellar_Hemisphere 0.509771163 Brain_Cerebellar_Hemisphere 1 1
1 0.659194057 0.659194057 0.659194057 NA 1 0
0.998207054
PPP1R14C ENSG00000198729.4 0.509777326 2 2 0.271442487
Brain_Cortex 0.648719959 Brain_Cerebellum 1.077298343 0.922701657
0.922701657 -1.099746733 0.455541165 -0.322102784 1.099754619
2 0 0.998207054
ARPC2 ENSG00000163466.15 0.509826521 2 1 0.492597818
Brain_Cerebellar_Hemisphere 0.530191961 Brain_Cerebellum 1.98691336 0.01308664
1.98691336 0.62771301 0.68618284 0.656947925 0.041344413 1 0
0.998207054
ZNF575 ENSG00000176472.10 0.509864825 5 5 0.256055488
Brain_Amygdala 0.95332453 Brain_Cerebellum 3.229184745 0.152982608
0.152982608 -1.135763665 0.599893144 -0.22687807 0.622660393
5 0 0.998207054
ARHGEF16 ENSG00000130762.14 0.50994338 3 3 0.178249298
Brain_Cerebellar_Hemisphere 0.790241563 Brain_Cerebellum 1.495224507
0.504964067 0.504964067 -1.346165037 0.537781888 -0.358126697
0.945346456 3 0 0.998207054
NID1 ENSG00000116962.14 0.509982274 1 1 0.509982274
Brain_Cerebellar_Hemisphere 0.509982274 Brain_Cerebellar_Hemisphere 1 1
1 0.658865294 0.658865294 0.658865294 NA 1 0
0.998207054
TRAPPC9 ENSG00000167632.14 0.510056252 3 3 0.136086243
Brain_Cortex 0.290819097 Brain_Cerebellum 2.366099759 0.138592211
0.138592211 1.056326448 1.49052502 1.318290457 0.230587576 3
0 0.998207054
AQP1 ENSG00000240583.11 0.510280612 1 1 0.510280612 Brain_Cortex
0.510280612 Brain_Cortex 1 1 1 0.658400815 0.658400815
0.658400815 NA 1 0 0.998207054
YKT6 ENSG00000106636.7 0.510306519 2 2 0.248988212
Brain_Frontal_Cortex_BA9 0.89350622 Brain_Cortex 1.004647164
0.995352836 0.995352836 -0.13386893 1.152810407 0.509470739
0.909819684 2 0 0.998207054
C8orf33 ENSG00000182307.12 0.510454309 3 2 0.364628285
Brain_Hippocampus 0.463342782 Brain_Frontal_Cortex_BA9 1.953240357
0.047635707 0.999123936 -0.733353615 0.906581242 0.336916163
0.92752379 2 0 0.998207054
PRKCSH ENSG00000130175.9 0.510575561 2 2 0.254314069
Brain_Cerebellum 0.898944842 Brain_Nucleus_accumbens_basal_ganglia
1.289498743 0.710501257 0.710501257 -1.13993335 -0.126994386
-0.633463868 0.716256011 2 0 0.998207054
GJA5 ENSG00000265107.2 0.510594193 1 1 0.510594193
Brain_Putamen_basal_ganglia 0.510594193 Brain_Putamen_basal_ganglia 1 1
1 0.657912757 0.657912757 0.657912757 NA 1 0
0.998207054

PRKD2	ENSG00000105287.12	0.510650339	10	4	0.083950134				
	Brain_Putamen_basal_ganglia	0.796970211			Brain_Amygdala	7.03637915			
	0.019229832	0.368655628	0.25727018	1.728212497		1.08710057	0.4591101		
	4	0	0.998207054						
ATP5G3	ENSG00000154518.9	0.510663533	9	5	0.24229447				
	Brain_Nucleus_accumbens_basal_ganglia	0.92698839			Brain_Hypothalamus				
	6.920411492	0.022475458	0.254734359	-0.091634562		1.169270984			
	0.545262901	0.380377266	5	0	0.998207054				
STK38L	ENSG00000211455.7	0.510825489	3	3	0.520875029				
	Brain_Nucleus_accumbens_basal_ganglia	0.883064047			Brain_Cortex				
	2.114903906	0.177268254	0.177268254	-0.318381295		0.641997157			
	0.058843248	0.512237124	3	0	0.998207054				
PAX7	ENSG00000009709.11	0.510853224	2	2	0.401419593				
	Brain_Anterior_cingulate_cortex_BA24	0.978081561			Brain_Frontal_Cortex_BA9				
	1.706810367	0.293189633	0.293189633	0.027474145		0.8390886			
	0.433281372	0.573898085	2	0	0.998207054				
OR2L2	ENSG00000203663.3	0.51096665	10	7	0.047085089				
	Brain_Hippocampus	5.497860483			Brain_Cerebellum				
	0.97504598	0.733479211	0.154671107	0.06374501	0.307071276				
	-1.98553402			0.795869822	7	0			
	0.998207054								
TMEM168	ENSG00000146802.12	0.510977973	4	3	0.179903163				
	Brain_Putamen_basal_ganglia	0.813648573			Brain_Cerebellum	2.588160531			
	0.02393599	0.394949557	-1.341053253	-0.235721773		-0.639633368			
	0.486631866	3	0	0.998207054					
PEX12	ENSG00000108733.9	0.511015612	4	4	0.178495428				
	Brain_Hypothalamus	0.705148312			Brain_Caudate_basal_ganglia	2.973773824			
	0.14742378	0.14742378	0.378380015	1.345402069		0.837081436			
	0.405675201	4	0	0.998207054					
RP11-314C16.1	ENSG00000230939.1	0.511109857	6	3	0.157693578				
	Brain_Nucleus_accumbens_basal_ganglia	0.713456005			Brain_Caudate_basal_ganglia				
	5.147196433	0.021418955	0.208998417	0.367218548		1.41287127			
	0.806904778	0.386171018	3	0	0.998207054				
RDH10	ENSG00000121039.9	0.511148416	3	3	0.388506252				
	Brain_Cerebellar_Hemisphere	2.542301128			Brain_Cortex				
	0.762254623	-0.862329449	-0.302521399	-0.630510913	0.104774529				
	0.104774529				0.292032371				
	3	0	0.998207054						
RP11-461L13.3	ENSG00000270750.1	0.511171345	1	1	0.511171345				
	Brain_Hippocampus	0.511171345			Brain_Hippocampus	1	1	1	
	-0.657014886	-0.657014886	-0.657014886	NA	1	0	0.998207054		
RP11-92G12.3	ENSG00000260088.1	0.511194859	13	1	0.417156308				
	Brain_Cerebellum	0.634157844			Brain_Hippocampus	12.69417599			
	0.000793637	12.69417599	-0.811364625	-0.475882846		-0.648988041			
	0.084128863	1	0	0.998207054					
DYNLT1	ENSG00000146425.10	0.511590929	2	2	0.304985196				
	Brain_Caudate_basal_ganglia	0.592869941			Brain_Hypothalamus	1.002097486			
	0.997902514	0.997902514	-1.025801422	-0.534681754		-0.780241588			
	0.347274048	2	0	0.998207054					
LINC02054	ENSG00000224153.2	0.511717421	1	1	0.511717421				
	Brain_Cerebellar_Hemisphere	0.511717421			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.656165847	-0.656165847	-0.656165847	NA	1	0		
	0.998207054								
PDLIM5	ENSG00000163110.14	0.511732664	4	2	0.264655678				
	Brain_Nucleus_accumbens_basal_ganglia	0.39458683			Brain_Caudate_basal_ganglia				
	3.196334148	0.0002205	0.74070543	-1.115454566		-0.851328621			
	-0.999980755	0.135954161	2	0	0.998207054				
RP11-643A5.2	ENSG00000259669.5	0.511732946	2	2	0.325864245				
	Brain_Cerebellar_Hemisphere	0.491817443			Brain_Cerebellum	1.929482491			
	0.070517509	-0.070517509	-0.982478347	-0.687421039		-0.834949693			
	0.208637023	2	0	0.998207054					
TJP1	ENSG00000104067.16	0.511736817	2	2	0.26134271				
	Brain_Cerebellar_Hemisphere	1.000522909			Brain_Hypothalamus				
	0.780121122				0.999477091				
	0.999477091	-1.123223204	0.279161195	-0.422031004		0.991635518			

	2	0	0.998207054						
RP11-281A20.2	ENSG00000228512.2	0.511772088	1	1	0.511772088				
	Brain_Cerebellum	0.511772088	Brain_Cerebellum	1	1	1	0.656080876		
	0.656080876	0.656080876	NA	1	0	0.998207054			
ATP8B3	ENSG00000130270.16	0.511799056	4	4	0.193218678				
	Brain_Caudate_basal_ganglia	0.980808405	Brain_Spinal_cord_cervical_c-1						
	1.49255894	0.384888209	0.384888209						
	-0.248211739	0.995218785	4	0	0.998207054				
FLJ37505	ENSG00000256597.2	0.511814914	1	1	0.511814914				
	Brain_Putamen_basal_ganglia	0.511814914	Brain_Putamen_basal_ganglia	1	1	1	0		
	1	0.656014315	0.656014315	0.656014315	NA	1	0		
	0.998207054								
GPR137C	ENSG00000180998.11	0.511957316	3	3	0.156494327				
	Brain_Cerebellar_Hemisphere	0.381340988	Brain_Frontal_Cortex_BA9						
	1.891596683	0.535669877	0.535669877						
	-1.12753607	0.272688246	3	0	0.998207054				
HLF	ENSG00000108924.13	0.51218822	1	1	0.51218822				
	Brain_Spinal_cord_cervical_c-1	0.51218822	Brain_Spinal_cord_cervical_c-1	1	1	1	0		
	1	0.655434228	0.655434228	0.655434228	NA	1	0		
	0.998207054								
RP11-127L20.3	ENSG00000228261.1	0.512191666	8	7	0.1031591				
	Brain_Putamen_basal_ganglia	0.813198976	Brain_Cortex						
	0.038069784	0.165875023	0.236301174						
	0.491895163	7	0	0.998207054					
BCAT1	ENSG00000060982.14	0.512246969	2	2	0.267115948				
	Brain_Frontal_Cortex_BA9	0.730943584	Brain_Cortex						
	0.445518902	0.445518902	0.343870625						
	0.541543443	2	0	0.998207054					
RP11-525A16.4	ENSG00000273143.1	0.512267194	1	1	0.512267194				
	Brain_Cerebellum	0.512267194	Brain_Cerebellum	1	1	1	0.655311538		
	0.655311538	0.655311538	NA	1	0	0.998207054			
RP13-942N8.1	ENSG00000256092.2	0.512513643	10	3	0.118403724				
	Brain_Cerebellar_Hemisphere	0.440984361	Brain_Hippocampus						
	0.000810474	0.314860773	0.770532033						
	0.240311805	3	0	0.998207054					
PHTF2	ENSG00000006576.16	0.512675065	2	2	0.301977063				
	Brain_Cerebellum	1.168354249	0.831645751						
	0.68671662	1.032202929	0.859459775						
	0.998207054								
SNTB1	ENSG00000172164.13	0.512706938	2	2	0.252241158				
	Brain_Putamen_basal_ganglia	0.836356976	Brain_Cerebellum						
	0.958267846	0.958267846	-0.206555552						
	0.955639474	2	0	0.998207054					
MBLAC1	ENSG00000214309.4	0.51288943	8	4	0.243148172				
	Brain_Nucleus_accumbens_basal_ganglia	0.874733241	Brain_Cerebellum						
	5.867525343	0.000157294	0.232380976						
	-0.593104405	0.464269834	4	0	0.998207054				
GPR180	ENSG00000152749.7	0.512969323	7	3	0.165566653				
	Brain_Spinal_cord_cervical_c-1	0.724341239	Brain_Caudate_basal_ganglia						
	5.963591574	0.007469207	0.307007335						
	-0.969217562	0.368736227	3	0	0.998207054				
COQ9	ENSG00000088682.13	0.513036957	9	2	0.28429697				
	Brain_Nucleus_accumbens_basal_ganglia	7.805365186							
	0.002330158	0.823154207	0.773583477						
	0.096350096	2	0	0.998207054					
NKAPL	ENSG00000189134.3	0.513212508	1	1	0.513212508				
	Brain_Spinal_cord_cervical_c-1	0.513212508	Brain_Spinal_cord_cervical_c-1						
	1	1	-0.653843701	-0.653843701	-0.653843701	NA	1	0	
	0.998207054								
PRX	ENSG00000105227.14	0.513268297	1	1	0.513268297				
	Brain_Nucleus_accumbens_basal_ganglia	0.513268297							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.653757119				

	-0.653757119	-0.653757119	NA	1	0	0.998207054			
GABRR2	ENSG00000111886.10	0.513431098		3	3	0.132681147			
	Brain_Cerebellum	0.94069887	Brain_Putamen_basal_ganglia	1.067687718					
	0.919364621	0.919364621	-0.093446057	1.503612591	0.445258343				
	0.916611179	3	0	0.998207054					
IST1	ENSG00000182149.20	0.513698145		5	4	0.145472288			
	Brain_Hippocampus	0.563833329	Brain_Cerebellar_Hemisphere	3.0346093					
	0.056110364	0.48103176	-1.455711865	0.577157107	-0.771750325				
	0.800931347	4	0	0.998207054					
ISY1	ENSG00000240682.9	0.513706425		1	1	0.513706425			
	Brain_Hippocampus	0.513706425	Brain_Hippocampus	1	1	1			
	-0.653077332	-0.653077332	-0.653077332	NA	1	0	0.998207054		
CHMP3	ENSG00000115561.15	0.513915575		8	7	0.073116891			
	Brain_Spinal_cord_cervical_c-1	0.534732189							
	Brain_Nucleus_accumbens_basal_ganglia	4.389686499	0.084389088	0.18697928					
	-1.79210036	-0.620798532	-1.409157318	0.437377112	7	0			
	0.998207054								
NYNRIN	ENSG00000205978.5	0.513922227		6	6	0.09707943			
	Brain_Spinal_cord_cervical_c-1	0.859432351	Brain_Frontal_Cortex_BA9						
	1.491338938	0.605374695	0.605374695	-1.659180481	1.010715362				
	-0.095406403	1.017189122	6	0	0.998207054				
CEP290	ENSG00000198707.14	0.514015338		1	1	0.514015338			
	Brain_Cerebellum	0.514015338	Brain_Cerebellum	1	1	1	-0.652598213		
	-0.652598213	-0.652598213	NA	1	0	0.998207054			
NAP1L4	ENSG00000205531.12	0.514141844		4	4	0.267929699			
	Brain_Hippocampus	0.506665829	Brain_Substantia_nigra	1.86576057					
	0.484026045	0.484026045	-1.107842831	0.664038251	-0.577340316				
	0.837217803	4	0	0.998207054					
ARAP3	ENSG00000120318.15	0.514312973		1	1	0.514312973			
	Brain_Caudate_basal_ganglia	0.514312973	Brain_Caudate_basal_ganglia	1	1				
	1	0.652136728	0.652136728	0.652136728	NA	1	0		
	0.998207054								
LINC01659	ENSG00000234928.1	0.514342388		5	2	0.640258179			
	Brain_Caudate_basal_ganglia	0.962016099	Brain_Anterior_cingulate_cortex_BA24						
	4.636594868	1.16E-16	0.247098045	-0.190159558	0.467337853				
	0.199264122	0.296760636	2	0	0.998207054				
ONECUT1	ENSG00000169856.8	0.514564337		1	1	0.514564337			
	Brain_Cerebellum	0.514564337	Brain_Cerebellum	1	1	1	0.651747093		
	0.651747093	0.651747093	NA	1	0	0.998207054			
DOT1L	ENSG00000104885.17	0.514613172		4	4	0.170197491			
	Brain_Cerebellum								
	0.696482858	Brain_Putamen_basal_ganglia	3.462787893	0.120339699					
	0.120339699	-1.371569509	-0.390072608	-0.832714309	0.404575346				
	4	0	0.998207054						
BOLA1	ENSG00000178096.8	0.514677835		1	1	0.514677835			
	Brain_Spinal_cord_cervical_c-1	0.514677835	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.651571195	-0.651571195	-0.651571195	NA	1	0
	0.998207054								
THSD7A	ENSG00000005108.15	0.514692945		3	3	0.200370703			
	Brain_Cortex	0.916986704	Brain_Hippocampus	1.645322047					
	0.374693326	0.374693326	-0.521234442	1.280496136	0.287830616				
	0.914789657	3	0	0.998207054					
AFDN	ENSG00000130396.20	0.514762587		3	3	0.138927006			
	Brain_Putamen_basal_ganglia	0.716622183	Brain_Cerebellar_Hemisphere						
	1.554056118	0.639792864	0.639792864	0.362976842	1.479798585				
	0.888733657	0.561267818	3	0	0.998207054				
TSC22D2	ENSG00000196428.12	0.514876893		1	1	0.514876893			
	Brain_Cerebellum	0.514876893	Brain_Cerebellum	1	1	1	0.651262745		
	0.651262745	0.651262745	NA	1	0	0.998207054			
GNAQ	ENSG00000156052.10	0.514885622		7	4	0.100339016			
	Brain_Anterior_cingulate_cortex_BA24	0.990046922	Brain_Putamen_basal_ganglia						
	4.891877878	0.008340199	0.264647812	-0.603865055	1.643212301				
	0.048576059	0.738479923	4	0	0.998207054				

ABHD12B	ENSG00000131969.14	0.514941225	3	3	0.131861891			
	Brain_Caudate_basal_ganglia	0.974381229			Brain_Substantia_nigra	1.88822042		
	0.117000258	0.117000258			-1.506800149	-0.032113887	-0.938269355	
	0.793200926	3	0	0.998207054				
RP1-104O17.3	ENSG00000226207.1	0.514979989	1	1	0.514979989			
	Brain_Spinal_cord_cervical_c-1	0.514979989			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.651103017	0.651103017	NA	1	0
	0.998207054							
LINC00284	ENSG00000233725.7	0.515060237	1	1	0.515060237			
	Brain_Hippocampus	0.515060237			Brain_Hippocampus	1	1	1
	-0.650978699	-0.650978699			-0.650978699	NA	1	0
	0.998207054							
MARVELD3	ENSG00000140832.9	0.515066989	3	2	0.210687536			
	Brain_Nucleus_accumbens_basal_ganglia	0.473816234			Brain_Cerebellum			
	2.570473968	0.010200615			0.419325417	-1.251677132	-0.716283628	
	-1.001923893	0.269494824	2	0	0.998207054			
UBE2Q2	ENSG00000140367.11	0.515118695	1	1	0.515118695			
	Brain_Cortex	0.515118695			Brain_Cortex	1	1	1
	0.650888145	0.650888145			NA	1	0	0.650888145
	0.998207054							
TMEM92	ENSG00000167105.7	0.515216453	1	1	0.515216453			
	Brain_Cortex	0.515216453			Brain_Cortex	1	1	1
	0.650736723	0.650736723			NA	1	0	0.650736723
	0.998207054							
TRAPPC6B	ENSG00000182400.14	0.515294915	4	4	0.138576427			Brain_Cortex
	0.95268066	Brain_Cerebellar_Hemisphere	3.286350927		0.097734486			
	0.216395356	-1.48111314			-0.059340806	-0.758489728	0.657165168	
	4	0	0.998207054					
FADD	ENSG00000168040.4	0.515308723	1	1	0.515308723			
	Brain_Caudate_basal_ganglia	0.515308723			Brain_Caudate_basal_ganglia	1	1	
	1	-0.650593817	-0.650593817		-0.650593817	NA	1	0
	0.998207054							
ZNF568	ENSG00000198453.12	0.515383489	9	6	0.124328794			
	Brain_Putamen_basal_ganglia	0.941402656			Brain_Caudate_basal_ganglia			
	6.240297961	0.06434661	0.219850539		-0.073507023	1.536855113		
	0.699755244	0.537029011	6	0	0.998207054			
BCAS1	ENSG00000064787.13	0.515387471	1	1	0.515387471			
	Brain_Spinal_cord_cervical_c-1	0.515387471			Brain_Spinal_cord_cervical_c-1	1	1	
	1	1	0.650471864	0.650471864	0.650471864	NA	1	0
	0.998207054							
RIMS1	ENSG00000079841.18	0.515478421	2	2	0.278788244			Brain_Cerebellum
	0.672808289	Brain_Cerebellar_Hemisphere	1.029704751		0.970295249			
	0.970295249	-1.083045463	0.422296943		-0.33037426	1.064437823		
	2	0	0.998207054					
DNAJC11	ENSG00000007923.15	0.515488732	1	1	0.515488732			
	Brain_Frontal_Cortex_BA9	0.515488732			Brain_Frontal_Cortex_BA9	1	1	
	1	-0.650315059	-0.650315059		-0.650315059	NA	1	0
	0.998207054							
RSPH4A	ENSG00000111834.12	0.515579289	5	5	0.274838199			
	Brain_Cerebellum	0.931781029			Brain_Cerebellar_Hemisphere	2.423413501		
	0.171640865	0.171640865			-1.089462377	1.091988402	-0.226041995	
	0.859738188	5	0	0.998207054				
PHF14	ENSG00000106443.15	0.515641221	1	1	0.515641221			
	Brain_Putamen_basal_ganglia	0.515641221			Brain_Putamen_basal_ganglia	1	1	
	1	-0.650078957	-0.650078957		-0.650078957	NA	1	0
	0.998207054							
GABPB1	ENSG00000104064.16	0.515721967	8	3	0.242125116			
	Brain_Caudate_basal_ganglia	0.910202156			Brain_Hippocampus	6.216175396		
	0.011127616	0.322304209			-1.169691559	0.300089904	-0.148353493	
	0.582952425	3	0	0.998207054				
RP11-111M22.3	ENSG00000255135.3	0.515791694	4	4	0.131522844			
	Brain_Caudate_basal_ganglia	0.858738207			Brain_Amygdala	1.533208563		
	0.516102448	0.516102448			-0.177980606	1.508123803	0.751596512	
	0.70621545	4	0	0.998207054				
RP11-342K6.4	ENSG00000270996.1	0.515825326	5	5	0.177510078			

	Brain_Putamen_basal_ganglia	0.813645707		Brain_Caudate_basal_ganglia				
	1.691366158	0.367255395	0.367255395	-1.348461241	0.553045841			
	-0.610417187	0.926421455	5	0	0.998207054			
UVSSA	ENSG00000163945.15	0.515852125	13	3	0.071519566			
	Brain_Nucleus_accumbens_basal_ganglia	0.681252448		Brain_Amygdala				
	9.953626368	0.015337623	0.540060334	-1.802164262	-0.410754652			
	-1.05585419	0.407730544	3	0	0.998207054			
FAT2	ENSG00000086570.12	0.516015131	3	3	0.205950425			
	Brain_Nucleus_accumbens_basal_ganglia	0.985588125		Brain_Cerebellar_Hemisphere				
	1.281435501	0.758978552	0.758978552	-1.264779382	-0.018063589			
	-0.778439869	0.667006131	3	0	0.998207054			
ZNF106	ENSG00000103994.16	0.516055252	3	2	0.481543452			
	Brain_Anterior_cingulate_cortex_BA24	0.918753696		Brain_Substantia_nigra				
	2.633134429	0.038288136	0.328577435	-0.102003753	0.703822287			
	0.419317666	0.452106789	2	0	0.998207054			
SPRR2G	ENSG00000159516.8	0.516083829	1	1	0.516083829			
	Brain_Frontal_Cortex_BA9	0.516083829		Brain_Frontal_Cortex_BA9	1	1		
	1	-0.649393864	-0.649393864	-0.649393864	NA	1	0	
	0.998207054							
SCG5	ENSG00000166922.8	0.516084014	3	3	0.304085847			
	Brain_Substantia_nigra	0.542010347		Brain_Cortex	1.364075481			
	0.632983902	0.632983902	0.609775782	1.027710882	0.875157009			
	0.230683649	3	0	0.998207054				
RP11-378J18.9	ENSG00000276997.4	0.516150411	1	1	0.516150411			
	Brain_Hypothalamus	0.516150411		Brain_Hypothalamus	1	1	1	
	-0.649290831	-0.649290831	-0.649290831	NA	1	0	0.998207054	
TSTA3	ENSG00000104522.15	0.516213272	2	2	0.344696139			
	Brain_Nucleus_accumbens_basal_ganglia	0.667381406		Brain_Cortex				
	1.221591128	0.778408872	0.778408872	-0.429744642	0.944927013			
	0.257591186	0.972039649	2	0	0.998207054			
TMEM132A	ENSG00000006118.14	0.51627853	1	1	0.51627853	Brain_Amygdala		
	0.51627853	Brain_Amygdala	1	1	1	-0.649092592	-0.649092592	
	-0.649092592	NA	1	0	0.998207054			
RP11-468N14.13	ENSG00000272626.1	0.516307399	3	2	0.794895207			
	Brain_Cerebellum	0.919655021		Brain_Cerebellar_Hemisphere	2.874527672			
	0.024108411	0.101363916	-0.25995925	0.242797863	0.027902299			
	0.25919916	2	0	0.998207054				
CA9	ENSG00000107159.12	0.516315587	2	2	0.464836999	Brain_Cerebellum		
	0.964098744	Brain_Cerebellar_Hemisphere	1.796251495	0.203748505				
	0.203748505	-0.730905299	-0.045010746	-0.387958022	0.48500069	2		
	0	0.998207054						
SPATA9	ENSG00000145757.15	0.516381807	2	2	0.251089862			
	Brain_Frontal_Cortex_BA9	0.567776584		Brain_Caudate_basal_ganglia				
	1.444946494	0.555053506	0.555053506	0.571329093	1.147706221			
	0.859517657	0.407560176	2	0	0.998207054			
FAM49A	ENSG00000197872.11	0.516420871	1	1	0.516420871			
	Brain_Frontal_Cortex_BA9	0.516420871		Brain_Frontal_Cortex_BA9	1	1		
	1	-0.648872376	-0.648872376	-0.648872376	NA	1	0	
	0.998207054							
ZBTB7C	ENSG00000184828.9	0.51642924	1	1	0.51642924			
	Brain_Nucleus_accumbens_basal_ganglia	0.51642924						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.648859429			
	-0.648859429	-0.648859429	NA	1	0	0.998207054		
RP11-96A15.1	ENSG00000278464.1	0.516452055	1	1	0.516452055			
	Brain_Hypothalamus	0.516452055		Brain_Hypothalamus	1	1	1	
	-0.648824136	-0.648824136	-0.648824136	NA	1	0	0.998207054	
OLFML3	ENSG00000116774.11	0.516526828	4	3	0.162401017			
	Brain_Putamen_basal_ganglia	0.710643964		Brain_Cortex	2.723252248			
	0.079654465	0.219418778	0.370991363	1.39704175	0.767463268			
	0.445642366	3	0	0.998207054				
PIK3CD	ENSG00000171608.15	0.516585775	4	4	0.179416424			
	Brain_Cortex	0.752474058		Brain_Frontal_Cortex_BA9	1.356149415			

	0.769194117	0.769194117	-1.342554031	0.927314187	-0.138101429
	0.981552407	4	0	0.998207054	
MTHFR	ENSG00000177000.10	0.516641619	8	4	0.093856034
	Brain_Nucleus_accumbens_basal_ganglia	0.871732215			
	Brain_Anterior_cingulate_cortex_BA24	6.154406336		5.37E-18	0.248168968
	-0.161458601	1.675398687	1.183708732	0.570925351	4
	0.998207054				0
TPCN2	ENSG00000162341.16	0.516652096	6	6	0.225522734
	0.942444857	Brain_Frontal_Cortex_BA9	2.427245554		Brain_Cerebellum
	0.360149359	-1.211972953	0.618876571	-0.316523305	0.360149359
	6	0	0.998207054		0.786778215
EAPP	ENSG00000129518.8	0.516698748	1	1	0.516698748
	Brain_Hypothalamus	0.516698748	Brain_Hypothalamus	1	1
	-0.648442564	-0.648442564	-0.648442564	NA	1
				0	0.998207054
HACD4	ENSG00000188921.13	0.516704941	6	6	0.26389482
	Brain_Anterior_cingulate_cortex_BA24	0.963021717			Brain_Caudate_basal_ganglia
	2.920021091	0.11767196	0.11767196	-1.117232752	0.265228924
	-0.495567025	0.546619352	6	0	0.998207054
FANCD2	ENSG00000144554.10	0.516772398	4	4	0.105949555
	Brain_Hippocampus	0.889617286	Brain_Spinal_cord_cervical_c-1		
	2.051355223	0.362219985	0.362219985	-0.384776241	1.616669896
	0.410077176	0.852639406	4	0	0.998207054
ZFP57	ENSG00000204644.9	0.516775793	2	2	0.251327634
	Brain_Frontal_Cortex_BA9	0.95433083	Brain_Caudate_basal_ganglia	1.007791572	
	0.992208428	0.992208428	0.057269106	1.147130635	0.602199871
	0.770648478	2	0	0.998207054	
CBFA2T2	ENSG00000078699.21	0.517215293	4	4	0.296354819
	Brain_Cerebellum	0.965186695	Brain_Caudate_basal_ganglia	1.744254456	
	0.437255156	0.437255156	-0.619073363	1.044282258	0.041738866
	0.721077175	4	0	0.998207054	
KCNJ11	ENSG00000187486.5	0.517264761	2	2	0.336534076
	Brain_Caudate_basal_ganglia	0.367616394	Brain_Nucleus_accumbens_basal_ganglia		
	1.317486709	0.682513291	0.682513291	-0.961035983	-0.900947199
	-0.930991591	0.042489186	2	0	0.998207054
ENDOG	ENSG00000167136.6	0.517317852	6	3	0.201217422
	0.88776246	Brain_Cortex	5.164945142	0.01448703	Brain_Amygdala
	-1.278090773	-0.141136056	-0.569186312	0.407270285	0.198187688
	0.998207054				3
					0
NEFM	ENSG00000104722.13	0.517421366	1	1	0.517421366
	Brain_Putamen_basal_ganglia	0.517421366	Brain_Putamen_basal_ganglia	1	1
	1	-0.6473254	-0.6473254	-0.6473254	NA
				1	0
					0.998207054
GALNT6	ENSG00000139629.15	0.517499587	12	1	0.27057358
	Brain_Cerebellar_Hemisphere	0.797958653	Brain_Cortex	10.85241926	
	0.000205356	10.85241926	-1.101742625	-0.255989878	-0.616943374
	0.213195855	1	0	0.998207054	
WRAP73	ENSG00000116213.15	0.517534551	1	1	0.517534551
	Brain_Hypothalamus	0.517534551	Brain_Hypothalamus	1	1
	-0.64715049	-0.64715049	-0.64715049	NA	1
				0	0.998207054
FIGN	ENSG00000182263.13	0.517543349	3	3	0.166524122
	Brain_Nucleus_accumbens_basal_ganglia	0.970600997	Brain_Putamen_basal_ganglia		
	1.311210631	0.691618322	0.691618322	-0.518656511	1.38345916
	0.275982707	0.988894007	3	0	0.998207054
POLE	ENSG00000177084.16	0.517682299	8	1	0.475737689
	0.564997114	Brain_Caudate_basal_ganglia	7.904108533		Brain_Cerebellum
	7.904108533	0.575435037	0.713174653	0.642874635	0.000876989
	1	0	0.998207054		0.048031871
MYCN	ENSG00000134323.11	0.517800474	1	1	0.517800474
	Brain_Spinal_cord_cervical_c-1	0.517800474	Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.646739623	-0.646739623
				-0.646739623	NA
					1
					0
	0.998207054				
SDCBP	ENSG00000137575.11	0.517901119	1	1	0.517901119
	Brain_Hypothalamus	0.517901119	Brain_Hypothalamus	1	1
					1

	0.64658415	0.64658415	0.64658415	NA	1	0	0.998207054	
CASKIN1	ENSG00000167971.15	0.517937658	0.517937658		1	1	0.517937658	
	Brain_Hypothalamus	0.517937658	Brain_Hypothalamus		1	1	1	
	0.646527709	0.646527709	0.646527709	NA	1	0	0.998207054	
SAXO2	ENSG00000188659.9	0.51800862	13	2	0.170411895		Brain_Hypothalamus	
	0.903326033	Brain_Putamen_basal_ganglia	11.87492695				0.000551696	
	0.49244367	0.121460836	1.370881515		1.077461984		0.340989069	2
	0	0.998207054						
FSCN1	ENSG00000075618.17	0.518108902	2	2	0.603734806		Brain_Cerebellum	
	0.773275397	Brain_Cerebellar_Hemisphere	1.749418614				0.250581386	
	0.250581386	-0.288093201	0.519037192		0.115471995		0.570727374	
	2	0	0.998207054					
MRGPRE	ENSG00000184350.9	0.518122793	3	3	0.227449945			
	Brain_Cerebellum	0.641770858	Brain_Nucleus_accumbens_basal_ganglia					
	1.054622567	0.943608067	0.943608067		-1.20695378		0.465224273	
	-0.523661975	0.876975389	3	0	0.998207054			
P2RY1	ENSG00000169860.6	0.518173289	3	3	0.201137452		Brain_Cerebellum	
	0.909682282	Brain_Caudate_basal_ganglia	1.874219514				0.177190676	
	0.177190676	-0.113439303	1.278317636		0.589294265		0.695979756	
	3	0	0.998207054					
CREB5	ENSG00000146592.16	0.518197468	1	1	0.518197468			
	Brain_Nucleus_accumbens_basal_ganglia	0.518197468						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.646126449			
	0.646126449	0.646126449	NA	1	0	0.998207054		
CCDC189	ENSG00000196118.11	0.518282328	7	2	0.480286571			
	Brain_Frontal_Cortex_BA9	0.946522721	Brain_Caudate_basal_ganglia	6.44199165				
	0.001207439	0.280749248	-0.410204991		0.705841725		0.070168154	
	0.41494709	2	0	0.998207054				
TRIML2	ENSG00000179046.8	0.518354333	2	2	0.275383862			
	Brain_Caudate_basal_ganglia	0.930853473	Brain_Nucleus_accumbens_basal_ganglia					
	1.378878151	0.621121849	0.621121849		0.086771084		1.090747821	
	0.588759452	0.709918759	2	0	0.998207054			
SNX30	ENSG00000148158.16	0.518505331	2	2	0.267557872		Brain_Amygdala	
	0.875809552	Brain_Cerebellar_Hemisphere	1.119181853				0.880818147	
	0.880818147	-1.108704054	-0.156283513		-0.632493783		0.673463023	
	2	0	0.998207054					
H1F0	ENSG00000189060.5	0.518600308	1	1	0.518600308			
	Brain_Putamen_basal_ganglia	0.518600308	Brain_Putamen_basal_ganglia	1	1			
	1	0.645504493	0.645504493	0.645504493	NA	1	0	
	0.998207054							
AGTRAP	ENSG00000177674.15	0.518639825	2	2	0.257932314			
	Brain_Spinal_cord_cervical_c-1	0.992444565	Brain_Substantia_nigra					
	1.167329953	0.832670047	0.832670047		-1.131291754		-0.009469476	
	-0.570380615	0.79324814	2	0	0.998207054			
ZBBX	ENSG00000169064.12	0.518656201	2	2	0.298568047		Brain_Cortex	
	0.891300867	Brain_Frontal_Cortex_BA9	1.525940487				0.474059513	
	0.474059513	0.136658331	1.03950906	0.588083696			0.638411873	2
	0	0.998207054						
FAM227A	ENSG00000184949.15	0.518684552	10	2	0.131052833			
	Brain_Cortex	0.450600961	Brain_Cerebellum	9.371959931			0.006111483	
	0.317404747	0.754413511	1.509963126		1.106461289		0.24426636	2
	0	0.998207054						
NNT	ENSG00000112992.16	0.518776624	2	2	0.251931319			
	Brain_Nucleus_accumbens_basal_ganglia	0.481832877	Brain_Caudate_basal_ganglia					
	1.614849105	0.385150895	0.385150895		-1.145670971		-0.703357674	
	-0.924514323	0.312762732	2	0	0.998207054			
CPAMD8	ENSG00000160111.12	0.518782175	2	2	0.392003964			
	Brain_Caudate_basal_ganglia	0.91046519	Brain_Nucleus_accumbens_basal_ganglia					
	1.588102328	0.411897672	0.411897672		-0.112451794		0.85598882	
	0.371768513	0.684790925	2	0	0.998207054			
AP3S2	ENSG00000157823.16	0.519173258	12	2	0.135068855		Brain_Cortex	
	0.545612039	Brain_Putamen_basal_ganglia	10.81299921				0.001566261	

	0.503522006	-1.494408602	-0.604348393	-0.981159306	0.228776893
	2	0	0.998207054		
RP3-446N13.5	ENSG00000275212.1	0.519290812	2	2	0.456039493
	Brain_Frontal_Cortex_BA9	0.849239397		Brain_Cortex	1.64034369
	0.35965631	-0.19008899	0.745384199	0.277647604	0.35965631
	0	0.998207054			0.661479436
					2
FBXO7	ENSG00000100225.17	0.519305176	10	4	0.170465624
	Brain_Cerebellar_Hemisphere	0.87992119		Brain_Spinal_cord_cervical_c-1	
	7.262872601	-0.031368003	0.494516715	0.151069122	1.370709206
	0.758354523	0.483268789	4	0	0.998207054
RGS14	ENSG00000169220.17	0.519372836	7	7	0.069998419
	Brain_Substantia_nigra	0.825628658		Brain_Hypothalamus	1.917414866
	0.373895512	-0.373895512	-1.811920901	0.265638156	-0.804031753
	0.85288988	7	0	0.998207054	
C15orf52	ENSG00000188549.12	0.519401015	2	2	0.266448276
	Brain_Cerebellum	0.547612135		Brain_Cerebellar_Hemisphere	1.713934543
	0.286065457	0.286065457	0.601342129	1.111279	0.856310565
	0.360579819	2	0	0.998207054	
MAN2B2	ENSG00000013288.8	0.519460667	8	1	0.435970403
	Brain_Cerebellum	0.746519155		Brain_Anterior_cingulate_cortex_BA24	
	7.564397828	3.18E-05	7.564397828	0.323232519	0.779015808
	0.628411551	0.162295815	1	0	0.998207054
FAM129C	ENSG00000167483.17	0.51946587	2	2	0.275216988
	Brain_Hypothalamus	0.748631858		Brain_Cerebellum	1.022854125
	0.977145875	0.977145875	0.320443891	1.091127036	0.705785464
	0.544955278	2	0	0.998207054	
CTSO	ENSG00000256043.2	0.519523415	6	5	0.202847918
	Brain_Hypothalamus	0.958155727		Brain_Nucleus_accumbens_basal_ganglia	
	4.442977523	0.075386411	0.186153932	-1.273479568	0.219160605
	-0.206684137	0.55463105	5	0	0.998207054
NDUFA2	ENSG00000131495.8	0.519659128	1	1	0.519659128
	Brain_Anterior_cingulate_cortex_BA24	0.519659128			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.643870938
	0.643870938	0.643870938	NA	1	0
				0.998207054	
ZNF774	ENSG00000196391.10	0.519708748	3	3	0.216474749
	Brain_Nucleus_accumbens_basal_ganglia	0.909980424		Brain_Frontal_Cortex_BA9	
	1.141692155	0.872786102	0.872786102	-1.235956458	0.917010436
	-0.068627596	1.08792246	3	0	0.998207054
TDRD9	ENSG00000156414.18	0.51981337	13	3	0.198514329
	Brain_Cerebellum				
	0.982761525	Brain_Anterior_cingulate_cortex_BA24	10.99781905		0.0002291
	0.433909241	-1.285795821	-0.021606906	-0.660679522	0.387069466
	3	0	0.998207054		
BLVRA	ENSG00000106605.10	0.519824949	8	5	0.134539075
	Brain_Anterior_cingulate_cortex_BA24	0.93439482		Brain_Substantia_nigra	
	6.075429028	0.07100881	0.227843393	-0.320833159	1.496439835
	0.582354568	0.54340987	5	0	0.998207054
SLC2A4RG	ENSG00000125520.13	0.519879714	2	2	0.260762493
	Brain_Cerebellar_Hemisphere	0.297172354		Brain_Cerebellum	1.820998339
	0.179001661	-0.179001661	1.04251634	1.124590756	1.083553548
	0.058035376	2	0	0.998207054	
ANO7	ENSG00000146205.13	0.519921389	13	5	0.023547997
	Brain_Amygdala				
	0.551222108	Brain_Cerebellar_Hemisphere	9.799774939		0.000814856
	0.349664148	-2.264424856	-0.595929825	-1.336733868	0.503068071
	5	0	0.998207054		
PAM16	ENSG00000217930.7	0.519933838	2	2	0.274431046
	Brain_Caudate_basal_ganglia	0.337802844		Brain_Cerebellar_Hemisphere	
	1.640027344	0.359972656	0.359972656	-0.95851557	1.092915173
	1.025715372	0.095034871	2	0	0.998207054
RP11-95D17.1	ENSG00000269973.1	0.520204507	3	3	0.144745346
	Brain_Cerebellum	0.796524006		Brain_Hippocampus	1.905602871
	0.095177634	0.095177634	0.257848275	1.458345459	0.970636962
	0.631105531	3	0	0.998207054	

STON1-GTF2A1L	ENSG00000068781.21	0.520301687	4	4	0.2735304			
	Brain_Cerebellar_Hemisphere	0.902396666				Brain_Spinal_cord_cervical_c-1		
	2.012236382	0.304230298	0.304230298		-0.95595697	1.094968585		
	-0.165806563	0.909164966	4	0	0.998207054			
MEGF10	ENSG00000145794.16	0.520426851	1	1	0.520426851			
	Brain_Frontal_Cortex_BA9	0.520426851				Brain_Frontal_Cortex_BA9	1	1
	1	0.642687565	0.642687565	0.642687565	NA	1	0	
	0.998207054							
CHRA1	ENSG00000104472.9	0.52054802	1	1	0.52054802	Brain_Amygdala		
	0.52054802	Brain_Amygdala	1	1	0.642500877	0.642500877		
	0.642500877	NA	1	0	0.998207054			
RP11-446N19.1	ENSG00000272369.1	0.52056705	1	1	0.52056705	Brain_Amygdala		
	0.52056705	Brain_Amygdala	1	1	0.642471559	0.642471559		
	0.642471559	NA	1	0	0.998207054			
OTOA	ENSG00000155719.16	0.520604102	1	1	0.520604102	Brain_Cortex		
	0.520604102	Brain_Cortex	1	1	1	-0.642414478	-0.642414478	
	-0.642414478	NA	1	0	0.998207054			
NOL11	ENSG00000130935.9	0.520663975	1	1	0.520663975			
	Brain_Nucleus_accumbens_basal_ganglia	0.520663975						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.642322242			
	-0.642322242	-0.642322242	NA	1	0	0.998207054		
CAND1	ENSG00000111530.12	0.520737911	1	1	0.520737911	Brain_Cortex		
	0.520737911	Brain_Cortex	1	1	1	0.642208352	0.642208352	
	0.642208352	NA	1	0	0.998207054			
PURA	ENSG00000185129.5	0.520740513	1	1	0.520740513			
	Brain_Putamen_basal_ganglia	0.520740513				Brain_Putamen_basal_ganglia	1	1
	1	-0.642204344	-0.642204344	-0.642204344	NA	1	0	
	0.998207054							
NKG7	ENSG00000105374.9	0.521130837	1	1	0.521130837			
	Brain_Hypothalamus	0.521130837				Brain_Hypothalamus	1	1
	-0.641603227	-0.641603227	-0.641603227	NA	1	0	0.998207054	
ZNF469	ENSG00000225614.2	0.521306651	1	1	0.521306651			
	Brain_Frontal_Cortex_BA9	0.521306651				Brain_Frontal_Cortex_BA9	1	1
	1	-0.641332541	-0.641332541	-0.641332541	NA	1	0	
	0.998207054							
ANKRD50	ENSG00000151458.11	0.52140439	2	2	0.402233308	Brain_Cerebellum		
	0.503969004	Brain_Cerebellar_Hemisphere	1.120804482		0.879195518			
	0.879195518	-0.668257865	0.83763931	0.084690723	1.064830105		2	
	0	0.998207054						
GPX3	ENSG00000211445.11	0.521410523	5	5	0.185469988			
	Brain_Anterior_cingulate_cortex_BA24	0.945334074				Brain_Cortex		
	1.896346001	0.461154908	0.461154908		-1.168867215	1.32409954		
	0.381028728	1.022923299	5	0	0.998207054			
SLC4A1AP	ENSG00000163798.13	0.521653091	2	2	0.262987389			
	Brain_Substantia_nigra	0.841698092				Brain_Caudate_basal_ganglia		
	1.018371469	0.981628531	0.981628531		-1.119358123	-0.199721891		
	-0.659540007	0.650281016	2	0	0.998207054			
SYT4	ENSG00000132872.11	0.521671424	1	1	0.521671424	Brain_Cerebellum		
	0.521671424	Brain_Cerebellum	1	1	1	0.640771082	0.640771082	
	0.640771082	NA	1	0	0.998207054			
CASC3	ENSG00000108349.16	0.521672531	7	3	0.077350549	Brain_Cortex		
	0.494524509	Brain_Nucleus_accumbens_basal_ganglia	5.607595979					
	0.004038336	0.366118859	0.683130303		1.766270078	1.210163073		
	0.333406175	3	0	0.998207054				
ME1	ENSG00000065833.8	0.521722303	4	3	0.29611615			
	Brain_Substantia_nigra	0.840204819				Brain_Cerebellar_Hemisphere		
	2.889683465	1.25E-16	0.235861431		-1.044798409	-0.201631498		
	-0.509031282	0.400945354	3	0	0.998207054			
PFDN5	ENSG00000123349.13	0.521739465	1	1	0.521739465	Brain_Cerebellum		
	0.521739465	Brain_Cerebellum	1	1	1	-0.640666375	-0.640666375	
	-0.640666375	NA	1	0	0.998207054			
CA13	ENSG00000185015.7	0.521756577	4	2	0.40829047			

	Brain_Cerebellar_Hemisphere	0.99698746	Brain_Cerebellum	3.51735812	0.009744231			
		0.457884866		-0.826905774	0.307993132	-0.172307254	0.478756665	
		2	0	0.998207054				
RARRES1	ENSG00000118849.9	0.521860113		9	9	0.133469961		
	Brain_Hippocampus	0.567278392	Brain_Hypothalamus	4.066371416				
		0.184158008		0.184158008	-0.738443814	1.500557847	0.763086874	
		0.640928234	9	0	0.998207054			
AC011288.2	ENSG00000229618.2	0.521963858		2	2	0.25416764	Brain_Cortex	
		0.416420416	Brain_Frontal_Cortex_BA9	1.717567443		0.282432557		
		0.282432557		-1.140284868	-0.812647105	-0.976465986	0.231674884	
		2	0	0.998207054				
TMEM255B	ENSG00000184497.12	0.5220116	10	6	0.170320654		Brain_Cerebellum	
		0.648320901	Brain_Cerebellar_Hemisphere	6.310565245		0.019335946		
		0.357302199		0.456096063	1.371174216	0.920334566	0.352533441	
		6	0	0.998207054				
HLA-DQA2	ENSG00000237541.3	0.522060291		13	1	0.119245443		
	Brain_Putamen_basal_ganglia	0.848600442	Brain_Cortex	12.02740554				
		0.008549707		12.02740554	-0.319639278	1.55794856	0.615689547	
		0.524211634	1	0	0.998207054			
DNAI2	ENSG00000171595.13	0.522116568		4	4	0.281347455		
		0.559620876	Brain_Spinal_cord_cervical_c-1	0.559620876				
		1.33848617	Brain_Anterior_cingulate_cortex_BA24	1.33848617	0.688512591		0.688512591	
		-0.851658028		1.077297329	0.162357639	1.022294111	4	0
		0.998207054						
CAV2	ENSG00000105971.14	0.522234889		4	4	0.241485668		
	Brain_Nucleus_accumbens_basal_ganglia	0.971748931	Brain_Caudate_basal_ganglia	0.971748931				
		1.435965199		0.652129748	0.652129748	-1.171281444	0.850718028	
		0.076697869		0.898839685	4	0	0.998207054	
TRPC4AP	ENSG00000100991.11	0.522277773		3	3	0.151642911		
	Brain_Putamen_basal_ganglia	0.96255417	Brain_Cerebellar_Hemisphere	1.772583588				
		0.242436555		0.242436555	0.04694863	1.433752477	0.529144957	
		0.783983188	3	0	0.998207054			
5-Sep	ENSG00000184702.17	0.52230683		2	2	0.270363431		
	Brain_Frontal_Cortex_BA9	0.79058518	Brain_Substantia_nigra	1.022114157				
		0.977885843		0.977885843	-1.102225999	0.265550802	-0.418337599	
		0.967164252	2	0	0.998207054			
MIR22HG	ENSG00000186594.14	0.522339763		2	2	0.473390014		
	Brain_Caudate_basal_ganglia	0.656613748	Brain_Hypothalamus	1.470323559				
		0.529676441		0.529676441	-0.716974203	0.44459322	-0.136190491	
		0.821352202	2	0	0.998207054			
CDH15	ENSG00000129910.7	0.522392822		2	2	0.254760453	Brain_Cerebellum	
		0.438189601	Brain_Cerebellar_Hemisphere	1.653628525		0.346371475		
		0.346371475		0.775253974	1.138862633	0.957058303	0.257110149	
		2	0	0.998207054				
ZNF215	ENSG00000149054.15	0.522442475		1	1	0.522442475		
	Brain_Hippocampus	0.522442475	Brain_Hippocampus	1	1	1		
		0.639584942		0.639584942	NA	1	0	0.998207054
TPRA1	ENSG00000163870.14	0.522455922		6	3	0.149969935		
	Brain_Putamen_basal_ganglia	0.828260773	Brain_Cerebellum	4.365140812				
		0.010718069		0.675385706	-1.439637675	-0.216932726	-0.611759668	
		0.431005954	3	0	0.998207054			
RP11-538C21.2	ENSG00000277448.1	0.522496463		1	1	0.522496463		
	Brain_Spinal_cord_cervical_c-1	0.522496463	Brain_Spinal_cord_cervical_c-1					
		1	1	1	-0.639501924	-0.639501924	-0.639501924	NA
		0.998207054						
DLD	ENSG00000091140.13	0.522602115		12	7	0.223898638	Brain_Cerebellum	
		0.974435528	Brain_Amygdala	7.407889015		0.001461016	0.356817575	
		-1.216226534		0.755540897	-0.141906806	0.563882414	7	0
		0.998207054						
TRIM54	ENSG00000138100.13	0.522641007		1	1	0.522641007		
	Brain_Anterior_cingulate_cortex_BA24	0.522641007						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1	0.639279676		

	0.639279676	0.639279676	NA	1	0	0.998207054			
10-Sep	ENSG00000186522.14	0.522720209		7	4	0.07351195			
	Brain_Hippocampus	0.763645894					Brain_Cerebellar_Hemisphere	4.762126596	
	0.035422519	0.242184278	-1.789639091			0.300696558		-1.167426984	
	0.751469768	4	0	0.998207054					
LAPTM4B	ENSG00000104341.16	0.522746845		8	7	0.076364689			
	Brain_Nucleus_accumbens_basal_ganglia	0.941381108					Brain_Putamen_basal_ganglia		
	2.291756947	0.050967651	0.571594075			-1.772179961		0.349590416	
	-0.408608016	0.800737582	7	0	0.998207054				
ITGB2	ENSG00000160255.17	0.522824746		1	1	0.522824746			
	Brain_Spinal_cord_cervical_c-1	0.522824746					Brain_Spinal_cord_cervical_c-1		
	1	1	-0.638997212	-0.638997212		-0.638997212	NA	1	0
	0.998207054								
GALNT1	ENSG00000141429.13	0.522890414		3	3	0.154140829			
	Brain_Frontal_Cortex_BA9	0.938733984					Brain_Cerebellum	1.661179003	
	0.411463273	0.411463273	-0.076861175			1.42505664		0.627787657	
	0.755230528	3	0	0.998207054					
PTER	ENSG00000165983.14	0.523151652		1	1	0.523151652			
	Brain_Caudate_basal_ganglia	0.523151652					Brain_Caudate_basal_ganglia	1	1
	1	-0.638494778	-0.638494778	-0.638494778	NA	1		0	
	0.998207054								
SRD5A3	ENSG00000128039.10	0.523162362		10	10	0.119992787			
	Brain_Caudate_basal_ganglia	0.950040239					Brain_Cerebellum	2.91857756	
	0.279392805	0.279392805	-0.666246431			1.554803871		0.645091798	
	0.761817739	10	0	0.998207054					
AKAP11	ENSG00000023516.8	0.523459515		10	3	0.130442213			
	Brain_Putamen_basal_ganglia	0.783113816					Brain_Anterior_cingulate_cortex_BA24		
	8.582614115	1.39E-05	0.420613772			0.275263485		1.512360363	
	1.099293086	0.33910247	3	0	0.998207054				
TMEM30A	ENSG00000112697.15	0.523672067		3	2	0.255724777			
	Brain_Caudate_basal_ganglia	0.343757472					Brain_Cortex	2.762516232	
	0.019645738	0.21783803	0.946767097			1.136554006		1.068419173	
	0.105607004	2	0	0.998207054					
CDK2AP2	ENSG00000167797.7	0.523742683		1	1	0.523742683			
	Brain_Hippocampus	0.523742683					Brain_Hippocampus	1	1
	-0.637586811	-0.637586811	-0.637586811	NA	1	0		0.998207054	
RP11-775C24.5	ENSG00000277782.1	0.523798625		9	5	0.236250884			
	Brain_Substantia_nigra	0.931942484					Brain_Putamen_basal_ganglia		
	6.260324779	0.004336671	0.399896679			-1.184409797		0.704852203	
	-0.370549255	0.571593524	5	0	0.998207054				
ANO2	ENSG00000047617.14	0.523849797		2	2	0.277069769		Brain_Cortex	
	0.760835883	Brain_Cerebellum	1.027322914			0.972677086		0.972677086	
	-1.086925425	0.304383308	-0.391271059			0.98380384	2	0	
	0.998207054								
GPHA2	ENSG00000149735.6	0.523971686		2	2	0.659340743			
	Brain_Cerebellar_Hemisphere	0.779339478					Brain_Cerebellum	1.79779737	0.20220263
	0.20220263	-0.280179911	0.440823551			0.08032182	0.509826437	2	0
	0.998207054								
CA1	ENSG00000133742.13	0.523974509		1	1	0.523974509			
	Brain_Spinal_cord_cervical_c-1	0.523974509					Brain_Spinal_cord_cervical_c-1		
	1	1	0.637230813	0.637230813		0.637230813	NA	1	0
	0.998207054								
PTK7	ENSG00000112655.15	0.524208827		3	3	0.145433465			
	Brain_Putamen_basal_ganglia	0.893616569					Brain_Spinal_cord_cervical_c-1		
	1.574208764	0.430581118	0.430581118			-0.237929037		1.455852261	
	0.361397947	0.949256065	3	0	0.998207054				
FAM83D	ENSG00000101447.14	0.524257826		1	1	0.524257826			
	Brain_Cortex	0.524257826					Brain_Cortex	1	1
	0.636795856	0.636795856	NA	1	0	0.998207054			
LCN12	ENSG00000184925.11	0.524258703		10	8	0.033185279			
	Brain_Frontal_Cortex_BA9	0.853249402					Brain_Nucleus_accumbens_basal_ganglia		
	3.188860472	0.005243857	0.240654494			-2.1298345		0.336485893	

	-0.806089226	0.943882888	8	0	0.998207054		
UBXN4	ENSG00000144224.16	0.524333546	1	1	0.524333546		
	Brain_Cerebellar_Hemisphere	0.524333546			Brain_Cerebellar_Hemisphere	1	1
	1	0.636679627	0.636679627	0.636679627	NA	1	0
	0.998207054						
RAB27A	ENSG00000069974.15	0.524362827	11	8	0.04715168		
	Brain_Substantia_nigra	0.809372608			Brain_Cortex	5.102022019	
	0.029191682	0.240517731	-1.984935212	-0.241235488	-1.109709744		
	0.586015479	8	0	0.998207054			
NEURL2	ENSG00000124257.6	0.524386846	1	1	0.524386846		
	Brain_Cortex	0.524386846			Brain_Cortex	1	1
	0.636597819	0.636597819	NA	1	0	0.998207054	0.636597819
ATP9B	ENSG00000166377.19	0.524416147	2	2	0.579640797		Brain_Cortex
	0.700781174	Brain_Frontal_Cortex_BA9	1.656786667	0.343213333			
	0.343213333	-0.384266178	0.553909481	0.084821651	0.66339037	2	
	0	0.998207054					
RP11-726G1.1	ENSG00000214776.10	0.524627081	13	4	0.147151399		
	Brain_Putamen_basal_ganglia	0.977423621			Brain_Hippocampus	10.05609252	
	7.58E-05	0.366637337	-0.537002397	1.449667012	0.06788072		
	0.526992587	4	0	0.998207054			
RNF10	ENSG00000022840.15	0.524698342	1	1	0.524698342		
	Brain_Cerebellar_Hemisphere	0.524698342			Brain_Cerebellar_Hemisphere	1	1
	1	-0.636119799	-0.636119799	-0.636119799	NA	1	0
	0.998207054						
ANGEL2	ENSG00000174606.13	0.524731612	7	4	0.034850149		
	Brain_Putamen_basal_ganglia	0.850182926			Brain_Frontal_Cortex_BA9		
	5.250000368	0.001724691	0.220957026	-2.110095286	-0.188885031		
	-1.420488212	0.616103155	4	0	0.998207054		
KLHL23	ENSG00000213160.9	0.524786467	2	2	0.50896516		
	Brain_Cerebellar_Hemisphere	0.819895219			Brain_Cerebellum	1.913565935	
	0.086434065	0.086434065	0.227679746	0.660449899	0.444064822		
	0.30601471	2	0	0.998207054			
BTBD8	ENSG00000284413.1	0.524843897	1	1	0.524843897		
	Brain_Nucleus_accumbens_basal_ganglia	0.524843897					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.63589648		
	-0.63589648	-0.63589648	NA	1	0	0.998207054	
HTT	ENSG00000197386.10	0.524864721	1	1	0.524864721		
	Brain_Nucleus_accumbens_basal_ganglia	0.524864721					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.635864534		
	0.635864534	0.635864534	NA	1	0	0.998207054	
TBKBP1	ENSG00000198933.9	0.525096765	2	2	0.314588208		
	Brain_Cortex	0.373927979			Brain_Frontal_Cortex_BA9	1.405797479	
	0.594202521	0.594202521	-1.005641179	-0.889139749	-0.947390464		
	0.082378951	2	0	0.998207054			
FER	ENSG00000151422.12	0.525314541	1	1	0.525314541		
	Brain_Nucleus_accumbens_basal_ganglia	0.525314541					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.635174609		
	-0.635174609	-0.635174609	NA	1	0	0.998207054	
RLBP1	ENSG00000140522.11	0.525351752	6	6	0.215241562		
	Brain_Caudate_basal_ganglia	0.841006378			Brain_Anterior_cingulate_cortex_BA24		
	1.632260624	0.383238567	0.383238567	-0.360810935	1.239280703		
	0.469333678	0.633483101	6	0	0.998207054		
PDE6H	ENSG00000139053.2	0.525360703	5	5	0.183882153		Brain_Cortex
	0.608037833	Brain_Putamen_basal_ganglia	2.062910983	0.226627566			
	0.226627566	-1.328896397	1.004053877	-0.456050826	0.880697255		
	5	0	0.998207054				
FAM32A	ENSG00000105058.11	0.525453815	2	1	0.441534214		
	Brain_Nucleus_accumbens_basal_ganglia	0.625247999			Brain_Caudate_basal_ganglia		
	1.962721446	0.037278554	1.962721446	0.488426184	0.769605041		
	0.629015612	0.198823476	1	0	0.998207054		
GSTM3	ENSG00000134202.10	0.525495096	13	7	0.163408196		
	Brain_Anterior_cingulate_cortex_BA24	0.959483463			Brain_Cerebellar_Hemisphere		

	6.765969304	0.0001931	0.286948375	-0.885144938	1.393700068				
	0.259764504	0.745513686	7	0	0.998207054				
GOLGA8M	ENSG00000188626.6	0.525546319	1	1	0.525546319				
	Brain_Amygdala	0.525546319	Brain_Amygdala	1	1	1	-0.634819231		
	-0.634819231	-0.634819231	NA	1	0	0.998207054			
CTB-25B13.5	ENSG00000268798.1	0.525624142	1	1	0.525624142				
	Brain_Cerebellum	0.525624142	Brain_Cerebellum	1	1	1	-0.634699926		
	-0.634699926	-0.634699926	NA	1	0	0.998207054			
MUT	ENSG00000146085.7	0.525637786	11	6	0.31575275				
	Brain_Putamen_basal_ganglia	0.943752409	Brain_Cerebellum	7.251374681					
	0.061893609	0.329368628	-0.798234148	1.003224095	0.093373127				
	0.553528399	6	0	0.998207054					
ST3GAL4	ENSG00000110080.18	0.525755501	3	3	0.314756244				
	Brain_Spinal_cord_cervical_c-1	0.466959355	Brain_Caudate_basal_ganglia						
	1.197878635	0.779833677	0.779833677	-0.850067867	1.005292045				
	-0.190737031	1.037604863	3	0	0.998207054				
RP11-267M23.4	ENSG00000253704.1	0.525842835	5	3	0.214111731				
	Brain_Cerebellum	0.962478503	Brain_Frontal_Cortex_BA9	3.546868212					
	0.024483566	0.588623239	-1.242338406	0.047043569	-0.787295603				
	0.500061047	3	0	0.998207054					
ACIN1	ENSG00000100813.14	0.526037237	2	2	0.277186657	Brain_Cerebellum			
	0.72240427	Brain_Nucleus_accumbens_basal_ganglia	1.030375168	0.969624832					
	0.969624832	0.355247383	1.086660997	0.72095419	0.517187526	2			
	0	0.998207054							
BTBD2	ENSG00000133243.8	0.526039224	2	2	0.3595808	Brain_Cerebellum			
	0.533901843	Brain_Cerebellar_Hemisphere	1.048610054	0.951389946					
	0.951389946	-0.91616416	0.62206087	-0.147051645	1.08768935	2	0		
	0.998207054								
RP11-396B14.2	ENSG00000263033.2	0.526149012	6	5	0.075304229				
	Brain_Spinal_cord_cervical_c-1	0.815746789	Brain_Hippocampus						
	2.866460655	0.061742448	0.494808585	-1.778606917	0.430501753				
	-0.348671103	0.791800234	5	0	0.998207054				
SYT8	ENSG00000149043.16	0.526190262	1	1	0.526190262	Brain_Cortex			
	0.526190262	Brain_Cortex	1	1	1	-0.633832314	-0.633832314		
	-0.633832314	NA	1	0	0.998207054				
RIPK2	ENSG00000104312.7	0.526287331	3	3	0.268719669	Brain_Cortex			
	0.722269775	Brain_Frontal_Cortex_BA9	1.796182801	0.211209715					
	0.211209715	-1.106015828	-0.355426932	-0.776347853	0.383524768				
	3	0	0.998207054						
PLD2	ENSG00000129219.13	0.526392438	3	3	0.422878577				
	Brain_Cerebellar_Hemisphere	0.913992772	Brain_Cerebellum	1.87693898					
	0.123493366	0.123493366	-0.801437217	0.287584527	-0.207285457				
	0.55125742	3	0	0.998207054					
LINC01150	ENSG00000229671.1	0.526430619	1	1	0.526430619				
	Brain_Substantia_nigra	0.526430619	Brain_Substantia_nigra	1	1				
	1	-0.633464098	-0.633464098	-0.633464098	NA	1	0		
	0.998207054								
SRMS	ENSG00000125508.3	0.526447735	1	1	0.526447735	Brain_Cortex			
	0.526447735	Brain_Cortex	1	1	1	0.63343788	0.63343788	0.63343788	
	NA	1	0	0.998207054					
MTERF4	ENSG00000122085.16	0.526475601	11	2	0.173003781				
	Brain_Nucleus_accumbens_basal_ganglia	0.481853746							
	Brain_Anterior_cingulate_cortex_BA24	9.822531861	0.001948223						
	0.480732273	0.703324178	1.36261531	1.028588882	0.191889308	2			
	0	0.998207054							
MOV10	ENSG00000155363.18	0.52651029	1	1	0.52651029				
	Brain_Nucleus_accumbens_basal_ganglia	0.52651029							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.633342064				
	0.633342064	0.633342064	NA	1	0	0.998207054			
DOK4	ENSG00000125170.10	0.526703654	1	1	0.526703654				
	Brain_Spinal_cord_cervical_c-1	0.526703654	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.633045924	0.633045924	0.633045924	NA	1	0

0.998207054										
LTBR	ENSG00000111321.10	0.526760804	13	3	0.148723954			Brain_Cortex		
	0.881828151	Brain_Putamen_basal_ganglia	10.76571746		0.003722054					
	0.441510774	-1.444053404	0.479715076		-0.969057061			0.542442748		
	3	0	0.998207054							
FCGR2B	ENSG00000072694.20	0.526775736	1	1	0.526775736					
	Brain_Nucleus_accumbens_basal_ganglia	0.526775736								
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.632935543					
	-0.632935543	-0.632935543	NA	1	0	0.998207054				
CREBL2	ENSG00000111269.2	0.526820651	1	1	0.526820651					
	Brain_Substantia_nigra	0.526820651			Brain_Substantia_nigra	1	1			
	1	-0.632866768	-0.632866768	-0.632866768	NA	1	0			
	0.998207054									
RP11-527H14.4	ENSG00000263618.5	0.526887041	1	1	0.526887041					
	Brain_Nucleus_accumbens_basal_ganglia	0.526887041								
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.632765114					
	-0.632765114	-0.632765114	NA	1	0	0.998207054				
PON2	ENSG00000105854.12	0.526910848	1	1	0.526910848			Brain_Cerebellum		
	0.526910848	Brain_Cerebellum	1	1	-0.632728664			-0.632728664		
	-0.632728664	NA	1	0	0.998207054					
TCIRG1	ENSG00000110719.9	0.52695502	1	1	0.52695502					
	Brain_Frontal_Cortex_BA9	0.52695502	Brain_Frontal_Cortex_BA9	1	1	1				
	0.632661035	0.632661035	0.632661035	NA	1	0	0.998207054			
EAF2	ENSG00000145088.8	0.526991549	4	4	0.159138766					
	Brain_Hippocampus	0.901713171	Brain_Amygdala	1.888629226						
	0.230067248	0.230067248	0.123497479	1.407974012	0.891541989					
	0.598410933	4	0	0.998207054						
PLGLB2	ENSG00000125551.18	0.527036002	2	2	0.282804409					
	Brain_Cerebellum	0.865539944	Brain_Cerebellar_Hemisphere	1.453800819						
	0.546199181	0.546199181	0.169326358	1.074040771	0.621683564					
	0.639729696	2	0	0.998207054						
CLEC7A	ENSG00000172243.17	0.527133874	2	2	0.257982868					
	Brain_Hypothalamus	0.516467388	Brain_Hippocampus	1.549607693						
	0.450392307	0.450392307	-1.131171611	-0.648800416	-0.889986014					
	0.341087943	2	0	0.998207054						
PGAM1	ENSG00000171314.8	0.527180159	9	3	0.410759645			Brain_Cortex		
	0.932101682	Brain_Frontal_Cortex_BA9	7.556906289	0.010063382						
	0.256732714	-0.822557554	0.507170567	-0.142603229	0.42008677	3				
	0	0.998207054								
ACPP	ENSG00000014257.15	0.527188422	5	2	0.574854536					
	Brain_Nucleus_accumbens_basal_ganglia	0.80038814	Brain_Amygdala	4.546010034						
	0.009575074	0.313884098	-0.56091639	0.252844809	-0.309903506					
	0.332280089	2	0	0.998207054						
METAP1D	ENSG00000172878.13	0.527521379	5	5	0.189914376					
	Brain_Cortex	0.942374583	Brain_Putamen_basal_ganglia	2.384319617						
	0.135770864	0.135770864	-0.466433705	1.310832451	0.538514026					
	0.778262579	5	0	0.998207054						
C15orf59-AS1	ENSG00000260469.2	0.527528447	9	6	0.298009109					
	Brain_Spinal_cord_cervical_c-1	0.962895843								
	Brain_Nucleus_accumbens_basal_ganglia	5.855733	0.006090937	0.274156895						
	-0.812703513	1.040712264	0.208421761	0.633864401	6	0				
	0.998207054									
TRAM1L1	ENSG00000174599.5	0.527533969	1	1	0.527533969					
	Brain_Cerebellum	0.527533969	Brain_Cerebellum	1	1	1	0.631774913			
	0.631774913	0.631774913	NA	1	0	0.998207054				
CCDC124	ENSG00000007080.10	0.527580179	4	4	0.127966461					
	Brain_Cortex	0.975375298	Brain_Cerebellum	1.077024535	0.93318363					
	0.93318363	0.030867388	1.522170116	0.738120797	0.631299512	4				
	0	0.998207054								
RP3-355L5.5	ENSG00000272102.1	0.527602419	1	1	0.527602419					
	Brain_Putamen_basal_ganglia	0.527602419	Brain_Putamen_basal_ganglia	1	1					
	1	0.631670177	0.631670177	0.631670177	NA	1	0			

0.998207054

GIMAP1 ENSG00000213203.2 0.527618807 2 2 0.291340066
 Brain_Cortex 0.727374901 Brain_Anterior_cingulate_cortex_BA24
 1.054401174 0.945598826 0.945598826 -0.348619613 1.055186438
 0.353283412 0.992640778 2 0 0.998207054

CAPN5 ENSG00000149260.15 0.52762964 4 4 0.189537308 Brain_Cerebellum
 0.653904254 Brain_Cortex 1.099498708 0.910449058 0.910449058
 -0.87006877 1.311949102 -0.156450577 0.99413536 4 0
 0.998207054

CAPN12 ENSG00000182472.8 0.52774176 4 4 0.152945077
 Brain_Putamen_basal_ganglia 0.976589496 Brain_Nucleus_accumbens_basal_ganglia
 1.848160953 0.20633389 0.20633389 -1.429205849 -0.029344926
 -0.800831754 0.577435391 4 0 0.998207054

RCOR1 ENSG00000089902.9 0.527884324 1 1 0.527884324
 Brain_Nucleus_accumbens_basal_ganglia 0.527884324
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.63123891
 -0.63123891 -0.63123891 NA 1 0 0.998207054

RPSA ENSG00000168028.13 0.527888248 9 4 0.208109737
 Brain_Frontal_Cortex_BA9 0.9978552 Brain_Cerebellar_Hemisphere 6.467818617
 0.011713372 0.393051869 -1.258780192 1.134409235 -0.011145604
 0.65369236 4 0 0.998207054

KCNJ14 ENSG00000182324.6 0.527981957 5 4 0.30598239
 Brain_Substantia_nigra 0.994406759 Brain_Caudate_basal_ganglia 3.90474191
 0.071705027 0.143756098 -0.111029726 1.023688583 0.504198613
 0.524118807 4 0 0.998207054

CCDC96 ENSG00000173013.5 0.528022752 2 2 0.315103831
 Brain_Cerebellar_Hemisphere 0.66874395 Brain_Nucleus_accumbens_basal_ganglia
 1.087497097 0.912502903 0.912502903 -0.427872499 1.004570245
 0.288348873 1.012889978 2 0 0.998207054

RETSAT ENSG00000042445.13 0.528309503 7 6 0.034620426
 Brain_Caudate_basal_ganglia 0.865379763 Brain_Spinal_cord_cervical_c-1
 4.502734447 0.023901939 0.164379018 -2.112770385 -0.169530018
 -1.424211257 0.69757629 6 0 0.998207054

FAM210B ENSG00000124098.9 0.528774235 4 3 0.346204675
 Brain_Cerebellar_Hemisphere 0.940908584 Brain_Caudate_basal_ganglia
 2.347839688 0.050405578 0.684808889 -0.941976494 0.155145036
 -0.447512108 0.57126256 3 0 0.998207054

NSRP1 ENSG00000126653.17 0.528781816 2 2 0.444757061
 Brain_Cerebellar_Hemisphere 0.449993983 Brain_Hypothalamus 1.093945101
 0.906054899 0.906054899 -0.764184904 0.755425058 -0.004379923
 1.074526509 2 0 0.998207054

GIN54 ENSG00000147536.11 0.528927474 1 1 0.528927474
 Brain_Putamen_basal_ganglia 0.528927474 Brain_Putamen_basal_ganglia 1 1
 1 0.629644084 0.629644084 0.629644084 NA 1 0
 0.998207054

TMEM231 ENSG00000205084.10 0.528958296 4 4 0.198908815
 Brain_Cerebellum 0.639092699 Brain_Anterior_cingulate_cortex_BA24
 2.367191491 0.262280937 0.262280937 -0.468967734 1.284666599
 0.73903816 0.811839091 4 0 0.998207054

FAM49B ENSG00000153310.19 0.528980896 3 3 0.237253804
 Brain_Hippocampus 0.704437616 Brain_Nucleus_accumbens_basal_ganglia
 1.237026146 0.749918551 0.749918551 -1.181878778 -0.379337015
 -0.694331476 0.428192927 3 0 0.998207054

DCP1B ENSG00000151065.13 0.5290995 1 1 0.5290995 Brain_Cortex 0.5290995
 Brain_Cortex 1 1 1 0.629381236 0.629381236 0.629381236
 NA 1 0 0.998207054

UTS2R ENSG00000181408.3 0.529102263 1 1 0.529102263 Brain_Amygdala
 0.529102263 Brain_Amygdala 1 1 1 0.629377013 0.629377013
 0.629377013 NA 1 0 0.998207054

ZNF101 ENSG00000181896.11 0.529180442 8 5 0.31439293
 Brain_Anterior_cingulate_cortex_BA24 0.824835356 Brain_Putamen_basal_ganglia
 6.264179897 0.035878829 0.223507122 -1.006047065 1.002999222

	0.353301471	0.623142363	5	0	0.998207054				
AURKC	ENSG00000105146.12	0.529226897	11	4	0.186275356				
	Brain_Spinal_cord_cervical_c-1	0.913632138			Brain_Cerebellar_Hemisphere				
	8.338810227	0.006567703	0.377080827		-0.108458324	1.321678125			
	0.58847828	0.398546037	4	0	0.998207054				
IL7R	ENSG00000168685.14	0.529249257	1	1	0.529249257				
	Brain_Substantia_nigra	0.529249257			Brain_Substantia_nigra	1	1		
	1	-0.629152447	-0.629152447	-0.629152447	NA	1	0		
	0.998207054								
PMVK	ENSG00000163344.5	0.529307404	1	1	0.529307404				
	Brain_Nucleus_accumbens_basal_ganglia	0.529307404							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.629063624				
	-0.629063624	-0.629063624	NA	1	0	0.998207054			
LAMP5	ENSG00000125869.9	0.529328758	2	2	0.317708787	Brain_Cerebellum			
	0.569728163	Brain_Cerebellar_Hemisphere	1.045646257		0.954353743				
	0.954353743	-0.568451893	0.999177348		0.215362728	1.108481266			
	2	0	0.998207054						
CDYL	ENSG00000153046.17	0.529431375	1	1	0.529431375	Brain_Cortex			
	0.529431375	Brain_Cortex	1	1	1	-0.628874265	-0.628874265		
	-0.628874265	NA	1	0	0.998207054				
RP11-381K20.4	ENSG00000270697.1	0.529445687	1	1	0.529445687				
	Brain_Hippocampus	0.529445687	Brain_Hippocampus	1	1	1			
	-0.628852407	-0.628852407	-0.628852407	NA	1	0	0.998207054		
AP003774.6	ENSG00000231680.1	0.529449717	7	5	0.16290987	Brain_Cerebellum			
	0.950487952	Brain_Nucleus_accumbens_basal_ganglia	3.512119831						
	0.004645494	0.437533236	-1.395351496		-0.062094028	-0.721544889			
	0.581532277	5	0	0.998207054					
ICA1L	ENSG00000163596.16	0.529453941	3	3	0.476974415				
	Brain_Caudate_basal_ganglia	0.734055989	Brain_Frontal_Cortex_BA9						
	2.220252124	0.228375188	0.228375188		-0.711177233	0.702187854			
	0.11024859	0.734096913	3	0	0.998207054				
RPL22L1	ENSG00000163584.17	0.529467824	3	3	0.182893761				
	Brain_Cerebellum	0.702662967	Brain_Amygdala	1.386771719	0.60354244				
	0.60354244	-0.381728219	1.33189784	0.505528413	0.858434043	3	0		
	0.998207054								
DGKA	ENSG00000065357.19	0.529728566	2	2	0.296635277				
	Brain_Nucleus_accumbens_basal_ganglia	0.390357097	Brain_Cerebellar_Hemisphere						
	1.460702861	0.539297139	0.539297139		0.858969947	1.043676087			
	0.951323017	0.130606964	2	0	0.998207054				
TMEM229B	ENSG00000198133.8	0.52973504	2	2	0.357283496				
	Brain_Nucleus_accumbens_basal_ganglia	0.471171852							
	Brain_Anterior_cingulate_cortex_BA24	1.078125123	0.921874877						
	0.921874877	-0.920553678	0.720573681		-0.099989999	1.160452284			
	2	0	0.998207054						
PDCL3	ENSG00000115539.13	0.529753177	2	2	0.259659947	Brain_Cerebellum			
	0.851554708	Brain_Spinal_cord_cervical_c-1	1.175549282		0.824450718				
	0.824450718	-0.1871351	1.127195229		0.470030064	0.929371888	2		
	0	0.998207054							
EIF2A	ENSG00000144895.11	0.529756017	12	1	0.381940692				
	Brain_Frontal_Cortex_BA9	0.727845519	Brain_Anterior_cingulate_cortex_BA24						
	11.59239012	1.57E-05	11.59239012		-0.874326096	-0.347992895			
	-0.618322965	0.137350618	1	0	0.998207054				
COX11	ENSG00000166260.10	0.529780597	12	2	0.212304959				
	Brain_Frontal_Cortex_BA9	0.48203009	Brain_Cerebellar_Hemisphere	11.01093685					
	0.000813452	0.698892712	0.703041175		1.247252416	1.073663894			
	0.141594793	2	0	0.998207054					
NOL8	ENSG00000198000.11	0.529804207	1	1	0.529804207				
	Brain_Nucleus_accumbens_basal_ganglia	0.529804207							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.628304923				
	0.628304923	0.628304923	NA	1	0	0.998207054			
FLG2	ENSG00000143520.6	0.529945843	1	1	0.529945843				
	Brain_Frontal_Cortex_BA9	0.529945843	Brain_Frontal_Cortex_BA9	1	1				

	1	-0.628088687	-0.628088687	-0.628088687	NA	1	0
		0.998207054					
GCDH	ENSG00000105607.12	0.529946056	12	6	0.161190472		
	Brain_Hypothalamus	0.989666938		Brain_Substantia_nigra		7.368820805	
	3.70E-17	0.479942292	-0.418632624	1.401078928		0.21097782	0.51443542
	6	0	0.998207054				
B4GAT1	ENSG00000174684.6	0.529958892	1	1	0.529958892		
	Brain_Cortex	0.529958892		Brain_Cortex	1	1	-0.628068768
	-0.628068768	-0.628068768	NA	1	0	0.998207054	
PSORS1C1	ENSG00000204540.10	0.530087101	12	11	0.012320844		
	Brain_Anterior_cingulate_cortex_BA24	0.992486894		Brain_Cerebellar_Hemisphere			
	3.945574958	0.115982839	0.263018186	-0.720865387		2.502819269	
	0.194332553	0.846553315	11	0	0.998207054		
WDR90	ENSG00000161996.18	0.530141203	5	5	0.345861274		
	Brain_Caudate_basal_ganglia	0.986910694		Brain_Hippocampus		2.556328211	
	0.095869952	0.095869952	-0.942647425	0.016405748		-0.463684099	
	0.428419721	5	0	0.998207054			
ZNF143	ENSG00000166478.9	0.530208291	8	6	0.066413766		
	Brain_Amygdala	0.993911876		Brain_Cerebellar_Hemisphere	4.00636946		
	0.020702322	0.197523351	-0.258367691	1.83562075	1.080284768		
	0.850741467	6	0	0.998207054			
GOLGA6L9	ENSG00000197978.9	0.530331765	12	3	0.118023913		
	Brain_Nucleus_accumbens_basal_ganglia	0.911588751		Brain_Cortex			
	9.776732339	0.016191453	0.438755047	-1.563121952	0.111034799		
	-0.878955791	0.464614473	3	0	0.998207054		
RP11-46H11.3	ENSG00000250790.4	0.530387517	7	5	0.246917529		
	Brain_Substantia_nigra	0.953834818		Brain_Frontal_Cortex_BA9			
	4.853987804	0.027417429	0.269614576	-1.157868928	0.863439305		
	0.033553154	0.633548419	5	0	0.998207054		
UBE4A	ENSG00000110344.9	0.530398195	2	2	0.320900161		
	Brain_Frontal_Cortex_BA9	0.582611905		Brain_Cerebellar_Hemisphere			
	1.017830944	0.982169056	0.982169056	-0.992609772	0.549573549		
	-0.221518111	1.090488284	2	0	0.998207054		
LTBP2	ENSG00000119681.11	0.530423803	1	1	0.530423803		
	Brain_Putamen_basal_ganglia	0.530423803		Brain_Putamen_basal_ganglia	1	1	
	1	-0.627359205	-0.627359205	-0.627359205	NA	1	0
	0.998207054						
TEFM	ENSG00000172171.10	0.530470397	5	4	0.388361706		
	Brain_Cerebellar_Hemisphere	0.820792582		Brain_Nucleus_accumbens_basal_ganglia			
	3.20909852	0.0789549	0.198605567	-0.550865369	0.862592226		
	0.271246561	0.627027922	4	0	0.998207054		
ARL6IP1	ENSG00000170540.14	0.53060967	3	2	0.253504722		Brain_Cortex
	0.497464517	Brain_Cerebellum	2.648092807	0.03904053	0.312866663		
	-1.141878029	0.91651261	0.15103971	1.126006905	2	0	0.998207054
C6orf62	ENSG00000112308.12	0.530750384	6	3	0.154641274		
	Brain_Cerebellum	0.696324623		Brain_Caudate_basal_ganglia	4.848042447		
	0.003088726	0.22205102	-1.423327376	-0.390286611	-0.904280038		
	0.43204283	3	0	0.998207054			
PRSS55	ENSG00000184647.10	0.530812831	8	3	0.170582875		
	Brain_Cerebellum	0.609390819		Brain_Anterior_cingulate_cortex_BA24			
	6.958480058	0.001211358	0.270482176	0.510943216	1.370333326		
	1.104501781	0.307349935	3	0	0.998207054		
AC093627.10	ENSG00000240859.1	0.530871286	8	7	0.216273509		
	Brain_Anterior_cingulate_cortex_BA24	0.935276272		Brain_Frontal_Cortex_BA9			
	3.518345474	7.06E-17	0.19184998	-1.236497998	0.76447739	-0.705395929	
	0.742758752	7	0	0.998207054			
RP11-47A8.5	ENSG00000272933.1	0.530961773	4	4	0.43682247		
	Brain_Anterior_cingulate_cortex_BA24	0.74137993		Brain_Spinal_cord_cervical_c-1			
	2.447313658	0.203645135	0.203645135	-0.354356531	0.77757014		
	0.195048969	0.621531987	4	0	0.998207054		
KCNN4	ENSG00000104783.11	0.53103127	13	5	0.042553438		
	Brain_Frontal_Cortex_BA9	0.744515146		Brain_Spinal_cord_cervical_c-1			

	7.505731874	0.006441308	0.388540696	-2.028066725	0.325880002
	-1.122335504	0.590275958	5 0	0.998207054	
PARD3B	ENSG00000116117.17	0.53107428	1 1	0.53107428	
	Brain_Spinal_cord_cervical_c-1	0.53107428	Brain_Spinal_cord_cervical_c-1	1 1	
	1 1	-0.626366954	-0.626366954	-0.626366954	NA 1 0
	0.998207054				
PROCA1	ENSG00000167525.13	0.531077758	11 2	0.117725738	
	Brain_Caudate_basal_ganglia	0.683142019	Brain_Cortex	8.969270537	
	0.007792538	1.146181631	0.408179335	1.564391149	1.011817832
	0.286998928	2 0	0.998207054		
CALU	ENSG00000128595.16	0.531155313	4 4	0.25666933	Brain_Cortex
	0.794236885	Brain_Cerebellum	1.403171318	0.64677067	0.64677067
	-1.134298567	0.601393553	-0.476676756	0.825871833	4 0
	0.998207054				
IFI16	ENSG00000163565.18	0.531156858	1 1	0.531156858	Brain_Cortex
	0.531156858	Brain_Cortex	1 1 1	0.626241031	0.626241031
	0.626241031	NA 1 0	0.998207054		
VWA1	ENSG00000179403.11	0.531171448	1 1	0.531171448	
	Brain_Cerebellar_Hemisphere	0.531171448	Brain_Cerebellar_Hemisphere	1 1	
	1 1	0.626218784	0.626218784	0.626218784	NA 1 0
	0.998207054				
RAB8A	ENSG00000167461.11	0.53118742	2 2	0.274494153	Brain_Cortex
	0.742579085	Brain_Cerebellum	1.056889664	0.943110336	0.943110336
	0.328439892	1.092771465	0.710605679	0.540464039	2 0
	0.998207054				
RP11-177J6.1	ENSG00000273257.1	0.531303814	3 3	0.171397833	
	Brain_Putamen_basal_ganglia	0.741065802	Brain_Nucleus_accumbens_basal_ganglia		
	1.657028524	0.352289553	0.352289553	-0.330442277	1.367726081
	0.742564869	0.933471172	3 0	0.998207054	
RP11-1017G21.6	ENSG00000272444.1	0.531371469	8 7	0.212193961	
	Brain_Cortex	0.884204946	Brain_Substantia_nigra	3.413274577	
	0.111551503	0.254413975	-0.88833725	1.247555288	0.175150565
	0.709325127	7 0	0.998207054		
DNA2	ENSG00000138346.14	0.531477805	13 1	0.228973849	
	Brain_Anterior_cingulate_cortex_BA24	0.831793793			
	Brain_Spinal_cord_cervical_c-1	12.36771987	0.000487174	12.36771987	
	-1.203006388	-0.212401529	-0.611690568	0.228707306	1 0
	0.998207054				
TTC34	ENSG00000215912.12	0.53153649	2 1	0.508797488	Brain_Cerebellum
	0.562460169	Brain_Nucleus_accumbens_basal_ganglia	1.963654772		
	0.036345228	1.963654772	0.579191199	0.66071128	0.619951239
	0.057643403	1 0	0.998207054		
PLA2G12A	ENSG00000123739.10	0.531569587	10 8	0.029919531	
	Brain_Frontal_Cortex_BA9	0.903070688	Brain_Caudate_basal_ganglia		
	5.278367072	0.013829802	0.236798174	-2.171154029	0.366205496
	-0.318177877	0.728581091	8 0	0.998207054	
C7orf50	ENSG00000146540.14	0.531574328	10 4	0.225809651	
	Brain_Cortex	0.935939713	Brain_Frontal_Cortex_BA9	8.168359844	
	0.012484213	0.296082033	-0.122223068	1.211223782	0.623170812
	0.436515806	4 0	0.998207054		
LDLRAD3	ENSG00000179241.12	0.531585604	3 3	0.15701275	
	Brain_Putamen_basal_ganglia	0.986408841	Brain_Cerebellum	1.292694256	
	0.712406305	0.712406305	-1.415190155	0.389050562	-0.336368259
	0.952623452	3 0	0.998207054		
NOL9	ENSG00000162408.10	0.531592563	1 1	0.531592563	
	Brain_Cerebellar_Hemisphere	0.531592563	Brain_Cerebellar_Hemisphere	1 1	
	1 1	-0.625576794	-0.625576794	-0.625576794	NA 1 0
	0.998207054				
RP11-458F8.4	ENSG00000273142.1	0.531890742	13 3	0.192453521	
	Brain_Substantia_nigra	0.914553	Brain_Spinal_cord_cervical_c-1		
	10.41037172	0.018736496	0.531193489	-0.340090621	1.303355209
	0.521970932	0.501518541	3 0	0.998207054	

EXT2	ENSG00000151348.13	0.53190453	8	7	0.09229	Brain_Putamen_basal_ganglia			
	0.864405894	Brain_Frontal_Cortex_BA9			3.293003532	0.044897084			
	0.238544517	-1.683439717	1.068790051		-0.057269502	0.932644602			
	7	0	0.998207054						
MITD1	ENSG00000158411.11	0.53193362	8	4	0.46987089				
	Brain_Anterior_cingulate_cortex_BA24	0.964105366			Brain_Cerebellum				
	6.232744534	0.016103898	0.260556385		-0.703362346	0.722689139			
	-0.288263866	0.479507854	4	0	0.998207054				
ASPA	ENSG00000108381.10	0.532025256	3	3	0.264646142	Brain_Cerebellum			
	0.672101447	Brain_Amygdala	1.182692807		0.821134962	0.821134962			
	-0.423265658	1.115476829	0.482454975		0.804801577	3	0		
	0.998207054								
LNX2	ENSG00000139517.7	0.532026272	3	3	0.562275221				
	Brain_Cerebellar_Hemisphere	0.952777389			Brain_Spinal_cord_cervical_c-1				
	1.90422164	0.099833973	0.099833973		-0.070500838	0.579465349			
	0.189394624	0.34398141	3	0	0.998207054				
ZNF608	ENSG00000168916.15	0.532070346	1	1	0.532070346				
	Brain_Cortex	0.532070346	Brain_Cortex	1	1	1	-0.624848727		
	-0.624848727	-0.624848727	NA	1	0	0.998207054			
ASPH	ENSG00000198363.17	0.532092263	3	3	0.228656304	Brain_Cortex			
	0.713486714	Brain_Nucleus_accumbens_basal_ganglia	1.184848645						
	0.824055961	0.824055961	-0.791807147		1.203827382	0.01494762			
	1.051263016	3	0	0.998207054					
EED	ENSG00000074266.19	0.53212583	2	1	0.413977761				
	Brain_Cerebellar_Hemisphere	0.67770208	Brain_Cerebellum	1.945905966					
	0.054094034	1.945905966	-0.816913677		-0.415600884	-0.616257281			
	0.283770997	1	0	0.998207054					
TNFRSF1B	ENSG00000028137.18	0.532188925	1	1	0.532188925				
	Brain_Cerebellum	0.532188925	Brain_Cerebellum	1	1	1	0.624668083		
	0.624668083	0.624668083	NA	1	0	0.998207054			
TPPP3	ENSG00000159713.10	0.532300406	2	2	0.266804893	Brain_Cortex			
	0.929815299	Brain_Putamen_basal_ganglia	1.070975491		0.929024509				
	0.929024509	-0.088077223	1.110450626		0.511186701	0.847487169			
	2	0	0.998207054						
PCDHGA10	ENSG00000253846.2	0.532344914	1	1	0.532344914				
	Brain_Nucleus_accumbens_basal_ganglia	0.532344914							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.624430478				
	0.624430478	0.624430478	NA	1	0	0.998207054			
PDP2	ENSG00000172840.6	0.532438009	2	2	0.270796365	Brain_Cortex			
	0.857204322	Brain_Cerebellum	1.035161244		0.964838756	0.964838756			
	-1.101230467	0.179934078	-0.460648195		0.905920138	2	0		
	0.998207054								
PPP1R3G	ENSG00000219607.3	0.532446014	1	1	0.532446014				
	Brain_Spinal_cord_cervical_c-1	0.532446014	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.6242765	0.6242765	0.6242765	NA	1	0
	0.998207054								
WNK2	ENSG00000165238.16	0.532506631	2	2	0.307791714				
	Brain_Nucleus_accumbens_basal_ganglia	0.830656658	Brain_Cerebellum						
	1.237272619	0.762727381	0.762727381		-1.019866638	0.213859456			
	-0.403003591	0.872376088	2	0	0.998207054				
SLC19A1	ENSG00000173638.18	0.532590422	8	8	0.028605564				
	Brain_Anterior_cingulate_cortex_BA24	0.981464518	Brain_Cerebellum						
	2.003033411	0.474775849	0.474775849		-0.892968908	2.18887999			
	0.439543923	0.915390779	8	0	0.998207054				
GABRA1	ENSG00000022355.16	0.532658416	1	1	0.532658416				
	Brain_Hippocampus	0.532658416	Brain_Hippocampus	1	1	1			
	0.623953054	0.623953054	0.623953054	NA	1	0	0.998207054		
FGF11	ENSG00000161958.10	0.532692963	3	3	0.269062694	Brain_Amygdala			
	0.873987899	Brain_Hypothalamus	2.444674957		0.272524808				
	0.272524808	0.158595088	1.105223645		0.534657943	0.502394192			
	3	0	0.998207054						
GCK	ENSG00000106633.15	0.53275265	1	1	0.53275265	Brain_Hypothalamus			
	0.53275265	Brain_Hypothalamus	1	1	1	0.623809576	0.623809576		

	0.623809576	NA	1	0	0.998207054				
LHX2	ENSG00000106689.10	0.532866494	1	1	0.532866494	Brain_Amygdala			
	0.532866494	Brain_Amygdala	1	1	1	-0.623636257		-0.623636257	
	-0.623636257	NA	1	0	0.998207054				
PPP2R5C	ENSG00000078304.19	0.532886161	3	3	0.30565127				
	Brain_Hypothalamus	0.695358432			Brain_Amygdala	1.757672201		0.24193693	
	0.24193693	-0.987799621	1.024389647		-0.118334563	1.033551806		3	
	0	0.998207054							
XYLB	ENSG00000093217.9	0.532939215	1	1	0.532939215				
	Brain_Cerebellar_Hemisphere	0.532939215			Brain_Cerebellar_Hemisphere	1		1	
	1	-0.623525554	0.623525554	0.623525554	NA	1		0	
	0.998207054								
NUDT8	ENSG00000167799.9	0.533029629	3	3	0.575031641				
	Brain_Putamen_basal_ganglia	0.769286197			Brain_Caudate_basal_ganglia				
	2.372237803	0.285227116	0.285227116		-0.560656627	0.543294773			
	0.091982285	0.578857858	3	0	0.998207054				
GLI4	ENSG00000250571.6	0.533099077	1	1	0.533099077				
	Brain_Spinal_cord_cervical_c-1	0.533099077			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.623282224	0.623282224	0.623282224	NA	1	0
	0.998207054								
ZFYVE9	ENSG00000157077.14	0.533369756	1	1	0.533369756				
	Brain_Anterior_cingulate_cortex_BA24	0.533369756							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.622870301				
	-0.622870301	-0.622870301	NA	1	0	0.998207054			
MX1	ENSG00000157601.13	0.533416261	3	3	0.254507805	Brain_Cortex			
	0.53239656	Brain_Nucleus_accumbens_basal_ganglia	1.050725463		0.953369635				
	0.953369635	-1.139468486	0.651517197		-0.370767703	0.922028257			
	3	0	0.998207054						
RAB4A	ENSG00000168118.11	0.533459707	1	1	0.533459707				
	Brain_Cerebellar_Hemisphere	0.533459707			Brain_Cerebellar_Hemisphere	1		1	
	1	0.622733436	0.622733436	0.622733436	NA	1		0	
	0.998207054								
ZNF443	ENSG00000180855.15	0.533475588	10	2	0.206293562				
	Brain_Nucleus_accumbens_basal_ganglia	0.55873098	Brain_Cerebellum	8.601608497					
	7.69E-05	0.875717546	0.58472747	1.263823006	0.920303617				
	0.237024139	2	0	0.998207054					
TMEM72	ENSG00000187783.11	0.533480371	6	6	0.213642645				
	Brain_Nucleus_accumbens_basal_ganglia	0.954632509			Brain_Hypothalamus				
	1.554927234	0.452394536	0.452394536		-0.590725057	1.243611328			
	0.402589685	0.895987974	6	0	0.998207054				
C4orf50	ENSG00000181215.14	0.533494427	1	1	0.533494427				
	Brain_Substantia_nigra	0.533494427			Brain_Substantia_nigra	1		1	
	1	-0.622680611	-0.622680611	-0.622680611	NA	1		0	
	0.998207054								
BAG5	ENSG00000166170.9	0.533510076	3	3	0.153337016				
	Brain_Cerebellar_Hemisphere	0.25640299	Brain_Anterior_cingulate_cortex_BA24						
	2.409757658	0.150508876	0.150508876		1.13493396	1.427843129			
	1.233346166	0.168443331	3	0	0.998207054				
CNTROB	ENSG00000170037.13	0.533571459	5	4	0.210185819				
	Brain_Cortex	0.384288704	Brain_Cerebellum	3.483228273	0.095699827				
	0.128537375	-1.253054649	-0.870021411		-1.071607423	0.168120166			
	4	0	0.998207054						
ASAP1	ENSG00000153317.14	0.533598108	6	4	0.251911148				
	Brain_Putamen_basal_ganglia	0.893009097			Brain_Cerebellar_Hemisphere				
	4.047134299	0.081282056	0.221796969		-0.436761173	1.145719704			
	0.010761807	0.604545885	4	0	0.998207054				
BBS2	ENSG00000125124.11	0.53364612	8	3	0.248566325				
	Brain_Nucleus_accumbens_basal_ganglia	0.729432051			Brain_Cortex				
	6.018994488	0.001074992	0.654446404		-0.345881129	1.15383865			
	0.755804403	0.481236175	3	0	0.998207054				
BRINP1	ENSG00000078725.12	0.533651512	2	2	0.324899161				
	Brain_Caudate_basal_ganglia	0.548616264			Brain_Anterior_cingulate_cortex_BA24				

	1.066418655	0.933581345	0.933581345	0.599834912	0.984440118
	0.792137515	0.27195695 2	0	0.998207054	
FAM229B	ENSG00000203778.7	0.533681786	12 4	0.052203568	
	Brain_Nucleus_accumbens_basal_ganglia	0.540490703		Brain_Caudate_basal_ganglia	
	9.344746715	0.018897541	0.371042026	-1.941451239	-0.612071122
	-1.17857998	0.37017277 4	0	0.998207054	
KRTAP16-1	ENSG00000212657.1	0.533779268	1 1	0.533779268	
	Brain_Cerebellar_Hemisphere	0.533779268		Brain_Cerebellar_Hemisphere1	1
	1	0.622247301	0.622247301	0.622247301	NA 1 0
	0.998207054				
FAM20C	ENSG00000177706.8	0.534032727	2 2	0.348008336	
	Brain_Spinal_cord_cervical_c-1	0.532330332		Brain_Hippocampus	
	1.013901736	0.986098264	0.986098264	-0.938459471	0.624452688
	-0.157003391	1.105145786	2 0	0.998207054	
RAB11FIP4	ENSG00000131242.17	0.534326137	3 3	0.155319266	
	Brain_Hippocampus	0.961169205		Brain_Putamen_basal_ganglia	1.426701014
	0.569599662	0.569599662	0.048686412	1.420991377	0.601319093
	0.724077234	3 0	0.998207054		
RP11-90C4.1	ENSG00000234810.2	0.534545736	1 1	0.534545736	
	Brain_Spinal_cord_cervical_c-1	0.534545736		Brain_Spinal_cord_cervical_c-1	
	1 1 1	0.621081902	0.621081902	0.621081902	NA 1 0
	0.998207054				
AP1S1	ENSG00000106367.13	0.534556188	2 2	0.299689253	
	Brain_Hypothalamus	0.730302576		Brain_Cerebellar_Hemisphere	1.643095764
	0.356904236	0.356904236	0.344723066	1.037100004	0.690911535
	0.489584428	2 0	0.998207054		
RP11-554D14.6	ENSG00000257398.6	0.53456008 3	3 3	0.393330227	
	Brain_Cerebellum	0.763737956		Brain_Cerebellar_Hemisphere	1.919003032
	0.094839715	0.094839715	0.300575841	0.853593562	0.521244903
	0.292935828	3 0	0.998207054		
FOXE3	ENSG00000186790.5	0.534581862	3 2	0.541692188	
	Brain_Frontal_Cortex_BA9	0.844243971		Brain_Cerebellum	2.571245459
	0.048904829	0.379849712	-0.427665231	0.610256077	0.126352909
	0.52250095 2	0	0.998207054		
ASPSCR1	ENSG00000169696.15	0.534583419	2 2	0.328795094	
	Brain_Cerebellum	0.652936874		Brain_Frontal_Cortex_BA9	1.096734131
	0.903265869	0.903265869	-0.449685991	0.976543718	0.263428864
	1.008496699	2 0	0.998207054		
OXER1	ENSG00000162881.6	0.534724649	8 3	0.086859344	
	Brain_Substantia_nigra	0.994981986		Brain_Putamen_basal_ganglia	
	5.893787929	0.000622962	0.761199609	-0.006289189	1.712202571
	1.014407914	0.52988864 3	0	0.998207054	
YME1L1	ENSG00000136758.18	0.534849156	1 1	0.534849156	
	Brain_Anterior_cingulate_cortex_BA24	0.534849156			
	Brain_Anterior_cingulate_cortex_BA24	1 1 1		-0.620620792	
	-0.620620792	-0.620620792	NA 1 0	0.998207054	
LRRC37A2	ENSG00000238083.7	0.534857099	13 1	0.359747475	
	Brain_Amygdala	0.687621775		Brain_Frontal_Cortex_BA9	12.3399279
	0.000798693	12.3399279	-0.915846378	-0.402084588	-0.604585095
	0.183192915	1 0	0.998207054		
DENND4A	ENSG00000174485.15	0.534964759	3 2	0.48103403	Brain_Cortex
	0.751648784	Brain_Cerebellum	2.456437385	0.018628527	0.524934088
	-0.704640433	0.316466058	-0.34544077	0.573923634	2 0
	0.998207054				
AC007228.5	ENSG00000268352.1	0.535159417	1 1	0.535159417	
	Brain_Cerebellar_Hemisphere	0.535159417		Brain_Cerebellar_Hemisphere1	1
	1	-0.620149422	-0.620149422	-0.620149422	NA 1 0
	0.998207054				
RP11-121M22.1	ENSG00000175773.12	0.535227215	10 10	0.028630721	
	Brain_Cortex	0.931384243		Brain_Cerebellar_Hemisphere	1.254091188
	0.7939715	0.7939715	-2.188534089	1.551010544	-0.112023423
	0.975225499	10 0	0.998207054		

LRRRC49	ENSG00000137821.11	0.535520817	2	2	0.381441932			
	Brain_Cerebellar_Hemisphere	0.644381759			Brain_Cerebellum	1.242878826		
	0.757121174	0.757121174			-0.461581089	0.875242576	0.206830744	
	0.945277079	2	0	0.998207054				
TRAPPC12	ENSG00000171853.15	0.535552788	11	7	0.10466438			
	Brain_Cerebellar_Hemisphere	0.936259874			Brain_Hippocampus	6.517673818		
	0.086213943	0.243170742			-1.622649372	0.243331215	-0.706509697	
	0.614861319	7	0	0.998207054				
KRR1	ENSG00000111615.13	0.53556014	13	2	0.14845965	Brain_Hypothalamus		
	0.569878022	Brain_Anterior_cingulate_cortex_BA24			11.27644624			
	0.000535878	0.848501987			0.568231152	1.444993718	1.015634852	
	0.30321912	2	0	0.998207054				
PHACTR4	ENSG00000204138.12	0.53581147	12	3	0.10962823	Brain_Cortex		
	0.44008068	Brain_Anterior_cingulate_cortex_BA24			10.18201286	0.00225253		
	0.405548135	-1.599866374			-0.772056981	-1.252062454	0.278583277	
	3	0	0.998207054					
TMEM129	ENSG00000168936.10	0.535925412	12	4	0.280072512			
	Brain_Frontal_Cortex_BA9	0.809715047			Brain_Caudate_basal_ganglia			
	9.201422909	0.00053555	0.358397051		-1.080156464	0.745005938		
	-0.391158537	0.547133265	4	0	0.998207054			
ZNF486	ENSG00000256229.7	0.535932617	1	1	0.535932617			
	Brain_Hippocampus	0.535932617			Brain_Hippocampus	1	1	1
	-0.618975321	-0.618975321			-0.618975321	NA	1	0
							0.998207054	
RP13-20L14.1	ENSG00000260011.2	0.535992996	2	2	0.264367719			
	Brain_Cerebellar_Hemisphere	0.480487714			Brain_Cerebellum	1.604200399		
	0.395799601	0.395799601			0.705518354	1.116127135	0.910822744	
	0.290344253	2	0	0.998207054				
WNT8B	ENSG00000075290.7	0.535999289	4	2	0.654699676	Brain_Cortex		
	0.952663897	Brain_Spinal_cord_cervical_c-1			3.850991497	0.000559052		
	0.140790901	-0.44724292			0.059361853	-0.295124892	0.240148933	
	2	0	0.998207054					
MUSTN1	ENSG00000272573.5	0.536028159	1	1	0.536028159			
	Brain_Cerebellum	0.536028159			Brain_Cerebellum	1	1	-0.6188303
	-0.6188303	-0.6188303	NA	1	0	0.998207054		
RNF139-AS1	ENSG00000245149.3	0.536036685	7	3	0.089175319			
	Brain_Cortex	0.83158741			Brain_Cerebellar_Hemisphere	4.967302059		
	0.038509841	0.795312129			-0.2126661	1.699764038	0.99883252	
	0.626679471	3	0	0.998207054				
CCDC78	ENSG00000162004.16	0.536046378	6	4	0.09615616	Brain_Amygdala		
	0.967463999	Brain_Cerebellum	3.310709475		0.000844257	0.620988581		
	-0.090626395	1.66378121	0.341527648		0.712725725	4	0	
	0.998207054							
PTP4A2	ENSG00000184007.18	0.536123821	2	2	0.275854283			
	Brain_Cerebellum	0.844085288			Brain_Caudate_basal_ganglia	1.042931694		
	0.957068306	0.957068306			-1.08967965	-0.19667064	-0.643175145	
	0.631452727	2	0	0.998207054				
MCM9	ENSG00000111877.17	0.536199125	5	5	0.150672858	Brain_Amygdala		
	0.957110486	Brain_Anterior_cingulate_cortex_BA24			2.19678054	0.085974527		
	0.085974527	-1.437158867			0.053779948	-0.661691602	0.562358263	
	5	0	0.998207054					
UROS	ENSG00000188690.12	0.536229529	12	2	0.22645098			
	Brain_Putamen_basal_ganglia	0.386280556			Brain_Substantia_nigra			
	11.11936134	0.000139689	0.41794288		0.866382284	1.209551651		
	1.070664653	0.122743658	2	0	0.998207054			
LHB	ENSG00000104826.12	0.536278757	1	1	0.536278757			
	Brain_Cerebellar_Hemisphere	0.536278757			Brain_Cerebellar_Hemisphere	1	1	
	1	-0.618449986	-0.618449986		-0.618449986	NA	1	0
	0.998207054							
IQGAP3	ENSG00000183856.10	0.536290754	1	1	0.536290754			
	Brain_Frontal_Cortex_BA9	0.536290754			Brain_Frontal_Cortex_BA9	1	1	
	1	-0.61843178	-0.61843178		-0.61843178	NA	1	0
	0.998207054							

C2orf54	ENSG00000172478.17	0.536322798	4	4	0.205532028			
	Brain_Cerebellum	0.990175289			Brain_Hippocampus	2.135242358		
	0.200268392	0.200268392			-1.265947083	0.01231376	-0.688454897	
	0.535439223	4	0	0.998207054				
COX4I1	ENSG00000131143.8	0.536323074	1	1	0.536323074			
	Brain_Substantia_nigra	0.536323074			Brain_Substantia_nigra	1	1	
	1	0.618382738	0.618382738	0.618382738	NA	1	0	
	0.998207054							
BECN1	ENSG00000126581.12	0.536520703	1	1	0.536520703			
	Brain_Hippocampus	0.536520703			Brain_Hippocampus	1	1	1
	0.618082886	0.618082886	0.618082886	NA	1	0	0.998207054	
CLNK	ENSG00000109684.14	0.536672941	2	2	0.264570035			Brain_Cerebellum
	0.577582635	Brain_Cerebellar_Hemisphere	1.493798683	0.506201317				
	0.506201317	0.556919201	1.115654544	0.836286873	0.395085551			
	2	0	0.998207054					
UPK3BL	ENSG00000267368.1	0.536692746	13	5	0.112543019			
	Brain_Anterior_cingulate_cortex_BA24	0.983218011			Brain_Hypothalamus			
	8.547786131	0.010051917	0.386257002	-1.089887665	1.586865904			
	0.282712653	0.672985713	5	0	0.998207054			
TMEM132D	ENSG00000151952.15	0.536694407	1	1	0.536694407			
	Brain_Hippocampus	0.536694407			Brain_Hippocampus	1	1	1
	-0.61781938	-0.61781938	-0.61781938	NA	1	0	0.998207054	
C8orf82	ENSG00000213563.6	0.536746422	1	1	0.536746422			
	Brain_Substantia_nigra	0.536746422			Brain_Substantia_nigra	1	1	
	1	-0.617740482	-0.617740482	-0.617740482	NA	1	0	
	0.998207054							
TMEM229A	ENSG00000234224.2	0.536796043	9	6	0.096858422			
	Brain_Putamen_basal_ganglia	0.551579277			Brain_Nucleus_accumbens_basal_ganglia			
	5.691532184	0.037604654	0.253803368	-0.615104732	1.660278583			
	0.841174916	0.660368262	6	0	0.998207054			
PLEKHA1	ENSG00000107679.14	0.536907508	5	4	0.245120416			
	Brain_Caudate_basal_ganglia	0.982634919			Brain_Spinal_cord_cervical_c-1			
	3.465080884	0.043069629	0.208075996	-1.16228328	0.233236023			
	-0.341115758	0.576958337	4	0	0.998207054			
LCORL	ENSG00000178177.15	0.537146258	1	1	0.537146258			Brain_Cerebellum
	0.537146258	Brain_Cerebellum	1	1	1	-0.61713413	-0.61713413	
	-0.61713413	NA	1	0	0.998207054			
HLA-DOA	ENSG00000204252.13	0.537303549	3	3	0.222106911			
	Brain_Cerebellum	0.923217022			Brain_Cerebellar_Hemisphere	1.454642589		
	0.57341113	0.57341113	-0.096382209	1.220944824	0.593745779			
	0.660914266	3	0	0.998207054				
RP11-673E1.1	ENSG00000251600.5	0.537322374	11	1	0.375934704			
	Brain_Spinal_cord_cervical_c-1	0.73959255			Brain_Nucleus_accumbens_basal_ganglia			
	10.49145905	0.000425698	10.49145905	0.332392965	0.885411552			
	0.604181678	0.16357764	1	0	0.998207054			
PSMG3-AS1	ENSG00000230487.7	0.537336099	12	4	0.40186392			
	Brain_Putamen_basal_ganglia	0.969375364			Brain_Cerebellar_Hemisphere			
	8.625165312	2.48E-16	0.447280929	-0.838297001	0.695131576			
	0.106337046	0.462067954	4	0	0.998207054			
STAP1	ENSG00000035720.7	0.537360122	1	1	0.537360122			
	Brain_Hippocampus	0.537360122			Brain_Hippocampus	1	1	1
	0.616809898	0.616809898	0.616809898	NA	1	0	0.998207054	
SLC8B1	ENSG00000089060.11	0.537440608	4	4	0.151494749			
	Brain_Caudate_basal_ganglia	0.766072024			Brain_Putamen_basal_ganglia			
	2.864831425	0.178488923	0.178488923	0.297516748	1.434271679			
	1.126154993	0.553177771	4	0	0.998207054			
TAS2R31	ENSG00000256436.1	0.537536652	1	1	0.537536652			
	Brain_Cortex	0.537536652			Brain_Cortex	1	1	1
	0.616542317	0.616542317	NA	1	0	0.998207054		
IPPK	ENSG00000127080.9	0.537537243	4	3	0.232420067			
	Brain_Cerebellar_Hemisphere	0.681518251			Brain_Hypothalamus	2.158810585		
	0.044472999	0.616776806	-1.194148033	0.734494253	-0.365719255			

	0.806295941	3	0	0.998207054					
KIN	ENSG00000151657.11		0.537594732	7	2	0.318392042			
	Brain_Nucleus_accumbens_basal_ganglia	0.969573941				Brain_Cerebellar_Hemisphere			
	6.352917426	0.001656234	0.282229283			-0.038142657	0.997767646		
	0.525294487	0.334175851	2	0	0.998207054				
RP11-426C22.6	ENSG00000260953.1		0.537686715	7	1	0.326730213			
	Brain_Amygdala	0.715553627				Brain_Nucleus_accumbens_basal_ganglia			
	6.806680172	0.000302205	6.806680172			-0.980721268	-0.364407645		
	-0.609610794	0.247771704	1	0	0.998207054				
NEURL1	ENSG00000107954.10		0.537785617	4	4	0.092372726			
	Brain_Cortex	0.906178667				Brain_Amygdala	1.552414374	0.437292986	
	0.437292986	-1.683012218	0.1178599			-0.789885343	0.808874508	4	
	0	0.998207054							
PTCH2	ENSG00000117425.13		0.537859818	1	1	0.537859818			
	Brain_Cerebellar_Hemisphere	0.537859818				Brain_Cerebellar_Hemisphere1	1	1	
	1	0.61605258	0.61605258	0.61605258	NA	1	0	0.998207054	
RPS23	ENSG00000186468.12		0.537948407	13	2	0.437573652			
	Brain_Spinal_cord_cervical_c-1	0.998914912				Brain_Cerebellar_Hemisphere			
	12.0387936	0.000103118	0.492125319			-0.776296986	0.151139871		
	-0.030714684	0.237463209	2	0	0.998207054				
EMC2	ENSG00000104412.7		0.538086942	8	6	0.199337912		Brain_Cortex	
	0.945116492		Brain_Caudate_basal_ganglia	4.93477796	0.070960879				
	0.243293802	-1.283440159	0.068840611			-0.731219672	0.52410234	6	
	0	0.998207054							
CTSZ	ENSG00000101160.13		0.538101315	2	2	0.298089097			
	Brain_Hippocampus	0.484641885				Brain_Substantia_nigra	1.863496502		
	0.136503498	0.136503498	0.698856228			1.040539985	0.869698106		
	0.241606902	2	0	0.998207054					
DCXR	ENSG00000169738.7		0.538210094	9	3	0.212379722			
	Brain_Nucleus_accumbens_basal_ganglia	0.701133913							
	Brain_Anterior_cingulate_cortex_BA24	7.450705028				6.34E-08	0.26538416		
	0.383790253	1.247048481	0.968543926			0.31937651	3	0	
	0.998207054								
OTOF	ENSG00000115155.16		0.538355036	4	4	0.159814839		Brain_Cerebellum	
	0.372961465		Brain_Cerebellar_Hemisphere	2.038104692	0.268787164				
	0.268787164	-1.405694575	-0.890939804			-1.178100208	0.217236677		
	4	0	0.998207054						
CACNA1E	ENSG00000198216.10		0.538415861	1	1	0.538415861			
	Brain_Cerebellar_Hemisphere	0.538415861				Brain_Cerebellar_Hemisphere1	1	1	
	1	-0.615210279	-0.615210279			-0.615210279	NA	1	0
	0.998207054								
MRPS5	ENSG00000144029.11		0.538440535	2	2	0.269788649		Brain_Cortex	
	0.663232475		Brain_Nucleus_accumbens_basal_ganglia	1.270179678					
	0.729820322	0.729820322	-1.103549404			-0.435454615	-0.769502009		
	0.472414356	2	0	0.998207054					
C3orf80	ENSG00000180044.5		0.53845129	1	1	0.53845129			
	Brain_Anterior_cingulate_cortex_BA24	0.53845129							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.615156625				
	0.615156625	0.615156625	NA	1	0	0.998207054			
UBIAD1	ENSG00000120942.13		0.538509653	1	1	0.538509653			
	Brain_Frontal_Cortex_BA9	0.538509653				Brain_Frontal_Cortex_BA9	1	1	
	1	-0.615068243	-0.615068243			-0.615068243	NA	1	0
	0.998207054								
VPS29	ENSG00000111237.18		0.538539485	9	5	0.221687112			
	Brain_Nucleus_accumbens_basal_ganglia	0.887300432				Brain_Cerebellum			
	6.888629501	0.020236166	0.318650798			-1.222054251	0.204764746		
	-0.580009591	0.550430751	5	0	0.998207054				
RP5-933K21.3	ENSG00000271040.1		0.538699232	6	6	0.068835966			
	Brain_Nucleus_accumbens_basal_ganglia	0.963464505				Brain_Amygdala			
	1.396064299	0.537607582	0.537607582			-0.045806467	1.81949486		
	0.839830735	0.606376616	6	0	0.998207054				
HPS1	ENSG00000107521.18		0.538775376	12	5	0.353556908			

	Brain_Spinal_cord_cervical_c-1	0.973916514			Brain_Hippocampus		
	5.861544502	0.010454896	0.232576851		-0.416713993	0.927712143	
	0.246985284	0.451903632	5	0	0.998207054		
IL22RA1	ENSG00000142677.3	0.538847238			2	1	0.510793087
	Brain_Cerebellar_Hemisphere	0.571222342			Brain_Cerebellum	1.982922645	
	0.017077355	1.982922645	-0.65760328		-0.566252211	-0.611927745	
	0.06459496	0	0.998207054				
TRAPPC6A	ENSG00000007255.10	0.538890541	1	1	0.538890541		
	Brain_Amygdala	0.538890541	Brain_Amygdala	1	1	1	-0.614491572
	-0.614491572	-0.614491572	NA	1	0	0.998207054	
PCDHA11	ENSG00000249158.6	0.538947934	6	4	0.325288134		
	Brain_Nucleus_accumbens_basal_ganglia	0.893163811			Brain_Caudate_basal_ganglia		
	3.928966213	0.003440246	0.227709164		-0.385241082	0.983648979	
	0.347174731	0.510523383	4	0	0.998207054		
GGPS1	ENSG00000152904.11	0.538954211	4	4	0.283312647		
	Brain_Spinal_cord_cervical_c-1	0.979026911			Brain_Frontal_Cortex_BA9		
	1.641682981	0.371626823	0.371626823		-0.888470816	1.072907442	
	-0.018613909	0.820801287	4	0	0.998207054		
ABCA3	ENSG00000167972.13	0.539073973	5	4	0.210910604		Brain_Cerebellum
	0.757877509	Brain_Frontal_Cortex_BA9	2.002954217		0.021161369		
	0.9210965	-0.821920058	1.251065438		0.554530286	0.847125059	4
	0	0.998207054					
KIAA0232	ENSG00000170871.11	0.539092324	2	2	0.303231587		
	Brain_Anterior_cingulate_cortex_BA24	0.499334377					
	Brain_Spinal_cord_cervical_c-1	1.263258878			0.736741122	0.736741122	
	-1.029528089	-0.675537433	-0.852532761		0.250309193	2	0
	0.998207054						
SHB	ENSG00000107338.9	0.539110151	3	3	0.302224352		
	Brain_Caudate_basal_ganglia	0.911025035			Brain_Cerebellar_Hemisphere		
	1.467051783	0.519119315	0.519119315		-1.031675087	0.682177119	
	-0.153747893	0.857697781	3	0	0.998207054		
GS1-57L11.1	ENSG00000253853.1	0.539134757	4	3	0.257029857		
	Brain_Cerebellar_Hemisphere	0.478503267			Brain_Cerebellum	2.502160434	
	0.041635867	0.46119013	-0.833126316		1.133439208	-0.298198275	
	0.955796648	3	0	0.998207054			
TMEM251	ENSG00000153485.5	0.53923222	2	2	0.298103713		Brain_Cortex
	0.719757749	Brain_Anterior_cingulate_cortex_BA24	1.030394969				
	0.969605031	0.969605031	-1.040508509		0.358782575	-0.340862967	
	0.989448214	2	0	0.998207054			
CLDN1	ENSG00000163347.5	0.539264376	1	1	0.539264376		
	Brain_Hippocampus	0.539264376			Brain_Hippocampus	1	1
	-0.613925776	-0.613925776	-0.613925776		NA	1	0
					0.998207054		
TMEM232	ENSG00000186952.14	0.539326806	4	2	0.460374742		
	Brain_Cerebellum	0.645927735			Brain_Cerebellar_Hemisphere	3.039006157	
	0.042722339	0.84267669	-0.738229923		0.713030205	-0.241937289	
	0.64903553	2	0	0.998207054			
PHF23	ENSG00000040633.12	0.539356366	2	2	0.36814602		
	Brain_Spinal_cord_cervical_c-1	0.490483315					
	Brain_Anterior_cingulate_cortex_BA24	1.042591931			0.957408069		
	0.957408069	0.689540311	0.899951577		0.794745944	0.148783233	
	2	0	0.998207054				
FAM215B	ENSG00000232300.1	0.539364281	2	2	0.320085033		
	Brain_Cerebellum	0.461449387			Brain_Cerebellar_Hemisphere	1.927375767	
	0.072624233	0.072624233	-0.994283158		-0.736462326	-0.865372742	
	0.182306858	2	0	0.998207054			
AMPH	ENSG00000078053.16	0.539375362	1	1	0.539375362		Brain_Cortex
	0.539375362	Brain_Cortex	1	1	1	0.613757837	0.613757837
	0.613757837	NA	1	0	0.998207054		
VPS41	ENSG00000006715.15	0.539472614	7	5	0.344544719		
	Brain_Cerebellar_Hemisphere	0.953001349			Brain_Nucleus_accumbens_basal_ganglia		
	3.764587455	0.063871706	0.327380452		-0.67952622	0.945223629	
	0.099332853	0.64644892	5	0	0.998207054		

EPCAM	ENSG00000119888.10	0.539615106	12	1	0.368652844	Brain_Cortex
	0.756212446	Brain_Hypothalamus	11.25059744		0.001149496	
	11.25059744	0.310458326	0.898999656		0.593568628	0.198893737
	1	0	0.998207054			
RGMA	ENSG00000182175.13	0.539725789	5	5	0.10018252	Brain_Hypothalamus
	0.990657616	Brain_Cerebellar_Hemisphere	1.248414758		0.811522743	
	0.811522743	-0.40502173	1.643969417		0.51736456	0.837322292
	0	0.998207054				5
CUL2	ENSG00000108094.14	0.53975013	1	1	0.53975013	Brain_Cerebellum
	Brain_Cerebellum	1	1	0.613190886	0.613190886	0.613190886
	NA	1	0	0.998207054		
ZBTB18	ENSG00000179456.10	0.539772196	2	2	0.42793639	Brain_Amygdala
	0.458705166	Brain_Hippocampus	1.045298145		0.954701855	
	0.954701855	-0.740980661	0.792727868		0.025873604	1.084495702
	2	0	0.998207054			
KLF2	ENSG00000127528.5	0.539785197	1	1	0.539785197	Brain_Cortex
	0.539785197	Brain_Cortex	1	1	0.613137847	0.613137847
	0.613137847	NA	1	0	0.998207054	
C10orf107	ENSG00000183346.6	0.539823583	13	2	0.126574605	
	Brain_Substantia_nigra	0.411456391			Brain_Nucleus_accumbens_basal_ganglia	
	12.01610516	0.000374715	0.432457482		0.821333394	1.527750063
	1.070945653	0.193012243	2	0	0.998207054	
TANGO2	ENSG00000183597.15	0.539884113	3	3	0.303026567	
	Brain_Cerebellum	0.754035632			Brain_Cerebellar_Hemisphere	1.55540693
	0.420622482	0.420622482	-0.452897295		1.029964721	0.087914964
	0.818818409	3	0	0.998207054		
NRARP	ENSG00000198435.3	0.53993314	1	1	0.53993314	
	Brain_Anterior_cingulate_cortex_BA24	0.53993314				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.612914099	
	-0.612914099	-0.612914099	NA	1	0	0.998207054
HARBI1	ENSG00000180423.4	0.53998757	1	1	0.53998757	Brain_Hippocampus
	0.53998757	Brain_Hippocampus	1	1	0.612831788	0.612831788
	0.612831788	NA	1	0	0.998207054	
AC142472.6	ENSG00000276728.1	0.539999014	1	1	0.539999014	
	Brain_Hypothalamus	0.539999014			Brain_Hypothalamus	1
	-0.612814482	-0.612814482	-0.612814482		NA	1
					0	0.998207054
CLC	ENSG00000105205.6	0.540000761	1	1	0.540000761	
	Brain_Substantia_nigra	0.540000761			Brain_Substantia_nigra	1
	1	0.61281184	0.61281184	0.61281184	NA	1
					0	0.998207054
OS9	ENSG00000135506.15	0.540003439	1	1	0.540003439	
	Brain_Caudate_basal_ganglia	0.540003439			Brain_Caudate_basal_ganglia	1
	1	-0.61280779	-0.61280779	-0.61280779	NA	1
					0	0.998207054
SCNN1G	ENSG00000166828.2	0.540029512	3	2	0.239011003	
	Brain_Cerebellar_Hemisphere	0.725787901			Brain_Frontal_Cortex_BA9	
	2.003581049	0.02188641	0.974532541		-1.177462384	0.350734019
	-0.522637949	0.787190148	2	0	0.998207054	
KCTD4	ENSG00000180332.6	0.540188422	1	1	0.540188422	
	Brain_Nucleus_accumbens_basal_ganglia	0.540188422				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.612528086	
	-0.612528086	-0.612528086	NA	1	0	0.998207054
RP11-758N13.1	ENSG00000259721.1	0.540218071	1	1	0.540218071	
	Brain_Anterior_cingulate_cortex_BA24	0.540218071				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.612483258	
	0.612483258	0.612483258	NA	1	0	0.998207054
OTX1	ENSG00000115507.9	0.540273745	1	1	0.540273745	
	Brain_Caudate_basal_ganglia	0.540273745			Brain_Caudate_basal_ganglia	1
	1	-0.612399088	-0.612399088	-0.612399088	NA	1
					0	0.998207054
GRM8	ENSG00000179603.17	0.540280337	2	2	0.271760445	
	Brain_Putamen_basal_ganglia	0.406825843			Brain_Caudate_basal_ganglia	
	1.832109889	0.167890111	0.167890111		-1.099017473	-0.829492386

	-0.96425493	0.190583017	2	0	0.998207054		
MANSC4	ENSG00000205693.3	0.540360076	1	1	0.540360076		
	Brain_Cerebellar_Hemisphere	0.540360076			Brain_Cerebellar_Hemisphere1	1	
	1	0.612268578	0.612268578	0.612268578	NA	1	0
	0.998207054						
CLSTN1	ENSG00000171603.16	0.540502334	1	1	0.540502334		
	Brain_Cerebellum	0.540502334			Brain_Cerebellum1	1	1
	0.612053541	0.612053541	NA	1	0	0.998207054	0.612053541
CCDC58	ENSG00000160124.9	0.54056698	4	4	0.292278996		Brain_Cerebellum
	0.971761179	Brain_Frontal_Cortex_BA9	2.476360896		0.157357345		
	0.157357345	-1.053135279	0.447571454		-0.037067004		0.703128222
	4	0	0.998207054				
FBXL2	ENSG00000153558.13	0.54057305	2	2	0.269244885		Brain_Cerebellum
	0.485847764	Brain_Cerebellar_Hemisphere	1.694801193		0.305198807		
	0.305198807	-1.104803174	-0.696928144		-0.900865659		0.288411199
	2	0	0.998207054				
VAMP4	ENSG00000117533.14	0.540577567	7	7	0.128595068		Brain_Amygdala
	0.881533719	Brain_Nucleus_accumbens_basal_ganglia	3.063930147				
	0.119469578	0.119469578	-1.519665496		0.549684042		-0.313036946
	0.765557243	7	0	0.998207054			
PRKAB2	ENSG00000131791.7	0.540671917	3	3	0.223384691		
	Brain_Cortex	0.50324271	Brain_Cerebellar_Hemisphere	2.192457496		0.10633524	
	0.10633524	0.669396303	1.217577179		0.947529157		0.274179853
	0	0.998207054					3
CTTNBP2	ENSG00000077063.10	0.540712987	2	2	0.297378948		
	Brain_Putamen_basal_ganglia	0.712361921			Brain_Cerebellum	1.010108499	
	0.989891501	0.989891501	-1.042070601		-0.368685818		-0.705378209
	0.476154947	2	0	0.998207054			
LINC00533	ENSG00000235570.1	0.540730857	2	2	0.378530413		
	Brain_Cerebellum	0.732054314			Brain_Cerebellar_Hemisphere	1.823259138	
	0.176740862	0.176740862	0.342394119		0.880607286		0.611500703
	0.38057418	2	0	0.998207054			
PDS5A	ENSG00000121892.14	0.540749169	2	2	0.291152169		Brain_Cerebellum
	0.738966497	Brain_Amygdala	1.006015595		0.993984405		0.993984405
	-1.055597443	-0.333222285	-0.694409864		0.510796373		2
	0.998207054						0
SLC37A3	ENSG00000157800.17	0.540964517	6	6	0.055715176		
	Brain_Cortex	0.961570178	Brain_Putamen_basal_ganglia	2.071318199			
	0.237499949	0.237499949	-0.752109279		1.913256876		0.446183498
	0.87907534	6	0	0.998207054			
RAB6C	ENSG00000222014.5	0.540972173	10	9	0.066906307		
	Brain_Frontal_Cortex_BA9	0.960704746			Brain_Amygdala	2.776701895	
	1.34E-16	0.122188809	-0.715395143		1.832302886		0.29093471
	0.969501022	9	0	0.998207054			
RAB11FIP5	ENSG00000135631.16	0.541003869	2	2	0.278537812		
	Brain_Hippocampus	0.683725315			Brain_Cerebellum	1.163514466	
	0.836485534	0.836485534	-1.083609871		-0.407384901		-0.745497386
	0.478163262	2	0	0.998207054			
HMGXB4	ENSG00000100281.13	0.54112359	1	1	0.54112359		
	Brain_Anterior_cingulate_cortex_BA24	0.54112359					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.611114789		
	0.611114789	0.611114789	NA	1	0	0.998207054	
LINC01085	ENSG00000248698.5	0.541210509	5	5	0.076730069		
	Brain_Nucleus_accumbens_basal_ganglia	0.744475463					
	Brain_Anterior_cingulate_cortex_BA24	2.937774276			0.192420834		
	0.192420834	0.325932451	1.769982424		0.955556159		0.550807117
	5	0	0.998207054				
HPS3	ENSG00000163755.8	0.541379968	2	2	0.499857083		
	Brain_Cerebellar_Hemisphere	0.616552043			Brain_Cerebellum	1.432194096	
	0.567805904	0.567805904	-0.500742947		0.674714637		0.086985845
	0.831174029	2	0	0.998207054			
WDR38	ENSG00000136918.7	0.541409583	1	1	0.541409583		

	Brain_Anterior_cingulate_cortex_BA24	0.541409583					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.610682818		
	0.610682818	0.610682818	NA	1	0	0.998207054	
FDX2	ENSG00000267673.6	0.541473989	2	2	0.30279133	Brain_Cerebellum	
	0.653922627	Brain_Nucleus_accumbens_basal_ganglia	1.041133873				
	0.958866127	0.958866127	-0.448319503	1.030465946	0.291073221		
	1.045659219	2	0	0.998207054			
UBE2B	ENSG00000119048.7	0.54155512	2	2	0.288437035	Brain_Cortex	
	0.688325467	Brain_Nucleus_accumbens_basal_ganglia	1.081384021				
	0.918615979	0.918615979	-1.061556578	-0.401128571	-0.731342574		
	0.466993122	2	0	0.998207054			
KY	ENSG00000174611.11	0.541563834	3	3	0.342093022		
	Brain_Spinal_cord_cervical_c-1	0.937879489			Brain_Cerebellum	2.242770204	
	0.124373514	0.124373514	-0.950037848	-0.077935339	-0.509074375		
	0.436134252	3	0	0.998207054			
ASB1	ENSG00000065802.11	0.541637205	1	1	0.541637205	Brain_Cerebellum	
	0.541637205	Brain_Cerebellum	1	1	-0.610339094	-0.610339094	
	-0.610339094	NA	1	0	0.998207054		
SKIV2L2	ENSG00000039123.15	0.542032117	3	3	0.454217272		
	Brain_Cerebellar_Hemisphere	0.628826033			Brain_Spinal_cord_cervical_c-1		
	1.909638809	0.447458453	0.447458453	-0.748402737	0.556938281		
	-0.224948111	0.689977555	3	0	0.998207054		
ZUFSP	ENSG00000153975.9	0.542128263	3	3	0.271833981	Brain_Cortex	
	0.678012598	Brain_Nucleus_accumbens_basal_ganglia	2.524447244				
	0.224432963	0.224432963	-1.098848896	-0.415176641	-0.848859699		
	0.377040467	3	0	0.998207054			
SCFD1	ENSG00000092108.20	0.542153028	4	1	0.466024699		
	Brain_Cerebellar_Hemisphere	0.676234126			Brain_Anterior_cingulate_cortex_BA24		
	3.820664508	0.005340352	3.820664508	-0.728962341	-0.417607482		
	-0.595182352	0.142004367	1	0	0.998207054		
OMA1	ENSG00000162600.11	0.542202723	9	2	0.218788653		
	Brain_Frontal_Cortex_BA9	0.537077271			Brain_Caudate_basal_ganglia		
	8.171778443	0.001697956	0.488661042	-1.229755563	-0.617238733		
	-1.018627885	0.182980075	2	0	0.998207054		
LNPB	ENSG00000144320.13	0.542250949	8	6	0.205605938		
	Brain_Caudate_basal_ganglia	0.826735517			Brain_Cortex	5.304283868	
	0.016930989	0.194871184	-1.265740683	1.019853451	0.390502053		
	0.72055816	6	0	0.998207054			
MTBP	ENSG00000172167.7	0.542256995	12	2	0.137317056		
	Brain_Spinal_cord_cervical_c-1	0.566518749			Brain_Substantia_nigra		
	10.85438471	0.001900221	0.844787562	0.57318602	1.485856596		
	1.02931156	0.26006135	2	0	0.998207054		
PICSA	ENSG00000275874.1	0.542338407	6	6	0.445685524		
	Brain_Hypothalamus	0.962314179			Brain_Substantia_nigra	3.822663947	
	0.154322835	0.154322835	-0.585819428	0.762627592	-0.055173115		
	0.473518654	6	0	0.998207054			
TRPC4	ENSG00000133107.14	0.542406823	2	2	0.269706166		
	Brain_Caudate_basal_ganglia	0.986821006			Brain_Cortex	1.050516636	
	0.949483364	0.949483364	-1.103739476	0.01651817	-0.543610653		
	0.792141778	2	0	0.998207054			
PTGER4P2-CDK2AP2P2	ENSG00000275450.1	0.54261395	1	1	0.54261395		
	Brain_Cerebellum	0.54261395	Brain_Cerebellum	1	1	1	-0.608864963
	-0.608864963	-0.608864963	NA	1	0	0.998207054	
CNTNAP3B	ENSG00000154529.14	0.54261395	10	1	0.54261395	Brain_Cerebellum	
	0.54261395	Brain_Cortex	10	1.63E-17	10	-0.608864963	0.608864963
	-0.243545985	0.588219438	1	0	0.998207054		
FAM95B1	ENSG00000223839.7	0.54261395	1	1	0.54261395		
	Brain_Nucleus_accumbens_basal_ganglia	0.54261395					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.608864963		
	0.608864963	0.608864963	NA	1	0	0.998207054	
RP11-58A12.3	ENSG00000225655.5	0.54261395	1	1	0.54261395		
	Brain_Caudate_basal_ganglia	0.54261395	Brain_Caudate_basal_ganglia	1	1	1	

	-0.608864963	-0.608864963	-0.608864963	NA	1	0	0.998207054
BX255923.3	ENSG00000276462.1	0.54261395	1	1	0.54261395		
	Brain_Frontal_Cortex_BA9	0.54261395	Brain_Frontal_Cortex_BA9	1	1	1	
	-0.608864963	-0.608864963	-0.608864963	NA	1	0	0.998207054
CBWD7	ENSG00000215126.10	0.54261395	2	1	0.54261395	Brain_Cerebellar_Hemisphere	
	0.54261395	Brain_Cerebellar_Hemisphere2	3.35E-17	2	-0.608864963		
	-0.608864963	-0.608864963	0	1	0	0.998207054	
FOXD4L6	ENSG00000273514.1	0.54261395	3	1	0.54261395		
	Brain_Cerebellar_Hemisphere	0.54261395	Brain_Cortex	3	2.11E-48	3	
	-0.608864963	0.608864963	-0.202954988	0.703056701	1	0	
	0.998207054						
MRPL11	ENSG00000174547.13	0.542796443	1	1	0.542796443		
	Brain_Cortex	0.542796443	Brain_Cortex	1	1	1	-0.608589686
	-0.608589686	-0.608589686	NA	1	0	0.998207054	
CLEC4E	ENSG00000166523.7	0.54283038	1	1	0.54283038		
	Brain_Substantia_nigra	0.54283038	Brain_Substantia_nigra	1	1	1	
	-0.608538499	-0.608538499	-0.608538499	NA	1	0	0.998207054
SS18	ENSG00000141380.13	0.542896848	2	2	0.343894766		
	Brain_Cerebellar_Hemisphere	0.468330916	Brain_Frontal_Cortex_BA9	1.17212448			
	0.82787552	0.82787552	-0.946497756	-0.725197435	-0.835847596		
	0.156482957	2	0	0.998207054			
MALSU1	ENSG00000156928.4	0.542943647	1	1	0.542943647		
	Brain_Amygdala	0.542943647	Brain_Amygdala	1	1	1	0.608367674
	0.608367674	0.608367674	NA	1	0	0.998207054	
SELENOI	ENSG00000138018.17	0.543030657	2	2	0.275220651		
	Brain_Nucleus_accumbens_basal_ganglia	0.992560744	Brain_Cerebellum				
	1.150060684	0.849939316	0.849939316	0.00932386	1.091118711		
	0.550221285	0.764944475	2	0	0.998207054		
SIVA1	ENSG00000184990.12	0.543101523	6	4	0.36031562		
	Brain_Cerebellar_Hemisphere	0.90884826	Brain_Anterior_cingulate_cortex_BA24				
	4.464436194	0.019819208	0.222718542	-0.386354816	0.914763843		
	0.333106847	0.483890665	4	0	0.998207054		
EHD4	ENSG00000103966.10	0.543317333	9	5	0.091841679	Brain_Cerebellum	
	0.942218874	Brain_Nucleus_accumbens_basal_ganglia	5.1443692	0.005868094			
	0.282106712	-0.151056036	1.685761849	0.48555887	0.665350352	5	
	0	0.998207054					
DDI2	ENSG00000197312.11	0.543329086	4	3	0.223352542		
	Brain_Anterior_cingulate_cortex_BA24	0.878179885	Brain_Hippocampus				
	1.983328181	0.043119044	0.897898933	-1.21766174	-0.15327694		
	-0.722010819	0.458905456	3	0	0.998207054		
SMIM19	ENSG00000176209.11	0.543331772	13	1	0.314955142		
	Brain_Hypothalamus	0.750300972	Brain_Cerebellum	12.26488556			
	0.000364645	12.26488556	0.318242533	1.00487895	0.58900809		
	0.195253948	1	0	0.998207054			
TNIK	ENSG00000154310.16	0.543438193	1	1	0.543438193		
	Brain_Frontal_Cortex_BA9	0.543438193	Brain_Frontal_Cortex_BA9	1	1		
	1	-0.607622019	-0.607622019	-0.607622019	NA	1	0
	0.998207054						
XXbac-BPG181B23.7	ENSG00000272221.1	0.543520144	13	5	0.064596865		
	Brain_Frontal_Cortex_BA9	0.676853746	Brain_Cerebellum	9.543701614			
	0.009288364	0.389849899	-1.84803787	-0.416760296	-1.062524103		
	0.39450113	5	0	0.998207054			
PARP4	ENSG00000102699.5	0.543713635	1	1	0.543713635		
	Brain_Caudate_basal_ganglia	0.543713635	Brain_Caudate_basal_ganglia	1	1		
	1	0.607206868	0.607206868	0.607206868	NA	1	0
	0.998207054						
NSUN7	ENSG00000179299.16	0.543760063	2	2	0.278397373		
	Brain_Hypothalamus	0.844266541	Brain_Anterior_cingulate_cortex_BA24				
	1.011391826	0.988608174	0.988608174	0.196439041	1.083926536		
	0.640182789	0.627548426	2	0	0.998207054		
DRC1	ENSG00000157856.10	0.543766263	3	3	0.270080018	Brain_Cortex	
	0.721799046	Brain_Cerebellum	1.805796037	0.356842981	0.356842981		

	-0.539483348	1.102878302	0.306483465	0.822302246	3	0
	0.998207054					
LRRC43	ENSG00000158113.12	0.543956381	6	6	0.261639543	
	Brain_Cerebellum	0.92780442	Brain_Caudate_basal_ganglia	2.067017771		
	0.335980878	0.335980878	-0.923413872	1.122524391	-0.149375094	
	0.705275292	6	0	0.998207054		
DDX55	ENSG00000111364.15	0.544095835	13	2	0.580188205	
	Brain_Anterior_cingulate_cortex_BA24	0.971546814				
	Brain_Nucleus_accumbens_basal_ganglia	11.63824816		0.000258687		
	0.551601043	-0.540737136	0.553109832	0.084249295	0.274352249	
	2	0	0.998207054			
HLA-B	ENSG00000234745.10	0.544110271	13	9	0.191424328	
	Brain_Caudate_basal_ganglia	0.991706739	Brain_Hypothalamus	6.59258334		
	0.064059682	0.303625113	-1.306377162	1.292704634	-0.249801632	
	0.73013317	9	0	0.998207054		
RP11-569G13.2	ENSG00000237212.1	0.544136485	3	3	0.14737079	
	Brain_Cerebellar_Hemisphere	0.367960409	Brain_Hypothalamus	2.463846524		
	0.166417756	0.166417756	0.900300399	1.4488811	1.13108292	
	0.284453846	3	0	0.998207054		
IRF1	ENSG00000125347.13	0.544250266	1	1	0.544250266	
	Brain_Nucleus_accumbens_basal_ganglia	0.544250266				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.606398347	
	0.606398347	0.606398347	NA	1	0	0.998207054
PPOX	ENSG00000143224.17	0.544344129	6	5	0.490966118	
	Brain_Cerebellar_Hemisphere	0.979523975	Brain_Caudate_basal_ganglia			
	4.016382843	0.025840323	0.17674211	-0.688773017	0.655188408	
	0.055498471	0.488907544	5	0	0.998207054	
SCGN	ENSG00000079689.13	0.544369849	2	2	0.271353782	
	Brain_Putamen_basal_ganglia	0.721111255	Brain_Cortex	1.391270455		
	0.608729545	0.608729545	-0.35697402	1.099950288	0.371488134	
	1.030201058	2	0	0.998207054		
TNKS2	ENSG00000107854.5	0.544455921	2	2	0.611625769	
	Brain_Frontal_Cortex_BA9	0.709661264	Brain_Cerebellar_Hemisphere			
	1.680078709	0.319921291	0.319921291	-0.507754148	0.372311061	
	-0.067721543	0.622300078	2	0	0.998207054	
DLG2	ENSG00000150672.16	0.544536847	1	1	0.544536847	
	Brain_Cerebellar_Hemisphere	0.544536847	Brain_Cerebellar_Hemisphere	1	1	
	1	0.605966729	0.605966729	0.605966729	NA	1
	0.998207054				0	
MCAM	ENSG00000076706.16	0.544554271	2	1	0.509202941	Brain_Cerebellum
	0.581532114	Brain_Cerebellar_Hemisphere	1.99784354	0.00215646	1.99784354	
	-0.660079302	-0.55114816	-0.605613731	0.077025949	1	0
	0.998207054					
L2HGDH	ENSG00000087299.11	0.544655292	3	3	0.187467594	
	Brain_Caudate_basal_ganglia	0.700761473	Brain_Cerebellum	2.336897554		
	0.081474564	0.081474564	-1.31810771	-0.38429276	-0.757108103	
	0.494532687	3	0	0.998207054		
ZNF331	ENSG00000130844.16	0.544678397	2	1	0.538342203	
	Brain_Cerebellum	0.555736575	Brain_Cerebellar_Hemisphere	1.97695692	0.02304308	
	1.97695692	-0.615321831	-0.589185899	-0.602253865	0.018480895	1
	0	0.998207054				
PGLS	ENSG00000130313.6	0.544713023	1	1	0.544713023	
	Brain_Hypothalamus	0.544713023	Brain_Hypothalamus	1	1	1
	0.605701447	0.605701447	0.605701447	NA	1	0
	0.998207054					
EEF1B2	ENSG00000114942.13	0.544820423	1	1	0.544820423	
	Brain_Hypothalamus	0.544820423	Brain_Hypothalamus	1	1	1
	0.605539747	0.605539747	0.605539747	NA	1	0
	0.998207054					
SMTNL2	ENSG00000188176.11	0.544826862	1	1	0.544826862	
	Brain_Hippocampus	0.544826862	Brain_Hippocampus	1	1	1
	0.605530053	0.605530053	0.605530053	NA	1	0
	0.998207054					
ADSL	ENSG00000239900.12	0.544827737	5	5	0.167770022	
	Brain_Cerebellar_Hemisphere	0.937672692	Brain_Nucleus_accumbens_basal_ganglia			

	2.048403932	0.189847863	0.189847863	-1.379404664	0.555887981			
	-0.227872611	0.774050113	5	0	0.998207054			
IQUB	ENSG00000164675.10	0.544866441	1	1	0.544866441			
	Brain_Substantia_nigra	0.544866441			Brain_Substantia_nigra	1	1	
	1	-0.605470469	-0.605470469	-0.605470469	NA	1	0	
	0.998207054							
NEO1	ENSG00000067141.16	0.5449932	1	1	0.5449932	Brain_Amygdala	0.5449932	
	Brain_Amygdala	1	1	1	0.60527965	0.60527965	0.60527965	NA
	1	1	1	0			1	0
	0.998207054							
URB1-AS1	ENSG00000256073.3	0.5451517	7	4	0.106547716			
	Brain_Hypothalamus	0.660502936			Brain_Amygdala	5.104613693		
	0.002638111	0.292209315	-0.979270664	1.613906467	-0.293895916			
	0.860130949	4	0	0.998207054				
RP11-231C18.1	ENSG00000248184.1	0.545318584	10	3	0.141361709			
	Brain_Anterior_cingulate_cortex_BA24	0.949700497			Brain_Cerebellum			
	7.649668265	0.009880893	0.310748991	-1.47073902	-0.063082893			
	-0.754821223	0.453334775	3	0	0.998207054			
KIAA1211	ENSG00000109265.13	0.545356089	3	3	0.194608577			
	Brain_Cerebellar_Hemisphere	0.382279275			Brain_Spinal_cord_cervical_c-1			
	2.781086094	0.102156194	0.102156194	-1.297065715	-0.873704362			
	-1.105406289	0.214502355	3	0	0.998207054			
BARX2	ENSG00000043039.6	0.545356903	1	1	0.545356903			
	Brain_Hippocampus	0.545356903			Brain_Hippocampus	1	1	1
	-0.60473227	-0.60473227	-0.60473227	NA	1	0	0.998207054	
RGS8	ENSG00000135824.12	0.545501012	1	1	0.545501012	Brain_Cortex		
	0.545501012	Brain_Cortex	1	1	1	-0.604515433	-0.604515433	
	-0.604515433	NA	1	0	0.998207054			
MUC20	ENSG00000176945.16	0.545639038	13	7	0.077112279			
	Brain_Nucleus_accumbens_basal_ganglia	0.757785723			Brain_Frontal_Cortex_BA9			
	7.158230303	0.016266842	0.270030766	-1.351728775	1.767692769			
	0.799997218	0.978255916	7	0	0.998207054			
AKAIN1	ENSG00000231824.3	0.545759742	1	1	0.545759742			
	Brain_Cerebellum	0.545759742			Brain_Cerebellum	1	1	0.6041262
	0.6041262	0.6041262	NA	1	0	0.998207054		
PTX4	ENSG00000251692.7	0.545791711	1	1	0.545791711			
	Brain_Hypothalamus	0.545791711			Brain_Hypothalamus	1	1	1
	0.604078112	0.604078112	0.604078112	NA	1	0	0.998207054	
TPK1	ENSG00000196511.14	0.545833878	1	1	0.545833878			
	Brain_Frontal_Cortex_BA9	0.545833878			Brain_Frontal_Cortex_BA9	1	1	
	1	0.604014686	0.604014686	0.604014686	NA	1	0	
	0.998207054							
APOBEC3C	ENSG00000244509.3	0.545835235	7	7	0.057942106			
	Brain_Hippocampus	0.873978872			Brain_Putamen_basal_ganglia	1.617922644		
	0.539830574	0.539830574	-1.896135674	0.235987171	-0.57170393			
	0.810896604	7	0	0.998207054				
LYRM9	ENSG00000232859.9	0.545860279	13	2	0.180801598	Brain_Amygdala		
	0.599228789	Brain_Spinal_cord_cervical_c-1			11.42755876	6.39E-05		
	0.573215631	0.525509877	1.338290988	0.985294542	0.209402622			
	2	0	0.998207054					
LRRC7	ENSG00000033122.18	0.545948581	1	1	0.545948581			
	Brain_Frontal_Cortex_BA9	0.545948581			Brain_Frontal_Cortex_BA9	1	1	
	1	0.603842168	0.603842168	0.603842168	NA	1	0	
	0.998207054							
IL2RA	ENSG00000134460.15	0.54596685	2	2	0.326724094	Brain_Hypothalamus		
	0.626903606	Brain_Spinal_cord_cervical_c-1			1.012667817	0.987332183		
	0.987332183	-0.486089649	0.980733673	0.247322012	1.037200718			
	2	0	0.998207054					
MTFR1L	ENSG00000117640.17	0.546039961	5	5	0.074235952			
	Brain_Caudate_basal_ganglia	0.936680837			Brain_Anterior_cingulate_cortex_BA24			
	2.828316997	0.136630204	0.136630204	0.079442284	1.785156401			
	1.125653189	0.645958291	5	0	0.998207054			
CHAC1	ENSG00000128965.11	0.546092902	1	1	0.546092902			

	Brain_Hypothalamus	0.546092902		Brain_Hypothalamus	1	1	1	
	-0.603625129	-0.603625129	-0.603625129	NA	1	0	0.998207054	
LARP1B	ENSG00000138709.17	0.546322472	2	2	0.476885576			
	Brain_Frontal_Cortex_BA9	0.86125648	Brain_Cortex	1.650060338				
	0.349939662	0.349939662	-0.17477494	0.711320621	0.26827284			
	0.62656418	2	0	0.998207054				
UNC50	ENSG00000115446.11	0.54632986	1	1	0.54632986			
	Brain_Anterior_cingulate_cortex_BA24	0.54632986						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.603268838			
	-0.603268838	-0.603268838	NA	1	0	0.998207054		
KLHL29	ENSG00000119771.14	0.546361125	1	1	0.546361125			
	Brain_Cortex	0.546361125	Brain_Cortex	1	1	1	0.603221834	
	0.603221834	0.603221834	NA	1	0	0.998207054		
OXCT1	ENSG00000083720.12	0.546363426	1	1	0.546363426			
	Brain_Spinal_cord_cervical_c-1	0.546363426	Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.603218374	-0.603218374	-0.603218374	NA	1
	0.998207054							0
GAB2	ENSG00000033327.12	0.546396058	2	2	0.278144327		Brain_Cerebellum	
	0.319070735	Brain_Cerebellar_Hemisphere	1.824371765	0.175628235				
	0.175628235	0.996369317	1.084497382	1.04043335	0.062315952			2
	0	0.998207054						
NOS1	ENSG00000089250.18	0.546477499	7	5	0.119708021		Brain_Amygdala	
	0.933322816	Brain_Nucleus_accumbens_basal_ganglia	3.818170027					
	0.062411981	0.205170473	-1.556000298	0.426901576	-0.687870155			
	0.677385027	5	0	0.998207054				
ACTL8	ENSG00000117148.7	0.54650061	1	1	0.54650061		Brain_Frontal_Cortex_BA9	
	0.54650061	Brain_Frontal_Cortex_BA9	1	1	1	0.603012145		
	0.603012145	0.603012145	NA	1	0	0.998207054		
CPEB3	ENSG00000107864.14	0.546504527	2	2	0.279509398			
	Brain_Anterior_cingulate_cortex_BA24	0.888010323	Brain_Cerebellar_Hemisphere					
	1.052035179	0.947964821	0.947964821	-1.081422094	0.140822304			
	-0.470299895	0.864257302	2	0	0.998207054			
NLGN1	ENSG00000169760.17	0.546606114	1	1	0.546606114			
	Brain_Substantia_nigra	0.546606114	Brain_Substantia_nigra	1	1			
	1	0.602853557	0.602853557	0.602853557	NA	1	0	
	0.998207054							
BEST2	ENSG00000039987.6	0.546764326	1	1	0.546764326			
	Brain_Frontal_Cortex_BA9	0.546764326	Brain_Frontal_Cortex_BA9	1	1			
	1	0.602615772	0.602615772	0.602615772	NA	1	0	
	0.998207054							
C1orf112	ENSG00000000460.16	0.547035472	6	6	0.317114036			
	Brain_Putamen_basal_ganglia	0.854085628	Brain_Cortex	2.915489623				
	0.152122933	0.152122933	-0.942329832	1.000406065	-0.189973027			
	0.731812452	6	0	0.998207054				
C19orf60	ENSG00000006015.17	0.547039996	1	1	0.547039996			
	Brain_Amygdala	0.547039996	Brain_Amygdala	1	1	1	0.602201532	
	0.602201532	0.602201532	NA	1	0	0.998207054		
SCUBE3	ENSG00000146197.8	0.547230617	1	1	0.547230617			
	Brain_Nucleus_accumbens_basal_ganglia	0.547230617						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.601915153			
	-0.601915153	-0.601915153	NA	1	0	0.998207054		
RP11-479G22.8	ENSG00000273038.2	0.547318839	12	2	0.299339642			
	Brain_Putamen_basal_ganglia	0.983764376	Brain_Hippocampus	10.44026824				
	0.001549392	0.619753192	-0.894762296	1.037850542	0.285395081			
	0.46179748	2	0	0.998207054				
KCNJ16	ENSG00000153822.13	0.547403902	5	5	0.139107158			
	Brain_Substantia_nigra	0.943281023	Brain_Cerebellum	1.538035957				
	0.600269119	0.600269119	-0.380913015	1.479124069	0.639258474			
	0.771362804	5	0	0.998207054				
ILF3-AS1	ENSG00000267100.1	0.547585642	5	3	0.326183673			
	Brain_Frontal_Cortex_BA9	0.598114018	Brain_Putamen_basal_ganglia					
	3.528213419	0.021830901	0.225027469	-0.698811052	0.981829864			

RTN4R	ENSG00000040608.13	0.547675859	1	1	0.547675859				
	Brain_Cerebellar_Hemisphere	0.547675859			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.601246438	-0.601246438	-0.601246438	NA	1	0		
	0.998207054								
SLC25A45	ENSG00000162241.12	0.54768632	1	1	0.54768632	Brain_Amygdala			
	0.54768632	Brain_Amygdala	1	1	0.601230729	0.601230729			
	0.601230729	NA	1	0	0.998207054				
ALG2	ENSG00000119523.9	0.547734343	1	1	0.547734343				
	Brain_Spinal_cord_cervical_c-1	0.547734343			Brain_Spinal_cord_cervical_c-1				
	1	1	0.601158619	0.601158619	0.601158619	NA	1	0	
	0.998207054								
PFKFB4	ENSG00000114268.11	0.547747388	3	2	0.069245779				
	Brain_Hypothalamus	0.589137477			Brain_Cerebellar_Hemisphere	2.813427293			
	0.074399039	0.112173668	0.54008636	1.816812821	1.042705656				
	0.680284397	2	0	0.998207054					
RP11-332J15.4	ENSG00000272071.1	0.547851477	1	1	0.547851477				
	Brain_Frontal_Cortex_BA9	0.547851477			Brain_Frontal_Cortex_BA9	1	1		
	1	0.600982748	0.600982748	0.600982748	NA	1	0		
	0.998207054								
1-Mar	ENSG00000186205.12	0.547979552	2	2	0.492541972				
	Brain_Caudate_basal_ganglia	0.708217126			Brain_Putamen_basal_ganglia				
	1.519767429	0.480232571	0.480232571	-0.686271413	0.374251615				
	-0.156009899	0.749903025	2	0	0.998207054				
ZNF200	ENSG00000010539.11	0.548038929	6	6	0.208678283				
	Brain_Cerebellum	0.849238898			Brain_Spinal_cord_cervical_c-1	2.49178714			
	0.188954484	0.188954484	-0.224162289	1.257208123	0.536008599				
	0.603484368	6	0	0.998207054					
EIF2AK1	ENSG00000086232.12	0.5480906	12	7	0.168939151				
	Brain_Putamen_basal_ganglia	0.800851732			Brain_Spinal_cord_cervical_c-1				
	6.824002252	0.008186504	0.284961423	-1.013756871	1.375620518				
	0.698038141	0.701214952	7	0	0.998207054				
LINC01819	ENSG00000231826.5	0.548140437	2	2	0.408869858				
	Brain_Cortex	0.430309594			Brain_Caudate_basal_ganglia	1.084621402			
	0.915378598	0.915378598	-0.825884069	-0.788661982	-0.807273026				
	0.02631999	2	0	0.998207054					
RASGEF1C	ENSG00000146090.15	0.548289266	4	4	0.156832286				
	Brain_Cortex	0.90738577	Brain_Cerebellum	2.012078002	0.068408273				
	0.068408273	-1.415806089	0.212122872	-0.398111491	0.707879972				
	4	0	0.998207054						
EPPK1	ENSG00000261150.2	0.548335394	3	3	0.314677111				
	Brain_Caudate_basal_ganglia	0.615345832			Brain_Cerebellar_Hemisphere				
	1.297175948	0.820223727	0.820223727	-0.50245737	1.005456448				
	0.43785445	0.820143572	3	0	0.998207054				
RAP2A	ENSG00000125249.6	0.548370724	1	1	0.548370724				
	Brain_Frontal_Cortex_BA9	0.548370724			Brain_Frontal_Cortex_BA9	1	1		
	1	0.600203346	0.600203346	0.600203346	NA	1	0		
	0.998207054								
GNA14	ENSG00000156049.6	0.548394343	3	3	0.173351694				
	Brain_Hypothalamus	0.88963198	Brain_Substantia_nigra	1.26936273					
	0.777416408	0.777416408	-0.1387699	1.361512792	0.562629711				
	0.754877016	3	0	0.998207054					
SLC38A8	ENSG00000166558.10	0.548572198	4	4	0.28478238				
	Brain_Hippocampus	0.621881318			Brain_Cortex	2.270843702			
	0.356337494	0.356337494	-0.63780442	1.069637786	-0.152512743				
	0.816941705	4	0	0.998207054					
PROK1	ENSG00000143125.5	0.548700795	1	1	0.548700795				
	Brain_Putamen_basal_ganglia	0.548700795			Brain_Putamen_basal_ganglia	1	1		
	1	-0.599708091	-0.599708091	-0.599708091	NA	1	0		
	0.998207054								
ZNF213	ENSG00000085644.13	0.548735404	5	4	0.195093427				
	Brain_Caudate_basal_ganglia	0.907286984			Brain_Hippocampus	3.239001548			

	0.003539039	0.222038702	-0.176873603	1.295657739	0.644598048
	0.731597348	4	0	0.998207054	
ZNF24	ENSG00000172466.15	0.54875958	1	1	0.54875958 Brain_Cortex 0.54875958
	Brain_Cortex	1	1	1	-0.599619902 -0.599619902 -0.599619902
	NA	1	0	0.998207054	
RFK	ENSG00000135002.11	0.548760526	4	4	0.10242761
	Brain_Putamen_basal_ganglia	0.824393876			Brain_Cerebellar_Hemisphere
	2.416985884	0.19111993	0.19111993	-0.814318332	1.633196815
	0.029200416	1.096486257	4	0	0.998207054
PAFAH2	ENSG00000158006.13	0.548780202	2	2	0.305906927
	Brain_Cerebellum	0.471100556			Brain_Cerebellar_Hemisphere 1.882735795
	0.117264205	0.117264205	-1.023848312	-0.72068953	-0.872268921
	0.214365631	2	0	0.998207054	
SGSM1	ENSG00000167037.18	0.548851213	2	2	0.281410751 Brain_Cerebellum
	0.456487279	Brain_Cerebellar_Hemisphere	1.801715799	0.198284201	
	0.198284201	-1.077155615	-0.744643475	-0.910899545	0.235121589
	2	0	0.998207054		
TREML4	ENSG00000188056.11	0.548855813	1	1	0.548855813
	Brain_Spinal_cord_cervical_c-1	0.548855813			Brain_Spinal_cord_cervical_c-1
	1	1	1	0.599475545	0.599475545 0.599475545 NA 1 0
	0.998207054				
SERF1B	ENSG00000205572.9	0.548934778	12	2	0.540698268
	Brain_Hippocampus	0.984972203			Brain_Putamen_basal_ganglia 10.64773277
	0.002642978	0.476247939	-0.284964556	0.611757415	0.114256853
	0.276704929	2	0	0.998207054	
EP300	ENSG00000100393.12	0.548955028	3	3	0.269004595 Brain_Cerebellum
	0.67719171	Brain_Substantia_nigra	1.542096408	0.327570142	
	0.327570142	-1.105357769	0.416298336	-0.573853453	0.858270035
	3	0	0.998207054		
PIGN	ENSG00000197563.10	0.549152391	11	4	0.105356478 Brain_Cerebellum
	0.935998328	Brain_Hypothalamus	8.049245404	0.003149409	
	0.642402041	-1.619422087	0.080300415	-0.467804761	0.429096743
	4	0	0.998207054		
RP11-114G11.5	ENSG00000260653.5	0.549215446	6	4	0.115996062
	Brain_Anterior_cingulate_cortex_BA24	0.306252229			Brain_Cerebellar_Hemisphere
	4.094643144	0.004600551	0.144599726	-1.571803792	-1.023117636
	-1.190413126	0.208861178	4	0	0.998207054
PNPLA5	ENSG00000100341.11	0.549227025	8	6	0.107489325
	Brain_Anterior_cingulate_cortex_BA24	0.985415203			Brain_Cerebellum
	4.651950886	0.046693688	0.254349119	-1.609581155	-0.01828035
	-0.723853694	0.536253262	6	0	0.998207054
CLEC5A	ENSG00000258227.6	0.549254161	2	2	0.499823493
	Brain_Frontal_Cortex_BA9	0.642184515			Brain_Nucleus_accumbens_basal_ganglia
	1.451365425	0.548634575	0.548634575	-0.674767498	0.464646655
	-0.105060421	0.805687474	2	0	0.998207054
CDH8	ENSG00000150394.13	0.549402355	2	2	0.276618022
	Brain_Nucleus_accumbens_basal_ganglia	0.679168681			Brain_Amygdala
	1.274784298	0.725215702	0.725215702	-0.413597805	1.087948095
	0.337175145	1.061753289	2	0	0.998207054
WDTC1	ENSG00000142784.15	0.549433131	1	1	0.549433131 Brain_Cortex
	0.549433131	Brain_Cortex	1	1	1
	0.598609783	NA	1	0	0.998207054
IBSP	ENSG00000029559.6	0.549505328	4	4	0.339831968 Brain_Amygdala
	0.984741554	Brain_Frontal_Cortex_BA9	2.613263631	0.204441914	
	0.204441914	0.019124792	0.954497315	0.512202906	0.490086286
	4	0	0.998207054		
WRB	ENSG00000182093.14	0.549881381	8	5	0.182867532
	Brain_Caudate_basal_ganglia	0.963924779			Brain_Putamen_basal_ganglia
	5.721296841	0.038235516	0.265717121	-0.45163051	1.331977651
	0.2221833	0.589443773	5	0	0.998207054
GEMIN7	ENSG00000142252.10	0.549939433	12	4	0.188677527
	Brain_Frontal_Cortex_BA9	0.981348708			Brain_Anterior_cingulate_cortex_BA24

	8.580683582	0.000796965	0.348939789	-1.3145014	0.34020262				
	-0.380096174	0.45190621	4	0	0.998207054				
PSTPIP2	ENSG00000152229.18	0.550085747	1	1	0.550085747				
	Brain_Caudate_basal_ganglia	0.550085747			Brain_Caudate_basal_ganglia	1	1		
	1	-0.597631641	-0.597631641	-0.597631641	NA	1	0		
	0.998207054								
CD247	ENSG00000198821.10	0.550218398	4	4	0.155625311				
	Brain_Anterior_cingulate_cortex_BA24	0.921151877			Brain_Caudate_basal_ganglia				
	1.21004585	0.829227485	0.829227485	0.098982863	1.419939445				
	0.785274737	0.603302676	4	0	0.998207054				
F2	ENSG00000180210.14	0.55025477	2	2	0.279144801				
	Brain_Cerebellar_Hemisphere	0.547717387			Brain_Cerebellum	1.427445934			
	0.572554066	0.572554066	-1.082242471	-0.601184079	-0.841713275				
	0.340159651	2	0	0.998207054					
SNRPC	ENSG00000124562.9	0.550289078	10	2	0.541479145				
	Brain_Hypothalamus	0.930006521			Brain_Cerebellum	8.794967212	0.00220946		
	0.669700704	-0.610577767	0.418484719	0.202579177	0.323864617				
	2	0	0.998207054						
RP5-978I12.1	ENSG00000260951.1	0.550388137	1	1	0.550388137				
	Brain_Nucleus_accumbens_basal_ganglia	0.550388137							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.597178613				
	-0.597178613	-0.597178613	NA	1	0	0.998207054			
AKAP1	ENSG00000121057.12	0.550448362	4	3	0.217702344			Brain_Cerebellum	
	0.791247938	Brain_Frontal_Cortex_BA9	2.63016514	0.078338876					
	0.337960811	-1.232660797	0.578869438	0.0099703	0.838298182			3	
	0	0.998207054							
SPEF1	ENSG00000101222.12	0.550455968	2	2	0.343843849				
	Brain_Nucleus_accumbens_basal_ganglia	0.58873648							
	Brain_Anterior_cingulate_cortex_BA24	1.005482496			0.994517504				
	0.994517504	-0.54066794	0.946597636	0.202964848	1.051655574				
	2	0	0.998207054						
FOXH1	ENSG00000160973.7	0.550648062	1	1	0.550648062				
	Brain_Caudate_basal_ganglia	0.550648062			Brain_Caudate_basal_ganglia	1	1		
	1	0.5967893	0.5967893	0.5967893	NA	1	0	0.998207054	
RP11-110I1.12	ENSG00000255121.2	0.550664436	1	1	0.550664436				
	Brain_Anterior_cingulate_cortex_BA24	0.550664436							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.596764779				
	0.596764779	0.596764779	NA	1	0	0.998207054			
LINC00551	ENSG00000272274.1	0.550687316	6	5	0.124516363				
	Brain_Nucleus_accumbens_basal_ganglia	0.98271657			Brain_Cortex	2.001375664			
	0.005754208	0.895463024	-1.314837537	1.536089778	-0.003929095				
	0.920217508	5	0	0.998207054					
SLC17A5	ENSG00000119899.12	0.550711891	1	1	0.550711891				
	Brain_Spinal_cord_cervical_c-1	0.550711891			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.596693713	-0.596693713	-0.596693713	NA	1	0
	0.998207054								
RP11-274B21.10	ENSG00000271553.1	0.550745148	12	5	0.056602297				
	Brain_Frontal_Cortex_BA9	0.747133866			Brain_Hippocampus	8.607821668			
	0.01318933	0.332090361	-1.90636939	-0.322420883	-1.020749777				
	0.532952346	5	0	0.998207054					
INO80B	ENSG00000115274.14	0.550773161	3	3	0.265424793				
	Brain_Putamen_basal_ganglia	0.816145898			Brain_Cortex	2.464178595			
	0.198042135	0.198042135	-1.113660658	-0.232504879	-0.799605997				
	0.49207038	3	0	0.998207054					
KIF25	ENSG00000125337.16	0.550794754	13	10	0.147214277				
	Brain_Caudate_basal_ganglia	0.983458897			Brain_Hippocampus	5.733461375			
	9.38E-06	0.264367793	-0.293567313	1.449441676	0.510466174				
	0.599749108	10	0	0.998207054					
ABCA5	ENSG00000154265.15	0.550927467	3	3	0.31484529				
	Brain_Putamen_basal_ganglia	0.921014047			Brain_Cerebellum	2.466351923			
	0.180669193	0.180669193	-1.005107082	0.099156457	-0.473864332				
	0.553315953	3	0	0.998207054					

ACSS1	ENSG00000154930.14	0.550970908	4	4	0.481568321			
	Brain_Cerebellar_Hemisphere	0.832361046			Brain_Cerebellum	1.941180988		
	0.186949021	0.186949021			0.211674419			-0.371427846
	0.416570643	4	0	0.998207054				
GPR108	ENSG00000125734.15	0.551026618	13	1	0.316232276			
	Brain_Hippocampus	0.851061155			Brain_Nucleus_accumbens_basal_ganglia			
	12.22500816	2.22E-16	12.22500816		0.187764641			1.002230509
	0.577038851	0.197302417	1	0	0.998207054			
MS4A7	ENSG00000166927.12	0.551094813	2	2	0.331751628			
	Brain_Hippocampus	0.660298506			Brain_Hypothalamus	1.061010756		
	0.938989244	0.938989244			0.439501071	0.970591726		0.705046399
	0.375537804	2	0	0.998207054				
RABL2A	ENSG00000144134.18	0.551231867	8	5	0.219688301			
	Brain_Cortex	0.977717172			Brain_Caudate_basal_ganglia	5.684293013		
	0.010608616	0.25072347	-0.335867548		1.227357372			0.224336044
	0.577307353	5	0	0.998207054				
MRPL35	ENSG00000132313.14	0.551280837	10	4	0.148475222			
	Brain_Caudate_basal_ganglia	0.885521848			Brain_Spinal_cord_cervical_c-1			
	6.152048233	0.000733106			0.398560437			-1.444938284
	-0.384213173	0.690042304	4	0	0.998207054			0.838854141
ZNF496	ENSG00000162714.12	0.551413277	10	2	0.142732544			
	Brain_Putamen_basal_ganglia	0.642294197			Brain_Hypothalamus	8.604516162		
	0.003385687	0.908821274			0.464493525	1.46569079		0.984211214
	0.309722344	2	0	0.998207054				
EIF6	ENSG00000242372.6	0.551417633	4	4	0.170611237			
	Brain_Caudate_basal_ganglia	0.967304227			Brain_Cerebellum	2.224132695		
	0.350768559	0.350768559			-1.370242431	0.344691569		-0.278173884
	0.750702826	4	0	0.998207054				
CTA-268H5.14	ENSG00000273287.2	0.551506399	2	2	0.301480629			
	Brain_Spinal_cord_cervical_c-1	0.744458035			Brain_Cortex	1.023275882		
	0.976724118	0.976724118			-0.325955485	1.033263445		0.35365398
	0.961112923	2	0	0.998207054				
THEGL	ENSG00000249693.2	0.551546168	1	1	0.551546168			
	Brain_Hypothalamus	0.551546168			Brain_Hypothalamus	1	1	1
	-0.595444828	-0.595444828			-0.595444828	NA	1	0
								0.998207054
UBAP2L	ENSG00000143569.18	0.551579792	2	2	0.322214167			
	Brain_Cerebellum	0.758949725			Brain_Nucleus_accumbens_basal_ganglia			
	1.147851222	0.852148778			0.852148778	-0.989918069		0.306860278
	-0.341528895	0.916960763	2	0	0.998207054			
RP11-147L13.15	ENSG00000274712.1	0.551744411	8	7	0.290916293			
	Brain_Caudate_basal_ganglia	0.967225286			Brain_Cerebellar_Hemisphere			
	4.975928156	0.06494897	0.217679478		-0.393275822			1.056113654
	0.422917227	0.499125948	7	0	0.998207054			
FAS	ENSG00000026103.21	0.551763175	9	3	0.095500793			
	Brain_Anterior_cingulate_cortex_BA24	0.708350982			Brain_Cerebellum			
	7.786346742	0.007067734	0.339265723		-1.66706846			0.374071687
	-1.108101416	0.585430183	3	0	0.998207054			
IKBKAP	ENSG00000070061.14	0.551808323	5	4	0.147330485			
	Brain_Spinal_cord_cervical_c-1	0.921494182			Brain_Cerebellum	2.850680103		
	0.052464628	0.16341626	-1.449025416		0.09855175	-0.671719221		
	0.555376903	4	0	0.998207054				
CLDN4	ENSG00000189143.9	0.551907258	11	3	0.162546046			Brain_Amygdala
	0.916676052	Brain_Frontal_Cortex_BA9			9.238801019			0.000178595
	0.495062329	-1.3965596	-0.104621628		-0.877082909			0.337422512
	0	0.998207054						3
CXXC4	ENSG00000168772.10	0.551949482	2	2	0.285148634			
	Brain_Caudate_basal_ganglia	0.855757361			Brain_Cerebellar_Hemisphere			
	1.030956612	0.969043388	0.969043388		-1.068824775			-0.181777477
	-0.625301126	0.62723716	2	0	0.998207054			
AF131217.1	ENSG00000232855.6	0.551960853	7	4	0.125338814			
	Brain_Frontal_Cortex_BA9	0.923487692			Brain_Nucleus_accumbens_basal_ganglia			
	4.669936581	0.005725109	0.194895939		-1.532744524			-0.096041401

	-0.815648446	0.539350489	4	0	0.998207054				
MB	ENSG00000198125.12	0.55209869	1	1	0.55209869				
	Brain_Nucleus_accumbens_basal_ganglia	0.55209869							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.594618233				
	0.594618233	0.594618233	NA	1	0	0.998207054			
SCNN1D	ENSG00000162572.20	0.552103457	3	3	0.535721088				
	Brain_Cerebellar_Hemisphere	0.800220348			Brain_Cortex	2.310552585			
	0.299539873	0.299539873	-0.585668702		0.619296443		-0.073144734		
	0.622304508	3	0	0.998207054					
HAGLROS	ENSG00000226363.3	0.552117588	7	7	0.048533488				
	Brain_Hippocampus	0.945100424			Brain_Cerebellum	1.789019298			
	0.316216726	0.316216726	-0.722653329		1.972667229		0.251134987		
	0.907064008	7	0	0.998207054					
WSB1	ENSG00000109046.14	0.552166936	1	1	0.552166936				
	Brain_Spinal_cord_cervical_c-1	0.552166936			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.594516162	-0.594516162	-0.594516162	NA	1	0
	0.998207054								
ZNF420	ENSG00000197050.10	0.552190191	2	2	0.602885525				
	Brain_Nucleus_accumbens_basal_ganglia	0.638679949			Brain_Cerebellum				
	1.587289274	0.412710726	0.412710726		-0.46954525		0.520255475		
	0.025355112	0.699894804	2	0	0.998207054				
PDGFA	ENSG00000197461.13	0.552329511	1	1	0.552329511				
	Brain_Cerebellar_Hemisphere	0.552329511			Brain_Cerebellar_Hemisphere	1	1		
	1	0.594273035	0.594273035	0.594273035	NA	1	0		
	0.998207054								
ACTL6A	ENSG00000136518.16	0.552340882	1	1	0.552340882				
	Brain_Nucleus_accumbens_basal_ganglia	0.552340882							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.594256031				
	0.594256031	0.594256031	NA	1	0	0.998207054			
PDZK1IP1	ENSG00000162366.7	0.552385189	7	3	0.178948259				
	Brain_Frontal_Cortex_BA9	0.771479562			Brain_Amygdala	5.640211329			
	0.003020461	0.466524984	-1.344000397		-0.29044011		-0.597121571		
	0.350547452	3	0	0.998207054					
RP11-338N10.2	ENSG00000270035.1	0.552627755	1	1	0.552627755				
	Brain_Cerebellum	0.552627755			Brain_Cerebellum	1	1	1	
	-0.593827109	-0.593827109	NA	1	0	0.998207054			
CCDC191	ENSG00000163617.10	0.552661872	1	1	0.552661872				
	Brain_Substantia_nigra	0.552661872			Brain_Substantia_nigra	1	1		
	1	-0.593776107	-0.593776107	-0.593776107	NA	1	0		
	0.998207054								
SKOR1	ENSG00000188779.10	0.552726098	2	2	0.277946488		Brain_Cerebellum		
	0.99444963	Brain_Nucleus_accumbens_basal_ganglia	1.091930507		0.908069493				
	0.908069493	0.006956414	1.084943934		0.545950174		0.762252286		
	2	0	0.998207054						
CTD-3157E16.2	ENSG00000276855.1	0.552847335	12	4	0.258180719				
	Brain_Nucleus_accumbens_basal_ganglia	0.893376169			Brain_Hypothalamus				
	9.496988882	0.001623506	0.332213525		-1.130701574		0.928134594		
	0.175031464	0.695108536	4	0	0.998207054				
CTC-542B22.2	ENSG00000263990.1	0.55317522	2	2	0.42221631				
	Brain_Anterior_cingulate_cortex_BA24	0.44864973							
	Brain_Nucleus_accumbens_basal_ganglia	1.028794889			0.971205111				
	0.971205111	-0.802582113	-0.75766805		-0.780125081		0.031759038		
	2	0	0.998207054						
ZNF727	ENSG00000214652.5	0.55318048	3	3	0.178334642		Brain_Cerebellum		
	0.932683621	Brain_Amygdala	1.73995735	0.247865743	0.247865743				
	-0.084468909	1.345900394	0.712990858		0.729243903		3	0	
	0.998207054								
ARMC5	ENSG00000140691.16	0.553216296	1	1	0.553216296				
	Brain_Nucleus_accumbens_basal_ganglia	0.553216296							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.592947488				
	0.592947488	0.592947488	NA	1	0	0.998207054			
GH1	ENSG00000259384.6	0.553218697	1	1	0.553218697				

	Brain_Hippocampus	0.553218697	Brain_Hippocampus	1	1	1
	0.592943901	0.592943901	0.592943901	NA	1	0.998207054
ADAMTS12	ENSG00000151388.10	0.553309978		3	3	0.265957659
	Brain_Putamen_basal_ganglia	0.669879413	Brain_Caudate_basal_ganglia			
	2.666895826	0.160141675	0.160141675	0.426313512		1.112419885
	0.7140938	0.356161155	3	0	0.998207054	
MYO1E	ENSG00000157483.8	0.553365682		1	1	0.553365682
	Brain_Frontal_Cortex_BA9	0.553365682	Brain_Frontal_Cortex_BA9	1	1	
	1	0.592724291	0.592724291	0.592724291	NA	1
	0.998207054					0
FHL5	ENSG00000112214.10	0.553410766		1	1	0.553410766
	Brain_Putamen_basal_ganglia	0.553410766	Brain_Putamen_basal_ganglia	1	1	
	1	0.592656937	0.592656937	0.592656937	NA	1
	0.998207054					0
SAMD10	ENSG00000130590.13	0.553452363		3	3	0.397866927
	Brain_Hypothalamus	0.991161581	Brain_Putamen_basal_ganglia	2.64106611		
	0.118153673	0.118153673	-0.845436941	0.011077542		-0.383604292
	0.432187677	3	0	0.998207054		
FUT9	ENSG00000172461.10	0.553453849		3	3	0.157226728
	Brain_Hippocampus	0.876119221	Brain_Cerebellum	1.514498765		
	0.558673336	0.558673336	-1.414460531	0.155890643		-0.610067077
	0.785880832	3	0	0.998207054		
SWT1	ENSG00000116668.12	0.553667578		2	2	0.303483545
	Brain_Substantia_nigra	1.178346731	0.821653269			Brain_Cerebellum
	0.821653269	-1.028991765	0.162354782	-0.433318491		0.842409222
	2	0	0.998207054			
FFAR3	ENSG00000185897.6	0.553676978		2	2	0.310678741
	Brain_Hippocampus	0.875919103	Brain_Substantia_nigra	1.223923119		
	0.776076881	0.776076881	-1.013798856	0.156144525		-0.428827166
	0.827274898	2	0	0.998207054		
YTHDF2	ENSG00000198492.15	0.553682443		2	2	0.28712478
	Brain_Putamen_basal_ganglia	0.905885813	Brain_Amygdala	1.096492293		
	0.903507707	0.903507707	0.118229504	1.064450251		0.591339877
	0.669079107	2	0	0.998207054		
GAPVD1	ENSG00000165219.21	0.553795656		3	3	0.489705035
	Brain_Cortex	0.742620815	Brain_Cerebellum	2.313931746		0.314650473
	0.314650473	-0.414797529	0.690778045	-0.017468059		0.614879015
	3	0	0.998207054			
POLR2M	ENSG00000255529.7	0.553836119		9	7	0.154314278
	Brain_Hippocampus	0.955080284	Brain_Nucleus_accumbens_basal_ganglia			
	3.892051586	0.035912393	0.250666253	-1.424456815		0.43369725
	-0.560159963	0.633757809	7	0	0.998207054	
FBXO27	ENSG00000161243.8	0.553853573		11	4	0.330222499
	Brain_Cerebellar_Hemisphere	0.990580026	Brain_Nucleus_accumbens_basal_ganglia			
	7.638545806	0.006369542	0.414791666	-0.973665808		0.845816442
	-0.069952344	0.457610653	4	0	0.998207054	
TERF2IP	ENSG00000166848.5	0.553887308		1	1	0.553887308
	Brain_Cortex	0.553887308	Brain_Cortex	1	1	1
	0.591945166	0.591945166	NA	1	0	0.998207054
WNT10A	ENSG00000135925.8	0.553926492		1	1	0.553926492
	Brain_Hypothalamus	0.553926492	Brain_Hypothalamus	1	1	1
	0.591886653	0.591886653	0.591886653	NA	1	0
						0.998207054
ERAP1	ENSG00000164307.12	0.554034752		12	2	0.164867649
	Brain_Anterior_cingulate_cortex_BA24	0.730063308	Brain_Substantia_nigra			
	10.7172057	0.002900064	0.695021656	0.345041319		1.388885243
	0.861730912	0.35042542	2	0	0.998207054	
ZNF280B	ENSG00000275004.3	0.554117352		1	1	0.554117352
	Brain_Cerebellum	0.554117352	Brain_Cerebellum	1	1	1
	-0.591601675	-0.591601675	NA	1	0	0.998207054
TACC3	ENSG00000013810.18	0.554157875		10	4	0.261764806
	Brain_Substantia_nigra	0.964632445	Brain_Anterior_cingulate_cortex_BA24			
	7.47469651	0.00184995	0.289626661	-1.122229658		0.74527489
						-0.12040218

	0.519836374	4	0	0.998207054					
ADAM10	ENSG00000137845.14			0.554260568	3	3	0.172970607		
	Brain_Cortex	0.975378537		Brain_Cerebellum	1.220410129		0.846381929		
	0.846381929	0.030863327		1.362720523		0.660303996	0.668920776		
	3	0	0.998207054						
POLD4	ENSG00000175482.8		0.554342428	1	1	0.554342428	Brain_Cortex		
	0.554342428	Brain_Cortex	1	1	1	0.59126567	0.59126567	0.59126567	
	NA	1	0	0.998207054					
AC007193.6	ENSG00000267922.1		0.554346168	2	2	0.396792168			
	Brain_Amygdala	0.742662631		Brain_Frontal_Cortex_BA9	1.360619884				
	0.639380116	0.639380116		-0.328329382	0.847364172		0.259517395		
	0.831340885	2	0	0.998207054					
IL13	ENSG00000169194.9		0.554418684	1	1	0.554418684			
	Brain_Nucleus_accumbens_basal_ganglia	0.554418684							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.591151846				
	-0.591151846	-0.591151846	NA	1	0	0.998207054			
RAMP2	ENSG00000131477.10		0.554560025	1	1	0.554560025	Brain_Amygdala		
	0.554560025	Brain_Amygdala	1	1	1	-0.590940893	-0.590940893		
	-0.590940893	NA	1	0	0.998207054				
YTHDF3	ENSG00000185728.16		0.55471405	1	1	0.55471405			
	Brain_Cerebellar_Hemisphere	0.55471405	Brain_Cerebellar_Hemisphere	1	1	1			
	-0.59071104	-0.59071104	-0.59071104	NA	1	0	0.998207054		
MIIP	ENSG00000116691.10		0.554748227	3	3	0.212243127			
	Brain_Frontal_Cortex_BA9	0.8179146	Brain_Cerebellar_Hemisphere	1.241965356					
	0.752928269	0.752928269	-0.414715034	1.247421118		0.200826026			
	0.91105973	3	0	0.998207054					
CCL25	ENSG00000131142.13		0.554768081	3	3	0.182746291	Brain_Cortex		
	0.99412654	Brain_Hippocampus	1.92178865	0.178955535	0.178955535				
	-0.007361357	1.332346691	0.725913138	0.678801063	3	0			
	0.998207054								
SCGB1D2	ENSG00000124935.3		0.554779913	1	1	0.554779913			
	Brain_Anterior_cingulate_cortex_BA24	0.554779913							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.59061276	0.59061276			
	0.59061276	NA	1	0	0.998207054				
RIPK1	ENSG00000137275.13		0.554801091	6	6	0.236272566			
	Brain_Nucleus_accumbens_basal_ganglia	0.924505814	Brain_Cortex						
	3.083839998	0.151928441	0.151928441	-1.184355	0.277299202				
	-0.617853731	0.573103466	6	0	0.998207054				
CCDC3	ENSG00000151468.10		0.554817898	6	6	0.090571838	Brain_Cortex		
	0.824519758	Brain_Caudate_basal_ganglia	2.673209589	0.244817922					
	0.244817922	-1.692388948	0.613377868	-0.885174301	0.906826035				
	6	0	0.998207054						
RP11-473M20.9	ENSG00000262370.5		0.554818059	1	1	0.554818059			
	Brain_Hippocampus	0.554818059	Brain_Hippocampus	1	1	1			
	0.590555843	0.590555843	0.590555843	NA	1	0	0.998207054		
MLH3	ENSG00000119684.15		0.554896084	1	1	0.554896084			
	Brain_Nucleus_accumbens_basal_ganglia	0.554896084							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.590439427				
	0.590439427	0.590439427	NA	1	0	0.998207054			
PCDHB7	ENSG00000113212.6		0.554921496	5	4	0.104008443			
	Brain_Frontal_Cortex_BA9	0.398107754	Brain_Amygdala	3.709816938					
	0.028762444	0.127165278	0.845005525	1.625723713	1.230764352				
	0.287470977	4	0	0.998207054					
RP11-36B6.1	ENSG00000271522.1		0.555055728	1	1	0.555055728			
	Brain_Putamen_basal_ganglia	0.555055728	Brain_Putamen_basal_ganglia	1	1				
	1	-0.590201259	-0.590201259	-0.590201259	NA	1	0		
	0.998207054								
XRN2	ENSG00000088930.7		0.555107583	3	3	0.374000169			
	Brain_Caudate_basal_ganglia	0.670569925	Brain_Cerebellum	1.266938677					
	0.759254755	0.759254755	-0.80415521	0.889005416	-0.113505247				
	0.888617493	3	0	0.998207054					
CFL2	ENSG00000165410.14		0.55516547	1	1	0.55516547	Brain_Hypothalamus		

	0.55516547	Brain_Hypothalamus	1	1	0.590037559	0.590037559
	0.590037559	NA	1	0	0.998207054	
RBBP9	ENSG00000089050.15	0.555176857	5	5	0.156754194	
	Brain_Nucleus_accumbens_basal_ganglia	0.896119978			Brain_Caudate_basal_ganglia	
	3.504707361	0.127170071	0.127170071	-0.130564309	1.41607279	
	0.709980143	0.566249851	5	0	0.998207054	
SKAP1	ENSG00000141293.15	0.55518497	3	3	0.299685489	
	Brain_Caudate_basal_ganglia	0.535776746			Brain_Cortex	1.681669387
	0.459136623	0.459136623	-1.037108083	0.624806738	0.068970199	
	0.957895975	3	0	0.998207054		
LAMTOR5	ENSG00000134248.13	0.555195732	1	1	0.555195732	
	Brain_Frontal_Cortex_BA9	0.555195732			Brain_Frontal_Cortex_BA9	1 1
	1	-0.589992419	-0.589992419	-0.589992419	NA	1 0
	0.998207054					
ZNF425	ENSG00000204947.8	0.555246783	10	8	0.138094312	
	Brain_Caudate_basal_ganglia	0.901006611			Brain_Cerebellum	4.938452931
	0.018279478	0.189747904	-1.482925101	0.941775608	0.118142079	
	0.723363014	8	0	0.998207054		
ZNF595	ENSG00000272602.5	0.555329681	4	4	0.22772294	
	Brain_Cerebellar_Hemisphere	0.835062225			Brain_Cerebellum	1.808592451
	0.38606941	0.38606941	-1.206245252	1.192137718	0.111189314	
	1.051207892	4	0	0.998207054		
LINC02123	ENSG00000250668.1	0.555363435	1	1	0.555363435	
	Brain_Spinal_cord_cervical_c-1	0.555363435			Brain_Spinal_cord_cervical_c-1	
	1	1	1	-0.589742295	-0.589742295	-0.589742295 NA 1 0
	0.998207054					
FAM118B	ENSG00000197798.8	0.5555237	1	1	0.5555237	Brain_Cerebellum
	0.5555237	Brain_Cerebellum	1	1	0.589503299	0.589503299
	0.589503299	NA	1	0	0.998207054	
ZNF85	ENSG00000105750.14	0.555528164	11	2	0.184150972	
	Brain_Hypothalamus	0.968684199			Brain_Cerebellum	9.550496013
	0.014226459	0.623978415	-1.328082143	-0.039258618	-0.763657181	
	0.357015388	2	0	0.998207054		
CASC10	ENSG00000204682.5	0.555726242	2	2	0.430612817	
	Brain_Cerebellum	0.475847224			Brain_Amygdala	1.038839142 0.961160858
	0.961160858	-0.788143425	0.712997629	-0.037572898	1.061467019	
	2	0	0.998207054			
PIGR	ENSG00000162896.5	0.555804234	1	1	0.555804234	
	Brain_Caudate_basal_ganglia	0.555804234			Brain_Caudate_basal_ganglia	1 1
	1	0.589085032	0.589085032	0.589085032	NA	1 0
	0.998207054					
NME8	ENSG00000086288.11	0.555888306	3	3	0.187230002	
	Brain_Hippocampus	0.914837766			Brain_Cerebellum	2.149513286
	0.227398359	0.227398359	-1.318817891	-0.106938504	-0.821313088	
	0.634379451	3	0	0.998207054		
AP4S1	ENSG00000100478.14	0.555949204	2	2	0.505580749	
	Brain_Hippocampus	0.582520826			Brain_Hypothalamus	1.36826474 0.63173526
	0.63173526	-0.665734608	0.549706313	-0.058014147	0.859446517	2
	0	0.998207054				
RELT	ENSG00000054967.12	0.555966039	1	1	0.555966039	
	Brain_Cerebellar_Hemisphere	0.555966039			Brain_Cerebellar_Hemisphere	1 1
	1	-0.588843833	-0.588843833	-0.588843833	NA	1 0
	0.998207054					
ADORA2A	ENSG00000128271.21	0.555980013	1	1	0.555980013	
	Brain_Caudate_basal_ganglia	0.555980013			Brain_Caudate_basal_ganglia	1 1
	1	0.588823004	0.588823004	0.588823004	NA	1 0
	0.998207054					
VPS53	ENSG00000141252.19	0.55598779	12	4	0.094720928	
	Brain_Frontal_Cortex_BA9	0.578021623			Brain_Cerebellum	8.594764497
	0.010609905	0.306591386	-1.671003795	-0.556276831	-1.117939828	
	0.306160292	4	0	0.998207054		
C19orf68	ENSG00000185453.12	0.556267902	1	1	0.556267902	

	Brain_Cerebellar_Hemisphere	0.556267902		Brain_Cerebellar_Hemisphere	1	1	
1	-0.588393944	-0.588393944	-0.588393944	NA	1	0	
	0.998207054						
Clorf127	ENSG00000175262.14	0.556273407		2	2	0.279198124	
	Brain_Cerebellar_Hemisphere	0.937796777		Brain_Cerebellum	1.030791014		
	0.969208986	0.969208986	-0.078039318	1.082122445		0.502041563	
	0.82035825	2	0	0.998207054			
NRF1	ENSG00000106459.14	0.556294975		6	5	0.025731813	
	Brain_Hypothalamus	0.717775854		Brain_Frontal_Cortex_BA9	3.659162729		
	0.088272696	0.240064962	0.361432905	2.230235499		1.183029005	
	0.656311009	5	0	0.998207054			
RFLNA	ENSG00000178882.14	0.55631294	3	3	0.346614157		Brain_Cerebellum
	0.409019571	Brain_Hippocampus	1.231563577	0.688614717			
	0.688614717	-0.941177009	0.825620203	-0.318424864		0.992069972	
	3	0	0.998207054				
ATXN7L3B	ENSG00000253719.3	0.556362665		3	3	0.346329076	
	Brain_Putamen_basal_ganglia	0.765545242		Brain_Cerebellum	2.386631732		
	0.100777262	0.100777262	-0.941733545	-0.298206918		-0.6404906	
	0.323720383	3	0	0.998207054			
SULT1C2	ENSG00000198203.9	0.556373249		12	7	0.143097663	
	Brain_Hippocampus	0.988210374		Brain_Frontal_Cortex_BA9	6.913208869		
	0.00941475	0.256314554	-1.464352489	1.03815773	-0.144853066		
	0.959508324	7	0	0.998207054			
VPS25	ENSG00000131475.6	0.556592244		1	1	0.556592244	
	Brain_Hippocampus	0.556592244		Brain_Hippocampus	1	1	1
	-0.587910685	-0.587910685	-0.587910685	NA	1	0	0.998207054
CTD-2553L13.10	ENSG00000274104.1	0.556612601		4	2	0.308810625	
	Brain_Cortex	0.971276361		Brain_Anterior_cingulate_cortex_BA24			
	3.204467262	8.86E-08	0.762526722	-1.017720873		-0.036007523	
	-0.37172127	0.463055666	2	0	0.998207054		
AKAP9	ENSG00000127914.16	0.556843455		1	1	0.556843455	Brain_Cerebellum
	0.556843455	Brain_Cerebellum	1	1	1	-0.587536484	-0.587536484
	-0.587536484	NA	1	0	0.998207054		
TTL6	ENSG00000170703.15	0.556865221		10	7	0.046551979	
	Brain_Caudate_basal_ganglia	0.790908814		Brain_Cerebellum	5.226658163		
	0.005204615	0.181475433	-1.990353771	-0.265130653		-1.154076955	
	0.536802532	7	0	0.998207054			
RORC	ENSG00000143365.17	0.55690621	1	1	0.55690621		Brain_Putamen_basal_ganglia
	0.55690621	Brain_Putamen_basal_ganglia	1	1	1	-0.587443017	
	-0.587443017	-0.587443017	NA	1	0	0.998207054	
IBA57	ENSG00000181873.12	0.557079426		1	1	0.557079426	
	Brain_Cerebellar_Hemisphere	0.557079426		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.587185058	-0.587185058	-0.587185058	NA	1	0
	0.998207054						
VAT1	ENSG00000108828.15	0.557099377		2	2	0.413625613	
	Brain_Cerebellar_Hemisphere	0.757004401		Brain_Cerebellum	1.843640422		
	0.156359578	0.156359578	0.30941692	0.817529998		0.563473459	
	0.359290203	2	0	0.998207054			
KLK4	ENSG00000167749.11	0.557133022		1	1	0.557133022	Brain_Cerebellum
	0.557133022	Brain_Cerebellum	1	1	1	-0.587105249	-0.587105249
	-0.587105249	NA	1	0	0.998207054		
FAM198A	ENSG00000144649.8	0.557134784		8	4	0.167979634	
	Brain_Frontal_Cortex_BA9	0.995283734		Brain_Putamen_basal_ganglia			
	6.331893426	0.024725172	0.25405219	-0.005910997		1.378724754	
	0.573969547	0.539174167	4	0	0.998207054		
RCBTB2	ENSG00000136161.12	0.557185188		1	1	0.557185188	
	Brain_Substantia_nigra	0.557185188		Brain_Substantia_nigra	1	1	
	1	-0.587027574	-0.587027574	-0.587027574	NA	1	0
	0.998207054						
TMEM266	ENSG00000169758.12	0.55735295	1	1	0.55735295		Brain_Cerebellum
	0.55735295	Brain_Cerebellum	1	1	1	-0.586777798	-0.586777798
	-0.586777798	NA	1	0	0.998207054		

CEP192	ENSG00000101639.18	0.557436943	13	2	0.2895769	
	Brain_Frontal_Cortex_BA9	0.996901027			Brain_Hypothalamus	12.20461092
	0.000447381	0.45264097	-1.05905024	0.293145853		-0.062695095
	0.349537554	2	0	0.998207054		
RP11-47L3.1	ENSG00000267364.1	0.557486376	1	1	0.557486376	
	Brain_Spinal_cord_cervical_c-1	0.557486376			Brain_Spinal_cord_cervical_c-1	
	1	1	0.586579169	0.586579169	0.586579169	NA 1 0
	0.998207054					
NARS2	ENSG00000137513.9	0.557603651	13	2	0.075970116	
	Brain_Hippocampus	0.914851285			Brain_Cortex	11.26708117 5.93E-05
	0.809106492	-0.236551609	1.774562729	0.798785201		0.507988133
	2	0	0.998207054			
INPP5K	ENSG00000132376.19	0.557608094	4	4	0.130665751	
	Brain_Putamen_basal_ganglia	0.904735444			Brain_Cerebellum	1.593478155
	0.234973788	0.234973788	-1.511481764	0.427824469		-0.296537586
	0.852361023	4	0	0.998207054		
CBX5	ENSG00000094916.15	0.557688306	2	2	0.300663782	
	Brain_Anterior_cingulate_cortex_BA24	0.778243868			Brain_Hippocampus	
	1.028187059	0.971812941	0.971812941	-1.035010984		0.28160831
	-0.376701337	0.930990431	2	0	0.998207054	
RP11-218C14.8	ENSG00000270001.1	0.557860188	9	6	0.103472661	
	Brain_Amygdala	0.922984711			Brain_Cerebellar_Hemisphere	4.75326299
	0.002266704	0.267780034	-0.889376593	1.628246349		-0.179864803
	0.722674852	6	0	0.998207054		
AP3M2	ENSG00000070718.11	0.557918836	3	3	0.51873295	
	Brain_Putamen_basal_ganglia	0.839888002			Brain_Cerebellar_Hemisphere	
	2.487822987	0.084031499	0.084031499	-0.248784592		0.645299757
	0.199517302	0.447047499	3	0	0.998207054	
GUCD1	ENSG00000138867.16	0.558020346	1	1	0.558020346	Brain_Cortex
	0.558020346	Brain_Cortex	1	1	0.585784492	0.585784492
	0.585784492	NA 1	0	0.998207054		
DSN1	ENSG00000149636.15	0.558088823	1	1	0.558088823	Brain_Cortex
	0.558088823	Brain_Cortex	1	1	-0.585682609	-0.585682609
	-0.585682609	NA 1	0	0.998207054		
MALT1	ENSG00000172175.12	0.558203408	3	3	0.200328268	
	Brain_Hypothalamus	0.658229178			Brain_Nucleus_accumbens_basal_ganglia	
	1.365582765	0.634717121	0.634717121	-0.562741924		1.280616879
	0.091838529	1.031270316	3	0	0.998207054	
PIK3C3	ENSG00000078142.12	0.55821608	6	2	0.216545722	Brain_Cerebellum
	0.56990374	Brain_Cerebellar_Hemisphere	5.262832464	0.003095026		
	0.542165915	-1.235765556	-0.568193272	-0.971771781		0.226354332
	2	0	0.998207054			
RSPH14	ENSG00000100218.11	0.558287903	4	4	0.146780933	
	Brain_Cerebellar_Hemisphere	0.781661954			Brain_Cortex	2.505882867
	0.101593398	0.101593398	-1.450996148	1.099496007		-0.344374945
	1.24028602	4	0	0.998207054		
RPGRIP1L	ENSG00000103494.12	0.558457095	7	5	0.182441835	
	Brain_Substantia_nigra	0.927339865			Brain_Cerebellar_Hemisphere	
	3.790943691	0.044090764	0.335113426	-1.333274208		1.152307534
	0.523698001	0.90552593	5	0	0.998207054	
LRRC66	ENSG00000188993.3	0.558491802	1	1	0.558491802	
	Brain_Cortex	0.558491802	Brain_Cortex	1	1	1
	-0.585083159	-0.585083159	NA 1	0	0.998207054	-0.585083159
FGF19	ENSG00000162344.3	0.558522188	1	1	0.558522188	Brain_Cerebellum
	0.558522188	Brain_Cerebellum	1	1	0.585037968	0.585037968
	0.585037968	NA 1	0	0.998207054		
CTD-2639E6.9	ENSG00000267898.1	0.558548526	1	1	0.558548526	
	Brain_Substantia_nigra	0.558548526	Brain_Substantia_nigra	1	1	
	1	0.584998797	0.584998797	0.584998797	NA 1	0
	0.998207054					
TCTEX1D1	ENSG00000152760.9	0.558607598	8	4	0.153561182	
	Brain_Frontal_Cortex_BA9	0.297939776			Brain_Nucleus_accumbens_basal_ganglia	

	6.069691891	0.030345129	0.21197359	1.040861621	1.427064924
	1.232736847	0.147606302	4 0	0.998207054	
PHACTR3	ENSG00000087495.16	0.558634508	2 2	0.459417619	
	Brain_Cerebellar_Hemisphere	0.493006717		Brain_Cerebellum	1.126730639
	0.873269361	0.873269361	-0.739806163	0.685534469	-0.027135847
	1.007868027	2 0	0.998207054		
PSME2	ENSG00000100911.15	0.558662614	1 1	0.558662614	
	Brain_Anterior_cingulate_cortex_BA24	0.558662614			
	Brain_Anterior_cingulate_cortex_BA24	1 1	1	0.584829131	
	0.584829131	0.584829131	NA 1 0	0.998207054	
GTPBP3	ENSG00000130299.16	0.558884962	3 3	0.312844571	
	Brain_Cerebellar_Hemisphere	0.64065825	Brain_Cortex	1.688525191	
	0.525284737	0.525284737	-0.466778653	1.009271236	0.375006326
	0.759591504	3 0	0.998207054		
RP11-757G1.6	ENSG00000250508.1	0.558981429	7 4	0.116147968	
	Brain_Substantia_nigra	0.826158947	Brain_Hypothalamus	5.854342291	
	0.000205899	0.201523911	0.219630485	1.571149323	0.87244042
	0.40809092	4 0	0.998207054		
FAM86B1	ENSG00000186523.14	0.559063396	4 4	0.331653324	
	Brain_Caudate_basal_ganglia	0.706440109	Brain_Cerebellar_Hemisphere		
	2.606948576	0.174304547	0.174304547	-0.376641411	0.970789075
	0.560883804	0.63146389	4 0	0.998207054	
LINC02003	ENSG00000264026.1	0.55942583	1 1	0.55942583	Brain_Cortex
	0.55942583	Brain_Cortex	1 1 1	0.583694557	0.583694557
	0.583694557	NA 1 0	0.998207054		
USP21	ENSG00000143258.15	0.559452067	2 2	0.295472671	Brain_Cerebellum
	0.858505793	Brain_Caudate_basal_ganglia	1.397560278	0.602439722	
	0.602439722	-0.178276552	1.046191403	0.433957425	0.865829594
	2 0	0.998207054			
ELL	ENSG00000105656.12	0.559469197	1 1	0.559469197	Brain_Cerebellum
	0.559469197	Brain_Cerebellum	1 1 1	0.583630112	0.583630112
	0.583630112	NA 1 0	0.998207054		
LINC00662	ENSG00000261824.6	0.559470026	11 7	0.08167356	
	Brain_Anterior_cingulate_cortex_BA24	0.668055148	Brain_Frontal_Cortex_BA9		
	6.420759263	0.008455826	0.256968524	-1.741057159	0.438568668
	-0.919587436	0.583297851	7 0	0.998207054	
LEPROTL1	ENSG00000104660.17	0.559572794	1 1	0.559572794	
	Brain_Hippocampus	0.559572794	Brain_Hippocampus	1 1 1	
	0.58347617	0.58347617	0.58347617	NA 1 0	0.998207054
SAMD3	ENSG00000164483.16	0.55969616	1 1	0.55969616	Brain_Cortex
	Brain_Cortex	1 1 1	-0.583292873	-0.583292873	-0.583292873
	NA 1 0	0.998207054			
STX19	ENSG00000178750.2	0.559807456	9 4	0.317508685	
	Brain_Hypothalamus	0.947068892	Brain_Substantia_nigra	7.014113008	
	0.001324033	0.265587716	-0.514377122	0.999590578	-0.058055619
	0.527917246	4 0	0.998207054		
LINC01422	ENSG00000223704.1	0.559839331	7 4	0.257613802	
	Brain_Hippocampus	0.82486638	Brain_Hypothalamus	4.999507005	
	0.036139094	0.355757126	-1.132049076	0.486488743	-0.477859988
	0.508510656	4 0	0.998207054		
KCNQ4	ENSG00000117013.14	0.559843412	2 2	0.390107074	
	Brain_Spinal_cord_cervical_c-1	0.517006981	Brain_Cerebellum	1.001549204	
	0.998450796	0.998450796	-0.8594232	0.647965938	-0.105728631
	1.065885081	2 0	0.998207054		
RESP18	ENSG00000182698.11	0.559958566	12 2	0.125722953	
	Brain_Hippocampus	0.609999135	Brain_Hypothalamus	11.14330941	
	0.000683977	0.515152167	0.510074692	1.531187929	0.974298068
	0.280416282	2 0	0.998207054		
SP2	ENSG00000167182.13	0.560076393	1 1	0.560076393	
	Brain_Caudate_basal_ganglia	0.560076393	Brain_Caudate_basal_ganglia	1 1	
	1	-0.582728042	-0.582728042	-0.582728042	NA 1 0
	0.998207054				

SGMS2	ENSG00000164023.14	0.560086191	1	1	0.560086191	Brain_Cortex
	0.560086191	Brain_Cortex	1	1	1	-0.582713489
	-0.582713489	NA	1	0	0.998207054	
LRR14B	ENSG00000185028.3	0.560087849	1	1	0.560087849	
	Brain_Cerebellum	0.560087849	Brain_Cerebellum	1	1	0.582711027
	0.582711027	0.582711027	NA	1	0	0.998207054
FCF1	ENSG00000119616.11	0.560230462	2	2	0.330013302	Brain_Cerebellum
	0.718686484	Brain_Cortex	1.098335592		0.901664408	0.901664408
	-0.974087084	0.360214832	-0.306936126		0.943493932	2
	0.998207054					0
PHF19	ENSG00000119403.13	0.560277358	1	1	0.560277358	
	Brain_Putamen_basal_ganglia	0.560277358	Brain_Putamen_basal_ganglia	1	1	
	1	0.582429586	0.582429586	0.582429586	NA	1
	0.998207054					0
SLC7A6OS	ENSG00000103061.12	0.560281015	1	1	0.560281015	
	Brain_Cortex	0.560281015	Brain_Cortex	1	1	1
	0.582424156	0.582424156	NA	1	0	0.582424156
					0.998207054	
DDX60L	ENSG00000181381.13	0.560291928	3	3	0.298135318	
	Brain_Hippocampus	0.720193782	Brain_Caudate_basal_ganglia	1.788673161		
	0.442367753	0.442367753	-1.040440447		0.35819982	-0.573975748
	0.807287811	3	0	0.998207054		
APAF1	ENSG00000120868.13	0.560332423	1	1	0.560332423	
	Brain_Hippocampus	0.560332423	Brain_Hippocampus	1	1	1
	-0.582347817	-0.582347817	-0.582347817	NA	1	0
					0.998207054	
ZNF736	ENSG00000234444.9	0.560337792	6	5	0.19947883	
	Brain_Caudate_basal_ganglia	0.929203879	Brain_Cortex	2.953316879		
	0.064778079	0.462298355	-0.27175084		1.283037809	0.437120771
	0.683816809	5	0	0.998207054		
LPAR3	ENSG00000171517.5	0.56056505	5	5	0.309816173	
	Brain_Anterior_cingulate_cortex_BA24	0.765667848	Brain_Hypothalamus			
	1.428273156	0.759979763	0.759979763	-1.015607834		0.984791422
	0.313067421	0.803412118	5	0	0.998207054	
ATP5O	ENSG00000241837.6	0.56072722	12	10	0.131883351	Brain_Cerebellum
	0.952660722	Brain_Anterior_cingulate_cortex_BA24	4.122685824			
	0.084310378	0.27329756	-1.177043965		1.506716458	0.25673335
	0.975035642	10	0	0.998207054		
PCDHGC3	ENSG00000240184.6	0.560765226	1	1	0.560765226	
	Brain_Nucleus_accumbens_basal_ganglia	0.560765226				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.581705262	
	0.581705262	0.581705262	NA	1	0	0.998207054
RP11-430H10.3	ENSG00000254651.1	0.560770839	2	2	0.322339125	
	Brain_Cerebellar_Hemisphere	0.355971968	Brain_Cerebellum	1.588601588		
	0.411398412	0.411398412	0.92306762	0.989662469		0.956365044
	0.047089669	2	0	0.998207054		
PDE4C	ENSG00000105650.21	0.560804603	6	4	0.080438643	
	Brain_Nucleus_accumbens_basal_ganglia	0.390715741	Brain_Frontal_Cortex_BA9			
	4.066818489	0.053580499	0.325353216	0.858320086		1.748146612
	1.210986758	0.309095314	4	0	0.998207054	
GSTT2B	ENSG00000133433.10	0.56090719	13	1	0.301097558	
	Brain_Cerebellar_Hemisphere	0.815385767	Brain_Substantia_nigra			
	11.75768224	0.002423761	11.75768224	0.233483775		1.034082582
	0.554600234	0.223798982	1	0	0.998207054	
ZNF480	ENSG00000198464.13	0.560921079	1	1	0.560921079	
	Brain_Amygdala	0.560921079	Brain_Amygdala	1	1	1
	0.581473937	0.581473937	NA	1	0	0.998207054
AC195454.1	ENSG00000249241.1	0.561010214	1	1	0.561010214	
	Brain_Anterior_cingulate_cortex_BA24	0.561010214				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.581341651	
	0.581341651	0.581341651	NA	1	0	0.998207054
ATMIN	ENSG00000166454.9	0.561011802	1	1	0.561011802	
	Brain_Nucleus_accumbens_basal_ganglia	0.561011802				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.581339295	

	-0.581339295	-0.581339295	NA	1	0	0.998207054	
NDUFA6	ENSG00000184983.9	0.561057504		13	8	0.128658071	
	Brain_Cortex	0.993935053	Brain_Amygdala			7.313206606	0.075289982
	0.275956232	-0.259449433	1.519414991			0.554544767	0.519022104
	8	0	0.998207054				
RP11-122G18.12	ENSG00000283696.1	0.5613281	3	3	0.176637248		
	Brain_Cerebellar_Hemisphere	0.756863412	Brain_Cortex			1.285488925	
	0.776724635	-0.776724635	-1.35118166			0.309602294	-0.450467137
	0.839277438	3	0	0.998207054			
NKX2-2	ENSG00000125820.5	0.561357347	2	2	0.350373438		
	Brain_Frontal_Cortex_BA9	0.630070123	Brain_Cerebellum			1.052809414	
	0.947190586	0.947190586	-0.481628154			0.933865188	0.226118517
	1.000904941	2	0	0.998207054			
MUC6	ENSG00000184956.15	0.561367376	6	6	0.075765999		
	Brain_Putamen_basal_ganglia	0.559941592	Brain_Cerebellum			2.509986829	
	0.167814826	0.167814826	0.582928266			1.775799325	0.965729248
	0.438841829	6	0	0.998207054			
GFPT1	ENSG00000198380.12	0.561510693	1	1	0.561510693	Brain_Cortex	
	0.561510693	Brain_Cortex	1	1	1	0.580599079	0.580599079
	0.580599079	NA	1	0	0.998207054		
AC144835.1	ENSG00000258483.2	0.561521717	1	1	0.561521717		
	Brain_Hypothalamus	0.561521717	Brain_Hypothalamus			1	1
	0.580582726	0.580582726	0.580582726	NA	1	0	0.998207054
GCKR	ENSG00000084734.8	0.561535163	1	1	0.561535163		
	Brain_Caudate_basal_ganglia	0.561535163	Brain_Caudate_basal_ganglia			1	1
	1	0.58056278	0.58056278	0.58056278	NA	1	0
	0.998207054						
CDC20	ENSG00000117399.13	0.561647103	2	2	0.627088476		
	Brain_Hypothalamus	0.684642893	Brain_Substantia_nigra			1.654640344	
	0.345359656	0.345359656	-0.406135704			0.485828909	0.039846602
	0.630714226	2	0	0.998207054			
RP11-131L12.3	ENSG00000275759.1	0.561734995	13	5	0.132166566		
	Brain_Caudate_basal_ganglia	0.908386797	Brain_Substantia_nigra				
	10.15182857	0.002939921	0.368969285			-1.505612934	-0.115073585
	-0.838815444	0.398850099	5	0	0.998207054		
CECR6	ENSG00000183307.3	0.56175389	3	3	0.300433479		
	Brain_Cerebellar_Hemisphere	0.643138292	Brain_Cerebellum			1.791512042	
	0.207935982	0.207935982	-1.035504258			-0.463315423	-0.751127487
	0.286109885	3	0	0.998207054			
OR51Q1	ENSG00000167360.4	0.561753956	1	1	0.561753956		
	Brain_Cerebellum	0.561753956	Brain_Cerebellum			1	1
	0.58023826	0.58023826	NA	1	0	0.998207054	
UROC1	ENSG00000159650.8	0.561895789	5	5	0.120345369		
	Brain_Caudate_basal_ganglia	0.765131991	Brain_Spinal_cord_cervical_c-1				
	1.288184139	0.712564481	0.712564481			-1.553325595	0.753064167
	-0.438414621	0.839099394	5	0	0.998207054		
AGPAT2	ENSG00000169692.12	0.562592625	1	1	0.562592625		
	Brain_Putamen_basal_ganglia	0.562592625	Brain_Putamen_basal_ganglia			1	1
	1	0.578994884	0.578994884	0.578994884	NA	1	0
	0.998207054						
HIF1A-AS2	ENSG00000258667.1	0.562606593	1	1	0.562606593		
	Brain_Cerebellar_Hemisphere	0.562606593	Brain_Cerebellar_Hemisphere			1	1
	1	0.578974183	0.578974183	0.578974183	NA	1	0
	0.998207054						
RP11-368I23.3	ENSG00000272797.1	0.56263295	1	1	0.56263295	Brain_Amygdala	
	0.56263295	Brain_Amygdala	1	1	1	-0.578935123	-0.578935123
	-0.578935123	NA	1	0	0.998207054		
KB-1000E4.2	ENSG00000260640.1	0.562737724	1	1	0.562737724		
	Brain_Caudate_basal_ganglia	0.562737724	Brain_Caudate_basal_ganglia			1	1
	1	-0.578779857	-0.578779857	-0.578779857	NA	1	0
	0.998207054						
XYLT2	ENSG00000015532.9	0.562771886	1	1	0.562771886	Brain_Amygdala	
	0.562771886	Brain_Amygdala	1	1	1	0.578729236	0.578729236

	0.578729236	NA	1	0	0.998207054				
RP11-2L8.2	ENSG00000270321.1			0.562928986	2	2	0.304095371		
	Brain_Cortex	0.813907615		Brain_Frontal_Cortex_BA9	1.488113447				
	0.511886553	0.511886553		-1.027690641	-0.235387979		-0.63153931		
	0.560242585	2	0	0.998207054					
TTL7	ENSG00000137941.16			0.563012963	1	1	0.563012963		
	Brain_Cerebellar_Hemisphere	0.563012963		Brain_Cerebellar_Hemisphere	1	1			
	1	0.578372045	0.578372045	0.578372045	NA	1	0		
	0.998207054								
ANKFY1	ENSG00000185722.16			0.563190087	1	1	0.563190087		
	Brain_Substantia_nigra	0.563190087		Brain_Substantia_nigra	1	1			
	1	-0.578109658	-0.578109658	-0.578109658	NA	1	0		
	0.998207054								
LINC00943	ENSG00000189238.5			0.563206262	1	1	0.563206262		
	Brain_Cortex	0.563206262		Brain_Cortex	1	1	1	0.578085698	
	0.578085698	0.578085698		NA	1	0	0.998207054		
EIF3F	ENSG00000175390.13			0.563229388	11	4	0.056491448		
	Brain_Caudate_basal_ganglia	0.596471274		Brain_Frontal_Cortex_BA9					
	8.410147305	0.040317767		0.418667595	-1.907225073		-0.52948179		
	-1.201298521	0.50891214	4	0	0.998207054				
HBE1	ENSG00000213931.5			0.563357691	2	2	0.350544168		
	Brain_Frontal_Cortex_BA9	0.621726381		Brain_Hypothalamus	1.034097982				
	0.965902018	0.965902018		-0.493405098	0.933534302		0.220064602		
	1.008998527	2	0	0.998207054					
CEBPA	ENSG00000245848.2			0.563382267	1	1	0.563382267		Brain_Cerebellum
	0.563382267	Brain_Cerebellum	1	1	1	0.577825012	0.577825012		
	0.577825012	NA	1	0	0.998207054				
RP11-80H5.7	ENSG00000240996.1			0.563587986	1	1	0.563587986		
	Brain_Cerebellum	0.563587986		Brain_Cerebellum	1	1	1	-0.577520364	
	-0.577520364	-0.577520364		NA	1	0	0.998207054		
LINC01445	ENSG00000231427.5			0.563802727	2	2	0.583903353		
	Brain_Cortex	0.81130248		Brain_Frontal_Cortex_BA9	1.723498506				
	0.276501494	0.276501494		-0.547692078	0.238746084		-0.154472997		
	0.556095757	2	0	0.998207054					
PLGLB1	ENSG00000183281.14			0.564092266	8	8	0.100789911		
	Brain_Frontal_Cortex_BA9	0.998367509		Brain_Hippocampus	3.344285965				
	0.301196625	0.301196625		-1.641036153	0.409261595		-0.289129953		
	0.694717957	8	0	0.998207054					
ERCC2	ENSG00000104884.14			0.564096768	1	1	0.564096768		
	Brain_Substantia_nigra	0.564096768		Brain_Substantia_nigra	1	1			
	1	-0.576767144	-0.576767144	-0.576767144	NA	1	0		
	0.998207054								
DTNB	ENSG00000138101.18			0.564207302	2	2	0.327518233		
	Brain_Frontal_Cortex_BA9	0.643958398		Brain_Hypothalamus	1.031797705				
	0.968202295	0.968202295		-0.979124974	0.462171419		-0.258476778		
	1.019150453	2	0	0.998207054					
M1AP	ENSG00000159374.17			0.564301026	1	1	0.564301026		
	Brain_Hypothalamus	0.564301026		Brain_Hypothalamus	1	1	1		
	0.576464843	0.576464843		0.576464843	NA	1	0	0.998207054	
CNN2	ENSG00000064666.14			0.564335337	4	3	0.180327025		
	Brain_Hippocampus	0.393893699		Brain_Hypothalamus	2.856833588				
	0.008964815	0.273946199		-1.339748804	-0.852577402		-1.173450402		
	0.221393663	3	0	0.998207054					
PXDN	ENSG00000130508.10			0.564371896	5	5	0.145032073		
	Brain_Hypothalamus	0.809265783		Brain_Cerebellar_Hemisphere	1.688543161				
	0.525786836	0.525786836		-1.457305488	0.748275164		-0.474918422		
	0.816897471	5	0	0.998207054					
AC001226.7	ENSG00000274898.1			0.56453107	2	2	0.337542198		
	Brain_Frontal_Cortex_BA9	0.579526794		Brain_Substantia_nigra					
	1.086329415	0.913670585		0.913670585	-0.554076059		0.959032847		
	0.202478394	1.069929568		2	0	0.998207054			
GPI	ENSG00000105220.14			0.564587272	1	1	0.564587272		Brain_Cortex

	0.564587272	Brain_Cortex	1	1	1	-0.576041291	-0.576041291
	-0.576041291	NA	1	0	0.998207054		
ZNF426	ENSG00000130818.11	0.564601058	2	2	0.28666837		
	Brain_Anterior_cingulate_cortex_BA24	0.506426561			Brain_Cerebellar_Hemisphere		
	1.685015359	0.314984641	0.314984641		-1.065458779	-0.664412146	
	-0.864935463	0.283582793	2	0	0.998207054		
TJAP1	ENSG00000137221.14	0.564752793	1	1	0.564752793		
	Brain_Anterior_cingulate_cortex_BA24	0.564752793					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.575796422		
	-0.575796422	-0.575796422	NA	1	0	0.998207054	
C5orf46	ENSG00000178776.4	0.564857954	2	2	0.285274151		
	Brain_Cerebellum	0.950189339	Brain_Cerebellar_Hemisphere	1.036118312			
	0.963881688	0.963881688	-1.068546312	0.062469012	-0.50303865		
	0.799748605	2	0	0.998207054			
CXCL10	ENSG00000169245.5	0.564937304	1	1	0.564937304		
	Brain_Hippocampus	0.564937304	Brain_Hippocampus	1	1	1	
	-0.575523497	-0.575523497	-0.575523497	NA	1	0	0.998207054
TUFT1	ENSG00000143367.15	0.565082379	3	3	0.382414972		
	Brain_Frontal_Cortex_BA9	0.967165973	Brain_Cerebellar_Hemisphere				
	2.220551231	0.220840418	0.220840418	-0.873455278	0.041162971		
	-0.524830009	0.494538347	3	0	0.998207054		
PLA2G16	ENSG00000176485.11	0.565131071	7	7	0.074080409		
	Brain_Cerebellar_Hemisphere	0.824685163	Brain_Anterior_cingulate_cortex_BA24				
	2.646276363	0.091908821	0.091908821	-1.786116428	0.68606643		
	-0.417838861	0.81755301	7	0	0.998207054		
S100Z	ENSG00000171643.13	0.565229009	1	1	0.565229009		
	Brain_Hypothalamus	0.565229009	Brain_Hypothalamus	1	1	1	
	0.575092102	0.575092102	0.575092102	NA	1	0	0.998207054
TAP1	ENSG00000168394.10	0.565346431	2	2	0.291837448	Brain_Cerebellum	
	0.749552393	Brain_Cerebellar_Hemisphere	1.141523934	0.858476066			
	0.858476066	0.319229626	1.05409932	0.686664473	0.519631344	2	
	0	0.998207054					
KIAA2012	ENSG00000182329.12	0.565352389	1	1	0.565352389		
	Brain_Nucleus_accumbens_basal_ganglia	0.565352389					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.574909672		
	0.574909672	0.574909672	NA	1	0	0.998207054	
RTCA	ENSG00000137996.12	0.565355239	4	3	0.246200523	Brain_Amygdala	
	0.796761619	Brain_Nucleus_accumbens_basal_ganglia	2.347302818	0.07306821			
	0.587837932	-1.159627443	0.730338676	-0.100444973	0.813501441		
	3	0	0.998207054				
ZNF548	ENSG00000188785.11	0.565361927	1	1	0.565361927		
	Brain_Spinal_cord_cervical_c-1	0.565361927	Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.574895568	0.574895568	NA	1
	0.998207054						
MMP9	ENSG00000100985.7	0.565368335	1	1	0.565368335		
	Brain_Spinal_cord_cervical_c-1	0.565368335	Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.574886094	0.574886094	NA	1
	0.998207054						
CHD6	ENSG00000124177.14	0.565401073	1	1	0.565401073	Brain_Cortex	
	0.565401073	Brain_Cortex	1	1	1	-0.574837692	-0.574837692
	-0.574837692	NA	1	0	0.998207054		
CENPP	ENSG00000188312.13	0.56557801	13	1	0.388845074	Brain_Hippocampus	
	0.764919387	Brain_Putamen_basal_ganglia	12.61309849	0.00167555			
	12.61309849	-0.86171372	-0.299027076	-0.566993565	0.160756506		
	1	0	0.998207054				
PDK2	ENSG00000005882.11	0.565658325	2	2	0.285897606		
	Brain_Caudate_basal_ganglia	0.64418214	Brain_Spinal_cord_cervical_c-1				
	1.454717822	0.545282178	0.545282178	0.461859415	1.067164398		
	0.764511907	0.428015258	2	0	0.998207054		
FAM53B	ENSG00000189319.13	0.56566479	1	1	0.56566479		
	Brain_Frontal_Cortex_BA9	0.56566479	Brain_Frontal_Cortex_BA9	1	1	1	
	-0.574447837	-0.574447837	-0.574447837	NA	1	0	0.998207054

ATP5D	ENSG00000099624.7	0.56571675	1	1	0.56571675	Brain_Caudate_basal_ganglia			
	0.56571675	Brain_Caudate_basal_ganglia	1	1	1	-0.574371033			
	-0.574371033	-0.574371033	NA	1	0	0.998207054			
FAM149A	ENSG00000109794.13	0.565828191	11	5	0.092328503				
	Brain_Hippocampus	0.613144365			Brain_Cerebellar_Hemisphere	8.189924545			
	0.011825339	0.323389485	-0.505590196		1.683240711	1.043725924			
	0.592120211	5	0	0.998207054					
TULP2	ENSG00000104804.7	0.565974021	4	4	0.106195025	Brain_Cerebellum			
	0.409939787	Brain_Cortex	2.313155919		0.24147154	0.24147154			
	-1.615534365	-0.823999598	-1.101894837		0.369654224	4	0		
	0.998207054								
IFI6	ENSG00000126709.14	0.565975323	1	1	0.565975323				
	Brain_Cerebellar_Hemisphere	0.565975323			Brain_Cerebellar_Hemisphere	1	1		
	1	0.573988885	0.573988885	0.573988885	NA	1	0		
	0.998207054								
LINC00526	ENSG00000264575.1	0.566096455	2	2	0.301611221				
	Brain_Cerebellar_Hemisphere	0.91188274	Brain_Cerebellum	1.147849677					
	0.852150323	0.852150323	-1.032984353		0.110664069	-0.461160142			
	0.808681555	2	0	0.998207054					
CTB-3204.3	ENSG00000276251.1	0.56611715	3	3	0.208649982				
	Brain_Cerebellar_Hemisphere	0.556209435			Brain_Spinal_cord_cervical_c-1				
	1.595611272	0.401584325	0.401584325		-1.257286303	0.601740637			
	-0.022354865	1.069502546	3	0	0.998207054				
GNA13	ENSG00000120063.9	0.566537588	4	4	0.244018128				
	Brain_Anterior_cingulate_cortex_BA24	0.814782322							
	Brain_Spinal_cord_cervical_c-1	1.216327585			0.751786975	0.751786975			
	-0.385909223	1.165002136	0.520099049		0.734302659	4	0		
	0.998207054								
DCSTAMP	ENSG00000164935.6	0.566758205	2	2	0.347424371				
	Brain_Caudate_basal_ganglia	0.742164854			Brain_Hypothalamus	1.176572455			
	0.823427545	0.823427545	-0.939596891		-0.328987873	-0.634292382			
	0.431765778	2	0	0.998207054					
GLIPR2	ENSG00000122694.15	0.567034459	7	7	0.139646068				
	Brain_Hippocampus	0.930314916			Brain_Caudate_basal_ganglia	2.281674018			
	0.225877713	0.225877713	-1.477110318		0.590051001	-0.059255841			
	0.753317622	7	0	0.998207054					
ZNF385D	ENSG00000151789.10	0.567099165	1	1	0.567099165				
	Brain_Putamen_basal_ganglia	0.567099165			Brain_Putamen_basal_ganglia	1	1		
	1	0.572328914	0.572328914	0.572328914	NA	1	0		
	0.998207054								
FES	ENSG00000182511.11	0.567140137	1	1	0.567140137	Brain_Amygdala			
	0.567140137	Brain_Amygdala	1	1	1	0.572268426	0.572268426		
	0.572268426	NA	1	0	0.998207054				
SLC28A2	ENSG00000137860.11	0.567259508	10	4	0.155658533				
	Brain_Anterior_cingulate_cortex_BA24	0.976418728			Brain_Hippocampus				
	7.736517777	0.003201934	0.279288644		-1.419825349	0.199809689			
	-0.320209016	0.494940553	4	0	0.998207054				
METAP2	ENSG00000111142.13	0.567549045	1	1	0.567549045				
	Brain_Hippocampus	0.567549045			Brain_Hippocampus	1	1	1	
	0.571664861	0.571664861	0.571664861		NA	1	0	0.998207054	
SYN2	ENSG00000157152.16	0.567649001	2	2	0.512501325	Brain_Cerebellum			
	0.991675192	Brain_Cerebellar_Hemisphere	1.794178654		0.205821346				
	0.205821346	-0.65494786	-0.010433789		-0.332690824	0.45574027	2		
	0	0.998207054							
MANEAL	ENSG00000185090.14	0.567678523	1	1	0.567678523				
	Brain_Hypothalamus	0.567678523			Brain_Hypothalamus	1	1	1	
	0.571473788	0.571473788	0.571473788		NA	1	0	0.998207054	
ZNF75A	ENSG00000162086.14	0.567712647	2	2	0.339762336				
	Brain_Frontal_Cortex_BA9	0.917105466			Brain_Cerebellar_Hemisphere				
	1.351875963	0.648124037	0.648124037		-0.954634951	0.1040805			
	-0.425277225	0.748624875	2	0	0.998207054				
MTFP1	ENSG00000242114.5	0.567724764	1	1	0.567724764	Brain_Cortex			

	0.567724764	Brain_Cortex	1	1	1	-0.571405556	-0.571405556
	-0.571405556	NA	1	0	0.998207054		
CEP250	ENSG00000126001.15		0.567727928	2	2	0.316442173	
	Brain_Frontal_Cortex_BA9		0.400506848			Brain_Cortex	1.53725849 0.46274151
	0.46274151 -1.001795909		-0.84071637			-0.921256139	0.113900434 2
	0		0.998207054				
ZNF431	ENSG00000196705.8		0.567755875	2	2	0.295701935	
	Brain_Putamen_basal_ganglia		0.600290638			Brain_Cerebellar_Hemisphere	
	1.323169094	0.676830906	0.676830906			-1.045694863	-0.523982606
	-0.784838734	0.368906275	2	0	0.998207054		
NRCAM	ENSG00000091129.19		0.567843645	3	3	0.157012238	
	Brain_Caudate_basal_ganglia		0.784468006			Brain_Cerebellum	2.040676681
	0.129942492	0.129942492	-1.415191904			0.426324583	-0.23845539
	1.021944406	3	0	0.998207054			
STC1	ENSG00000159167.11		0.567870365	1	1	0.567870365	Brain_Cortex
	0.567870365	Brain_Cortex	1	1	1	0.571190725	0.571190725
	0.571190725	NA	1	0	0.998207054		
KLF12	ENSG00000118922.17		0.567928703	1	1	0.567928703	
	Brain_Putamen_basal_ganglia		0.567928703			Brain_Putamen_basal_ganglia	1 1
	1	-0.571104656	-0.571104656	-0.571104656	NA	1	0
	0.998207054						
TESC	ENSG00000088992.17		0.567977825	4	3	0.099709175	Brain_Cortex
	0.603779505	Brain_Nucleus_accumbens_basal_ganglia	2.424690905				
	0.063747924	0.556618146	-1.646265181			-0.518973092	-0.942957585
	0.514996703	3	0	0.998207054			
ABCD4	ENSG00000119688.20		0.568054929	2	2	0.340867472	
	Brain_Anterior_cingulate_cortex_BA24		0.542175135			Brain_Cerebellum	
	1.148664418	0.851335582	0.851335582			-0.952452644	-0.609527071
	-0.780989858	0.242484999	2	0	0.998207054		
FABP5	ENSG00000164687.10		0.56809007	2	2	0.290493047	Brain_Hypothalamus
	0.808033164	Brain_Putamen_basal_ganglia	1.12026471	0.87973529	0.87973529		
	-1.057040625	-0.242964157	-0.650002391	0.575638991	2	0	
	0.998207054						
PRLHR	ENSG00000119973.5		0.56810497	4	4	0.195917002	
	Brain_Cerebellar_Hemisphere		0.921838869			Brain_Cortex	1.960633039
	0.358865564	0.358865564	-0.455190259	1.293271998		0.364627358	
	0.737195822	4	0	0.998207054			
USP24	ENSG00000162402.13		0.568106533	2	2	0.331548923	Brain_Cerebellum
	0.794872357	Brain_Cerebellar_Hemisphere	1.618639752	0.381360248			
	0.381360248	0.259988873	0.970998706	0.615493789		0.502759874	
	2	0	0.998207054				
ZEB2	ENSG00000169554.18		0.56811106	1	1	0.56811106	Brain_Cerebellar_Hemisphere
	0.56811106	Brain_Cerebellar_Hemisphere	1	1	1	-0.570835642	
	-0.570835642	-0.570835642	NA	1	0	0.998207054	
KRT16	ENSG00000186832.8		0.568281292	2	2	0.397517792	
	Brain_Hypothalamus		0.505266919			Brain_Cortex	1.026800211
	0.973199789	0.973199789	-0.846062655	-0.666225589		-0.756144122	
	0.127164009	2	0	0.998207054			
TIMM13	ENSG00000099800.7		0.568324213	12	4	0.202815978	
	Brain_Putamen_basal_ganglia		0.965544917			Brain_Hypothalamus	8.704150908
	1.38E-05	0.402879718	-0.590248364	1.273569638		0.388168614	
	0.586753056	4	0	0.998207054			
SLC4A8	ENSG00000050438.16		0.568339227	5	4	0.177751247	
	Brain_Hippocampus		0.762474545			Brain_Cerebellum	2.669897314
	0.065987893	0.417324648	-1.347711328	-0.302232874		-0.792442963	
	0.417519966	4	0	0.998207054			
MAU2	ENSG00000129933.20		0.568443384	5	5	0.138515727	Brain_Cerebellum
	0.822733395	Brain_Frontal_Cortex_BA9	2.576337297	0.101555669			
	0.101555669	-1.481341004	0.224030725	-1.087904851		0.736704894	
	5	0	0.998207054				
AGAP5	ENSG00000172650.13		0.568451336	1	1	0.568451336	Brain_Cortex
	0.568451336	Brain_Cortex	1	1	1	0.570333776	0.570333776

0.570333776	NA	1	0	0.998207054					
FAAP20	ENSG00000162585.16	0.56851826	9	9	0.154565396				Brain_Cerebellum
0.96102571	Brain_Frontal_Cortex_BA9	3.42330802			0.131590474				0.131590474
-0.822173268	1.423589297	0.175629199			0.706891412				9 0
0.998207054									
DCAF4	ENSG00000119599.16	0.568535788	5	5	0.341480682				
Brain_Cerebellar_Hemisphere	0.967844224				Brain_Hippocampus				2.933197252
0.129199504	0.129199504	-0.729567023			0.951243695				0.249536413
0.686009448	5 0	0.998207054							
PDE6C	ENSG00000095464.9	0.568582935	1	1	0.568582935				
Brain_Hippocampus	0.568582935	Brain_Hippocampus	1	1	1				
0.570139722	0.570139722	0.570139722	NA	1 0	0.998207054				
ZNF202	ENSG00000166261.10	0.568828898	10	4	0.168838862				
Brain_Frontal_Cortex_BA9	0.965073649	Brain_Hypothalamus			7.822288001				
0.023570893	0.295477486	-1.375944352			0.773842759				0.110978774
0.640823841	4 0	0.998207054							
GSTA4	ENSG00000170899.10	0.568863724	2	2	0.418268337				
Brain_Spinal_cord_cervical_c-1	0.709689021	Brain_Caudate_basal_ganglia							
1.339370623	0.660629377	0.660629377			-0.809429157				0.372273776
-0.218577691	0.835590157	2 0			0.998207054				
KIAA1468	ENSG00000134444.13	0.568940857	3	3	0.255069116				
Brain_Cerebellum	0.506441417	Brain_Cerebellar_Hemisphere			2.498698443				
0.085944919	0.085944919	-1.138123022			-0.664388929				-0.851701223
0.251938521	3 0	0.998207054							
CTC-459F4.3	ENSG00000267575.6	0.568973484	5	5	0.142090337				
Brain_Cortex	0.878672594	Brain_Nucleus_accumbens_basal_ganglia							
2.472243528	0.196136512	0.196136512			-1.468051122				-0.152652154
-0.672819461	0.660964049	5 0			0.998207054				
FAM163A	ENSG00000143340.6	0.568981495	5	5	0.331892375				
Brain_Nucleus_accumbens_basal_ganglia	0.890049574	Brain_Frontal_Cortex_BA9							
1.887894369	0.179976503	0.179976503			-0.970309235				0.832811001
-0.012834519	0.794642565	5 0			0.998207054				
EFCAB6	ENSG00000186976.14	0.569028784	5	5	0.361343678				
Brain_Nucleus_accumbens_basal_ganglia	0.810616138	Brain_Putamen_basal_ganglia							
3.153587723	0.17102411	0.17102411			-0.91280772				0.577515282
0.023863914	0.6046591	5 0			0.998207054				
PDZD3	ENSG00000172367.15	0.569064825	1	1	0.569064825				
Brain_Cerebellar_Hemisphere	0.569064825	Brain_Cerebellar_Hemisphere	1	1					
1	-0.569429318	-0.569429318			-0.569429318	NA	1 0		
0.998207054									
CLCNKB	ENSG00000184908.17	0.569443346	4	4	0.414764872				
Brain_Substantia_nigra	0.775668199	Brain_Cerebellar_Hemisphere							
2.458858098	0.144052236	0.144052236			-0.815537214				0.337655731
-0.195277191	0.592666604	4 0			0.998207054				
C11orf57	ENSG00000150776.17	0.569579701	1	1	0.569579701				
Brain_Hypothalamus	0.569579701	Brain_Hypothalamus	1	1	1				
0.568670604	0.568670604	0.568670604	NA	1 0	0.998207054				
CST7	ENSG00000077984.5	0.569584069	1	1	0.569584069				
Brain_Cortex	1 1 1				-0.568664168				-0.568664168
-0.568664168	NA 1 0	0.998207054							
LINC01116	ENSG00000163364.9	0.569728458	4	4	0.201112748				
Brain_Cortex	0.803529533	Brain_Frontal_Cortex_BA9			1.273984282				
0.741853347	0.741853347	-1.278387731			-0.248781847				-0.726539918
0.538439353	4 0	0.998207054							
PTPN21	ENSG00000070778.12	0.569740376	3	3	0.16779864				Brain_Cerebellum
Brain_Hippocampus	1.444637047	0.558412088							
0.558412088	-1.3793118	0.272369457			-0.582188768				0.827337201 3
0	0.998207054								
AC144652.1	ENSG00000273117.1	0.569809959	7	2	0.161602852				
Brain_Cerebellum	0.454798705	Brain_Anterior_cingulate_cortex_BA24			6.21866927				
0.006603691	0.619661625	0.747438845			1.399701075				0.995762302
0.23783389	2 0	0.998207054							

LILRB2	ENSG00000131042.14	0.569837124	1	1	0.569837124	
	Brain_Caudate_basal_ganglia	0.569837124			Brain_Caudate_basal_ganglia	1
	1	0.568291391	0.568291391	0.568291391	NA	1 0
		0.998207054				
SLITRK6	ENSG00000184564.8	0.569869089	3	2	0.33126169	
	Brain_Putamen_basal_ganglia	0.69612357			Brain_Cerebellar_Hemisphere	1.939412058
	0.059749205	1.000838737	0.390558548	0.971575673		0.601478995
	0.321555639	2	0	0.998207054		
LENG9	ENSG00000275183.1	0.569911122	3	3	0.270432496	
	Brain_Putamen_basal_ganglia	0.795271326			Brain_Amygdala	1.08012251
	0.886932542	0.886932542	-0.765308161	1.102067113		0.198743546
	0.93516765	3	0	0.998207054		
CCNG1	ENSG00000113328.18	0.570087545	3	3	0.178596177	
	Brain_Putamen_basal_ganglia	0.583666456			Brain_Spinal_cord_cervical_c-1	
	1.595350208	0.59079182	0.59079182	0.54803706	1.345089984	0.863548011
	0.423672121	3	0	0.998207054		
RP11-403A3.1	ENSG00000274331.1	0.570150027	4	4	0.110202224	
	Brain_Cortex	0.567568126			Brain_Hypothalamus	2.132684452
	0.265669878	0.265669878	-1.59728486	-0.571636701		-1.053966347
	0.529709632	4	0	0.998207054		
RP11-324I22.2	ENSG00000233200.1	0.570198229	13	2	0.340584444	
	Brain_Amygdala	0.97083318			Brain_Hypothalamus	11.33808937
	0.724510696	-0.113062377	0.953011106	0.383519263		0.005824628
	2	0	0.998207054			0.341809857
RP11-807H17.1	ENSG00000227869.1	0.57034707	4	4	0.145188745	
	Brain_Cortex	0.39985788			Brain_Putamen_basal_ganglia	3.095010863
	0.111151027	0.111151027	-1.456737896	-0.841875081		-1.229791911
	0.269069213	4	0	0.998207054		
IFIH1	ENSG00000115267.5	0.570383439	1	1	0.570383439	Brain_Cerebellum
	0.570383439	Brain_Cerebellum	1	1	-0.567486878	-0.567486878
	-0.567486878	NA	1	0	0.998207054	
PRKCA	ENSG00000154229.11	0.570777508	9	9	0.110957041	Brain_Cerebellum
	0.86984628	Brain_Putamen_basal_ganglia	2.191710299	0.397027478		
	0.397027478	-1.593906222	0.970436386	-0.057178298		0.861128749
	9	0	0.998207054			
HSD17B11	ENSG00000198189.10	0.570786018	3	3	0.199394548	
	Brain_Substantia_nigra	0.480838052			Brain_Nucleus_accumbens_basal_ganglia	
	1.778636925	0.416982092	0.416982092	-1.283278425		-0.704955304
	-1.009128461	0.29032818	3	0	0.998207054	
NKX6-1	ENSG00000163623.9	0.570798761	5	4	0.276923926	
	Brain_Nucleus_accumbens_basal_ganglia	0.76259349			Brain_Amygdala	2.654325058
	0.041281034	0.507284989	-0.302076836	1.087255461		0.523296507
	0.559814507	4	0	0.998207054		
GRIK4	ENSG00000149403.12	0.570847014	2	2	0.390823009	
	Brain_Putamen_basal_ganglia	0.505997146			Brain_Caudate_basal_ganglia	
	1.053098302	0.946901698	0.946901698	-0.665083408		0.858125787
	0.09652119	1.077071551	2	0	0.998207054	
NUP35	ENSG00000163002.12	0.570880543	7	5	0.119585739	
	Brain_Putamen_basal_ganglia	0.684677432			Brain_Cerebellar_Hemisphere	
	5.145201989	0.012841309	0.178178448	-1.556514744		-0.406088695
	-1.07288926	0.39084983	5	0	0.998207054	
DENND2C	ENSG00000175984.14	0.570938164	1	1	0.570938164	
	Brain_Cerebellum	0.570938164			Brain_Cerebellum	1 1 1
	0.566670357	0.566670357	NA	1	0	0.998207054
SPECC1	ENSG00000128487.16	0.57095408	5	4	0.278908739	Brain_Cerebellum
	0.976896481	Brain_Cortex	3.756455878	0.034188409		0.144182355
	-0.144177026	1.082774023	0.417891606	0.491126972		4 0
	0.998207054					
NPIP7	ENSG00000233232.6	0.570977706	11	3	0.048010719	
	Brain_Amygdala	0.296693712			Brain_Caudate_basal_ganglia	9.419604453
	0.004933964	0.364824466	-1.977273535	-1.043549837		-1.274691984
	0.266697697	3	0	0.998207054		

RAB43 ENSG00000172780.16 0.571005211 6 5 0.288708451 Brain_Cerebellum
0.983640153 Brain_Putamen_basal_ganglia 3.949449625 0.095281938
0.155587322 -0.770633011 1.060959184 0.136548807 0.612276395
5 0 0.998207054
TBC1D3L ENSG00000274512.5 0.571070919 13 1 0.352063411
Brain_Nucleus_accumbens_basal_ganglia 0.973816822 Brain_Caudate_basal_ganglia
12.25166943 1.15E-16 12.25166943 -0.032821639 0.930594403
0.544666788 0.296384814 1 0 0.998207054
RNF115 ENSG00000265491.4 0.571328882 1 1 0.571328882
Brain_Cerebellar_Hemisphere 0.571328882 Brain_Cerebellar_Hemisphere 1 1
1 -0.566095471 -0.566095471 -0.566095471 NA 1 0
0.998207054
ATP10B ENSG00000118322.12 0.571460066 8 2 0.224906209
Brain_Amygdala 0.46997074 Brain_Cerebellum 7.137905144 0.005480185
0.368863108 -1.213585077 -0.722526661 -0.938932308 0.151387746
2 0 0.998207054
RP11-327J17.9 ENSG00000277135.1 0.571500532 3 3 0.360668637
Brain_Cortex 0.770100489 Brain_Hypothalamus 1.586477116
0.622668986 0.622668986 -0.914091751 0.292243455 -0.49820472
0.684859983 3 0 0.998207054
TBC1D19 ENSG00000109680.10 0.571551097 1 1 0.571551097
Brain_Spinal_cord_cervical_c-1 0.571551097 Brain_Spinal_cord_cervical_c-1
1 1 1 0.565768596 0.565768596 0.565768596 NA 1 0
0.998207054
TXNRD2 ENSG00000184470.20 0.571563958 10 10 0.135778625
Brain_Nucleus_accumbens_basal_ganglia 0.770066293 Brain_Frontal_Cortex_BA9
2.163888775 0.117185509 0.117185509 -1.49169689 0.806373836
-0.577602389 0.709190931 10 0 0.998207054
DHRS2 ENSG00000100867.14 0.571690789 2 2 0.290928182
Brain_Spinal_cord_cervical_c-1 0.977556566 Brain_Cortex 1.025147681
0.974852319 0.974852319 -0.028132383 1.056087628 0.513977622
0.766659322 2 0 0.998207054
CAMSAP1 ENSG00000130559.18 0.571720461 1 1 0.571720461
Brain_Putamen_basal_ganglia 0.571720461 Brain_Putamen_basal_ganglia 1 1
1 -0.565519505 -0.565519505 -0.565519505 NA 1 0
0.998207054
MLIP ENSG00000146147.14 0.571728468 2 1 0.565026182
Brain_Cerebellar_Hemisphere 0.579623926 Brain_Cerebellum 1.994030068
0.005969932 1.994030068 0.553934131 0.575392046 0.564663089
0.015173038 1 0 0.998207054
DRC3 ENSG00000171962.17 0.571766798 4 4 0.249246583
Brain_Nucleus_accumbens_basal_ganglia 0.684864444 Brain_Substantia_nigra
2.366715095 0.198734331 0.198734331 -1.079656317 1.152181292
0.330348948 0.988613497 4 0 0.998207054
TIGAR ENSG00000078237.6 0.571855603 3 3 0.261360392
Brain_Hypothalamus 0.927196191 Brain_Nucleus_accumbens_basal_ganglia
1.28560679 0.686997823 0.686997823 -0.709242906 1.12318156
0.168437228 0.918639769 3 0 0.998207054
C9orf153 ENSG00000187753.12 0.571906863 1 1 0.571906863
Brain_Substantia_nigra 0.571906863 Brain_Substantia_nigra 1 1
1 -0.565245397 -0.565245397 -0.565245397 NA 1 0
0.998207054
CCDC97 ENSG00000142039.3 0.571923022 1 1 0.571923022
Brain_Cerebellum 0.571923022 Brain_Cerebellum 1 1 1 -0.565221636
-0.565221636 -0.565221636 NA 1 0 0.998207054
CFAP206 ENSG00000272514.5 0.572015425 8 3 0.143475622
Brain_Nucleus_accumbens_basal_ganglia 0.898938093 Brain_Caudate_basal_ganglia
6.327557036 0.013283452 0.330745335 -1.462969876 -0.127002913
-0.807748044 0.486464811 3 0 0.998207054
USP47 ENSG00000170242.17 0.572083267 4 4 0.249627698
Brain_Cerebellar_Hemisphere 0.74026239 Brain_Cerebellum 1.127129363
0.827969096 0.827969096 -0.738440122 1.15125414 0.454206238

0.876666014	4	0	0.998207054						
ERICH1	ENSG00000104714.13	0.572150422	9	8	0.023858646				
	Brain_Cerebellar_Hemisphere	0.6594089	Brain_Putamen_basal_ganglia	3.758796355					
0.106195125	0.185218476	0.440729414	2.259397887	1.08036291					
0.564216846	8	0	0.998207054						
COL13A1	ENSG00000197467.13	0.572221723	3	3	0.169765693				
	Brain_Cortex	0.961959177	Brain_Cerebellum	1.724371946	0.274446175				
0.274446175	-1.372957071	0.21818555	-0.369025448	0.873599319	3				
0	0.998207054								
MPP6	ENSG00000105926.15	0.572241654	2	2	0.39294563				
	Brain_Putamen_basal_ganglia	0.522878919	Brain_Cerebellum	1.020233586					
0.979766414	0.979766414	-0.854287646	0.638913941	-0.107686853					
1.055852968	2	0	0.998207054						
BUB1B	ENSG00000156970.12	0.572386604	2	2	0.330682181				
	Brain_Cerebellar_Hemisphere	0.784126559	Brain_Cerebellum	1.137776282					
0.862223718	0.862223718	-0.273945429	0.972740721	0.349397646					
0.881540231	2	0	0.998207054						
MSX2	ENSG00000120149.8	0.572406339	1	1	0.572406339				
	Brain_Substantia_nigra	0.572406339	Brain_Substantia_nigra	1	1				
1	0.564511113	0.564511113	0.564511113	NA	1	0			
0.998207054									
IGF2BP2	ENSG00000073792.15	0.57241692	3	3	0.172989664	Brain_Cerebellum			
0.955307464	Brain_Spinal_cord_cervical_c-1	1.071952338	0.938551252						
0.938551252	-1.362660083	0.343198889	-0.358501435	0.892244073					
3	0	0.998207054							
RP11-9G1.3	ENSG00000250241.5	0.572442673	5	5	0.218917614				
	Brain_Caudate_basal_ganglia	0.97080572	Brain_Hippocampus	2.215329559					
0.234688002	0.234688002	-1.229411358	0.106019864	-0.603676747					
0.648493177	5	0	0.998207054						
KDM2A	ENSG00000173120.14	0.572461901	1	1	0.572461901				
	Brain_Nucleus_accumbens_basal_ganglia	0.572461901							
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.56442945	0.56442945				
0.56442945	NA	1	0	0.998207054					
DNAH5	ENSG00000039139.9	0.572694985	6	5	0.161333636	Brain_Cortex			
0.54465267	Brain_Caudate_basal_ganglia	3.157267382	0.054112671						
0.138017923	-1.196832801	1.400600283	0.465885049	1.101796062					
5	0	0.998207054							
GRIA4	ENSG00000152578.12	0.572738103	1	1	0.572738103				
	Brain_Cerebellar_Hemisphere	0.572738103	Brain_Cerebellar_Hemisphere	1	1				
1	-0.564023553	-0.564023553	-0.564023553	NA	1	0			
0.998207054									
MEP1A	ENSG00000112818.9	0.572910697	1	1	0.572910697				
	Brain_Caudate_basal_ganglia	0.572910697	Brain_Caudate_basal_ganglia	1	1				
1	0.563769962	0.563769962	0.563769962	NA	1	0			
0.998207054									
TDRD3	ENSG00000083544.13	0.572943926	4	4	0.126121772				
	Brain_Cerebellar_Hemisphere	0.765608607	Brain_Caudate_basal_ganglia						
1.915945607	0.427176853	0.427176853	-1.529575767	0.658415313					
-0.021265182	1.01625164	4	0	0.998207054					
RNF11	ENSG00000123091.4	0.572989018	1	1	0.572989018				
	Brain_Caudate_basal_ganglia	0.572989018	Brain_Caudate_basal_ganglia	1	1				
1	-0.563654898	-0.563654898	-0.563654898	NA	1	0			
0.998207054									
SLX4IP	ENSG00000149346.14	0.573013962	1	1	0.573013962				
	Brain_Nucleus_accumbens_basal_ganglia	0.573013962							
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.563618253					
-0.563618253	-0.563618253	NA	1	0	0.998207054				
FANCG	ENSG00000221829.9	0.573288377	4	3	0.623156983				
	Brain_Hypothalamus	0.947070483	Brain_Cortex	3.363853806					
0.106610399	0.175658421	-0.491381023	0.302253475	-0.173190135					
0.368973885	3	0	0.998207054						
GRID1	ENSG00000182771.18	0.573311027	1	1	0.573311027				

	Brain_Putamen_basal_ganglia	0.573311027		Brain_Putamen_basal_ganglia	1	1
	1	-0.563181899	-0.563181899	-0.563181899	NA	1 0
	0.998207054					
USP33	ENSG00000077254.14	0.573394994	2	2	0.328825918	
	Brain_Frontal_Cortex_BA9	0.677325094		Brain_Putamen_basal_ganglia		
	1.712519398	0.287480602	0.287480602	0.416116039	0.976481486	
	0.696298762	0.396238207	2	0	0.998207054	
NRTN	ENSG00000171119.2	0.573441842	1	1	0.573441842	
	Brain_Caudate_basal_ganglia	0.573441842		Brain_Caudate_basal_ganglia	1	1
	1	-0.562989781	-0.562989781	-0.562989781	NA	1 0
	0.998207054					
WDR18	ENSG00000065268.10	0.573444061	13	2	0.183928442	
	Brain_Spinal_cord_cervical_c-1	0.898148274		Brain_Hypothalamus		
	11.85071225	0.000869014	0.643660155	0.128000883	1.328756124	
	0.994878125	0.319536207	2	0	0.998207054	
ADO	ENSG00000181915.4	0.573451824	2	2	0.359943291	
	Brain_Nucleus_accumbens_basal_ganglia	0.724868168		Brain_Caudate_basal_ganglia		
	1.178241338	0.821758662	0.821758662	-0.351960123	0.915473152	
	0.281756514	0.896210664	2	0	0.998207054	
THBS2	ENSG00000186340.14	0.573527535	10	8	0.15759716	Brain_Cerebellum
	0.972832029	Brain_Caudate_basal_ganglia	5.367936727	0.069915959		
	0.20238739	-1.413199207	0.65178138	-0.628973986	0.652226286	8 0
	0.998207054					
CNKSR1	ENSG00000142675.17	0.573670022	13	4	0.143717752	
	Brain_Frontal_Cortex_BA9	0.998018857		Brain_Cortex	10.13840383	
	0.011473563	0.352850222	-0.002482997	1.46208561	0.699861627	
	0.454556232	4	0	0.998207054		
SORCS2	ENSG00000184985.16	0.573739503	3	2	0.37396481	
	Brain_Spinal_cord_cervical_c-1	0.612876587		Brain_Hippocampus		
	2.047294451	0.046067354	0.906638195	-0.889071211	0.5059716	
	-0.351644316	0.750617657	2	0	0.998207054	
RP11-138A9.2	ENSG00000273319.1	0.573885558	1	1	0.573885558	
	Brain_Hypothalamus	0.573885558		Brain_Hypothalamus	1 1 1	
	0.562338286	0.562338286	0.562338286	NA	1 0	0.998207054
CHRM4	ENSG00000180720.7	0.57392839	1	1	0.57392839	
	Brain_Spinal_cord_cervical_c-1	0.57392839		Brain_Spinal_cord_cervical_c-1	1	1
	1	1	-0.56227541	-0.56227541	-0.56227541	NA 1 0
	0.998207054					
DNAJB5	ENSG00000137094.14	0.573996049	1	1	0.573996049	
	Brain_Substantia_nigra	0.573996049		Brain_Substantia_nigra	1	1
	1	0.562176092	0.562176092	0.562176092	NA	1 0
	0.998207054					
RP4-760C5.3	ENSG00000231081.1	0.573997796	6	3	0.211888565	
	Brain_Nucleus_accumbens_basal_ganglia	0.43238758		Brain_Amygdala	5.064931454	
	0.016306431	0.253721227	-1.248389192	-0.785112554	-1.021541928	
	0.188439056	3	0	0.998207054		
KPNA6	ENSG00000025800.13	0.574087138	5	4	0.249752191	
	Brain_Putamen_basal_ganglia	0.972440908		Brain_Amygdala	2.416616393	
	0.063085466	0.578805894	-0.8152332	1.150951495	0.132066789	
	0.890542486	4	0	0.998207054		
MARK1	ENSG00000116141.15	0.574150071	3	2	0.318349754	Brain_Amygdala
	0.975274049	Brain_Putamen_basal_ganglia	2.165314698	0.001756503		
	0.832928799	-0.997854837	0.047557152	-0.327097344	0.582219285	
	2	0	0.998207054			
NAT14	ENSG00000090971.4	0.574163566	6	6	0.089840177	Brain_Cortex
	0.835413714	Brain_Caudate_basal_ganglia	1.357749785	0.708100638		
	0.708100638	-1.696241377	0.671656078	-0.217665953	0.913049286	
	6	0	0.998207054			
LINC01322	ENSG00000244128.5	0.574181201	2	2	0.448501249	
	Brain_Substantia_nigra	0.57768107		Brain_Anterior_cingulate_cortex_BA24		
	1.209248128	0.790751872	0.790751872	-0.757916038	0.556775142	
	-0.100570448	0.929627048	2	0	0.998207054	

CHIT1 ENSG00000133063.15 0.57418952 2 2 0.344869376
 Brain_Frontal_Cortex_BA9 0.50047403 Brain_Cortex 1.913767379
 0.086232621 0.086232621 -0.944587764 -0.673744083 -0.809165924
 0.191515403 2 0 0.998207054
 BAHCC1 ENSG00000266074.8 0.574286072 1 1 0.574286072
 Brain_Cerebellar_Hemisphere 0.574286072 Brain_Cerebellar_Hemisphere 1 1
 1 0.561750426 0.561750426 0.561750426 NA 1 0
 0.998207054
 PCDHB8 ENSG00000120322.3 0.574341757 13 3 0.346556579
 Brain_Frontal_Cortex_BA9 0.964144155 Brain_Nucleus_accumbens_basal_ganglia
 10.40703654 0.001707215 0.482062719 -0.274945542 0.94128939
 0.301730762 0.426952524 3 0 0.998207054
 CHMP2A ENSG00000130724.8 0.574420179 2 2 0.435390087
 Brain_Cerebellar_Hemisphere 0.863758848 Brain_Cerebellum 1.783512106
 0.216487894 -0.216487894 0.171591299 -0.78000134 0.47579632
 0.430210865 2 0 0.998207054
 ZWINT ENSG00000122952.16 0.574439558 2 2 0.326491111
 Brain_Hippocampus 0.555886665 Brain_Nucleus_accumbens_basal_ganglia
 1.220464627 0.779535373 0.779535373 0.58896215 0.981206112
 0.785084131 0.277358366 2 0 0.998207054
 ADRB1 ENSG00000043591.5 0.574478025 1 1 0.574478025 Brain_Cortex
 0.574478025 Brain_Cortex 1 1 1 0.561468754 0.561468754
 0.561468754 NA 1 0 0.998207054
 DHRS9 ENSG00000073737.16 0.574544168 1 1 0.574544168
 Brain_Substantia_nigra 0.574544168 Brain_Substantia_nigra 1 1
 1 -0.561371706 -0.561371706 -0.561371706 NA 1 0
 0.998207054
 HCG27 ENSG00000206344.7 0.574576513 13 5 0.066496364
 Brain_Frontal_Cortex_BA9 0.452139878 Brain_Spinal_cord_cervical_c-1
 9.690257973 0.005108533 0.364613595 0.751852313 1.835062944
 1.397057699 0.351312225 5 0 0.998207054
 ZNF337 ENSG00000130684.13 0.574582401 6 4 0.237733261
 Brain_Cortex 0.941702413 Brain_Nucleus_accumbens_basal_ganglia
 4.370174297 0.033860325 0.236713166 -0.165551695 1.180671466
 0.674191107 0.621589535 4 0 0.998207054
 KLHL25 ENSG00000183655.12 0.574601796 4 4 0.110455898
 Brain_Anterior_cingulate_cortex_BA24 0.900667905 Brain_Cerebellum
 1.807472281 0.35747267 0.35747267 0.124817661 1.596147354
 0.738335536 0.625283554 4 0 0.998207054
 ADPGK ENSG00000159322.17 0.574605195 2 2 0.294008682
 Brain_Hippocampus 0.55361297 Brain_Caudate_basal_ganglia 1.626499456
 0.373500544 0.373500544 0.592354885 1.049368213 0.820861549
 0.323157224 2 0 0.998207054
 KLF7 ENSG00000118263.14 0.574628061 3 3 0.31550094
 Brain_Cerebellar_Hemisphere 0.480458772 Brain_Anterior_cingulate_cortex_BA24
 1.131316313 0.85103092 0.85103092 -0.851180673 1.003746245
 -0.184333102 1.03147971 3 0 0.998207054
 PHLDB1 ENSG00000019144.18 0.574812868 2 1 0.433707839
 Brain_Cerebellar_Hemisphere 0.739787799 Brain_Cerebellum 1.975269811
 0.024730189 1.975269811 0.332134369 0.782862537 0.557498453
 0.318712944 1 0 0.998207054
 SOCS5 ENSG00000171150.7 0.574866049 3 3 0.336532035
 Brain_Putamen_basal_ganglia 0.663938956 Brain_Frontal_Cortex_BA9
 1.315545139 0.682239501 0.682239501 -0.434481321 0.961040043
 0.436057635 0.759227874 3 0 0.998207054
 RP4-564F22.7 ENSG00000275401.1 0.574898555 6 3 0.190725167
 Brain_Cerebellar_Hemisphere 0.993122868 Brain_Nucleus_accumbens_basal_ganglia
 5.073817553 -0.012742128 0.309543732 -1.30843689 0.008619314
 -0.447787836 0.447904343 3 0 0.998207054
 RP4-811H24.9 ENSG00000233775.1 0.574921937 1 1 0.574921937
 Brain_Putamen_basal_ganglia 0.574921937 Brain_Putamen_basal_ganglia 1 1
 1 0.560817528 0.560817528 0.560817528 NA 1 0

	0.998207054								
APRT	ENSG00000198931.10	0.574952066	6	4	0.095430485	Brain_Cortex			
	0.337145483	Brain_Nucleus_accumbens_basal_ganglia			4.224501986				
	0.066655949	0.235313069			0.959820659	1.667422185		1.322793136	
	0.250036534	4	0		0.998207054				
MOV10L1	ENSG00000073146.15	0.574953292	6	6	0.400404884				
	Brain_Nucleus_accumbens_basal_ganglia	0.900804078			Brain_Hypothalamus				
	3.1419631	0.168606464			0.168606464	-0.519015091		0.840898347	
	0.200300433	0.563022641	6	0	0.998207054				
TFR2	ENSG00000106327.12	0.574954497	1	1	0.574954497				
	Brain_Nucleus_accumbens_basal_ganglia	0.574954497							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.56076977	0.56076977			
	0.56076977	NA	1	0	0.998207054				
NECTIN4	ENSG00000143217.8	0.574964805	1	1	0.574964805				
	Brain_Cortex	0.574964805	Brain_Cortex	1	1	1	0.560754651		
	0.560754651	0.560754651	NA	1	0	0.998207054			
NKD2	ENSG00000145506.13	0.57501007	10	3	0.038227134				
	Brain_Caudate_basal_ganglia	0.658852745			Brain_Cortex	7.688272001			
	0.01365243	0.544877841			0.441497674	2.072410935		1.161446946	
	0.462026877	3	0		0.998207054				
EIF2B2	ENSG00000119718.10	0.575037384	11	6	0.220405769				
	Brain_Frontal_Cortex_BA9	0.853428288	Brain_Hippocampus		7.182931425				
	0.007997591	0.259959739			-0.890312447	1.225449864		0.474554846	
	0.64670111	6	0		0.998207054				
KLF5	ENSG00000102554.13	0.575297977	2	2	0.295921203				
	Brain_Cerebellar_Hemisphere	0.408998208	Brain_Cerebellum		1.712686301				
	0.287313699	0.287313699			-1.045220213	-0.825657851		-0.935439032	
	0.155254036	2	0		0.998207054				
ARPC5	ENSG00000162704.15	0.575454874	2	2	0.2966822	Brain_Hypothalamus			
	0.461608955	Brain_Cerebellar_Hemisphere	1.781426235		0.218573765				
	0.218573765	-1.043574707			-0.736200062	-0.889887384		0.217346696	
	2	0			0.998207054				
CTA-14H9.5	ENSG00000261353.1	0.575463634	1	1	0.575463634				
	Brain_Frontal_Cortex_BA9	0.575463634	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.56002317			-0.56002317	-0.56002317	NA	1	0
	0.998207054								
FAM27C	ENSG00000154537.4	0.575528102	1	1	0.575528102				
	Brain_Cerebellum	0.575528102	Brain_Cerebellum	1	1	1	-0.559928656		
	-0.559928656	-0.559928656	NA	1	0	0.998207054			
RP11-374M1.5	ENSG00000235659.1	0.575528102	1	1	0.575528102				
	Brain_Nucleus_accumbens_basal_ganglia	0.575528102							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.559928656				
	-0.559928656	-0.559928656	NA	1	0	0.998207054			
RP11-211N8.2	ENSG00000226007.2	0.575528102	2	1	0.575528102				
	Brain_Cerebellar_Hemisphere	0.575528102	Brain_Cerebellar_Hemisphere	2					
	3.53E-16	2			-0.559928656	-0.559928656	-0.559928656	0	1
	0.998207054								0
SMU1	ENSG00000122692.8	0.575553693	2	2	0.343213145				
	Brain_Nucleus_accumbens_basal_ganglia	0.584582349	Brain_Hippocampus						
	1.099807675	0.900192325			0.900192325	0.546703646		0.947835618	
	0.747269632	0.283643138	2	0	0.998207054				
SPATA6	ENSG00000132122.11	0.575562299	8	6	0.115176568				
	Brain_Caudate_basal_ganglia	0.974225892	Brain_Cerebellum		4.144855173				
	0.005689458	0.253701625			-1.575346147	0.305111719		-0.707702623	
	0.634213189	6	0		0.998207054				
DNTTIP2	ENSG00000067334.13	0.575593679	1	1	0.575593679				
	Brain_Amygdala	0.575593679	Brain_Amygdala	1	1	1	0.559832521		
	0.559832521	0.559832521	NA	1	0	0.998207054			
POLR2C	ENSG00000102978.12	0.575651495	7	6	0.239609079				
	Brain_Substantia_nigra	0.678656117	Brain_Caudate_basal_ganglia						
	3.892935914	0.017536088			0.248796651	-1.175964459		1.104793294	
	0.448105304	0.884929584	6	0	0.998207054				

CDH11	ENSG00000140937.13	0.575792577	4	4	0.192938762	Brain_Cerebellum
	0.95661696	Brain_Anterior_cingulate_cortex_BA24	1.497364091	0.438120673		
	0.438120673	-1.301934546	0.197269146	-0.458250228	0.709367987	
	4	0	0.998207054			
BVES	ENSG00000112276.13	0.57580188	4	4	0.285212902	
	Brain_Cerebellar_Hemisphere	0.545849669	Brain_Hippocampus	1.2248553		
	0.813611547	-0.813611547	-1.068682185	0.88082567	0.297058008	
	0.917587672	4	0	0.998207054		
RAB26	ENSG00000167964.12	0.575889202	1	1	0.575889202	Brain_Cerebellum
	0.575889202	Brain_Cerebellum1	1	1	-0.559399354	-0.559399354
	-0.559399354	NA	1	0	0.998207054	
CILP	ENSG00000138615.5	0.575985361	2	2	0.340629477	Brain_Cerebellum
	0.758400106	Brain_Hypothalamus	1.13661679	0.86338321	0.86338321	
	-0.952922228	-0.30758241	-0.630252319	0.456324161	2	0
	0.998207054					
Clorf198	ENSG00000119280.16	0.576016157	1	1	0.576016157	
	Brain_Hippocampus	0.576016157	Brain_Hippocampus	1	1	1
	-0.559213301	-0.559213301	-0.559213301	NA	1	0
					0.998207054	
SLC6A15	ENSG00000072041.16	0.576024597	2	2	0.382619282	
	Brain_Hippocampus	0.578780262	Brain_Cortex	1.032556391		
	0.967443609	0.967443609	-0.555167258	0.873080353	0.158956548	
	1.009923571	2	0	0.998207054		
FOXL2	ENSG00000183770.5	0.576261019	1	1	0.576261019	
	Brain_Cerebellar_Hemisphere	0.576261019	Brain_Cerebellar_Hemisphere1	1	1	
	1	-0.558854508	-0.558854508	-0.558854508	NA	1
					0	
	0.998207054					
CFAP57	ENSG00000243710.7	0.576270675	2	2	0.552566607	
	Brain_Frontal_Cortex_BA9	0.95829265	Brain_Cortex	1.851781332		
	0.148218668	0.148218668	0.052296239	0.593918527	0.323107383	
	0.382984793	2	0	0.998207054		
CHST11	ENSG00000171310.10	0.576377707	2	2	0.300692355	
	Brain_Cerebellar_Hemisphere	0.803177727	Brain_Cerebellum1	1.071508255		
	0.928491745	-0.928491745	-1.034949802	0.249236655	-0.392856573	
	0.908056953	2	0	0.998207054		
CYP4F12	ENSG00000186204.14	0.5764221	8	7	0.139330284	
	Brain_Putamen_basal_ganglia	0.892896821	Brain_Anterior_cingulate_cortex_BA24			
	4.707164527	0.066520245	0.244790752	-0.161937316	1.478289587	
	0.54796366	0.648458061	7	0	0.998207054	
MYO1F	ENSG00000142347.16	0.5764575	2	2	0.299235944	
	Brain_Caudate_basal_ganglia	0.924965861	Brain_Frontal_Cortex_BA9			
	1.236080698	0.763919302	0.763919302	0.094180391	1.038073271	
	0.566126831	0.667433056	2	0	0.998207054	
RP11-760H22.2	ENSG00000254343.2	0.576460061	2	2	0.301245584	
	Brain_Spinal_cord_cervical_c-1	0.835139401	Brain_Cerebellar_Hemisphere			
	1.364985138	0.635014862	0.635014862	-1.03376597	0.208114711	
	-0.41282563	0.87814225	2	0	0.998207054	
HMCES	ENSG00000183624.13	0.576492339	1	1	0.576492339	Brain_Cortex
	0.576492339	Brain_Cortex	1	1	1	0.558515624
	0.558515624	NA	1	0	0.998207054	
LINC00578	ENSG00000228221.5	0.576554138	1	1	0.576554138	
	Brain_Cortex	0.576554138	Brain_Cortex	1	1	1
	-0.558425099	-0.558425099	NA	1	0	0.998207054
LNX1	ENSG00000072201.13	0.576859347	2	2	0.301869424	
	Brain_Frontal_Cortex_BA9	0.773995404	Brain_Cerebellum1	1.099385512		
	0.900614488	0.900614488	0.287152698	1.032432778	0.659792738	
	0.526992598	2	0	0.998207054		
ZC3H7B	ENSG00000100403.11	0.576885384	2	2	0.313651916	
	Brain_Cerebellum	0.483323384	Brain_Frontal_Cortex_BA9	1.435191695		
	0.564808305	0.564808305	-1.007588784	-0.700967361	-0.854278073	
	0.216814087	2	0	0.998207054		
CBL	ENSG00000110395.6	0.577064475	9	4	0.146073244	
	Brain_Substantia_nigra	0.884397125	Brain_Amygdala	5.607815759		

	0.004175789	0.359674413	-0.655434783	1.4535423	0.28478689				
	0.808142942	4	0	0.998207054					
LINC02139	ENSG00000278214.1	0.57711698	2	2	0.329279512				
	Brain_Putamen_basal_ganglia	0.488566698			Brain_Caudate_basal_ganglia				
	1.339386249	0.660613751	0.660613751		-0.975566137			-0.692590302	
	-0.83407822	0.200094132	2	0	0.998207054				
RHOJ	ENSG00000126785.12	0.577255836	1	1	0.577255836			Brain_Cortex	
	0.577255836	Brain_Cortex	1	1	1	-0.557397555		-0.557397555	
	-0.557397555	NA	1	0	0.998207054				
SUMO3	ENSG00000184900.15	0.577294416	1	1	0.577294416				
	Brain_Anterior_cingulate_cortex_BA24	0.577294416							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.557341076				
	0.557341076	0.557341076	NA	1	0	0.998207054			
COX10	ENSG00000006695.10	0.577299049	3	3	0.187635949				
	Brain_Hippocampus	0.833031626			Brain_Substantia_nigra			1.141687989	
	0.841202233	0.841202233	-1.317604885		-0.21081501			-0.620493379	
	0.606802532	3	0	0.998207054					
SCAPER	ENSG00000140386.12	0.577309211	8	6	0.079846152				
	Brain_Anterior_cingulate_cortex_BA24	0.983422186			Brain_Hippocampus				
	4.164104886	0.046946673	0.139753159		-1.751579431			0.288124984	
	-0.340066432	0.753926688	6	0	0.998207054				
ESPL1	ENSG00000135476.11	0.577333241	5	2	0.295581574				
	Brain_Substantia_nigra	0.669366258			Brain_Nucleus_accumbens_basal_ganglia				
	4.148705703	0.024107804	0.739704045		0.427017944			1.04595551	
	0.652002765	0.233276943	2	0	0.998207054				
UTS2	ENSG00000049247.13	0.577362321	3	3	0.208845387			Brain_Cerebellum	
	0.458736073	Brain_Spinal_cord_cervical_c-1	1.881589028		0.143894416				
	0.143894416	-1.256746657	0.74092969		-0.559068799			1.126840851	3
	0	0.998207054							
GM2A	ENSG00000196743.8	0.577423675	5	4	0.265847228				
	Brain_Spinal_cord_cervical_c-1	0.988079412			Brain_Cerebellum			2.892746405	
	0.088708717	0.461264304	-0.963921623		1.112676882			0.008460016	
	0.769352052	4	0	0.998207054					
ARID5A	ENSG00000196843.15	0.57743134	2	2	0.296255756				
	Brain_Nucleus_accumbens_basal_ganglia	0.830374273			Brain_Caudate_basal_ganglia				
	1.123597294	0.876402706	0.876402706		0.214221573			1.04449646	
	0.629359017	0.587093003	2	0	0.998207054				
CHMP1B	ENSG00000255112.2	0.577597206	2	2	0.325985757				
	Brain_Spinal_cord_cervical_c-1	0.63783749			Brain_Nucleus_accumbens_basal_ganglia				
	1.110244515	0.889755485	0.889755485		-0.470724495			0.982231613	
	0.255753559	1.027395117	2	0	0.998207054				
HDAC2	ENSG00000196591.11	0.577612727	1	1	0.577612727				
	Brain_Substantia_nigra	0.577612727			Brain_Substantia_nigra			1	1
	1	0.556875161	0.556875161		0.556875161			NA	1
	0.998207054							0	
TXK	ENSG00000074966.10	0.577639443	1	1	0.577639443				
	Brain_Anterior_cingulate_cortex_BA24	0.577639443							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.556836061				
	-0.556836061	-0.556836061	NA	1	0	0.998207054			
ZDHHC14	ENSG00000175048.16	0.577703707	4	4	0.326407705				
	Brain_Cerebellum	0.574925292			Brain_Substantia_nigra			1.546700641	
	0.683099574	0.683099574	-0.981375294		0.58903195			-0.438264355	
	0.706188518	4	0	0.998207054					
BBX	ENSG00000114439.18	0.577745354	2	2	0.300880342			Brain_Amygdala	
	0.949352899	Brain_Cerebellum	1.096559938		0.903440062			0.903440062	
	-1.034547374	0.063519416	-0.485513979		0.776450473			2	0
	0.998207054								
AC008060.7	ENSG00000218672.1	0.577770861	10	10	0.116444683				
	Brain_Caudate_basal_ganglia	0.795341425			Brain_Hypothalamus			1.611219862	
	0.426600401	0.426600401	-1.412697451		1.569872902			0.378359254	
	0.993761627	10	0	0.998207054					
PLCH2	ENSG00000149527.17	0.577787061	4	4	0.289473062				

	Brain_Nucleus_accumbens_basal_ganglia	0.663574132		Brain_Cerebellum	
	1.168440238	0.830628186	0.830628186	-0.434983875	1.059278284
	0.612072007	0.701489641	4	0	0.998207054
ZNF584	ENSG00000171574.17	0.577940726	12	3	0.40701172
	Brain_Spinal_cord_cervical_c-1	0.924939359			
	Brain_Nucleus_accumbens_basal_ganglia	9.305738578		0.003953623	
	0.339614996	-0.82916381	0.34256969	-0.172353957	0.429314687
	0	0.998207054			3
CH17-189H20.1	ENSG00000274265.4	0.577962539	6	5	0.228641569
	Brain_Frontal_Cortex_BA9	0.926625809		Brain_Hippocampus	2.987366576
	8.13E-17	0.190542051	-0.770849228	1.203865498	-0.038919816
	0.912768655	5	0	0.998207054	
ZC3H6	ENSG00000188177.13	0.578011419	2	2	0.308150402
	Brain_Hippocampus	0.689077497		Brain_Hypothalamus	1.159857849
	0.840142151	0.840142151	0.400107287	1.019110727	0.709609007
	0.43770153	2	0	0.998207054	
PSMD5	ENSG00000095261.13	0.578017351	2	2	0.296511987
	Brain_Caudate_basal_ganglia	0.424403292		Brain_Putamen_basal_ganglia	
	1.710923742	0.289076258	0.289076258	0.798805343	1.043942513
	0.921373928	0.173338155	2	0	0.998207054
TCTN3	ENSG00000119977.20	0.5780974	8	5	0.357007501
	Brain_Spinal_cord_cervical_c-1	0.913588677		Brain_Cerebellar_Hemisphere	
	4.348072468	0.05734012	0.257845335	-0.921082223	0.461669743
	-0.253615055	0.456439942	5	0	0.998207054
ZNF324B	ENSG00000249471.7	0.578192764	3	3	0.485212338
	Brain_Cerebellum	0.871866796		Brain_Cerebellar_Hemisphere	2.630429236
	0.118770611	0.118770611	-0.198265462	0.697943806	0.220322021
	0.451011695	3	0	0.998207054	
CDH12	ENSG00000154162.14	0.578315548	4	4	0.091816726
	Brain_Putamen_basal_ganglia	0.946002473		Brain_Spinal_cord_cervical_c-1	
	1.857361203	0.176778619	0.176778619	-1.68589136	0.102147467
	-0.398108354	0.861999486	4	0	0.998207054
TBC1D16	ENSG00000167291.15	0.578469394	4	4	0.324519356
	Brain_Cerebellum	0.899816738		Brain_Frontal_Cortex_BA9	1.644455002
	0.398778681	0.398778681	-0.342833668	0.985213204	0.294291596
	0.630897902	4	0	0.998207054	
SDF4	ENSG00000078808.16	0.578516697	2	2	0.296953253
	Brain_Cortex				
	0.391862583	Brain_Hypothalamus	1.770768877	0.229231123	
	0.229231123	-1.04298929	-0.856244445	-0.949616868	0.132048546
	2	0	0.998207054		
RBMS3	ENSG00000144642.21	0.578600219	1	1	0.578600219
	Brain_Anterior_cingulate_cortex_BA24	0.578600219			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.555430524
	-0.555430524	-0.555430524	NA	1	0
				0.998207054	
SHD	ENSG00000105251.10	0.57869301	7	6	0.172102586
	Brain_Cerebellar_Hemisphere	0.948955488		Brain_Nucleus_accumbens_basal_ganglia	
	2.467313741	0.009742184	0.14284737	-1.096537299	1.365478881
	0.535438806	0.883343395	6	0	0.998207054
EXOSC3	ENSG00000107371.12	0.579049859	4	4	0.280944352
	Brain_Frontal_Cortex_BA9	0.717544509		Brain_Nucleus_accumbens_basal_ganglia	
	2.485885001	0.298148191	0.298148191	-0.779396545	1.07820036
	-0.199513465	0.872162924	4	0	0.998207054
LINC01115	ENSG00000272342.1	0.579077226	2	1	0.556185302
	Brain_Anterior_cingulate_cortex_BA24	0.604958221		Brain_Hypothalamus	
	1.986806067	0.013193933	1.986806067	-0.588517037	-0.517283571
	-0.552900304	0.050369667	1	0	0.998207054
YTHDC2	ENSG00000047188.15	0.579200866	3	2	0.262728898
	Brain_Cerebellum	0.606384042		Brain_Cerebellar_Hemisphere	2.57443152
	0.066169812	0.359398668	-1.119964481	-0.51524183	-0.884368561
	0.323720913	2	0	0.998207054	
ITGB1BP1	ENSG00000119185.12	0.579297706	1	1	0.579297706
	Brain_Anterior_cingulate_cortex_BA24	0.579297706			

	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.554410844	
	0.554410844	0.554410844	NA	1	0	0.998207054
TMEM179	ENSG00000258986.6	0.579299982	1	1	0.579299982	
	Brain_Caudate_basal_ganglia	0.579299982		Brain_Caudate_basal_ganglia	1	1
	1	0.554407518	0.554407518	0.554407518	NA	1
	0.998207054				0	
RP11-400K9.4	ENSG00000237807.3	0.579385335	2	2	0.415405611	
	Brain_Nucleus_accumbens_basal_ganglia	0.501521601		Brain_Hippocampus		
	1.021866901	0.978133099	0.978133099	-0.81441786	0.672097542	
	-0.071160159	1.051125121	2	0	0.998207054	
PCNA	ENSG00000132646.10	0.579514528	1	1	0.579514528	
	Brain_Anterior_cingulate_cortex_BA24	0.579514528				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.554093983	
	-0.554093983	-0.554093983	NA	1	0	0.998207054
COL6A6	ENSG00000206384.10	0.579514627	1	1	0.579514627	
	Brain_Putamen_basal_ganglia	0.579514627		Brain_Putamen_basal_ganglia	1	1
	1	-0.554093838	-0.554093838	-0.554093838	NA	1
	0.998207054				0	
RP11-57A19.2	ENSG00000246465.1	0.579570004	1	1	0.579570004	
	Brain_Cerebellum	0.579570004	Brain_Cerebellum	1	1	1
	-0.55401292	-0.55401292	NA	1	0	0.998207054
PPCDC	ENSG00000138621.11	0.579597321	10	2	0.349266095	Brain_Amygdala
	0.851344833	Brain_Putamen_basal_ganglia	8.93343852	0.011563565		
	0.312278704	0.187402793	0.936013775	0.565786187	0.294487304	
	2	0	0.998207054			
OR6B3	ENSG00000178586.4	0.579624541	1	1	0.579624541	
	Brain_Hippocampus	0.579624541	Brain_Hippocampus	1	1	1
	-0.553933232	-0.553933232	-0.553933232	NA	1	0
						0.998207054
ABL1	ENSG00000097007.17	0.579645048	4	4	0.179933421	
	Brain_Hypothalamus	0.706976955	Brain_Spinal_cord_cervical_c-1	1.24008321		
	0.769285403	0.769285403	-0.424430827	1.340960058	0.540630229	
	0.754438552	4	0	0.998207054		
MOXD1	ENSG00000079931.14	0.579668656	2	2	0.30874018	
	Brain_Cerebellar_Hemisphere	0.721026215	Brain_Hippocampus	1.123126902		
	0.876873098	0.876873098	-0.357087617	1.017869076	0.330390729	
	0.972241201	2	0	0.998207054		
ABHD15	ENSG00000168792.4	0.579709715	4	2	0.398044274	
	Brain_Cerebellum	0.77749997	Brain_Putamen_basal_ganglia	3.539826319		
	0.026537633	0.383127182	-0.845119227	0.282578491	-0.286281698	
	0.460447275	2	0	0.998207054		
SYNJ2BP	ENSG00000213463.4	0.579722311	2	2	0.315143363	
	Brain_Frontal_Cortex_BA9	0.723094392	Brain_Cerebellum	1.069368041		
	0.930631959	0.930631959	-1.004488186	-0.354326258	-0.679407222	
	0.459733908	2	0	0.998207054		
SP5	ENSG00000204335.3	0.579762833	2	2	0.333158762	Brain_Amygdala
	0.474772184	Brain_Anterior_cingulate_cortex_BA24	1.360720578			
	0.639279422	0.639279422	-0.967770975	-0.714736008	-0.841253492	
	0.178922742	2	0	0.998207054		
FCER1A	ENSG00000179639.10	0.579898207	4	4	0.126104829	
	Brain_Anterior_cingulate_cortex_BA24	0.783929974	Brain_Caudate_basal_ganglia			
	1.409541434	0.606015723	0.606015723	-1.529644172	0.480081045	
	-0.539804423	0.852037249	4	0	0.998207054	
TLE3	ENSG00000140332.15	0.579898461	1	1	0.579898461	
	Brain_Hippocampus	0.579898461	Brain_Hippocampus	1	1	1
	0.553533042	0.553533042	0.553533042	NA	1	0
						0.998207054
TAF1B	ENSG00000115750.16	0.579898683	2	2	0.313549591	Brain_Cerebellum
	0.469806137	Brain_Cerebellar_Hemisphere	1.856603679	0.143396321		
	0.143396321	0.722794516	1.007801863	0.86529819	0.201530628	2
	0	0.998207054				
RP11-756G20.1	ENSG00000277851.1	0.580181524	2	2	0.419987634	
	Brain_Substantia_nigra	0.530687488	Brain_Spinal_cord_cervical_c-1			
	1.042917142	0.957082858	0.957082858	-0.6269569	0.806442701	

	0.089742901	1.013566578	2	0	0.998207054		
THG1L	ENSG00000113272.13	0.580186187	6	5	0.146336367		
	Brain_Caudate_basal_ganglia	0.903512098			Brain_Spinal_cord_cervical_c-1		
	2.2175651	0.022829845	0.760186255		-0.391936559	1.452594527	
	0.473655499	0.695100078	5	0	0.998207054		
UQCRH	ENSG00000173660.11	0.580298192	2	2	0.29925572		
	Brain_Nucleus_accumbens_basal_ganglia	0.401515132			Brain_Cortex		
	1.859615468	0.140384532	0.140384532		0.838918345	1.038030791	
	0.938474568	0.14079376	2	0	0.998207054		
EPHB2	ENSG00000133216.16	0.580337496	3	3	0.20020935	Brain_Cortex	
	0.728848851	Brain_Putamen_basal_ganglia	1.856561352		0.177846269		
	0.177846269	-0.369367162	1.280955349		0.188310321	0.946326478	
	3	0	0.998207054				
PUF60	ENSG00000179950.13	0.580407679	1	1	0.580407679	Brain_Cerebellum	
	0.580407679	Brain_Cerebellum	1	1	-0.552789325	-0.552789325	
	-0.552789325	NA	1	0	0.998207054		
ACCSL	ENSG00000205126.2	0.580434729	1	1	0.580434729		
	Brain_Cerebellar_Hemisphere	0.580434729			Brain_Cerebellar_Hemisphere	1	1
	1	0.552749827	0.552749827	0.552749827	NA	1	0
	0.998207054						
BSN	ENSG00000164061.4	0.580441462	1	1	0.580441462	Brain_Cortex	
	0.580441462	Brain_Cortex	1	1	-0.552739995	-0.552739995	
	-0.552739995	NA	1	0	0.998207054		
PRKRIP1	ENSG00000128563.13	0.580715524	8	6	0.191464161		
	Brain_Cortex	0.891723146			Brain_Spinal_cord_cervical_c-1	4.910852059	
	0.095926353	0.221681724			-0.319653218	1.306259983	0.64598707
	0.604978303	6	0	0.998207054			
RP11-351J23.2	ENSG00000272549.1	0.580728514	2	2	0.324732864		
	Brain_Caudate_basal_ganglia	0.725255468			Brain_Nucleus_accumbens_basal_ganglia		
	1.009321322	0.990678678	0.990678678		0.351443746	0.98477854	
	0.668111143	0.447835328	2	0	0.998207054		
CD5	ENSG00000110448.10	0.580743161	3	2	0.314851564	Brain_Amygdala	
	0.769686374	Brain_Cerebellum	2.000947365		0.006739522	0.992313113	
	0.292785157	1.005094051	0.560985331		0.387367852	2	0
	0.998207054						
SSU72	ENSG00000160075.11	0.580802531	6	3	0.164476431	Brain_Cortex	
	0.980201802	Brain_Caudate_basal_ganglia	4.295613974		0.024346656		
	0.558811478	-1.390172733	0.024815909		-0.439274801	0.504299662	
	3	0	0.998207054				
CNOT8	ENSG00000155508.13	0.580819538	7	4	0.084760591		
	Brain_Nucleus_accumbens_basal_ganglia	0.230436812			Brain_Substantia_nigra		
	5.548669974	0.032217631	0.237040825		-1.723707887	-1.199234406	
	-1.439301369	0.183838938	4	0	0.998207054		
APOC2	ENSG00000234906.9	0.580984767	5	2	0.246850257		
	Brain_Nucleus_accumbens_basal_ganglia	0.584815838			Brain_Cerebellum		
	3.859996616	0.002585323	0.951167277		-0.561989283	1.158033766	
	0.474915825	0.630175946	2	0	0.998207054		
VAPB	ENSG00000124164.15	0.580989831	13	2	0.283202783		
	Brain_Hypothalamus	0.974498099			Brain_Substantia_nigra	11.24319722	
	0.002691594	0.96573925	-1.073152312		0.237557866	-0.46537504	
	0.368057623	2	0	0.998207054			
NPM3	ENSG00000107833.10	0.581026482	6	4	0.307833408		
	Brain_Hippocampus	0.809029259			Brain_Amygdala	4.179567116	
	0.080347242	0.174060555	-1.01977874		0.688562159	0.246995117	
	0.641982895	4	0	0.998207054			
LINS1	ENSG00000140471.16	0.581048982	3	3	0.300550695		
	Brain_Anterior_cingulate_cortex_BA24	0.979561394			Brain_Cerebellum		
	2.250872395	0.232923385	0.232923385		-0.025618796	1.035253167	
	0.585278809	0.548438282	3	0	0.998207054		
SLC25A15	ENSG00000102743.14	0.58115412	1	1	0.58115412		
	Brain_Substantia_nigra	0.58115412	Brain_Substantia_nigra	1	1	1	
	0.551699693	0.551699693	0.551699693	NA	1	0	0.998207054

NAALAD2	ENSG00000077616.10	0.581172139	9	5	0.320070158		
	Brain_Substantia_nigra	0.936182473				Brain_Caudate_basal_ganglia	
	5.754004797	0.027780438	0.240286163	-0.809885872	0.994313721		
	-0.131224327	0.602182372	5	0	0.998207054		
NUPL2	ENSG00000136243.16	0.581191517	13	1	0.277408751		
	Brain_Putamen_basal_ganglia	0.779397649				Brain_Spinal_cord_cervical_c-1	
	12.23274307	0.005991825	12.23274307	0.280104087	1.086158778		
	0.53755879	0.225839905	1	0	0.998207054		
HNRNPA3	ENSG00000170144.20	0.581338978	1	1	0.581338978		
	Brain_Hippocampus	0.581338978				Brain_Hippocampus	1 1 1
	-0.551429945	-0.551429945	-0.551429945	NA	1	0	0.998207054
CCDC74A	ENSG00000163040.14	0.581423061	9	4	0.125952653		
	Brain_Cortex	0.598698929				Brain_Nucleus_accumbens_basal_ganglia	
	7.344801133	0.033522532	0.292308298	-1.530258916	-0.52627244		
	-0.853300691	0.343629804	4	0	0.998207054		
ABHD16A	ENSG00000204427.11	0.581481857	2	2	0.407323301		
	Brain_Caudate_basal_ganglia	0.471076684				Brain_Cerebellar_Hemisphere	
	1.113607069	0.886392931	0.886392931	-0.828613227	0.720728321		
	-0.053942453	1.095549915	2	0	0.998207054		
DNAJC18	ENSG00000170464.9	0.581562724	6	3	0.213429452		
	Brain_Spinal_cord_cervical_c-1	0.786695777				Brain_Cerebellar_Hemisphere	
	4.184858946	0.021438616	0.64613176	-1.244190521	0.270603794		
	-0.927666225	0.590384466	3	0	0.998207054		
INPP5D	ENSG00000168918.13	0.581637344	1	1	0.581637344		
	Brain_Cerebellar_Hemisphere	0.581637344				Brain_Cerebellar_Hemisphere	1 1
	1	-0.550994647	-0.550994647	-0.550994647	NA	1	0
	0.998207054						
CANX	ENSG00000127022.14	0.581648314	13	7	0.071914448		
	Brain_Spinal_cord_cervical_c-1	0.923622487				Brain_Hypothalamus	8.58967953
	0.004380389	0.342338469	0.09587168	1.799659323	1.177276777		
	0.600296916	7	0	0.998207054			
C2orf74	ENSG00000237651.6	0.581725274	13	1	0.485074685		
	Brain_Amygdala	0.652481244				Brain_Spinal_cord_cervical_c-1	12.85197267
	6.60E-05	12.85197267	0.450317887	0.698163924	0.548035831		
	0.08607805	1	0	0.998207054			
HPSE	ENSG00000173083.14	0.581786023	3	3	0.279194208		
	Brain_Hippocampus	0.404828492				Brain_Cerebellum	1.807094609
	0.192624722	0.192624722	0.833028792	1.082131259	0.980465184		
	0.130706546	3	0	0.998207054			
ATXN2L	ENSG00000168488.18	0.582006509	1	1	0.582006509		
	Brain_Caudate_basal_ganglia	0.582006509				Brain_Caudate_basal_ganglia	1 1
	1	0.550456202	0.550456202	0.550456202	NA	1	0
	0.998207054						
AKT1	ENSG00000142208.15	0.582067604	4	4	0.114586289		
	Brain_Substantia_nigra	0.697673371				Brain_Cerebellar_Hemisphere	
	2.275087524	0.091739949	0.091739949	0.38846308	1.577909992		
	0.779408034	0.543063976	4	0	0.998207054		
MLLT11	ENSG00000213190.3	0.58210384	2	2	0.333414039		
	Brain_Anterior_cingulate_cortex_BA24	0.641098049				Brain_Cerebellum	
	1.087592665	0.912407335	0.912407335	-0.466164093	0.967260071		
	0.250547989	1.013583946	2	0	0.998207054		
RP11-162A12.4	ENSG00000278107.1	0.582152183	2	2	0.298244225		
	Brain_Caudate_basal_ganglia	0.402490605				Brain_Nucleus_accumbens_basal_ganglia	
	1.807252205	0.192747795	0.192747795	0.837181411	1.040205956		
	0.938693683	0.143560032	2	0	0.998207054		
YWHAH	ENSG00000128245.14	0.582211655	3	3	0.291485509		
	Brain_Cerebellar_Hemisphere	0.732539723				Brain_Cerebellum	1.469584598
	0.614963851	0.614963851	-1.054868417	0.341749093	-0.390427903		
	0.700768357	3	0	0.998207054			
OGFR	ENSG00000060491.16	0.582326396	11	10	0.13290153	Brain_Amygdala	
	0.900460591	Brain_Frontal_Cortex_BA9	3.885868063	0.121522857			
	0.295784339	-0.957682389	1.50275773	0.384855673	0.783049037		10

0	0.998207054								
ZDHC11	ENSG00000188818.12	0.58233373	10	9	0.051151112				
	Brain_Frontal_Cortex_BA9	0.883123006			Brain_Spinal_cord_cervical_c-1				
	3.857060056	0.035644803			0.20251534	-0.79542837		1.95020985	0.46643299
	0.885255699	9	0	0.998207054					
GLIDR	ENSG00000278175.3	0.582381326	1	1	0.582381326				
	Brain_Cerebellar_Hemisphere	0.582381326			Brain_Cerebellar_Hemisphere	1	1		
	1	0.549909678	0.549909678	0.549909678	NA	1	0		
	0.998207054								
OR51E1	ENSG00000180785.8	0.582488006	1	1	0.582488006				
	Brain_Caudate_basal_ganglia	0.582488006			Brain_Caudate_basal_ganglia	1	1		
	1	0.549754157	0.549754157	0.549754157	NA	1	0		
	0.998207054								
SAP25	ENSG00000205307.11	0.582490675	12	3	0.265778628				
	Brain_Hypothalamus	0.982281998			Brain_Nucleus_accumbens_basal_ganglia				
	9.847630419	3.33E-09	0.496891219		-0.503391699		1.112836566		
	-0.020163485	0.507179908	3	0	0.998207054				
MSRB2	ENSG00000148450.12	0.582499394	4	4	0.272226332				
	Brain_Frontal_Cortex_BA9	0.913049493			Brain_Nucleus_accumbens_basal_ganglia				
	2.469439006	0.168895272	0.168895272		-0.580170765		1.09794998		
	0.064086249	0.72128695	4	0	0.998207054				
FAM86B2	ENSG00000145002.12	0.58250052	7	7	0.199009875				
	Brain_Hippocampus	0.990550677			Brain_Nucleus_accumbens_basal_ganglia				
	1.869532743	0.239112091	0.239112091		-0.195960701		1.284377575		
	0.496598418	0.577706854	7	0	0.998207054				
LINC01616	ENSG00000261340.1	0.582524364	3	3	0.225928893				
	Brain_Cortex	0.88468763	Brain_Caudate_basal_ganglia	1.358801879					
	0.636029544	0.636029544	-0.560849708		1.210912625		0.168344494		
	0.926519215	3	0	0.998207054					
FBXL19	ENSG00000099364.16	0.582526164	1	1	0.582526164				
	Brain_Nucleus_accumbens_basal_ganglia	0.582526164							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.549698532				
	0.549698532	0.549698532	NA	1	0	0.998207054			
ZFP1	ENSG00000184517.11	0.582714074	13	2	0.15914358	Brain_Cerebellum			
	0.685465894	Brain_Amygdala	11.05740721		0.001267669	1.002769029			
	-1.407957755	-0.405015804	-0.918442088		0.287623698	2	0		
	0.998207054								
NDUFS7	ENSG00000115286.19	0.582828747	2	1	0.511598462				
	Brain_Cerebellar_Hemisphere	0.662939325			Brain_Cerebellum	1.977105289			
	0.022894711	1.977105289	-0.656350765		-0.435858599		-0.546104682		
	0.155911505	1	0	0.998207054					
NDUFAF1	ENSG00000137806.8	0.582832994	12	2	0.160838177				
	Brain_Hypothalamus	0.596719006	Brain_Frontal_Cortex_BA9	10.51189992					
	0.000477133	0.68592365	-0.557973581		1.402258136		0.835354828		
	0.488039935	2	0	0.998207054					
STEAP1B	ENSG00000105889.14	0.58305629	6	5	0.366672416				
	Brain_Substantia_nigra	0.793823841			Brain_Putamen_basal_ganglia				
	3.659343325	0.119754624	0.243750361		-0.902723962		0.509437497		
	-0.128480009	0.563743299	5	0	0.998207054				
PDE4A	ENSG00000065989.15	0.583069682	2	2	0.414084539				
	Brain_Cerebellar_Hemisphere	0.481125537			Brain_Cerebellum	1.079285893			
	0.920714107	0.920714107	-0.816726859		-0.704493435		-0.760610147		
	0.079361015	2	0	0.998207054					
CRYZL1	ENSG00000205758.11	0.583071701	1	1	0.583071701				
	Brain_Spinal_cord_cervical_c-1	0.583071701			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.548903464	-0.548903464	-0.548903464	NA	1	0
	0.998207054								
BMS1	ENSG00000165733.7	0.583080894	7	6	0.171463927				
	Brain_Caudate_basal_ganglia	0.750498896			Brain_Frontal_Cortex_BA9				
	4.439600602	0.013636766	0.1966973		0.317981597		1.367515039		
	0.931065548	0.355034536	6	0	0.998207054				
LA16c-381G6.1	ENSG00000260532.1	0.583146866	1	1	0.583146866				

	Brain_Substantia_nigra	0.583146866		Brain_Substantia_nigra	1	1
1	0.548793945	0.548793945	0.548793945	NA	1	0
	0.998207054					
CEP112	ENSG00000154240.16	0.583324879	4	4	0.315029621	
	Brain_Spinal_cord_cervical_c-1	0.947490584		Brain_Cortex	1.498497449	
	0.437606581	0.437606581	-1.004724307	0.689904604	-0.333276945	
	0.806764087	4	0	0.998207054		
HAR1A	ENSG00000225978.3	0.583439921	11	11	0.021721977	
	Brain_Caudate_basal_ganglia	0.943467169		Brain_Nucleus_accumbens_basal_ganglia		
	2.090515895	0.348622753	0.348622753	-2.29519456	1.188175461	
	-0.295703636	1.025581274	11	0	0.998207054	
RP4-798A10.4	ENSG00000224174.2	0.583500146	1	1	0.583500146	
	Brain_Cerebellar_Hemisphere	0.583500146		Brain_Cerebellar_Hemisphere1	1	1
1	-0.54827929	-0.54827929	-0.54827929	NA	1	0
	0.998207054					
PCDHB10	ENSG00000120324.8	0.58366782	8	7	0.065162189	
	Brain_Caudate_basal_ganglia	0.959930833		Brain_Cerebellum	5.069711001	
	0.082491932	0.185128434	0.050240381	1.844143784	0.741713828	
	0.547357705	7	0	0.998207054		
NECAB3	ENSG00000125967.16	0.583742837	1	1	0.583742837	
	Brain_Cerebellum	0.583742837		Brain_Cerebellum1	1	1
	0.547925823	0.547925823	NA	1	0	0.998207054
WDR31	ENSG00000148225.15	0.583784404	4	3	0.462845282	
	Brain_Cerebellar_Hemisphere	0.919212161		Brain_Cerebellum	2.792483826	
	0.023594309	0.358775386	-0.367129579	0.734169759	0.020090143	
	0.4888016	3	0	0.998207054		
CDHR5	ENSG00000099834.18	0.583942253	1	1	0.583942253	Brain_Cerebellum
	0.583942253	Brain_Cerebellum1	1	1	0.547635435	0.547635435
	0.547635435	NA	1	0	0.998207054	
CHIC2	ENSG00000109220.10	0.583946077	1	1	0.583946077	
	Brain_Putamen_basal_ganglia	0.583946077		Brain_Putamen_basal_ganglia1	1	1
1	-0.547629867	-0.547629867	-0.547629867	NA	1	0
	0.998207054					
SIGLEC12	ENSG00000254521.6	0.583982518	2	2	0.451370405	
	Brain_Hypothalamus	0.804770458		Brain_Amygdala	1.494705541	
	0.505294459	0.505294459	-0.753132319	0.247178016	-0.252977151	
	0.707326221	2	0	0.998207054		
SAP30	ENSG00000164105.3	0.583995386	1	1	0.583995386	
	Brain_Hippocampus	0.583995386		Brain_Hippocampus	1	1
	0.547558071	0.547558071	0.547558071	NA	1	0
	0.998207054					
HAAO	ENSG00000162882.14	0.584037697	9	7	0.027621865	
	Brain_Caudate_basal_ganglia	0.840356972		Brain_Frontal_Cortex_BA9		
	4.564105108	0.00138308	0.33483163	0.20143689	2.202615436	1.236188027
	0.561551789	7	0	0.998207054		
NHLRC1	ENSG00000187566.5	0.584106688	3	3	0.168290885	
	Brain_Nucleus_accumbens_basal_ganglia	0.952090947		Brain_Cerebellar_Hemisphere		
	1.563383299	0.428464762	0.428464762	-0.06008122	1.37771634	
	0.752079712	0.736823549	3	0	0.998207054	
HLA-DPA1	ENSG00000231389.7	0.584198265	3	2	0.309700007	
	Brain_Nucleus_accumbens_basal_ganglia	0.771190629		Brain_Cerebellar_Hemisphere		
	2.349233426	0.008173883	0.64259269	0.290817855	1.01585171	
	0.552890543	0.402101553	2	0	0.998207054	
GCC2	ENSG00000135968.20	0.584300234	4	4	0.19579986	Brain_Cortex
	0.680933211	Brain_Cerebellar_Hemisphere	2.421239012	0.082970116		
	0.082970116	0.411190013	1.293610888	0.89534762	0.363663121	4
	0	0.998207054				
RARS	ENSG00000113643.8	0.584352636	5	4	0.129643803	
	Brain_Frontal_Cortex_BA9	0.40111108		Brain_Cerebellar_Hemisphere	3.875591241	
	0.024334138	0.140215667	-1.515508011	-0.839638545	-1.117406029	
	0.263476461	4	0	0.998207054		
ZNF25	ENSG00000175395.15	0.584387092	12	3	0.175056838	
	Brain_Cerebellar_Hemisphere	0.688035351		Brain_Caudate_basal_ganglia		

	9.464197499	0.005180713	0.48593517	0.40152267	1.356133053				
	0.753381367	0.309626427	3	0	0.998207054				
ENHO	ENSG00000168913.6	0.584593892	1	1	0.584593892				
	Brain_Hypothalamus	0.584593892		Brain_Hypothalamus	1	1	1		
	0.546686847	0.546686847	0.546686847	NA	1	0	0.998207054		
SCCPDH	ENSG00000143653.9	0.584613701	2	2	0.325422053				
	Brain_Nucleus_accumbens_basal_ganglia	0.362251527		Brain_Frontal_Cortex_BA9					
	1.684449819	0.315550181	0.315550181	-0.983376742	-0.911083219				
	-0.947229981	0.05111924	2	0	0.998207054				
DCUN1D4	ENSG00000109184.14	0.584671029	3	3	0.201062938				
	Brain_Spinal_cord_cervical_c-1	0.7922502		Brain_Nucleus_accumbens_basal_ganglia					
	1.851761151	0.175869689	0.175869689	-0.263389737	1.27852908				
	0.688994303	0.832540149	3	0	0.998207054				
PRR4	ENSG00000111215.11	0.5846963	13	4	0.199190649				
	Brain_Substantia_nigra	0.973378297		Brain_Spinal_cord_cervical_c-1					
	9.911328976	0.002575267	0.373458168	-0.18385551	1.283860846				
	0.24832101	0.388259022	4	0	0.998207054				
MTG2	ENSG00000101181.17	0.584717553	9	6	0.192531684				
	Brain_Cerebellar_Hemisphere	0.890611712		Brain_Spinal_cord_cervical_c-1					
	4.694115143	0.070002447	0.246908692	-1.303126188	0.896004116				
	-0.429675206	0.82490048	6	0	0.998207054				
TMEFF2	ENSG00000144339.11	0.58479258	1	1	0.58479258		Brain_Cerebellum		
	0.58479258	Brain_Cerebellum	1	1	0.546397715	0.546397715			
	0.546397715	NA	1	0	0.998207054				
MTHFD1L	ENSG00000120254.15	0.584795768	4	4	0.23737588				
	Brain_Hypothalamus	0.606306803		Brain_Putamen_basal_ganglia	1.464023667				
	0.672161811	0.672161811	-1.181571218	0.565040307	-0.196909295				
	0.875043153	4	0	0.998207054					
POLR3E	ENSG00000058600.15	0.584801249	1	1	0.584801249				
	Brain_Caudate_basal_ganglia	0.584801249		Brain_Caudate_basal_ganglia	1	1			
	1	-0.546385101	-0.546385101	-0.546385101	NA	1	0		
	0.998207054								
HHIPL2	ENSG00000143512.12	0.584875984	3	3	0.375303733				
	Brain_Amygdala	0.589354478		Brain_Cerebellar_Hemisphere	2.084694145				
	0.292983222	0.292983222	-0.886582474	0.539771712	-0.329427323				
	0.762659888	3	0	0.998207054					
NR1I2	ENSG00000144852.17	0.584881277	1	1	0.584881277				
	Brain_Hypothalamus	0.584881277		Brain_Hypothalamus	1	1	1		
	0.546268659	0.546268659	0.546268659	NA	1	0	0.998207054		
EP400NL	ENSG00000185684.12	0.58493154	13	5	0.111632039				
	Brain_Frontal_Cortex_BA9	0.971223539		Brain_Cortex	9.148359269				
	0.007556495	0.324895829	-1.590900192	-0.036073768	-0.751248613				
	0.555700093	5	0	0.998207054					
BCL11B	ENSG00000127152.17	0.585002999	1	1	0.585002999				
	Brain_Caudate_basal_ganglia	0.585002999		Brain_Caudate_basal_ganglia	1	1			
	1	-0.546091563	-0.546091563	-0.546091563	NA	1	0		
	0.998207054								
SLC25A25	ENSG00000148339.12	0.585055014	1	1	0.585055014				
	Brain_Caudate_basal_ganglia	0.585055014		Brain_Caudate_basal_ganglia	1	1			
	1	0.54601589	0.54601589	0.54601589	NA	1	0	0.998207054	
RBPJ	ENSG00000168214.20	0.585059023	2	2	0.348021917				
	Brain_Putamen_basal_ganglia	0.557495634		Brain_Caudate_basal_ganglia					
	1.165225832	0.834774168	0.834774168	0.586565388	0.938433032				
	0.76249921	0.248807997	2	0	0.998207054				
TRIP11	ENSG00000100815.12	0.585078287	2	2	0.378065663				
	Brain_Cerebellum	0.674125593		Brain_Amygdala	1.133649424	0.866350576			
	0.866350576	-0.881465973	-0.420492656	-0.650979315	0.325957358				
	2	0	0.998207054						
DSCAM	ENSG00000171587.14	0.585160564	2	2	0.332245166				
	Brain_Cerebellar_Hemisphere	0.6808626		Brain_Hypothalamus	1.050502226				
	0.949497774	0.949497774	-0.969601499	-0.41128632	-0.690443909				
	0.394788449	2	0	0.998207054					

UHRF1BP1	ENSG00000065060.16	0.585226498	12	2	0.339900677			
	Brain_Amygdala	0.935282699				Brain_Anterior_cingulate_cortex_BA24		
	10.84225336	0.000261953	0.603253845		-0.95436152		0.245893231	
	-0.363045064	0.308548967	2	0	0.998207054			
LINC00327	ENSG00000232977.6	0.585240328	3	3	0.166740505			
	Brain_Frontal_Cortex_BA9	0.886683347				Brain_Putamen_basal_ganglia		
	1.113418263	0.89225726	0.89225726	-1.382753358	-0.142502193			
	-0.601274344	0.680191537	3	0	0.998207054			
TMIE	ENSG00000181585.3	0.585248813	2	2	0.356598364			
	Brain_Nucleus_accumbens_basal_ganglia	0.571709568				Brain_Frontal_Cortex_BA9		
	1.105686489	0.894313511	0.894313511	-0.565535525	0.921866215			
	0.178165345	1.051751857	2	0	0.998207054			
TBL1XR1	ENSG00000177565.16	0.585483794	4	4	0.265354333			
	Brain_Amygdala	0.760600819				Brain_Caudate_basal_ganglia	1.202582147	
	0.874274993	0.874274993	-1.113824852		0.955830145		0.221876054	
	0.930758353	4	0	0.998207054				
FAM193A	ENSG00000125386.15	0.585570479	1	1	0.585570479			
	Brain_Hypothalamus	0.585570479				Brain_Hypothalamus	1	1
	0.545266153	0.545266153	0.545266153	NA	1	0	0.998207054	
SCART1	ENSG00000214279.13	0.585612003	12	5	0.301412377			
	Brain_Cerebellum	0.84762407	Brain_Caudate_basal_ganglia	8.343480749				
	0.007289603	0.30146297	-1.033409341		0.368028326		-0.259373809	
	0.440866618	5	0	0.998207054				
DMAP1	ENSG00000178028.13	0.585643803	2	2	0.318244545			
	Brain_Frontal_Cortex_BA9	0.467501252				Brain_Cortex	1.86476795	0.13523205
	0.13523205	0.726550678	0.998071796		0.862311237		0.191994423	2
	0	0.998207054						
CTD-2561B21.11	ENSG00000262873.1	0.585672838	4	4	0.220916633			
	Brain_Putamen_basal_ganglia	0.69545824	Brain_Frontal_Cortex_BA9	1.256365695				
	0.808461721	0.808461721	-1.22409436		0.690843046		-0.220433841	
	0.909589999	4	0	0.998207054				
GTF3A	ENSG00000122034.14	0.585733316	5	5	0.208596608			
	Brain_Spinal_cord_cervical_c-1	0.747143145				Brain_Putamen_basal_ganglia		
	2.171309254	0.445645293	0.445645293	-0.678257804	1.257433769			
	0.034618266	0.829654915	5	0	0.998207054			
RP11-546K22.3	ENSG00000272024.1	0.585734773	1	1	0.585734773			
	Brain_Hippocampus	0.585734773				Brain_Hippocampus	1	1
	0.545027254	0.545027254	0.545027254	NA	1	0	0.998207054	
SPATA2	ENSG00000158480.10	0.58573691	2	2	0.322223199			
	Brain_Cerebellar_Hemisphere	1.661466865				Brain_Cerebellum		
	0.379069041	-0.989899591	-0.879612914		-0.934756253		0.338533135	
	0.338533135						0.077984457	
	2	0	0.998207054					
HACD2	ENSG00000206527.9	0.585747915	2	2	0.361550787			
	Brain_Hypothalamus	0.730682159				Brain_Substantia_nigra		1.737673543
	0.262326457	0.262326457	0.344218249		0.912414068		0.628316158	
	0.401775116	2	0	0.998207054				
SLC35G6	ENSG00000259224.2	0.585767927	1	1	0.585767927			
	Brain_Caudate_basal_ganglia	0.585767927				Brain_Caudate_basal_ganglia	1	1
	1	-0.54497905	-0.54497905	-0.54497905	NA	1	0	
	0.998207054							
RP11-834C11.4	ENSG00000250742.2	0.585782076	1	1	0.585782076			
	Brain_Cerebellum	0.585782076				Brain_Cerebellum	1	1
	0.544958477	0.544958477	NA	1	0	0.998207054		
RP11-576D8.4	ENSG00000224717.1	0.585919703	1	1	0.585919703			
	Brain_Cerebellum	0.585919703				Brain_Cerebellum	1	1
	-0.544758386	-0.544758386	NA	1	0	0.998207054		-0.544758386
AF064860.7	ENSG00000231713.2	0.585932865	3	3	0.382819343			
	Brain_Nucleus_accumbens_basal_ganglia	0.917117256				Brain_Caudate_basal_ganglia		
	2.000020305	0.341077689	0.341077689	-0.872713343	0.36623636			
	-0.134137113	0.652919984	3	0	0.998207054			
FRMD5	ENSG00000171877.20	0.586026907	1	1	0.586026907			
	Brain_Caudate_basal_ganglia	0.586026907				Brain_Caudate_basal_ganglia	1	1

1	-0.544602541	-0.544602541	-0.544602541	NA	1	0
0.998207054						
SPATA22	ENSG00000141255.12	0.586185461	4	4	0.133359526	
Brain_Nucleus_accumbens_basal_ganglia	0.945066323	Brain_Substantia_nigra				
1.34336772	0.713578004	0.713578004	0.068903638	1.500984673		
0.616657281	0.631877968	4	0	0.998207054		
METTL5	ENSG00000138382.14	0.58621873	2	2	0.469673486	
Brain_Anterior_cingulate_cortex_BA24	0.797597817	Brain_Cerebellum				
1.518615918	0.481384082	0.481384082	-0.256457211	0.723010415		
0.233276602	0.6925882	2	0	0.998207054		
DLG4	ENSG00000132535.18	0.586330175	3	3	0.209254424	
Brain_Hippocampus	0.846730138	Brain_Cortex	1.205814275			
0.790013693	0.790013693	-1.255618215	-0.193292196	-0.753890244		
0.533604167	3	0	0.998207054			
SDR16C5	ENSG00000170786.12	0.586330487	5	5	0.20837236	
Brain_Frontal_Cortex_BA9	0.87947513	Brain_Putamen_basal_ganglia	2.332489173			
0.357512987	0.357512987	-1.001112224	1.258053634	0.071266695		
0.846601994	5	0	0.998207054			
PLEKHD1	ENSG00000175985.9	0.58633867	3	3	0.254957733	
Brain_Caudate_basal_ganglia	0.579198226	Brain_Frontal_Cortex_BA9				
1.064090798	0.946897295	0.946897295	-1.138389843	-0.554556242		
-0.750120242	0.336254376	3	0	0.998207054		
C19orf53	ENSG00000104979.8	0.586347353	10	2	0.302385997	
Brain_Cerebellum	0.5920125	Brain_Anterior_cingulate_cortex_BA24	9.279525572			
5.48E-08	0.484966125	-1.031330209	-0.535921941	-0.692643408		
0.134699554	2	0	0.998207054			
DMXL2	ENSG00000104093.13	0.586556351	2	2	0.632272136	Brain_Cerebellum
0.735157541	Brain_Cerebellar_Hemisphere	1.685635055	0.314364945			
0.314364945	-0.338272904	0.478531252	0.070129174	0.577567757		
2	0	0.998207054				
RBFA	ENSG00000101546.12	0.58658852	5	3	0.20700607	Brain_Cerebellar_Hemisphere
0.896928321	Brain_Nucleus_accumbens_basal_ganglia	2.713061217				
0.019967909	0.487885466	0.129542597	1.26184082	0.798743254		
0.443626031	3	0	0.998207054			
RP4-669P10.20	ENSG00000281538.1	0.586728006	11	3	0.159469388	
Brain_Caudate_basal_ganglia	0.787543977	Brain_Hippocampus	9.442917497			
0.003024301	0.439435558	0.269501254	1.406858378	0.957678058		
0.359257338	3	0	0.998207054			
BRDT	ENSG00000137948.18	0.586748962	1	1	0.586748962	
Brain_Putamen_basal_ganglia	0.586748962	Brain_Putamen_basal_ganglia	1	1		
1	0.543553215	0.543553215	0.543553215	NA	1	0
0.998207054						
GLT8D1	ENSG00000016864.18	0.586862186	1	1	0.586862186	
Brain_Amygdala	0.586862186	Brain_Amygdala	1	1	1	0.543388727
0.543388727	0.543388727	NA	1	0	0.998207054	
ACAT2	ENSG00000120437.8	0.586894603	2	2	0.368446121	
Brain_Putamen_basal_ganglia	0.593171361	Brain_Spinal_cord_cervical_c-1				
1.030699271	0.969300729	0.969300729	-0.53424598	0.899387826		
0.182570923	1.013732186	2	0	0.998207054		
NTAN1	ENSG00000157045.8	0.586998546	5	5	0.401887385	
Brain_Frontal_Cortex_BA9	0.932842566	Brain_Cerebellum	2.764542021			
0.173137663	0.173137663	-0.497200792	0.83825521	0.070554356		
0.503442708	5	0	0.998207054			
CAMKK1	ENSG00000004660.14	0.587182185	2	2	0.335137102	
Brain_Cerebellar_Hemisphere	0.51373057	Brain_Cerebellum	1.314482857			
0.685517143	0.685517143	-0.963818156	-0.653039878	-0.808429017		
0.219753428	2	0	0.998207054			
EDIL3	ENSG00000164176.12	0.587206931	1	1	0.587206931	Brain_Cerebellum
0.587206931	Brain_Cerebellum	1	1	1	-0.542887981	-0.542887981
-0.542887981	NA	1	0	0.998207054		
LINC01664	ENSG00000235478.4	0.587266249	10	4	0.203101765	
Brain_Cerebellar_Hemisphere	0.960344705	Brain_Hypothalamus	6.801871533			

	0.000389867	0.845892477	-1.272764098	0.417659651	-0.179544495			
	0.553859662	4	0	0.998207054				
ALKAL2	ENSG00000189292.15	0.587358615	2	2	0.310615947			
	Brain_Caudate_basal_ganglia	0.983559597			Brain_Spinal_cord_cervical_c-1			
	1.16472269	0.83527731	0.83527731	-1.013930436	0.020606448	-0.496661994		
	0.731528046	2	0	0.998207054				
RP11-108L7.15	ENSG00000273162.1	0.5875374	1	1	0.5875374			
	Brain_Substantia_nigra	0.5875374			Brain_Substantia_nigra	1	1	1
	0.542408102	0.542408102	0.542408102	NA	1	0	0.998207054	
PABPC1L	ENSG00000101104.12	0.587579933	9	1	0.516408918			
	Brain_Hippocampus	0.743535837			Brain_Amygdala	8.688645385	5.00E-05	
	8.688645385	-0.648890867	-0.327174592	-0.530791407	0.117335628			
	1	0	0.998207054					
HHEX	ENSG00000152804.10	0.587627732	1	1	0.587627732			
	Brain_Nucleus_accumbens_basal_ganglia	0.587627732						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.542276951			
	0.542276951	0.542276951	NA	1	0	0.998207054		
ALOX15B	ENSG00000179593.15	0.587662198	2	2	0.313788791			
	Brain_Spinal_cord_cervical_c-1	0.696617337			Brain_Cortex	1.171575614		
	0.828424386	0.828424386	-1.007303828	-0.389890747	-0.698597287			
	0.436576977	2	0	0.998207054				
SAMD12	ENSG00000177570.13	0.587775756	1	1	0.587775756			
	Brain_Cerebellar_Hemisphere	0.587775756			Brain_Cerebellar_Hemisphere	1	1	
	1	0.542062058	0.542062058	0.542062058	NA	1	0	
	0.998207054							
MRPS9	ENSG00000135972.8	0.587796889	13	1	0.133163291			
	Brain_Anterior_cingulate_cortex_BA24	0.989560151						
	Brain_Nucleus_accumbens_basal_ganglia	11.38712525			2.70E-05	11.38712525		
	-1.501743784	0.186664339	-0.499735566	0.420303988	1	0		
	0.998207054							
SESTD1	ENSG00000187231.13	0.587925776	3	3	0.234697187			
	Brain_Cerebellar_Hemisphere	0.668524788			Brain_Spinal_cord_cervical_c-1			
	1.786729661	0.251284847	0.251284847	-1.188345835	0.428173528			
	-0.441943216	0.81532975	3	0	0.998207054			
HSPA12B	ENSG00000132622.10	0.587949947	3	3	0.176659242			
	Brain_Substantia_nigra	0.861613749			Brain_Caudate_basal_ganglia			
	1.155235876	0.845451373	0.845451373	-1.351112988	0.295830141			
	-0.409867714	0.848361572	3	0	0.998207054			
AXL	ENSG00000167601.11	0.588194189	5	5	0.240871189			
	Brain_Hypothalamus	0.892440142			Brain_Hippocampus	2.668812949		
	0.135115462	0.135115462	-1.025307688	1.17281204	0.220524831			
	0.870554902	5	0	0.998207054				
PDK1	ENSG00000152256.13	0.588238663	3	3	0.338974539			
	Brain_Cerebellum							
	0.922341405	Brain_Cortex	2.380511741	0.25780152	0.25780152			
	-0.097484799	0.95619339	0.399327644	0.529399878	3	0		
	0.998207054							
SGMS1	ENSG00000198964.13	0.588359066	1	1	0.588359066			
	Brain_Hippocampus	0.588359066			Brain_Hippocampus	1	1	1
	-0.541215484	-0.541215484	-0.541215484	NA	1	0	0.998207054	
TECTA	ENSG00000109927.9	0.588554917	1	1	0.588554917			
	Brain_Substantia_nigra	0.588554917			Brain_Substantia_nigra	1	1	
	1	-0.540931328	-0.540931328	-0.540931328	NA	1	0	
	0.998207054							
ABCC8	ENSG00000006071.12	0.588647976	9	7	0.057082786			
	Brain_Cerebellar_Hemisphere	0.713489051			Brain_Anterior_cingulate_cortex_BA24			
	5.170466865	0.060287083	0.192064043	-0.945325195	1.902676381			
	0.768579997	0.833558366	7	0	0.998207054			
RP11-462B18.2	ENSG00000231193.1	0.588979341	2	2	0.31204198			
	Brain_Frontal_Cortex_BA9	0.93436473			Brain_Substantia_nigra	1.106986784		
	0.893013216	0.893013216	-1.010946618	0.082354609	-0.464296005			
	0.773080712	2	0	0.998207054				
ASGR2	ENSG00000161944.16	0.589020587	2	2	0.308826248			

	Brain_Putamen_basal_ganglia	0.87535149	Brain_Hypothalamus	1.005445118				
	0.994554882	0.994554882	-1.017688008	-0.156864688	-0.587276348			
	0.608694007	2	0	0.998207054				
LSG1	ENSG00000041802	10	0.589250423	13	1	0.238861946		
	Brain_Nucleus_accumbens_basal_ganglia	0.949756566	Brain_Caudate_basal_ganglia					
	12.10634973	0.000628164	12.10634973	-0.063012481	1.177836118			
	0.526019159	0.301078536	1	0	0.998207054			
LRIT3	ENSG00000183423	11	0.589316181	3	3	0.169262231	Brain_Cerebellum	
	0.363963068	Brain_Frontal_Cortex_BA9	2.268167783	0.186998501				
	0.186998501	-1.374578263	-0.907839419	-1.144852196	0.233454726			
	3	0	0.998207054					
CCRL2	ENSG00000121797	9	0.589422762	1	1	0.589422762		
	Brain_Hypothalamus	0.589422762	Brain_Hypothalamus	1	1	1		
	-0.539672712	-0.539672712	-0.539672712	NA	1	0	0.998207054	
DNAJC27	ENSG00000115137	11	0.589496096	2	2	0.305315532		
	Brain_Frontal_Cortex_BA9	0.446474076	Brain_Anterior_cingulate_cortex_BA24					
	1.789580396	0.210419604	0.210419604	-1.025101003	-0.761306404			
	-0.893203703	0.18653095	2	0	0.998207054			
ABCB6	ENSG00000115657	12	0.589513861	2	2	0.339849212		
	Brain_Cerebellar_Hemisphere	0.593621719	Brain_Cerebellum	1.799464673				
	0.200535327	0.200535327	-0.954463233	-0.533595071	-0.744029152			
	0.297598731	2	0	0.998207054				
FIBIN	ENSG00000176971	13	0.589649321	1	1	0.589649321		
	Brain_Cerebellar_Hemisphere	0.589649321	Brain_Cerebellar_Hemisphere	1	1			
	1	-0.53934428	-0.53934428	-0.53934428	NA	1	0	
	0.998207054							
PRDX3	ENSG00000165672	6	0.589723751	2	2	0.315986471		
	Brain_Nucleus_accumbens_basal_ganglia	0.838654985	Brain_Cerebellar_Hemisphere					
	1.021475458	0.978524542	0.978524542	-1.002739698	0.203614214			
	-0.399562742	0.853021032	2	0	0.998207054			
EFR3B	ENSG00000084710	13	0.589885186	1	1	0.589885186		
	Brain_Caudate_basal_ganglia	0.589885186	Brain_Caudate_basal_ganglia	1	1			
	1	0.539002419	0.539002419	0.539002419	NA	1	0	
	0.998207054							
RP11-408A	13.3	ENSG00000273399	2	0.589891074	5	5	0.069519302	
	Brain_Cerebellar_Hemisphere	0.683338747	Brain_Cerebellum	2.719391973				
	0.159991362	0.159991362	-1.815029981	-0.407911367	-1.130846449			
	0.51632765	5	0	0.998207054				
BMF	ENSG00000104081	13	0.590163741	3	3	0.180237322		
	Brain_Caudate_basal_ganglia	0.785075554	Brain_Cortex	1.578722158				
	0.509975857	0.509975857	-1.340024677	-0.272710772	-0.66190603			
	0.58940418	3	0	0.998207054				
LINC00342	ENSG00000232931	15	0.590242144	2	2	0.351273347		
	Brain_Putamen_basal_ganglia	0.664612005	Brain_Anterior_cingulate_cortex_BA24					
	1.002951728	0.997048272	0.997048272	-0.932122256	0.433554468			
	-0.249283894	0.965679272	2	0	0.998207054			
ANKRD26	ENSG00000107890	16	0.590247388	1	1	0.590247388		
	Brain_Cerebellum	0.590247388	Brain_Cerebellum	1	1	1	-0.538477567	
	-0.538477567	-0.538477567	NA	1	0	0.998207054		
ADARB1	ENSG00000197381	15	0.590259123	3	3	0.229110658		
	Brain_Cerebellar_Hemisphere	0.625610976	Brain_Cerebellum	2.549818162				
	0.087354025	0.087354025	-0.500876283	1.202652924	0.396563444			
	0.855430646	3	0	0.998207054				
RP11-433J	8.2	ENSG00000258979	1	0.590431139	3	3	0.268005882	
	Brain_Nucleus_accumbens_basal_ganglia	0.852934124	Brain_Putamen_basal_ganglia					
	1.335668797	0.663655751	0.663655751	-1.107666477	0.835835542			
	-0.028818308	0.989297442	3	0	0.998207054			
ASB16	ENSG00000161664	6	0.590648893	3	3	0.183982058	Brain_Cerebellum	
	0.919237995	Brain_Spinal_cord_cervical_c-1	1.782643604	0.31153879				
	0.31153879	-0.101393628	1.32859368	0.572770613	0.718482462	3	0	
	0.998207054							
PHYHD1	ENSG00000175287	18	0.590652087	10	4	0.280776881		

	Brain_Cerebellum	0.909980491		Brain_Putamen_basal_ganglia	7.387948921			
		0.00100067	0.609024394		-1.078575785	0.867258727	0.34644742	
		0.547641988	4	0	0.998207054			
SCUBE1	ENSG00000159307.18	0.590718799			8	8	0.102826252	
	Brain_Caudate_basal_ganglia	0.841377541		Brain_Frontal_Cortex_BA9				
		2.424836846	0.215777571	0.215777571		-1.098882486	1.631303704	
		0.454123194	0.768348424	8	0	0.998207054		
WNT2B	ENSG00000134245.17	0.590820415			4	2	0.225608925	Brain_Cerebellum
		0.980810154	Brain_Cortex	2.939502585		0.020542465	0.988740519	
		-0.024053225	1.211747827	0.452732915		0.557561701	2	0
		0.998207054						
PARVB	ENSG00000188677.14	0.590853171			6	6	0.11039327	Brain_Cerebellum
		0.515809072	Brain_Cerebellar_Hemisphere	1.795777912		0.435517688		
		0.435517688	-1.596427993	0.658228688		-0.733622215	0.767224501	
		6	0	0.998207054				
NAA40	ENSG00000110583.12	0.590876735			1	1	0.590876735	
	Brain_Cerebellar_Hemisphere	0.590876735		Brain_Cerebellar_Hemisphere	1	1		
		1	-0.537565962	-0.537565962	-0.537565962	NA	1	0
		0.998207054						
MSANTD2	ENSG00000120458.10	0.590902499			2	2	0.393817442	
	Brain_Substantia_nigra	0.525562426		Brain_Nucleus_accumbens_basal_ganglia				
		1.077822879	0.922177121	0.922177121		0.634794538	0.852714872	
		0.743754705	0.154092946	2	0	0.998207054		
FILIP1L	ENSG00000168386.18	0.59092689			1	1	0.59092689	
	Brain_Anterior_cingulate_cortex_BA24	0.59092689						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.537493331			
		0.537493331	0.537493331	NA	1	0	0.998207054	
KIAA1143	ENSG00000163807.5	0.590957567			3	3	0.307483249	
	Brain_Cerebellar_Hemisphere	0.733067629		Brain_Cortex	2.534478013			
		0.190863117	0.190863117	0.341047757		1.020517173	0.570378666	
		0.389854676	3	0	0.998207054			
HSD17B6	ENSG00000025423.11	0.591029685			9	3	0.149484925	
	Brain_Amygdala	0.835271583		Brain_Hypothalamus	7.565458791	0.00048013		
		0.428073941	-1.441353198	-0.207945422		-0.561887312	0.368457628	
		3	0	0.998207054				
EML4	ENSG00000143924.18	0.591052782			3	3	0.250660387	Brain_Cerebellum
		0.833129297	Brain_Frontal_Cortex_BA9	1.74165617	0.261047261			
		0.261047261	-0.392472369	1.148746836		0.322321438	0.776650094	
		3	0	0.998207054				
SNX19	ENSG00000120451.10	0.591106669			13	8	0.220120309	
	Brain_Anterior_cingulate_cortex_BA24	0.924407161		Brain_Cerebellar_Hemisphere				
		7.673282746	0.011533767	0.267837887		-1.226208273	0.867309808	
		0.025597836	0.617738387	8	0	0.998207054		
CMKLR1	ENSG00000174600.13	0.591135368			3	3	0.19997801	Brain_Cerebellum
		0.671040264	Brain_Amygdala	1.427989284		0.665345783	0.665345783	
		-1.281614219	-0.424720738	-0.823573884		0.431501972	3	0
		0.998207054						
CPD	ENSG00000108582.11	0.591193105			1	1	0.591193105	
	Brain_Caudate_basal_ganglia	0.591193105		Brain_Caudate_basal_ganglia	1	1		
		1	-0.537107869	-0.537107869	-0.537107869	NA	1	0
		0.998207054						
BRD7	ENSG00000166164.15	0.591293024			1	1	0.591293024	
	Brain_Putamen_basal_ganglia	0.591293024		Brain_Putamen_basal_ganglia	1	1		
		1	-0.536963214	-0.536963214	-0.536963214	NA	1	0
		0.998207054						
CTD-2619J13.19	ENSG00000269473.1	0.591418552			13	3	0.136157286	
	Brain_Spinal_cord_cervical_c-1	0.713593114						
	Brain_Nucleus_accumbens_basal_ganglia	10.83752107				0.007365815		
		0.461069305	0.367034728	1.490254674		0.998527521	0.308101738	
		3	0	0.998207054				
ZDHHC2	ENSG00000104219.12	0.591664368			3	3	0.282098441	
	Brain_Cerebellar_Hemisphere	0.977123877		Brain_Nucleus_accumbens_basal_ganglia				

	1.04291616	0.960190331	0.960190331	-1.075617313	0.908710272				
	-0.046077381	0.994273563	3	0	0.998207054				
KIF25-AS1	ENSG00000229921.6	0.591679718	13	8	0.118518343				
	Brain_Anterior_cingulate_cortex_BA24	0.919194295			Brain_Hippocampus				
	6.930385111	0.073823989	0.307184108	-1.244916844	1.561022918				
	0.254814068	0.757677867	8	0	0.998207054				
EPC2	ENSG00000135999.11	0.591699543	1	1	0.591699543				
	Brain_Hippocampus	0.591699543	Brain_Hippocampus	1	1	1			
	-0.536374801	-0.536374801	-0.536374801	NA	1	0	0.998207054		
COQ10B	ENSG00000115520.8	0.591720576	1	1	0.591720576				
	Brain_Substantia_nigra	0.591720576	Brain_Substantia_nigra	1	1	1			
	1	-0.536344362	-0.536344362	-0.536344362	NA	1	0		
	0.998207054								
GPR4	ENSG00000177464.4	0.591754641	1	1	0.591754641				
	Brain_Anterior_cingulate_cortex_BA24	0.591754641							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.536295065				
	0.536295065	0.536295065	NA	1	0	0.998207054			
SCN1A	ENSG00000144285.17	0.591767183	8	5	0.140680708				
	Brain_Nucleus_accumbens_basal_ganglia	0.870516663	Brain_Cerebellar_Hemisphere						
	5.566732573	0.017968086	0.256290079	-1.47326087	0.627721905				
	-0.388264356	0.581228931	5	0	0.998207054				
ATF3	ENSG00000162772.16	0.591807384	2	2	0.322835212				
	Brain_Spinal_cord_cervical_c-1	0.819511238	Brain_Frontal_Cortex_BA9						
	1.03987661	0.96012339	0.96012339	-0.22817366	0.988648368	0.380237354			
	0.860423108	2	0	0.998207054					
OTUD6B	ENSG00000155100.10	0.592127408	2	2	0.306881097				
	Brain_Frontal_Cortex_BA9	0.785399181	Brain_Cerebellum	1.32513108	0.67486892				
	0.67486892	-1.021788323	0.272289822	-0.37474925	0.915051432	2			
	0	0.998207054							
ZNF432	ENSG00000256087.6	0.592142147	5	3	0.182650289				
	Brain_Substantia_nigra	0.662139975	Brain_Amygdala	4.108731584					
	0.048989465	0.280691018	0.436960526	1.332639034	0.877214356				
	0.319889747	3	0	0.998207054					
MARVELD2	ENSG00000152939.14	0.592154132	1	1	0.592154132				
	Brain_Anterior_cingulate_cortex_BA24	0.592154132							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.53571703	0.53571703			
	0.53571703	NA	1	0	0.998207054				
RP11-96H19.1	ENSG00000257261.5	0.592272036	13	3	0.16310887				
	Brain_Cerebellar_Hemisphere	0.743031976	Brain_Frontal_Cortex_BA9						
	11.41314492	0.003184195	0.407486233	0.32784088	1.394691562				
	0.795653396	0.28793238	3	0	0.998207054				
JAM2	ENSG00000154721.14	0.592303291	3	3	0.208340366				
	Brain_Nucleus_accumbens_basal_ganglia	0.964853445	Brain_Caudate_basal_ganglia						
	1.540334892	0.705239441	0.705239441	0.04406393	1.258142111				
	0.692401577	0.611239045	3	0	0.998207054				
MRPS26	ENSG00000125901.5	0.592381889	3	3	0.232164719				
	Brain_Spinal_cord_cervical_c-1	0.710095884							
	Brain_Anterior_cingulate_cortex_BA24	1.226693607	0.684894611						
	0.684894611	-0.441905548	1.194801181	0.127056105	0.92535988	3			
	0	0.998207054							
RP11-420A23.1	ENSG00000251432.6	0.592391808	3	3	0.263645815				
	Brain_Hippocampus	0.679116275	Brain_Nucleus_accumbens_basal_ganglia						
	1.665110177	0.410229216	0.410229216	-1.117815465	0.427446935				
	-0.368012628	0.773642278	3	0	0.998207054				
NPSR1	ENSG00000187258.13	0.592413023	3	3	0.348980222	Brain_Cerebellum			
	0.584661657	Brain_Cerebellar_Hemisphere	1.155218851	0.844687726					
	0.844687726	0.54658823	0.93656916	0.803625969	0.222645175	3	0		
	0.998207054								
IMP4	ENSG00000136718.9	0.592498297	2	1	0.55185447				
	Brain_Cerebellar_Hemisphere	0.635964041	Brain_Cerebellum	1.992139552					
	0.007860448	1.992139552	-0.594983545	-0.473349236	-0.53416639				
	0.086008445	1	0	0.998207054					

ZNF569	ENSG00000196437.10	0.59269786	3	3	0.190629889		
	Brain_Frontal_Cortex_BA9	0.871964521				Brain_Hypothalamus	1.152178073
	0.835092802	0.835092802			-0.423592211	1.308718008	0.24132072
	0.933659422	3	0	0.998207054			
TACSTD2	ENSG00000184292.6	0.592701982	1	1	0.592701982		
	Brain_Anterior_cingulate_cortex_BA24	0.592701982					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.534924622		
	-0.534924622	-0.534924622	NA	1	0	0.998207054	
AIF1L	ENSG00000126878.12	0.592811842	3	3	0.17926728	Brain_Hippocampus	
	0.934618532	Brain_Caudate_basal_ganglia	1.505412684		0.688434322		
	0.688434322	-1.343014497	-0.08203544		-0.504769923	0.725950083	
	3	0	0.998207054				
CMTM6	ENSG00000091317.7	0.592876842	3	3	0.375635691		
	Brain_Spinal_cord_cervical_c-1	0.914729977				Brain_Cerebellar_Hemisphere	
	2.363322254	0.087257957	0.087257957		-0.885966293	0.299258241	
	-0.231260809	0.602292289	3	0	0.998207054		
TRAM2-AS1	ENSG00000225791.6	0.593010756	3	3	0.401230133		
	Brain_Caudate_basal_ganglia	0.873684079				Brain_Hypothalamus	1.815554736
	0.192352549	0.192352549			-0.595145668	0.839426295	0.134420442
	0.717601271	3	0	0.998207054			
DRG1	ENSG00000185721.12	0.593099308	1	1	0.593099308		
	Brain_Putamen_basal_ganglia	0.593099308				Brain_Putamen_basal_ganglia	1
	1	0.53435014	0.53435014	0.53435014	NA	1	0
						0.998207054	
WDR55	ENSG00000120314.18	0.593126966	5	2	0.307675651		
	Brain_Hypothalamus	0.915789285				Brain_Caudate_basal_ganglia	4.20147428
	0.028241322	0.559601995	0.105739191		1.020111358	0.636822483	
	0.348010788	2	0	0.998207054			
HSPB2	ENSG00000170276.5	0.593145355	2	2	0.340973661		
	Brain_Nucleus_accumbens_basal_ganglia	0.600576958				Brain_Caudate_basal_ganglia	
	1.165268528	0.834731472	0.834731472		-0.952243192	-0.523570997	
	-0.737907095	0.303117016	2	0	0.998207054		
MIR4300HG	ENSG00000245832.6	0.593153427	9	4	0.203104386		
	Brain_Hippocampus	0.99393044	Brain_Amygdala	7.043601606		0.017415173	
	0.27414394	0.007607139	1.272756713		0.674182173	0.452766942	4
	0	0.998207054					
DBI	ENSG00000155368.16	0.593281865	2	2	0.378983599	Brain_Amygdala	
	0.592003639	Brain_Cerebellum	1.018458974		0.981541026	0.981541026	
	-0.879770591	0.535934761	-0.171917915		1.001054855	2	0
	0.998207054						
FBN2	ENSG00000138829.11	0.593387481	7	4	0.121489132	Brain_Cortex	
	0.60874571	Brain_Frontal_Cortex_BA9	5.820507798		0.010516282		
	0.253213575	-1.548553332	-0.511864693		-1.178202744	0.339586286	
	4	0	0.998207054				
PEX13	ENSG00000162928.8	0.59345277	3	3	0.177018056	Brain_Hypothalamus	
	0.805141778	Brain_Cortex	1.878093547		0.284489254	0.284489254	
	0.246698228	1.349993536	0.81014969	0.55202638	3	0	0.998207054
OLFML2A	ENSG00000185585.19	0.593465575	6	4	0.099345073		
	Brain_Putamen_basal_ganglia	0.971939295				Brain_Anterior_cingulate_cortex_BA24	
	3.803891102	0.00518439	0.255728333		-0.035176131	1.648037029	
	0.991709406	0.63619566	4	0	0.998207054		
ARHGAP20	ENSG00000137727.12	0.593532148	4	4	0.218862632		
	Brain_Cortex	0.959782725	Brain_Cerebellum	1.703547669		0.320798449	
	0.320798449	0.050426241	1.22955809	0.685215231		0.519487789	4
	0	0.998207054					
ABL2	ENSG00000143322.19	0.593874782	12	4	0.052757357		
	Brain_Cerebellar_Hemisphere	0.874380946				Brain_Hypothalamus	9.105841171
	0.023873414	0.401884335	-1.936901727		-0.158096262	-1.131470595	
	0.494267276	4	0	0.998207054			
LINC01126	ENSG00000279873.2	0.59396311	1	1	0.59396311		
	Brain_Nucleus_accumbens_basal_ganglia	0.59396311					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.533101804		
	-0.533101804	-0.533101804	NA	1	0	0.998207054	

AFF3	ENSG00000144218.18	0.594009522	10	4	0.311799745		
	Brain_Hypothalamus	0.97738342	Brain_Hippocampus		8.25455082	0.002339129	
	0.318220094	-0.309892406	1.011452833		0.237339114	0.386402554	
	4	0	0.998207054				
ANKRD34C	ENSG00000235711.4	0.594166866	1	1	0.594166866		
	Brain_Cerebellum	0.594166866	Brain_Cerebellum1	1	1	-0.532807465	
	-0.532807465	-0.532807465	NA	1	0	0.998207054	
SCRIB	ENSG00000180900.18	0.594235042	3	3	0.342867392		Brain_Amygdala
	0.648309041	Brain_Cerebellum1	1.211554006		0.850696786		0.850696786
	-0.948514899	0.746080282	-0.219515725		0.87172057	3	0
	0.998207054						
SUDS3	ENSG00000111707.11	0.594517381	2	1	0.580580337		
	Brain_Putamen_basal_ganglia	0.617132485	Brain_Nucleus_accumbens_basal_ganglia				
	1.954621689	0.045378311	1.954621689		-0.552537225	-0.499918472	
	-0.526227849	0.037207077	1	0	0.998207054		
CDH24	ENSG00000139880.19	0.594558941	1	1	0.594558941		Brain_Cerebellum
	0.594558941	Brain_Cerebellum1	1	1	-0.532241215	-0.532241215	
	-0.532241215	NA	1	0	0.998207054		
LINC01735	ENSG00000261453.1	0.594608149	2	2	0.448786118		
	Brain_Caudate_basal_ganglia	0.507944907	Brain_Putamen_basal_ganglia				
	1.026862639	0.973137361	0.973137361		0.662041061	0.757440303	
	0.709740682	0.067457451	2	0	0.998207054		
RNF126	ENSG00000070423.17	0.594643719	1	1	0.594643719		
	Brain_Putamen_basal_ganglia	0.594643719	Brain_Putamen_basal_ganglia1	1			
	1	0.532118797	0.532118797	0.532118797	NA	1	0
	0.998207054						
ADCY1	ENSG00000164742.14	0.59492503	2	2	0.312192364		
	Brain_Substantia_nigra	0.647020395	Brain_Spinal_cord_cervical_c-1				
	1.560729315	0.439270685	0.439270685		0.457905416	1.01063248	
	0.734268948	0.390837055	2	0	0.998207054		
LRRC4B	ENSG00000131409.12	0.595037994	3	3	0.201827508		
	Brain_Hypothalamus	0.705015179	Brain_Spinal_cord_cervical_c-1				
	1.663107444	0.342913442	0.342913442		-0.434099793	1.276362213	
	0.154567719	0.971899353	3	0	0.998207054		
PLK5	ENSG00000185988.11	0.595072704	7	7	0.136774167		
	Brain_Putamen_basal_ganglia	0.920970675	Brain_Cerebellum1	1.874085691			
	0.222499071	0.222499071	-0.656388197		1.487911756	0.215460455	
	0.855498013	7	0	0.998207054			
NAA25	ENSG00000111300.9	0.595101816	6	2	0.725834136		Brain_Cortex
	0.986507362	Brain_Cerebellar_Hemisphere	5.592838648		0.000969519		
	0.228473757	-0.343608465	0.350672398		-0.035690493	0.262546025	
	2	0	0.998207054				
SLITRK5	ENSG00000165300.7	0.595209879	5	5	0.219178277		
	Brain_Cortex	0.996456136	Brain_Cerebellum2	1.130169127		0.130834273	
	0.130834273	0.00444159	1.228716075		0.500093365	0.484190466	5
	0	0.998207054					
CTD-2014B16.3	ENSG00000258847.1	0.595366032	2	2	0.30958951		
	Brain_Nucleus_accumbens_basal_ganglia	0.955171399	Brain_Hippocampus				
	1.012368465	0.987631535	0.987631535		-1.016083743	0.056213911	
	-0.479934916	0.758228943	2	0	0.998207054		
LRRC9	ENSG00000131951.10	0.595380624	2	2	0.30850601		
	Brain_Spinal_cord_cervical_c-1	0.884037635	Brain_Substantia_nigra				
	1.13649578	0.86350422	0.86350422		-1.018361882	-0.145852746	-0.582107314
	0.616957127	2	0	0.998207054			
CCL18	ENSG00000275385.1	0.595388021	2	2	0.324523799		
	Brain_Substantia_nigra	0.835022558	Brain_Spinal_cord_cervical_c-1				
	1.049944797	0.950055203	0.950055203		-0.20826436	0.985204157	
	0.388469899	0.843909682	2	0	0.998207054		
DACT3	ENSG00000197380.10	0.595525367	1	1	0.595525367		
	Brain_Hypothalamus	0.595525367	Brain_Hypothalamus	1	1	1	
	0.530846193	0.530846193	0.530846193	NA	1	0	0.998207054
ANXA1	ENSG00000135046.13	0.595619646	2	2	0.339937235		

Brain_Nucleus_accumbens_basal_ganglia 0.752132057
Brain_Anterior_cingulate_cortex_BA24 1.04017541 0.95982459 0.95982459
-0.315829326 0.954289275 0.319229974 0.898109476 2 0
0.998207054

PCMTD1 ENSG00000168300.13 0.595785182 4 3 0.582603307
Brain_Hippocampus 0.841020206 Brain_Cerebellar_Hemisphere 2.703916074
0.034639478 0.248909377 -0.549586082 0.478382352 0.124074105
0.463384953 3 0 0.998207054

ANKRD63 ENSG00000230778.1 0.595947523 2 2 0.309460956
Brain_Cerebellum 0.933099626 Brain_Cerebellar_Hemisphere 1.036158549
0.963841451 0.963841451 -1.016353762 -0.083945672 -0.550149717
0.659312083 2 0 0.998207054

PRMT1 ENSG00000126457.21 0.596060093 8 4 0.10386111
Brain_Putamen_basal_ganglia 0.557139457 Brain_Nucleus_accumbens_basal_ganglia
6.511178827 0.001395203 0.238317564 -1.626416372 -0.587095668
-1.257576863 0.32666559 4 0 0.998207054

LINC00391 ENSG00000238230.1 0.596103247 2 2 0.309595823
Brain_Cerebellum 0.915316768 Brain_Substantia_nigra 1.057700487
0.942299513 0.942299513 -1.016070484 0.106334741 -0.454867871
0.793660346 2 0 0.998207054

LRRC61 ENSG00000127399.14 0.596119018 13 2 0.080799895
Brain_Substantia_nigra 0.712127625 Brain_Amygdala 11.45527445
0.00042158 0.783552559 -1.746063633 -0.369000133 -0.949210248
0.307721593 2 0 0.998207054

FAM189A1 ENSG00000104059.4 0.596320789 1 1 0.596320789
Brain_Putamen_basal_ganglia 0.596320789 Brain_Putamen_basal_ganglia 1 1
1 0.529698788 0.529698788 0.529698788 NA 1 0
0.998207054

GSTO1 ENSG00000148834.12 0.596578378 5 5 0.544892938
Brain_Anterior_cingulate_cortex_BA24 0.959661956 Brain_Caudate_basal_ganglia
3.029261445 0.119921285 0.119921285 -0.605430579 0.566699295
0.034149647 0.417808453 5 0 0.998207054

C8orf86 ENSG00000196166.3 0.596594564 1 1 0.596594564
Brain_Anterior_cingulate_cortex_BA24 0.596594564
Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.529304024
0.529304024 0.529304024 NA 1 0 0.998207054

FSHB ENSG00000131808.10 0.596792612 2 2 0.379505955
Brain_Anterior_cingulate_cortex_BA24 0.384161496 Brain_Hypothalamus
1.481746122 0.518253878 0.518253878 -0.878806954 -0.870254212
-0.874530583 0.006047702 2 0 0.998207054

LILRA4 ENSG00000239961.2 0.596844347 3 3 0.489024205
Brain_Caudate_basal_ganglia 0.82674166 Brain_Hippocampus 1.763763914
0.241077375 0.241077375 -0.218882396 0.691861667 0.270010916
0.459058511 3 0 0.998207054

RP11-72304.6 ENSG00000187695.8 0.596990127 2 2 0.370013437
Brain_Cerebellum 0.575386192 Brain_Putamen_basal_ganglia 1.09446698 0.90553302
0.90553302 -0.56013671 0.896448195 0.168155742 1.029961064 2
0 0.998207054

STAM ENSG00000136738.14 0.596994092 1 1 0.596994092 Brain_Cerebellum
0.596994092 Brain_Cerebellum 1 1 1 0.528728084 0.528728084
0.528728084 NA 1 0 0.998207054

COL9A1 ENSG00000112280.15 0.597091493 5 5 0.131039486
Brain_Cortex 0.948077061 Brain_Nucleus_accumbens_basal_ganglia
1.665814689 0.58614242 0.58614242 -0.249116688 1.510015432
0.421529381 0.780890251 5 0 0.998207054

HCP5B ENSG00000281831.1 0.597210344 13 4 0.11161784 Brain_Cerebellum
0.979293375 Brain_Spinal_cord_cervical_c-1 9.281733662 0.008309867
0.44373479 -1.590963278 0.059232809 -0.561319494 0.469180552 4
0 0.998207054

CCR6 ENSG00000112486.15 0.597211234 6 6 0.128020202
Brain_Nucleus_accumbens_basal_ganglia 0.55413016 Brain_Amygdala 2.916759812
0.254170379 0.254170379 -1.521955616 0.788673718 -0.536200342

	1.006455661	6	0	0.998207054					
MGAT5B	ENSG00000167889.12			0.597278727	1	1		0.597278727	
	Brain_Nucleus_accumbens_basal_ganglia			0.597278727					
	Brain_Nucleus_accumbens_basal_ganglia	1	1		1	1		0.528317876	
	0.528317876	0.528317876	NA	1	0			0.998207054	
KLHL24	ENSG00000114796.15			0.597343358	8	4		0.37397521	Brain_Cortex
	0.949059772	Brain_Frontal_Cortex_BA9		6.466580154				0.013029923	
	0.220580269	-0.889051858	0.063887543					-0.393890449	0.344362284
	4	0	0.998207054						
RP11-357K6.1	ENSG00000255618.1			0.597418109	4	3		0.422827657	
	Brain_Nucleus_accumbens_basal_ganglia			0.987680083				Brain_Frontal_Cortex_BA9	
	3.299797971	0.07094069	0.286146048					-0.801525208	-0.015441339
	-0.381535845	0.424436531	3	0				0.998207054	
RBL1	ENSG00000080839.11			0.59742541	1	1		0.59742541	Brain_Caudate_basal_ganglia
	0.59742541	Brain_Caudate_basal_ganglia		1	1			0.528106514	
	0.528106514	0.528106514	NA	1	0			0.998207054	
TAF9	ENSG00000273841.4			0.597456067	4	4		0.3644059	
	Brain_Frontal_Cortex_BA9			0.870221067				Brain_Nucleus_accumbens_basal_ganglia	
	2.769512348	0.204899919	0.204899919					-0.907001696	0.528092461
	-0.062651242	0.631823722	4	0				0.998207054	
ZNF577	ENSG00000161551.14			0.597507589	11	5		0.248576945	
	Brain_Hippocampus			0.988088406				Brain_Cerebellar_Hemisphere	7.497428619
	0.021485322	0.389181307	-1.153812751					0.545275141	-0.090597346
	0.624277893	5	0	0.998207054					
AC005281.1	ENSG00000226690.7			0.597574473	1	1		0.597574473	
	Brain_Hypothalamus			0.597574473				Brain_Hypothalamus	1 1 1
	-0.527891747	-0.527891747	-0.527891747	NA	1	0		0.998207054	
RP11-618L22.1	ENSG00000274723.1			0.59757547	3	2		0.392632869	
	Brain_Caudate_basal_ganglia			0.78173168				Brain_Putamen_basal_ganglia	2.694836925
	0.046001868	0.259161207	0.277063068					0.854852393	0.616990654
	0.302114554	2	0	0.998207054					
RPS26	ENSG00000197728.9			0.597760855	13	1		0.185140134	
	Brain_Spinal_cord_cervical_c-1			0.879774809				Brain_Hippocampus	
	12.17759187	0.00251205	12.17759187					0.151254691	1.325093524
	0.51393156	0.335137586	1	0				0.998207054	
EBF3	ENSG00000108001.13			0.597784436	5	5		0.087809162	
	Brain_Caudate_basal_ganglia			0.847118542				Brain_Cerebellum	2.124927374
	0.314754089	0.314754089	-0.666406176					1.707069354	0.565935667
	0.929702914	5	0	0.998207054					
PPP1R7	ENSG00000115685.14			0.597949741	2	2		0.348973881	
	Brain_Frontal_Cortex_BA9			0.655947696				Brain_Substantia_nigra	
	1.061130405	0.938869595	0.938869595					-0.445514897	0.936581482
	0.245533292	0.977289722	2	0				0.998207054	
BAIAP2L2	ENSG00000128298.16			0.597952611	4	4		0.240708388	
	Brain_Anterior_cingulate_cortex_BA24			0.865622694				Brain_Cerebellum	
	1.319689202	0.798597444	0.798597444					-1.173218018	1.063961707
	0.228359709	1.009441441	4	0				0.998207054	
HNF4G	ENSG00000164749.11			0.597981757	4	4		0.157881231	Brain_Cerebellum
	0.538710004	Brain_Hypothalamus		1.762499535				0.301635109	
	0.301635109	0.614764882	1.412233461					0.917094809	0.357401619
	4	0	0.998207054						
SLC6A4	ENSG00000108576.9			0.598005663	1	1		0.598005663	
	Brain_Cortex			0.598005663				Brain_Cortex	1 1 1
	0.527270635	0.527270635	NA	1	0			0.998207054	
SNRNP48	ENSG00000168566.12			0.598062749	1	1		0.598062749	
	Brain_Putamen_basal_ganglia			0.598062749				Brain_Putamen_basal_ganglia	1 1
	1	0.52718842	0.52718842	0.52718842	NA	1		0.998207054	
GBP3	ENSG00000117226.11			0.598104441	13	1		0.215505967	
	Brain_Putamen_basal_ganglia			0.86968294				Brain_Anterior_cingulate_cortex_BA24	
	12.3311697	7.32E-06	12.3311697	-1.238566807				0.619231966	-0.509706994
	0.443472597	1	0	0.998207054					
ST20	ENSG00000180953.11			0.598110715	13	3		0.15185232	Brain_Cortex

	0.707048447	Brain_Substantia_nigra	11.13058885	0.009813875		
	0.445977131	0.375823055	1.433019307	0.943989321	0.31937585	3
	0	0.998207054				
ANAPC1	ENSG00000153107.11	0.59816614	3	3	0.241813846	Brain_Amygdala
	0.7534123	Brain_Spinal_cord_cervical_c-1	1.109284826	0.890715174		
	0.890715174	-1.170465112	0.314143174	-0.514714621	0.757291255	
	3	0	0.998207054			
PCDHGA5	ENSG00000253485.2	0.59830256	2	2	0.364539762	
	Brain_Caudate_basal_ganglia	0.494135861			Brain_Anterior_cingulate_cortex_BA24	
	1.273643478	0.726356522	0.726356522	-0.906748591	-0.68374554	
	-0.795247065	0.157686969	2	0	0.998207054	
LEMD1	ENSG00000186007.9	0.598354944	1	1	0.598354944	Brain_Cortex
	0.598354944	Brain_Cortex	1	1	0.526767659	0.526767659
	0.526767659	NA	1	0	0.998207054	
SLC25A51	ENSG00000122696.13	0.59844491	13	1	0.366080334	
	Brain_Hippocampus	0.968092149			Brain_Substantia_nigra	12.58111807
	0.000450389	12.58111807	0.040001225	0.903839838	0.51709868	
	0.196433448	1	0	0.998207054		
ADGRA3	ENSG00000152990.13	0.598462903	2	2	0.366443967	
	Brain_Hippocampus	0.573116967			Brain_Caudate_basal_ganglia	1.118772455
	0.881227545	0.881227545	-0.903154378	-0.563466939	-0.733310659	
	0.240195292	2	0	0.998207054		
RP11-569G13.3	ENSG00000275465.5	0.598632124	2	2	0.744864665	
	Brain_Substantia_nigra	0.765501948			Brain_Putamen_basal_ganglia	
	1.810441419	0.189558581	0.189558581	-0.325418091	0.298263646	
	-0.013577222	0.441009586	2	0	0.998207054	
HEXIM1	ENSG00000186834.3	0.598692109	3	3	0.290756334	
	Brain_Putamen_basal_ganglia	0.942143923			Brain_Cortex	1.234503626
	0.77142066	0.77142066	-1.056463881	-0.0725755	-0.658566308	0.518211718
	3	0	0.998207054			
CCT8	ENSG00000156261.12	0.598798127	6	5	0.09343193	
	Brain_Cerebellar_Hemisphere	0.94312578			Brain_Anterior_cingulate_cortex_BA24	
	3.425972098	0.033282717	0.117586516	-0.870024622	1.677565616	
	0.446598469	0.872817206	5	0	0.998207054	
SCGB1B2P	ENSG00000268751.1	0.598897055	7	5	0.124474125	
	Brain_Cerebellum	0.78267469			Brain_Putamen_basal_ganglia	4.262654742
	0.060371355	0.260874441	-1.536262043	1.049764372	0.147729802	
	0.953159019	5	0	0.998207054		
MCAT	ENSG00000100294.12	0.598952417	6	5	0.186130844	Brain_Amygdala
	0.728961702	Brain_Cortex	2.498132509	0.067252231	0.422618213	
	-1.322112042	-0.34650703	-0.8020568	0.342980325	5	0
	0.998207054					
VCL	ENSG00000035403.17	0.599000072	2	2	0.314536443	
	Brain_Frontal_Cortex_BA9	0.897839755			Brain_Nucleus_accumbens_basal_ganglia	
	1.012326276	0.987673724	0.987673724	-1.005748756	0.128390745	
	-0.438679005	0.801957732	2	0	0.998207054	
FIGNL1	ENSG00000132436.11	0.5990356	12	3	0.109837876	
	Brain_Hippocampus	0.945147123			Brain_Putamen_basal_ganglia	10.00830978
	0.01058853	0.410051347	0.068802129	1.598922265	0.642073979	
	0.425378104	3	0	0.998207054		
PI16	ENSG00000164530.13	0.599120333	10	6	0.11604908	
	Brain_Anterior_cingulate_cortex_BA24	0.969480661			Brain_Caudate_basal_ganglia	
	6.029900802	0.014691806	0.251479177	-0.708129481	1.571575296	
	0.130003129	0.729907227	6	0	0.998207054	
LINC02150	ENSG00000248150.1	0.599435104	6	4	0.126436142	
	Brain_Cerebellum	0.893684129			Brain_Frontal_Cortex_BA9	3.415928011
	0.045672286	0.184008105	-1.528307769	0.370726332	-0.606836442	
	0.784742099	4	0	0.998207054		
ZNF768	ENSG00000169957.9	0.599607031	1	1	0.599607031	
	Brain_Putamen_basal_ganglia	0.599607031			Brain_Putamen_basal_ganglia	1
	1	0.524965706	0.524965706	0.524965706	NA	1
	0.998207054				0	

CTD-2245E15.3	ENSG00000251532.1	0.599609428	5	5	0.098907874			
	Brain_Cerebellum	0.867061308			Brain_Cortex	2.376451712	0.238828059	
	0.238828059	-0.300939583	1.65017145	0.497125031	0.720350614		5	
	0	0.998207054						
ELAC2	ENSG0000006744.18	0.599632655	13	1	0.392118165			
	Brain_Cerebellar_Hemisphere	0.980028321			Brain_Caudate_basal_ganglia			
	12.11637606	8.05E-05	12.11637606		-0.064858248	0.855782377		
	0.500555766	0.288472307	1	0	0.998207054			
LINC01198	ENSG00000231817.7	0.599751223	3	2	0.2961862	Brain_Cerebellum		
	0.610895574	Brain_Substantia_nigra	2.391420459	0.012795451				
	0.59578409	-1.044646888	-0.5087955	-0.841308453	0.290342418	2	0	
	0.998207054							
ALG1L	ENSG00000189366.9	0.599920398	13	1	0.350450674			
	Brain_Hypothalamus	0.97136834	Brain_Putamen_basal_ganglia	11.9621893	0.00413438			
	11.9621893	-0.209579807	0.933715487	0.499410444	0.322076677	1		
	0	0.998207054						
CFAP43	ENSG00000197748.12	0.59993711	5	5	0.118741394			
	Brain_Frontal_Cortex_BA9	0.576471713			Brain_Nucleus_accumbens_basal_ganglia			
	2.82126172	0.140569216	0.140569216		-1.560078236	-0.558545838		
	-1.060422105	0.386402042	5	0	0.998207054			
TBC1D2	ENSG00000095383.19	0.599952807	13	3	0.342505422			
	Brain_Amygdala	0.837285536	Brain_Substantia_nigra	11.06166065				
	0.004117994	0.570002261	-0.402795225	0.949226508	0.527313464			
	0.355825944	3	0	0.998207054				
COX6A2	ENSG00000156885.5	0.599970527	1	1	0.599970527			
	Brain_Substantia_nigra	0.599970527	Brain_Substantia_nigra	1	1			
	1	0.524442898	0.524442898	0.524442898	NA	1	0	
	0.998207054							
ST8SIA4	ENSG00000113532.12	0.600121825	1	1	0.600121825			
	Brain_Caudate_basal_ganglia	0.600121825	Brain_Caudate_basal_ganglia	1	1			
	1	-0.52422533	-0.52422533	-0.52422533	NA	1	0	
	0.998207054							
CCDC94	ENSG00000105248.15	0.600306961	8	4	0.274911565			
	Brain_Cerebellar_Hemisphere	0.749774979	Brain_Anterior_cingulate_cortex_BA24					
	6.540556188	0.003479536	0.231408232	-0.780963302	1.091821505			
	0.610343927	0.614312701	4	0	0.998207054			
PFKL	ENSG00000141959.16	0.600432743	11	9	0.18001336	Brain_Cerebellum		
	0.934372133	Brain_Putamen_basal_ganglia	5.179667062	0.088161699				
	0.184784926	-0.600416797	1.3407139	0.249595678	0.541460008	9		
	0	0.998207054						
RP11-301G7.1	ENSG00000272479.1	0.600651042	3	2	0.331977909			
	Brain_Caudate_basal_ganglia	0.821264649	Brain_Spinal_cord_cervical_c-1					
	2.006943726	0.027555999	0.965500275	-0.9701376	0.225918705			
	-0.55042493	0.673072734	2	0	0.998207054			
ELF1	ENSG00000120690.15	0.600676913	1	1	0.600676913			
	Brain_Substantia_nigra	0.600676913	Brain_Substantia_nigra	1	1			
	1	0.523427325	0.523427325	0.523427325	NA	1	0	
	0.998207054							
KANSL2	ENSG00000139620.12	0.600968922	4	4	0.278269146			
	Brain_Cortex	0.468817495	Brain_Substantia_nigra	1.92838555				
	0.072800504	0.072800504	-0.909493594	1.084215759	0.015282214			
	1.037427932	4	0	0.998207054				
TOP1MT	ENSG00000184428.12	0.600981608	3	3	0.179045555			
	Brain_Cerebellum	0.870882875	Brain_Hippocampus	2.028419138				
	0.138916967	0.138916967	-1.343699574	0.162537151	-0.726357597			
	0.788982223	3	0	0.998207054				
LINC00403	ENSG00000224243.1	0.601061661	3	3	0.257992935			
	Brain_Cerebellum	0.690366227	Brain_Cortex	1.297157351	0.742929989			
	0.742929989	-0.506968305	1.13114769	0.075273756	0.916024763	3		
	0	0.998207054						
JMJD8	ENSG00000161999.11	0.601112516	6	6	0.173741827			
	Brain_Hypothalamus	0.93579757	Brain_Cortex	1.973358203	0.432797521			

	0.432797521	-1.360278443	0.435443848	-0.657670832	0.693064351				
	6	0	0.998207054						
TTL1	ENSG00000100271.16	0.601142424	11	11	0.246569105				
	Brain_Substantia_nigra	0.94921707	Brain_Nucleus_accumbens_basal_ganglia						
	4.028953523	0.142095633	0.142095633	-1.085622801	1.158723018				
	-0.00494685	0.698708551	11	0	0.998207054				
LRRN3	ENSG00000173114.12	0.601151714	1	1	0.601151714	Brain_Cortex			
	0.601151714	Brain_Cortex	1	1	0.522745006	0.522745006			
	0.522745006	NA	1	0	0.998207054				
VGLL3	ENSG00000206538.8	0.601238158	1	1	0.601238158				
	Brain_Caudate_basal_ganglia	0.601238158	Brain_Caudate_basal_ganglia	1	1				
	1	0.522620807	0.522620807	0.522620807	NA	1	0		
	0.998207054								
APIP	ENSG00000149089.12	0.60125293	13	1	0.491574198	Brain_Cerebellum			
	0.752655603	Brain_Cerebellar_Hemisphere	12.86681538	0.000497302					
	12.86681538	0.315139679	0.687807206	0.519827327	0.102269218				
	1	0	0.998207054						
PLK2	ENSG00000145632.14	0.601344238	1	1	0.601344238				
	Brain_Frontal_Cortex_BA9	0.601344238	Brain_Frontal_Cortex_BA9	1	1				
	1	0.522468407	0.522468407	0.522468407	NA	1	0		
	0.998207054								
MYH14	ENSG00000105357.15	0.601373728	2	2	0.331974257				
	Brain_Spinal_cord_cervical_c-1	0.782011594	Brain_Caudate_basal_ganglia						
	1.001243203	0.998756797	0.998756797	-0.970144928	0.276698539				
	-0.346723194	0.88165147	2	0	0.998207054				
PIAS1	ENSG00000033800.13	0.601374005	1	1	0.601374005				
	Brain_Hippocampus	0.601374005	Brain_Hippocampus	1	1	1			
	0.522425645	0.522425645	0.522425645	NA	1	0	0.998207054		
KRT23	ENSG00000108244.16	0.601425995	3	3	0.208428167				
	Brain_Nucleus_accumbens_basal_ganglia	0.242525168	Brain_Putamen_basal_ganglia						
	2.41700609	0.131957042	0.131957042	1.168698396	1.257899327				
	1.221905663	0.047025872	3	0	0.998207054				
RP11-624D11.2	ENSG00000254532.1	0.601432238	3	1	0.544066226				
	Brain_Caudate_basal_ganglia	0.71309184	Brain_Putamen_basal_ganglia	2.96002293					
	0.010421946	2.96002293	-0.606675589	-0.367706839	-0.518773966				
	0.131411287	1	0	0.998207054					
TAS2R20	ENSG00000255837.1	0.601457082	4	4	0.287352537				
	Brain_Cerebellum	0.990865052	Brain_Caudate_basal_ganglia	3.130765881					
	0.142231231	0.142231231	-1.063947381	0.163939207	-0.345360368				
	0.555226443	4	0	0.998207054					
ASB14	ENSG00000239388.8	0.601500947	4	4	0.158550361	Brain_Amygdala			
	0.981225736	Brain_Cerebellar_Hemisphere	2.575178413	0.180683791					
	0.180683791	-0.09565781	1.409963839	0.434057109	0.69342381	4			
	0	0.998207054							
SDK2	ENSG00000069188.16	0.601514551	1	1	0.601514551	Brain_Cerebellum			
	0.601514551	Brain_Cerebellum	1	1	0.52222375	0.52222375	0.52222375		
	NA	1	0	0.998207054					
CDX2	ENSG00000165556.9	0.601744757	2	2	0.654887227				
	Brain_Cerebellar_Hemisphere	0.93756919	Brain_Cerebellum	1.859107819					
	0.140892181	0.140892181	-0.078325429	0.446983148	0.184328859				
	0.371449257	2	0	0.998207054					
VEZF1	ENSG00000136451.8	0.601781781	1	1	0.601781781				
	Brain_Hypothalamus	0.601781781	Brain_Hypothalamus	1	1	1			
	0.521839936	0.521839936	0.521839936	NA	1	0	0.998207054		
LONP1	ENSG00000196365.11	0.601815849	11	10	0.034604167	Brain_Cortex			
	0.969629274	Brain_Hippocampus	2.353268592	9.57E-18	0.476966718				
	-2.112960289	0.047171712	-0.594426643	0.622978783	10	0			
	0.998207054								
AHSA2	ENSG00000173209.22	0.601835247	13	1	0.456654524				
	Brain_Caudate_basal_ganglia	0.745250164	Brain_Cerebellum	12.13118863					
	0.006646081	12.13118863	-0.744366923	-0.324908711	-0.50611933				
	0.140812606	1	0	0.998207054					

MRPS12	ENSG00000128626.11	0.601917072	2	2	0.5366702	Brain_Cerebellum
	0.559817388	Brain_Hippocampus	1.289356607		0.710643393	
	0.710643393	-0.617856099	0.58311277	-0.017371665	0.849213231	2
	0	0.998207054				
LA16c-352F7.1	ENSG00000278716.1	0.602033514	1	1	0.602033514	
	Brain_Hypothalamus	0.602033514	Brain_Hypothalamus	1	1	1
	-0.52147845	-0.52147845	-0.52147845	NA	1	0
						0.998207054
PHF24	ENSG00000122733.12	0.602045138	6	6	0.136500469	
	Brain_Hippocampus	0.71025113	Brain_Frontal_Cortex_BA9	1.506637966		
	0.672832521	0.672832521	-0.585284687	1.488950252	0.369169157	
	0.919870783	6	0	0.998207054		
MGEA5	ENSG00000198408.13	0.602129606	1	1	0.602129606	
	Brain_Nucleus_accumbens_basal_ganglia	0.602129606				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.521340481	
	-0.521340481	-0.521340481	NA	1	0	0.998207054
MSS51	ENSG00000166343.9	0.602144016	1	1	0.602144016	
	Brain_Substantia_nigra	0.602144016	Brain_Substantia_nigra	1	1	
	1	0.521319791	0.521319791	0.521319791	NA	1
						0
	0.998207054					
FSTL4	ENSG00000053108.16	0.602255401	4	4	0.366017901	
	Brain_Putamen_basal_ganglia	0.83432356	Brain_Cerebellum	1.876852852		
	0.359657867	0.359657867	-0.90395757	0.444826277	-0.390529731	
	0.644885507	4	0	0.998207054		
MCHR1	ENSG00000128285.4	0.602260427	5	3	0.370762557	
	Brain_Frontal_Cortex_BA9	0.808375749	Brain_Cerebellum	3.364175953		
	0.041154061	0.440601861	-0.827286623	0.895045891	0.120125905	
	0.675594809	3	0	0.998207054		
MEFV	ENSG00000103313.12	0.60249649	1	1	0.60249649	Brain_Putamen_basal_ganglia
	0.60249649	Brain_Putamen_basal_ganglia	1	1	1	0.520813799
	0.520813799	0.520813799	NA	1	0	0.998207054
HEY1	ENSG00000164683.16	0.602679916	2	2	0.324924794	
	Brain_Hypothalamus	0.769176249	Brain_Putamen_basal_ganglia	1.0864971		
	0.9135029	0.9135029	-0.293452569	0.984387963	0.345467697	
	0.903569705	2	0	0.998207054		
DMBT1	ENSG00000187908.16	0.602785614	3	2	0.312404012	Brain_Amygdala
	0.988763358	Brain_Hippocampus	1.95127757	0.06310147	0.985620961	
	-0.014083507	1.010190538	0.40245366	0.538240027	2	0
	0.998207054					
RGS7	ENSG00000182901.16	0.602805343	1	1	0.602805343	
	Brain_Spinal_cord_cervical_c-1	0.602805343	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.520370535	0.520370535	0.520370535
						NA
						1
						0
	0.998207054					
ZCRB1	ENSG00000139168.7	0.602829116	6	4	0.527727589	Brain_Cortex
	0.899591103	Brain_Cerebellum	4.398384738	0.018596645	0.164947485	
	-0.35458824	0.631478674	0.115760469	0.377314821	4	0
	0.998207054					
SMIM22	ENSG00000267795.5	0.603136656	11	8	0.137676621	
	Brain_Hippocampus	0.972942118	Brain_Caudate_basal_ganglia	5.098188957		
	0.022082654	0.230130315	-0.134668156	1.484498877	0.722571216	
	0.577075055	8	0	0.998207054		
NOTO	ENSG00000214513.3	0.603197723	2	2	0.317474908	Brain_Cerebellum
	0.35502825	Brain_Cerebellar_Hemisphere	1.872283742	0.127716258		
	0.127716258	-0.999660346	-0.924880155	-0.962270251	0.05287758	2
	0	0.998207054				
ZNF529	ENSG00000186020.12	0.60324274	10	6	0.05381124	Brain_Hippocampus
	0.66739303	Brain_Frontal_Cortex_BA9	6.809986212	0.043070315		
	0.261154585	-1.92835295	-0.429728664	-1.228104889	0.491469104	
	6	0	0.998207054			
WDR33	ENSG00000136709.11	0.603718477	1	1	0.603718477	
	Brain_Substantia_nigra	0.603718477	Brain_Substantia_nigra	1	1	
	1	-0.519060607	-0.519060607	-0.519060607	NA	1
						0
	0.998207054					

ACOT6	ENSG00000205669.2	0.603795694	8	2	0.216831379	Brain_Cortex
	0.988730065	Brain_Caudate_basal_ganglia	6.613118733	0.002790968		
	0.935469968	-1.234997648	0.014125238	-0.889464442	0.468579802	
	2	0	0.998207054			
ENC1	ENSG00000171617.13	0.603864299	1	1	0.603864299	Brain_Cerebellum
	0.603864299	Brain_Cerebellum	1	1	-0.518851503	-0.518851503
	-0.518851503	NA	1	0	0.998207054	
INA	ENSG00000148798.10	0.603889359	6	4	0.129449967	
	Brain_Anterior_cingulate_cortex_BA24	0.454320696			Brain_Putamen_basal_ganglia	
	3.490667397	0.030012753	0.474239579	-1.516274462	-0.748231231	
	-0.920921701	0.295969404	4	0	0.998207054	
GDI2	ENSG00000057608.16	0.603940365	6	3	0.146983292	
	Brain_Caudate_basal_ganglia	0.754445677			Brain_Frontal_Cortex_BA9	
	4.608308748	0.011722518	0.291677359	-1.450269819	-0.312782808	
	-0.972715262	0.392410751	3	0	0.998207054	
DNASE2	ENSG00000105612.8	0.604068451	4	3	0.271302889	
	Brain_Nucleus_accumbens_basal_ganglia	0.932610535			Brain_Cerebellar_Hemisphere	
	2.230680611	0.032926492	0.732164348	-1.100067095	0.360488209	
	-0.306816106	0.61460419	3	0	0.998207054	
CALCR1	ENSG00000064989.12	0.604102052	3	3	0.359720751	
	Brain_Cerebellum	0.534673144			Brain_Cerebellar_Hemisphere	1.634208464
	0.332819359	0.332819359	-0.915897324	-0.620888264	-0.799045715	
	0.156768591	3	0	0.998207054		
TMEM184B	ENSG00000198792.12	0.604271847	2	2	0.445374693	
	Brain_Cerebellar_Hemisphere	0.987258473			Brain_Nucleus_accumbens_basal_ganglia	
	1.661566826	0.338433174	0.338433174	-0.763148743	-0.015969815	
	-0.389559279	0.528335287	2	0	0.998207054	
CYP51A1	ENSG00000001630.15	0.604450537	2	2	0.447321752	
	Brain_Spinal_cord_cervical_c-1	0.527200008			Brain_Hypothalamus	
	1.029923527	0.970076473	0.970076473	-0.632286002	0.759887637	
	0.063800817	0.984415421	2	0	0.998207054	
VPS37A	ENSG00000155975.9	0.604580678	3	3	0.266986675	
	Brain_Spinal_cord_cervical_c-1	0.7361644	Brain_Amygdala	1.095036428		
	0.899764238	0.899764238	-0.732838773	1.110028663	0.238042293	
	0.925405434	3	0	0.998207054		
GOLGA8T	ENSG00000261247.1	0.604582022	2	2	0.388223255	
	Brain_Putamen_basal_ganglia	0.705413111			Brain_Caudate_basal_ganglia	
	1.148464354	0.851535646	0.851535646	-0.862843979	0.378023534	
	-0.242410222	0.877425833	2	0	0.998207054	
LACTB2	ENSG00000147592.8	0.604605851	8	3	0.373752958	
	Brain_Caudate_basal_ganglia	0.930876839			Brain_Anterior_cingulate_cortex_BA24	
	6.323787987	0.00398324	0.339127995	0.086741688	0.889465497	
	0.530163012	0.262359643	3	0	0.998207054	
NCMAP	ENSG00000184454.6	0.60462718	7	6	0.141490614	
	Brain_Nucleus_accumbens_basal_ganglia	0.958539792			Brain_Cortex	
	3.136390634	0.017471199	0.289432932	-1.145140065	1.470262718	
	-0.108920866	0.868053111	6	0	0.998207054	
HDAC4	ENSG00000068024.16	0.604645673	2	2	0.316758509	
	Brain_Hippocampus	0.937604345			Brain_Cortex	1.015490131
	0.984509869	0.984509869	-0.078281233	1.001141282	0.461430024	
	0.76326698	2	0	0.998207054		
POPDC2	ENSG00000121577.13	0.604718529	3	3	0.182245017	
	Brain_Cerebellar_Hemisphere	0.966174803			Brain_Amygdala	1.153777145
	0.865136181	0.865136181	-1.333874417	-0.042406304	-0.603532315	
	0.662154088	3	0	0.998207054		
SLC37A2	ENSG00000134955.11	0.604736121	2	2	0.325743985	
	Brain_Cerebellar_Hemisphere	0.552821363			Brain_Cerebellum	1.740956142
	0.259043858	0.259043858	0.593537696	0.9827226	0.788130148	
	0.275195285	2	0	0.998207054		
ATAD3A	ENSG00000197785.13	0.604767306	3	3	0.348496514	
	Brain_Anterior_cingulate_cortex_BA24	0.659484226			Brain_Cortex	
	1.404391685	0.608339484	0.608339484	-0.937509549	0.538606316	

LCE1C	ENSG00000197084.5	0.013907382	0.825406384	3	0	0.998207054				
		0.396859715	Brain_Cerebellar_Hemisphere	1.765362591	0.234637409					
		0.234637409	0.847242956	0.993818557	0.920530757	0.103644601				
		2	0	0.998207054						
PC	ENSG00000173599.13	0.766342194	0.604830116	2	2	0.335642021	Brain_Cerebellum			
		-0.962811714	Brain_Caudate_basal_ganglia	1.01748302	0.98251698	0.98251698				
		0.998207054	-0.297162835	-0.629987274	0.470684836	2	0			
NCK2	ENSG00000071051.13	1.053788666	0.604957953	2	2	0.316058275				
		0.529267386	Brain_Cerebellar_Hemisphere	0.955386544	Brain_Caudate_basal_ganglia					
		0.529267386	0.946211334	0.946211334	0.055943843	1.002590928				
		0.998207054	0.669380573	2	0	0.998207054				
QRICH2	ENSG00000129646.14	3.822419813	0.604998862	6	6	0.082096045				
		-0.783830933	Brain_Anterior_cingulate_cortex_BA24	0.816874924	Brain_Cerebellum					
		0.998207054	0.145037357	0.145037357	-1.738651707	-0.231566249				
FANCE	ENSG00000112039.3	0.998207054	0.605084823	1	1	0.605084823				
		0.998207054	Brain_Caudate_basal_ganglia	0.605084823	Brain_Caudate_basal_ganglia	1	1			
		0.998207054	0.517102193	0.517102193	0.517102193	NA	1	0		
RAB2B	ENSG00000129472.13	0.998207054	0.605152382	1	1	0.605152382				
		0.998207054	Brain_Spinal_cord_cervical_c-1	0.605152382	Brain_Spinal_cord_cervical_c-1					
		0.998207054	1	1	1	0.517005411	0.517005411	0.517005411	NA	1
		0.998207054	0.517005411	0.517005411	0.517005411	NA	1	0		
CHCHD2	ENSG00000106153.12	0.937425903	0.605326128	11	2	0.186268496				
		0.937425903	Brain_Hypothalamus	0.699189872	Brain_Anterior_cingulate_cortex_BA24					
		0.998207054	9.640494126	0.00043181	0.760344318	0.386414286	1.321698716			
		0.998207054	0.276795008	2	0	0.998207054				
DTX3	ENSG00000178498.15	0.571172762	0.605330353	2	2	0.435736599	Brain_Amygdala			
		0.921243658	Brain_Caudate_basal_ganglia	1.078756342	0.921243658					
		0.998207054	-0.566325156	0.779412779	0.106543811	0.95158042	2			
		0.998207054	0.779412779	0.779412779	0.106543811	0.95158042	2			
SLC27A1	ENSG00000130304.16	0.005218484	0.605356723	6	2	0.496009024				
		0.287356945	Brain_Substantia_nigra	0.846776459	Brain_Cerebellum	5.484541935				
		0.998207054	0.294758597	-0.21793265	0.68078266	0.243859582				
		0.998207054	2	0	0.998207054					
FBXO22	ENSG00000167196.13	-0.798174996	0.605404842	5	4	0.138735383				
		0.998207054	Brain_Cerebellar_Hemisphere	0.974352579	Brain_Anterior_cingulate_cortex_BA24					
		0.998207054	3.252882309	0.059975016	0.186268423	-1.480516791	-0.032149813			
		0.998207054	-0.798174996	0.636430935	4	0	0.998207054			
PPP1CB	ENSG00000213639.9	0.008360137	0.605502163	9	4	0.468932286				
		0.458858339	Brain_Caudate_basal_ganglia	0.960737607	Brain_Hippocampus	7.12621986				
		0.998207054	0.250625177	-0.724217387	0.584918335	-0.176129312				
		0.998207054	4	0	0.998207054					
DIS3L2	ENSG00000144535.19	0.516458911	0.605533929	1	1	0.605533929				
		0.516458911	Brain_Hippocampus	0.605533929	Brain_Hippocampus	1	1	1		
		0.998207054	0.516458911	0.516458911	NA	1	0	0.998207054		
RP11-861E21.1	ENSG00000267108.1	0.005182862	0.605555902	13	2	0.188032061				
		0.508417625	Brain_Spinal_cord_cervical_c-1	0.967930612	Brain_Amygdala	11.0847111				
		0.998207054	0.748862896	-0.866349665	1.316423138	-0.090491378				
		0.998207054	2	0	0.998207054					
PCYOX1	ENSG00000116005.11	0.998207054	0.605605754	1	1	0.605605754				
		0.998207054	Brain_Caudate_basal_ganglia	0.605605754	Brain_Caudate_basal_ganglia	1	1			
		0.998207054	1	-0.516356052	-0.516356052	-0.516356052	NA	1	0	
		0.998207054	-0.516356052	-0.516356052	-0.516356052	NA	1	0		
NRIP2	ENSG00000053702.14	0.206251671	0.605697333	4	4	0.240108968				
		0.793408228	Brain_Caudate_basal_ganglia	0.5373702	Brain_Putamen_basal_ganglia	2.387439659				
		0.998207054	0.206251671	-1.174714471	0.683349871	-0.446019769				
		0.998207054	4	0	0.998207054					
LYPD8	ENSG00000259823.5	0.735788792	0.60574967	4	4	0.153941124	Brain_Cortex			
		0.998207054	Brain_Caudate_basal_ganglia	1.995288844	0.09020112	0.09020112				
		0.998207054	1.995288844	1.995288844	0.09020112	0.09020112				

	-0.97217065	1.425747902	-0.088555977	1.045882536	4	0
	0.998207054					
LRRC4C	ENSG00000148948.7	0.605790561	3	3	0.191627447	
	Brain_Spinal_cord_cervical_c-1	0.938765192			Brain_Caudate_basal_ganglia	
	1.154467167	0.875395096	0.875395096	-0.076821945	1.305779814	
	0.550826906	0.700036891	3	0	0.998207054	
CAHM	ENSG00000270419.1	0.605794444	1	1	0.605794444	
	Brain_Nucleus_accumbens_basal_ganglia	0.605794444				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.51608586	
	-0.51608586	-0.51608586	NA	1	0	0.998207054
TRAPPC8	ENSG00000153339.13	0.605825702	1	1	0.605825702	
	Brain_Cerebellum	0.605825702	Brain_Cerebellum	1	1	-0.516041103
	-0.516041103	-0.516041103	NA	1	0	0.998207054
POMGNT2	ENSG00000144647.5	0.605895121	10	4	0.218623744	
	Brain_Spinal_cord_cervical_c-1	0.819354223			Brain_Cerebellar_Hemisphere	
	7.597509332	0.001382161	0.396138819	-0.633681746	1.23019593	
	-0.268080507	0.539385263	4	0	0.998207054	
ZBTB49	ENSG00000168826.15	0.606102984	4	4	0.168190486	
	Brain_Hippocampus	0.511880025	Brain_Spinal_cord_cervical_c-1			
	1.842583583	0.373361399	0.373361399	-1.188446394	1.378041466	
	0.38303131	1.099426543	4	0	0.998207054	
CENPJ	ENSG00000151849.14	0.606107373	8	4	0.106495711	
	Brain_Anterior_cingulate_cortex_BA24	0.557954173	Brain_Putamen_basal_ganglia			
	5.977707244	0.03402641	0.3330081	0.585882955	1.614146234	
	1.185402668	0.32743429	4	0	0.998207054	
TSGA10	ENSG00000135951.14	0.606228295	12	3	0.29511602	Brain_Cerebellum
	0.782338377	Brain_Amygdala	9.564375491	0.001363727	0.707041859	
	-0.464032825	1.046964352	0.493070483	0.459406599	3	0
	0.998207054					
GFPT2	ENSG00000131459.12	0.606288343	7	7	0.097548686	
	Brain_Caudate_basal_ganglia	0.862249113	Brain_Putamen_basal_ganglia			
	2.107852049	0.210843729	0.210843729	-0.477740153	1.656855533	
	0.367000691	0.785404568	7	0	0.998207054	
LINC00339	ENSG00000218510.6	0.606302981	13	1	0.411571899	
	Brain_Nucleus_accumbens_basal_ganglia	0.942718978				
	Brain_Spinal_cord_cervical_c-1	12.49107273	0.000460029	12.49107273		
	-0.82113057	0.204418793	-0.499033049	0.317189472	1	0
	0.998207054					
Clorf220	ENSG00000213057.5	0.606360074	3	3	0.585057807	
	Brain_Caudate_basal_ganglia	0.778739948	Brain_Cerebellum	2.102703203		
	0.121715457	0.121715457	-0.546011828	0.280961475	-0.183470268	
	0.422797136	3	0	0.998207054		
HIPK2	ENSG00000064393.15	0.606385121	2	2	0.341065372	
	Brain_Hypothalamus	0.752195336	Brain_Putamen_basal_ganglia	1.009529091		
	0.990470909	0.990470909	-0.95206233	-0.315745963	-0.633904147	
	0.449943618	2	0	0.998207054		
ASRGL1	ENSG00000162174.12	0.606435109	10	3	0.343074325	
	Brain_Hippocampus	0.906249579	Brain_Caudate_basal_ganglia	7.520339737		
	0.000263359	0.934262697	-0.355195167	0.948108297	0.323750101	
	0.520245116	3	0	0.998207054		
SH2B1	ENSG00000178188.14	0.606440489	4	3	0.211727629	Brain_Cerebellum
	0.741492178	Brain_Hypothalamus	1.979147882	0.038463229	0.97089311	
	-1.248828987	0.352496762	-0.433893846	0.895625663	3	0
	0.998207054					
WAC	ENSG00000095787.21	0.606478654	4	4	0.289889627	
	Brain_Substantia_nigra	0.930977917	Brain_Cerebellar_Hemisphere			
	2.594303088	0.127966548	0.127966548	-0.38724801	1.058363777	
	0.144688745	0.63924169	4	0	0.998207054	
UTP18	ENSG00000011260.13	0.606606133	11	3	0.257476261	Brain_Cerebellum
	0.970984458	Brain_Spinal_cord_cervical_c-1	8.92754264	0.000470483		
	0.433852814	-0.826896042	1.132376309	-0.079430803	0.526351168	
	3	0	0.998207054			

KYNU	ENSG00000115919.14	0.606610789	2	2	0.336892461			
	Brain_Substantia_nigra	0.577611472				Brain_Putamen_basal_ganglia		
	1.303656748	0.696343252	0.696343252		0.556876998	0.96032343		
	0.758600214	0.285279708	2	0	0.998207054			
PIGK	ENSG00000142892.14	0.606779245	2	2	0.4320058			
	Brain_Nucleus_accumbens_basal_ganglia	0.533118165				Brain_Putamen_basal_ganglia		
	1.006877529	0.993122471	0.993122471		-0.785763933	0.623253172		
	-0.081255381	0.99632555	2	0	0.998207054			
ZNF781	ENSG00000196381.10	0.60701034	10	3	0.344467641		Brain_Cortex	
	0.880673325	Brain_Spinal_cord_cervical_c-1			8.166701072	0.015363892		
	0.339051576	-0.473938251	0.945374647		0.178192224	0.503996509		
	3	0	0.998207054					
RAB8B	ENSG00000166128.12	0.607012062	2	2	0.353870778			
	Brain_Substantia_nigra	0.73250373	Brain_Cerebellum	1.033083558				
	0.966916442	0.966916442	-0.927107394		0.341796916	-0.292655239		
	0.897250842	2	0	0.998207054				
TMEM45A	ENSG00000181458.10	0.607029285	4	4	0.430984452			
	Brain_Spinal_cord_cervical_c-1	0.884985856				Brain_Substantia_nigra		
	2.435875249	0.136393638	0.136393638		-0.594167223	0.787508162		
	0.220737788	0.604485176	4	0	0.998207054			
OGFOD3	ENSG00000181396.12	0.607064507	12	9	0.139398448			
	Brain_Frontal_Cortex_BA9	0.861795892				Brain_Anterior_cingulate_cortex_BA24		
	5.042143231	0.006476779	0.1982555		-1.069670476	1.478034858		
	-0.032581797	0.847224226	9	0	0.998207054			
RARS2	ENSG00000146282.17	0.607152414	2	2	0.459305617		Brain_Cortex	
	0.95547426	Brain_Hippocampus	1.629329351		0.370670649	0.370670649		
	-0.055833736	0.739990733	0.342078499		0.562732879	2	0	
	0.998207054							
LINC02019	ENSG00000273356.1	0.607266205	2	2	0.387627255			
	Brain_Caudate_basal_ganglia	0.510829595				Brain_Substantia_nigra		
	1.191731997	0.808268003	0.808268003		0.657546479	0.863928344		
	0.760737412	0.145934016	2	0	0.998207054			
EFEMP2	ENSG00000172638.12	0.607328454	4	3	0.183808834			
	Brain_Cerebellar_Hemisphere	0.802003753				Brain_Hypothalamus	2.687234065	
	0.059375523	0.434847096	0.250754718		1.329118634	0.824822104		
	0.508105303	3	0	0.998207054				
TSEN15	ENSG00000198860.11	0.607526101	9	4	0.114864679			
	Brain_Cerebellum	0.979419457				Brain_Nucleus_accumbens_basal_ganglia	7.07117774	
	0.006572691	0.306817227	-1.576699529		0.025796747	-1.088989006		
	0.45054089	4	0	0.998207054				
DNAJC3-AS1	ENSG00000247400.3	0.607589449	6	6	0.07978137			
	Brain_Nucleus_accumbens_basal_ganglia	0.760887695				Brain_Caudate_basal_ganglia		
	3.381822394	0.12920723	0.12920723		0.304315293	1.751956026		
	1.273341991	0.517445008	6	0	0.998207054			
UBE2F	ENSG00000184182.18	0.607656972	4	4	0.20303574			
	Brain_Nucleus_accumbens_basal_ganglia	0.851991684						
	Brain_Spinal_cord_cervical_c-1	2.638938326			0.187184852	0.187184852		
	-1.272950126	-0.186577788	-0.781660146		0.462753025	4	0	
	0.998207054							
AC003090.1	ENSG00000223561.6	0.607792954	4	3	0.188961432			
	Brain_Caudate_basal_ganglia	0.552049753				Brain_Hypothalamus	2.818408846	
	0.093455676	0.406243434	0.594691427		1.313657671	0.841587704		
	0.332295467	3	0	0.998207054				
AP001065.15	ENSG00000228709.1	0.607801715	1	1	0.607801715			
	Brain_Spinal_cord_cervical_c-1	0.607801715				Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.513213883	0.513213883	0.513213883	NA	1
	0.998207054							0
ZFP69	ENSG00000187815.9	0.607826491	12	3	0.547291836		Brain_Cerebellum	
	0.963468496	Brain_Cortex	10.3296247	0.01291083	0.52708695	-0.601823192		
	0.557420474	0.117494739	0.408505084		3	0	0.998207054	
ZCCHC2	ENSG00000141664.9	0.607854251	1	1	0.607854251			
	Brain_Cerebellum	0.607854251	Brain_Cerebellum	1	1	1	0.513138773	

	0.513138773	0.513138773	NA	1	0	0.998207054	
RASGRP2	ENSG00000068831.18	0.607876889		1	1	0.607876889	
	Brain_Hippocampus	0.607876889		Brain_Hippocampus	1	1	1
	-0.513106409	-0.513106409	-0.513106409	NA	1	0	0.998207054
FAM124A	ENSG00000150510.16	0.6080096		1	1	0.6080096	Brain_Cortex
	0.6080096	Brain_Cortex	1	1	1	-0.512916687	-0.512916687
	-0.512916687	NA	1	0	0.998207054		
LAYN	ENSG00000204381.11	0.608113631		10	5	0.100965632	Brain_Amygdala
	0.93479934	Brain_Putamen_basal_ganglia	6.643794968			0.014956186	
	0.455798741	-1.640190174	0.396091736			-0.051779258	0.590796379
	5	0	0.998207054				
TPM1	ENSG00000140416.19	0.608160045		3	3	0.219086141	
	Brain_Cerebellar_Hemisphere	0.980131451		Brain_Cerebellum	1.409219126		
	0.509202383	0.509202383	-1.228961768			0.024904107	-0.571690339
	0.62913129	3	0	0.998207054			
ANXA13	ENSG00000104537.16	0.608236231		4	4	0.129947291	
	Brain_Spinal_cord_cervical_c-1	0.868812059		Brain_Hypothalamus			
	1.479112986	0.522442918	0.522442918			-0.16516761	1.514309772
	0.645464733	0.68822552	4	0	0.998207054		
PLPP2	ENSG00000141934.9	0.608418218		1	1	0.608418218	Brain_Cortex
	0.608418218	Brain_Cortex	1	1	1	-0.51233265	-0.51233265
	-0.51233265	NA	1	0	0.998207054		
VTA1	ENSG00000009844.15	0.608434988		7	6	0.171700921	Brain_Cortex
	0.953866667	Brain_Cerebellum	4.924282482			0.037209361	0.168657782
	-0.24082681	1.3667588	0.48375908	0.601752905	6	0	0.998207054
RAB42	ENSG00000188060.7	0.608489262		1	1	0.608489262	Brain_Cortex
	0.608489262	Brain_Cortex	1	1	1	-0.512231126	-0.512231126
	-0.512231126	NA	1	0	0.998207054		
RP1-182D15.2	ENSG00000236173.1	0.608541426		10	3	0.216272597	
	Brain_Nucleus_accumbens_basal_ganglia	0.925883178		Brain_Hypothalamus			
	7.947524271	0.007403018	0.576385623			-1.236500455	0.327080739
	-0.449260584	0.460097806	3	0	0.998207054		
ELK4	ENSG00000158711.13	0.608614709		1	1	0.608614709	Brain_Cerebellum
	0.608614709	Brain_Cerebellum	1	1	1	-0.512051869	-0.512051869
	-0.512051869	NA	1	0	0.998207054		
CA12	ENSG00000074410.13	0.60862218		9	7	0.069144437	
	Brain_Substantia_nigra	0.984749698		Brain_Cerebellum	5.524154078		
	0.019248921	0.233360464	-1.817474841			0.628106866	-0.413510579
	0.70151004	7	0	0.998207054			
GFM2	ENSG00000164347.17	0.608747829		8	5	0.280451269	
	Brain_Caudate_basal_ganglia	0.973854673		Brain_Cerebellum	5.514577771		
	0.001305738	0.267588869	-1.079306158			0.60052948	-0.37686803
	0.512636202	5	0	0.998207054			
TMTC4	ENSG00000125247.15	0.608842933		6	6	0.096217015	Brain_Amygdala
	0.974167439	Brain_Putamen_basal_ganglia	3.280904958			0.116623861	
	0.116623861	-1.663476882	0.230549766			-0.272187534	0.696173523
	6	0	0.998207054				
PRR15	ENSG00000176532.3	0.608879904		1	1	0.608879904	Brain_Amygdala
	0.608879904	Brain_Amygdala	1	1	1	-0.511672974	-0.511672974
	-0.511672974	NA	1	0	0.998207054		
DSE	ENSG00000111817.16	0.609024512		3	3	0.294743496	
	Brain_Substantia_nigra	0.998103885		Brain_Cerebellar_Hemisphere			
	1.536745576	0.459766881	0.459766881			-0.00237643	1.047772369
	0.571708996	0.531892252	3	0	0.998207054		
AURKA	ENSG00000087586.17	0.609111625		1	1	0.609111625	Brain_Cortex
	0.609111625	Brain_Cortex	1	1	1	0.511341965	0.511341965
	0.511341965	NA	1	0	0.998207054		
MYOM2	ENSG00000036448.9	0.609186503		13	5	0.328657071	
	Brain_Hypothalamus	0.885020529		Brain_Nucleus_accumbens_basal_ganglia			
	7.914367307	0.01059561	0.342844021			-0.976822427	0.886884575
	-0.228000283	0.629187398	5	0	0.998207054		
PITRM1	ENSG00000107959.15	0.609281423		11	5	0.164864152	

	Brain_Amygdala	0.79174526	Brain_Cerebellum	7.279857644	0.021780651		
	0.321241881	0.264044979	1.388896741	0.784510716	0.40383425	5	
	0	0.998207054					
UCK2	ENSG00000143179.14	0.609335861	1	1	0.609335861	Brain_Cerebellum	
	0.609335861	Brain_Cerebellum	1	1	-0.511021702	-0.511021702	
	-0.511021702	NA	1	0	0.998207054		
NBR1	ENSG00000188554.13	0.60939093	7	3	0.301887017		
	Brain_Caudate_basal_ganglia	0.959915138	Brain_Cerebellum	5.460052436			
	0.001685989	0.430968903	-0.327804024	1.032395206	0.278125998		
	0.42353205	3	0	0.998207054			
TPM2	ENSG00000198467.13	0.609878066	12	2	0.418423556		
	Brain_Caudate_basal_ganglia	0.886907025	Brain_Nucleus_accumbens_basal_ganglia				
	10.84155913	0.004047949	0.403829604	-0.809159242	0.597855507		
	-0.267285786	0.368039502	2	0	0.998207054		
ADGRE2	ENSG00000127507.17	0.609933777	2	2	0.339259074		
	Brain_Spinal_cord_cervical_c-1	0.65468864	Brain_Amygdala	1.679176889			
	0.320823111	0.320823111	0.447258205	0.955630248	0.701444226		
	0.359473319	2	0	0.998207054			
ICAM5	ENSG00000105376.4	0.610076141	2	2	0.328541323		
	Brain_Cerebellar_Hemisphere	0.892584785	Brain_Putamen_basal_ganglia				
	1.049462845	0.950537155	0.950537155	0.135034262	0.977056214		
	0.556045238	0.595399433	2	0	0.998207054		
ODF3B	ENSG00000177989.13	0.610239159	1	1	0.610239159	Brain_Cortex	
	0.610239159	Brain_Cortex	1	1	-0.509732103	-0.509732103	
	-0.509732103	NA	1	0	0.998207054		
GGT1	ENSG00000100031.18	0.610371367	2	2	0.320421232		
	Brain_Nucleus_accumbens_basal_ganglia	0.827786184	Brain_Cerebellar_Hemisphere				
	1.206921359	0.793078641	0.793078641	-0.993592634	-0.217541737		
	-0.605567186	0.548750852	2	0	0.998207054		
FAM184A	ENSG00000111879.18	0.610647313	2	2	0.333491182		
	Brain_Cortex	0.337176737	Brain_Frontal_Cortex_BA9	1.88229947	0.11770053		
	0.11770053	-0.967105728	-0.959758571	-0.96343215	0.005195224	2	
	0	0.998207054					
C1QTNF4	ENSG00000172247.3	0.610665082	4	2	0.255997407		
	Brain_Caudate_basal_ganglia	0.815594201	Brain_Cerebellum	3.486333439			
	0.029088463	0.382270553	0.233215332	1.135902415	0.63747486		
	0.427881222	2	0	0.998207054			
LINC00664	ENSG00000268658.5	0.610699046	9	3	0.299459624		
	Brain_Frontal_Cortex_BA9	0.825106736	Brain_Cortex	7.370917486			
	0.004271595	0.27475913	-0.500594103	1.037592901	0.425703134		
	0.41744848	3	0	0.998207054			
PON1	ENSG00000005421.8	0.610738744	2	2	0.321041862		
	Brain_Anterior_cingulate_cortex_BA24	0.828501744	Brain_Hypothalamus				
	1.25571262	0.74428738	0.74428738	0.216623534	0.992319155	0.604471344	
	0.548499633	2	0	0.998207054			
KDELC2	ENSG00000178202.12	0.610926048	6	2	0.267939475		
	Brain_Cortex	0.531471539	Brain_Nucleus_accumbens_basal_ganglia				
	5.499815795	0.024388684	0.244327894	0.62576127	1.107820198		
	0.932333324	0.168845165	2	0	0.998207054		
SPOPL	ENSG00000144228.8	0.610990768	1	1	0.610990768	Brain_Cerebellum	
	0.610990768	Brain_Cerebellum	1	1	0.508659709	0.508659709	
	0.508659709	NA	1	0	0.998207054		
UPP1	ENSG00000183696.13	0.611070536	2	2	0.384957557		
	Brain_Cerebellar_Hemisphere	0.595768291	Brain_Cerebellum	1.876502658			
	0.123497342	0.123497342	0.530495698	0.868798128	0.699646913		
	0.239215942	2	0	0.998207054			
CPSF2	ENSG00000165934.12	0.611150065	10	2	0.260920264		
	Brain_Nucleus_accumbens_basal_ganglia	0.789417128	Brain_Putamen_basal_ganglia				
	9.042745067	0.001735753	0.47298064	0.267067581	1.124218688		
	0.732513141	0.250758682	2	0	0.998207054		
IZUMO4	ENSG00000099840.13	0.611234554	1	1	0.611234554		
	Brain_Hippocampus	0.611234554	Brain_Hippocampus	1	1	1	

	-0.508312003	-0.508312003	-0.508312003	NA	1	0	0.998207054
CNOT7	ENSG00000198791.11	0.61127219	11	2	0.270431014		
	Brain_Frontal_Cortex_BA9	0.590172682			Brain_Spinal_cord_cervical_c-1		
	9.79797696	0.008323644	0.402363316		0.538585809	1.102070521	
	0.872395114	0.159270961	2	0	0.998207054		
MFSD5	ENSG00000182544.8	0.611327029	2	2	0.322276879		
	Brain_Nucleus_accumbens_basal_ganglia	0.844193769			Brain_Frontal_Cortex_BA9		
	1.130902494	0.869097506	0.869097506		-0.989789784	-0.196532025	
	-0.593160904	0.560917941	2	0	0.998207054		
SLC7A14	ENSG00000013293.5	0.611345786	2	2	0.346599161		
	Brain_Caudate_basal_ganglia	0.767647867			Brain_Hypothalamus	1.019170043	
	0.980829957	0.980829957	-0.295452979		0.941206276	0.322876648	
	0.874450145	2	0	0.998207054			
PLCXD3	ENSG00000182836.9	0.611448867	1	1	0.611448867		
	Brain_Cortex	0.611448867	Brain_Cortex	1	1	1	-0.508006383
	-0.508006383	-0.508006383	NA	1	0	0.998207054	
NR6A1	ENSG00000148200.16	0.611556853	1	1	0.611556853		
	Brain_Caudate_basal_ganglia	0.611556853			Brain_Caudate_basal_ganglia	1	1
	1	-0.507852407	-0.507852407	-0.507852407	NA	1	0
	0.998207054						
SENP1	ENSG00000079387.13	0.611680324	2	2	0.568294928		
	Brain_Hypothalamus	0.974490785	Brain_Cortex	1.798852838			
	0.201147162	0.201147162	-0.031976508		0.570564442	0.269293967	
	0.426060792	2	0	0.998207054			
ZNF573	ENSG00000189144.13	0.611776566	1	1	0.611776566		
	Brain_Cerebellar_Hemisphere	0.611776566			Brain_Cerebellar_Hemisphere	1	1
	1	0.507539162	0.507539162	0.507539162	NA	1	0
	0.998207054						
LINC01099	ENSG00000251504.1	0.611785964	8	7	0.261128075		
	Brain_Putamen_basal_ganglia	0.93843272	Brain_Substantia_nigra	4.578689676			
	0.00965019	0.261097531	-0.685875214		1.123728845	0.292913792	
	0.555715388	7	0	0.998207054			
CTTNBP2NL	ENSG00000143079.14	0.611787258	4	4	0.142356415		
	Brain_Substantia_nigra	0.732550118			Brain_Hypothalamus	1.210577519	
	0.810885063	0.810885063	-1.467072202		0.372204242	-0.271356953	
	0.863405205	4	0	0.998207054			
GRM3	ENSG00000198822.10	0.611817387	2	2	0.322434413	Brain_Amygdala	
	0.970511928	Brain_Cerebellum	1.023234921		0.976765079	0.976765079	
	-0.989467604	0.036966234	-0.476250685		0.725798327	2	0
	0.998207054						
SOHLH1	ENSG00000165643.10	0.611879115	3	3	0.25227661		
	Brain_Nucleus_accumbens_basal_ganglia	0.809574313			Brain_Putamen_basal_ganglia		
	1.040155575	0.96614825	0.96614825	-1.144837181	0.240975231		
	-0.519944574	0.702848888	3	0	0.998207054		
CDC26	ENSG00000176386.8	0.611951494	12	2	0.08909165		
	Brain_Cerebellar_Hemisphere	0.88830003	Brain_Hypothalamus	10.7218531			
	0.002699234	0.494514781	0.1404556	1.70020884	0.819566814		
	0.429857956	2	0	0.998207054			
DBH	ENSG00000123454.10	0.611973647	3	3	0.325767528		
	Brain_Frontal_Cortex_BA9	0.551944448			Brain_Cortex	1.180580653	
	0.855303866	0.855303866	-0.635150607		0.982674778	-0.082441591	
	0.922637911	3	0	0.998207054			
LINC00909	ENSG00000264247.1	0.612018226	13	3	0.327904988		
	Brain_Cortex	0.697571157	Brain_Caudate_basal_ganglia	10.8310006			
	0.004428864	0.402145939	-0.978342436		0.429288536	-0.653770555	
	0.377135485	3	0	0.998207054			
TRABD2A	ENSG00000186854.10	0.612062158	4	4	0.221844816		
	Brain_Caudate_basal_ganglia	0.906717967			Brain_Cerebellar_Hemisphere		
	1.887383083	0.36130427	0.36130427	-0.117179304	1.221637303		
	0.555749991	0.558786018	4	0	0.998207054		
HIPK4	ENSG00000160396.8	0.612122861	1	1	0.612122861	Brain_Cortex	
	0.612122861	Brain_Cortex	1	1	1	-0.507045547	-0.507045547

	-0.507045547	NA	1	0	0.998207054				
FBXW7	ENSG00000109670.13		0.612160721	1	1	0.612160721			
	Brain_Putamen_basal_ganglia	0.612160721				Brain_Putamen_basal_ganglia	1	1	
	1	-0.506991588	-0.506991588	-0.506991588	NA	1	0		
	0.998207054								
NAA50	ENSG00000121579.12		0.612167638	2	2	0.32339962			
	Brain_Frontal_Cortex_BA9	0.951301691				Brain_Spinal_cord_cervical_c-1			
	1.018837273	0.981162727	0.981162727			0.061072222	0.987495843		
	0.524284033	0.655080425	2	0	0.998207054				
LINC01678	ENSG00000225331.1		0.612219636	8	6	0.179518083			
	Brain_Hypothalamus	0.92115926	Brain_Spinal_cord_cervical_c-1	4.867375999					
	1.54E-16	0.189352162	-0.147319132	1.342240334	0.604942377				
	0.52903295	6	0	0.998207054					
CLYBL	ENSG00000125246.15		0.612285597	3	3	0.180008612			
	Brain_Caudate_basal_ganglia	0.968391654	Brain_Frontal_Cortex_BA9						
	1.136508292	0.806584762	0.806584762	0.039625555	1.340728517				
	0.509548207	0.721870869	3	0	0.998207054				
CAPZA2	ENSG00000198898.13		0.612553059	1	1	0.612553059			
	Brain_Anterior_cingulate_cortex_BA24	0.612553059							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.506432508				
	0.506432508	0.506432508	NA	1	0	0.998207054			
DMC1	ENSG00000100206.9		0.612682723	1	1	0.612682723			
	Brain_Substantia_nigra	0.612682723	Brain_Substantia_nigra	1	1				
	1	-0.506247771	-0.506247771	-0.506247771	NA	1	0		
	0.998207054								
ATG5	ENSG00000057663.14		0.612717196	1	1	0.612717196			
	Brain_Hypothalamus	0.612717196	Brain_Hypothalamus	1	1	1			
	-0.506198659	-0.506198659	-0.506198659	NA	1	0	0.998207054		
SLC7A11	ENSG00000151012.13		0.612738118	3	3	0.193115321			
	Brain_Nucleus_accumbens_basal_ganglia	0.96232683	Brain_Caudate_basal_ganglia						
	1.171991774	0.809621153	0.809621153	-0.047233874	1.301418277				
	0.450133542	0.740715031	3	0	0.998207054				
GLTP	ENSG00000139433.9		0.612782552	13	6	0.215461047			
	Brain_Anterior_cingulate_cortex_BA24	0.992765796	Brain_Caudate_basal_ganglia						
	9.506515216	0.003279573	0.326689368	-0.754468529	1.238688047				
	-0.286638023	0.548078009	6	0	0.998207054				
SDR42E1	ENSG00000184860.9		0.612795279	1	1	0.612795279			
	Brain_Nucleus_accumbens_basal_ganglia	0.612795279							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.506087424				
	-0.506087424	-0.506087424	NA	1	0	0.998207054			
HSD17B7	ENSG00000132196.13		0.612858999	9	8	0.078695869			
	Brain_Hypothalamus	0.784845369	Brain_Cortex	4.308029784					
	0.076887919	0.18633189	-1.758303579	0.665549633	0.14175397				
	0.769593159	8	0	0.998207054					
RRH	ENSG00000180245.4		0.612860003	4	4	0.108605287			
	Brain_Hypothalamus	0.292782935	Brain_Frontal_Cortex_BA9	3.275326859					
	0.149039398	0.149039398	-1.604493632	-1.052036215	-1.245357402				
	0.248371736	4	0	0.998207054					
PDE8A	ENSG00000073417.14		0.612910536	2	2	0.323660907	Brain_Amygdala		
	0.885880425	Brain_Spinal_cord_cervical_c-1	1.074130451	0.925869549					
	0.925869549	-0.986962735	0.14351885	-0.421721943	0.799371195	2			
	0	0.998207054							
MAPK10	ENSG00000109339.19		0.612912364	5	5	0.387165701			
	Brain_Hypothalamus	0.912955667	Brain_Putamen_basal_ganglia	3.634561732					
	0.130380691	0.130380691	-0.864768795	0.843660784	0.082319311				
	0.610541007	5	0	0.998207054					
HGS	ENSG00000185359.12		0.612950615	1	1	0.612950615	Brain_Amygdala		
	0.612950615	Brain_Amygdala	1	1	1	0.505866153	0.505866153		
	0.505866153	NA	1	0	0.998207054				
NCAPD3	ENSG00000151503.12		0.613054519	1	1	0.613054519			
	Brain_Hippocampus	0.613054519	Brain_Hippocampus	1	1	1			
	-0.505718159	-0.505718159	-0.505718159	NA	1	0	0.998207054		

MEOX2-AS1 ENSG00000229108.1 0.61317305 1 1 0.61317305
Brain_Nucleus_accumbens_basal_ganglia 0.61317305
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.505549344
-0.505549344 -0.505549344 NA 1 0 0.998207054
NUDT9 ENSG00000170502.12 0.613247269 3 3 0.432130941
Brain_Substantia_nigra 0.82530254 Brain_Caudate_basal_ganglia 1.864624875
0.463304091 0.463304091 -0.428856152 0.785550386 0.045321355
0.649448512 3 0 0.998207054
KIAA1456 ENSG00000250305.8 0.613427571 3 3 0.210272825
Brain_Nucleus_accumbens_basal_ganglia 0.836933155 Brain_Cerebellum
2.036418996 0.30925475 0.30925475 -0.205817904 1.252815595
0.564319507 0.732735901 3 0 0.998207054
ATG4C ENSG00000125703.14 0.613481098 3 3 0.341995032 Brain_Cerebellum
0.760422793 Brain_Cortex 2.669230138 0.095013626 0.095013626
-0.95023072 -0.304925633 -0.731930486 0.369828173 3 0
0.998207054
ZNF317 ENSG00000130803.14 0.613494912 9 8 0.116854847
Brain_Putamen_basal_ganglia 0.969248809 Brain_Cerebellar_Hemisphere 4.70663075
0.147996793 0.217241554 -1.568112642 -0.038550448 -0.768805934
0.529567823 8 0 0.998207054
DDX43 ENSG00000080007.7 0.613627806 7 7 0.069014464 Brain_Amygdala
0.883577562 Brain_Spinal_cord_cervical_c-1 4.10395941 0.176130234
0.176130234 -1.818325064 0.364433825 -0.452731257 0.775856473
7 0 0.998207054
SPTBN5 ENSG00000137877.9 0.613644618 13 5 0.101063408
Brain_Cerebellum 0.987670453 Brain_Amygdala 8.432155362 0.00320254
0.38050625 -0.324200593 1.639719953 0.266949383 0.498290012 5
0 0.998207054
SMIM1 ENSG00000235169.7 0.613763675 2 2 0.338398895
Brain_Cerebellar_Hemisphere 0.799459447 Brain_Spinal_cord_cervical_c-1
1.009936257 0.990063743 0.990063743 -0.957333613 0.254046742
-0.351643436 0.856575264 2 0 0.998207054
SH3TC1 ENSG00000125089.16 0.613821748 2 2 0.414116147
Brain_Nucleus_accumbens_basal_ganglia 0.803215423 Brain_Cerebellum
1.336095252 0.663904748 0.663904748 -0.249187921 0.816671562
0.283741821 0.753676468 2 0 0.998207054
CDH23 ENSG00000107736.19 0.613870331 5 5 0.118138388
Brain_Caudate_basal_ganglia 0.877381116 Brain_Cerebellum 3.080206523
0.15381358 0.15381358 -0.154289956 1.562635355 0.809447032
0.656863694 5 0 0.998207054
RP11-390P24.1 ENSG00000273576.1 0.613957161 1 1 0.613957161
Brain_Putamen_basal_ganglia 0.613957161 Brain_Putamen_basal_ganglia 1 1
1 0.504432961 0.504432961 0.504432961 NA 1 0
0.998207054
SERF2 ENSG00000140264.19 0.614000251 1 1 0.614000251
Brain_Spinal_cord_cervical_c-1 0.614000251 Brain_Spinal_cord_cervical_c-1
1 1 1 0.504371629 0.504371629 0.504371629 NA 1 0
0.998207054
KLF13 ENSG00000169926.10 0.614155736 2 2 0.336205786 Brain_Cerebellum
0.343973509 Brain_Cerebellar_Hemisphere 1.868660483 0.131339517
0.131339517 0.946343312 0.961689127 0.95401622 0.01085113 2 0
0.998207054
RP3-522D1.1 ENSG00000224167.1 0.614166868 1 1 0.614166868
Brain_Spinal_cord_cervical_c-1 0.614166868 Brain_Spinal_cord_cervical_c-1
1 1 1 0.504134495 0.504134495 0.504134495 NA 1 0
0.998207054
CERS1 ENSG00000223802.7 0.614241493 12 2 0.207987405 Brain_Cortex
0.527976339 Brain_Hypothalamus 10.63658846 0.000750625
0.657995816 -1.259118856 -0.631098168 -0.877217768 0.194119081
2 0 0.998207054
KIAA1147 ENSG00000257093.6 0.614472829 2 2 0.517545681
Brain_Caudate_basal_ganglia 0.602226986 Brain_Anterior_cingulate_cortex_BA24

	1.29483177	0.70516823	0.70516823	-0.521200672	0.647133291	0.062966309
	0.826136868	2	0	0.998207054		
AC115522.3	ENSG00000268601.1	0.614503026	6	4	0.197051406	
	Brain_Frontal_Cortex_BA9	0.995550059			Brain_Cerebellum3.453477277	
	0.034257666	0.416084334		-1.289997845	0.005577203	-0.66033154
	0.600304632	4	0	0.998207054		
BCL2L10	ENSG00000137875.4	0.614635417	2	2	0.345482585	
	Brain_Cerebellum0.474587705				Brain_Cerebellar_Hemisphere1.491180207	
	0.508819793	0.508819793		0.715034534	0.943387792	0.829211163
	0.161470137	2	0	0.998207054		
MAPK9	ENSG00000050748.17	0.614687492	7	7	0.159756193	Brain_Cortex
	0.944224384	Brain_Nucleus_accumbens_basal_ganglia			3.264604382	
	0.114795961	0.114795961		-1.405892015	1.052882436	-0.185347127
	0.907313209	7	0	0.998207054		
PPFIA3	ENSG00000177380.13	0.614691465	2	2	0.370768533	
	Brain_Caudate_basal_ganglia0.66550725				Brain_Spinal_cord_cervical_c-1	
	1.019499022	0.980500978		0.980500978	0.432322206	0.895034712
	0.663678459	0.327187151	2	0	0.998207054	
NAIF1	ENSG00000171169.8	0.61473001	1	1	0.61473001	Brain_Cortex 0.61473001
	Brain_Cortex	1	1	1	0.503333226	0.503333226
	NA	1	0	0.998207054		
TRIB1	ENSG00000173334.3	0.614798912	1	1	0.614798912	
	Brain_Spinal_cord_cervical_c-1	0.614798912			Brain_Spinal_cord_cervical_c-1	
	1	1	1	-0.50323521	-0.50323521	-0.50323521 NA 1 0
	0.998207054					
LIME1	ENSG00000203896.9	0.614920841	2	2	0.328056867	Brain_Cortex
	0.866515455	Brain_Caudate_basal_ganglia1.042767051			0.957232949	
	0.957232949	-0.978035296		-0.168086213	-0.573060755	0.572720489
	2	0	0.998207054			
FAM153B	ENSG00000182230.11	0.615336898	3	3	0.283980741	
	Brain_Spinal_cord_cervical_c-1	0.778956057			Brain_Cerebellum1.5404458	
	0.472148908	0.472148908		-1.07141974	0.687647036	-0.221484145
	0.881026145	3	0	0.998207054		
LINC01515	ENSG00000228065.10	0.615425023	6	4	0.188375161	
	Brain_Spinal_cord_cervical_c-1	0.992012776			Brain_Hypothalamus	
	4.662686087	0.105406568		0.282408703	-0.320741966	1.315401025
	0.42453914	0.617470319	4	0	0.998207054	
C4A	ENSG00000244731.7	0.615497333	12	4	0.078682748	
	Brain_Frontal_Cortex_BA9	0.560691809			Brain_Amygdala	9.199976336
	0.048964298	0.369245088		-1.758380742	-0.581814243	-1.221217416
	0.404290536	4	0	0.998207054		
LINC02170	ENSG00000260896.5	0.615691387	2	2	0.338608411	
	Brain_Cortex	0.410571884			Brain_Nucleus_accumbens_basal_ganglia	
	1.681738064	0.318261936		0.318261936	-0.956918464	-0.822887654
	-0.889903059	0.094774094	2	0	0.998207054	
MMADHC	ENSG00000168288.12	0.615706489	1	1	0.615706489	
	Brain_Hippocampus	0.615706489			Brain_Hippocampus	1 1 1
	-0.501944603	-0.501944603		-0.501944603	NA 1 0	0.998207054
DNAJC2	ENSG00000105821.14	0.615716118	1	1	0.615716118	
	Brain_Cerebellar_Hemisphere	0.615716118			Brain_Cerebellar_Hemisphere	1 1
	1	-0.501930915		-0.501930915	-0.501930915	NA 1 0
	0.998207054					
RP11-265E18.1	ENSG00000272905.1	0.615757149	7	5	0.079132893	
	Brain_Hypothalamus	0.601035569			Brain_Cerebellar_Hemisphere	5.106131738
	0.080755795	0.242647744		-1.755739533	-0.522911891	-0.949162483
	0.384079781	5	0	0.998207054		
KCNT1	ENSG00000107147.12	0.615760931	11	8	0.115868542	
	Brain_Nucleus_accumbens_basal_ganglia	0.935005908			Brain_Putamen_basal_ganglia	
	5.226643059	0.00860419	0.288373361		-1.572353714	0.104886106
	-0.766883797	0.563585057	8	0	0.998207054	
FAM86C1	ENSG00000158483.15	0.6158742	5	4	0.31586006	
	Brain_Caudate_basal_ganglia	0.765988317			Brain_Cerebellum	3.068089067

	0.029068828	0.107124715	-1.00300166	0.743229687	-0.315025803			
	0.64620834	4	0	0.998207054				
KRTAP5-8	ENSG00000241233.3	0.615904706	3	2	0.328315335			
	Brain_Nucleus_accumbens_basal_ganglia	0.467843923			Brain_Caudate_basal_ganglia			
	2.764911335	0.035989746	0.199098919	0.725991596	0.977512819			
	0.866732235	0.128409249	2	0	0.998207054			
ANKH	ENSG00000154122.12	0.615954376	4	4	0.209127291			
	Brain_Hypothalamus	0.878601566			Brain_Cerebellum	1.572087533		
	0.571355611	0.571355611	-1.255968775	0.444470496	-0.335094578			
	0.777559678	4	0	0.998207054				
LINC01006	ENSG00000182648.11	0.615960579	11	4	0.199860104			
	Brain_Hypothalamus	0.918706592			Brain_Nucleus_accumbens_basal_ganglia			
	8.852130695	0.008641181	0.296070604	-1.281950236	-0.102063098			
	-0.518753955	0.366000697	4	0	0.998207054			
LINC00240	ENSG00000224843.6	0.616037041	5	5	0.105115166			
	Brain_Cerebellar_Hemisphere	0.583981576			Brain_Cerebellum	3.370077748		
	0.135922565	0.135922565	-1.62054542	-0.547578179	-1.022393388			
	0.472327758	5	0	0.998207054				
IFNGR2	ENSG00000159128.14	0.61605466	3	3	0.526498496			
	Brain_Nucleus_accumbens_basal_ganglia	0.824326475			Brain_Cerebellum			
	1.886273538	0.119370618	0.119370618	-0.221983824	0.633360128			
	0.25385273	0.435732486	3	0	0.998207054			
SLC12A5	ENSG00000124140.13	0.616092628	5	5	0.387052735			
	Brain_Hippocampus	0.957783653			Brain_Cortex	2.686872311		
	0.231398327	0.231398327	-0.841125973	0.864974591	-0.029164065			
	0.756313825	5	0	0.998207054				
LINC01125	ENSG00000228486.10	0.616201657	4	4	0.149100145			
	Brain_Anterior_cingulate_cortex_BA24	0.950813283						
	Brain_Nucleus_accumbens_basal_ganglia	1.88316539	0.457844883	0.457844883				
	-0.939520927	1.442717224	0.217258327	0.978372982	4	0		
	0.998207054							
B2M	ENSG00000166710.17	0.616269898	2	2	0.32522499			
	Brain_Spinal_cord_cervical_c-1	0.964521027			Brain_Cerebellar_Hemisphere			
	1.026963119	0.973036881	0.973036881	0.044480962	0.983777366			
	0.514129164	0.664182857	2	0	0.998207054			
GALE	ENSG00000117308.14	0.616317452	1	1	0.616317452			
	Brain_Hippocampus	0.616317452			Brain_Hippocampus	1	1	1
	0.501076263	0.501076263	0.501076263	NA	1	0	0.998207054	
MCTP2	ENSG00000140563.14	0.616381604	1	1	0.616381604			
	Brain_Hippocampus	0.616381604			Brain_Hippocampus	1	1	1
	-0.500985107	-0.500985107	-0.500985107	NA	1	0	0.998207054	
C14orf132	ENSG00000227051.6	0.616469199	4	4	0.177892405			
	Brain_Cerebellum	0.93730316	Brain_Putamen_basal_ganglia	1.855655528				
	0.146893393	0.146893393	-1.347272751	-0.078659877	-0.86165009			
	0.545681542	4	0	0.998207054				
CACHD1	ENSG00000158966.13	0.616644901	1	1	0.616644901			
	Brain_Caudate_basal_ganglia	0.616644901			Brain_Caudate_basal_ganglia	1	1	1
	1	-0.500611027	-0.500611027	-0.500611027	NA	1	0	
	0.998207054							
VPREB3	ENSG00000128218.7	0.616727625	12	8	0.033506649			
	Brain_Frontal_Cortex_BA9	0.99110664	Brain_Putamen_basal_ganglia	6.534240721				
	0.012835257	0.266538668	-0.035763652	2.125959292	0.757141232			
	0.739702643	8	0	0.998207054				
THUMPD1	ENSG00000066654.13	0.616814534	4	4	0.451033521			
	Brain_Cerebellar_Hemisphere	0.661414909			Brain_Frontal_Cortex_BA9			
	3.075017553	0.114260928	0.114260928	-0.437960511	0.753693109			
	0.365012838	0.54230842	4	0	0.998207054			
DAGLB	ENSG00000164535.14	0.616838749	4	3	0.43251176	Brain_Cerebellum		
	0.890338356	Brain_Hippocampus	3.331087266	0.033151363				
	0.209509745	-0.2511401	0.784900754	0.235184973	0.427909251		3	
	0	0.998207054						
LRRC74B	ENSG00000187905.10	0.616868274	9	1	0.311633907			

	Brain_Cerebellum	0.841639261		Brain_Hippocampus	8.449636261				
	0.001808135	8.449636261		-1.011799546	-0.199797111				-0.491173958
	0.264243673	1	0	0.998207054					
B3GAT3	ENSG00000149541.9	0.617010828		8	4	0.355281733			
	Brain_Substantia_nigra	0.869699767		Brain_Spinal_cord_cervical_c-1					
	5.570907765	0.016522642		0.379737248		-0.92439301			0.561329324
	-0.123683497	0.569203372		4	0	0.998207054			
FIZ1	ENSG00000179943.7	0.617081918		1	1	0.617081918			
	Brain_Frontal_Cortex_BA9	0.617081918		Brain_Frontal_Cortex_BA9	1	1			
	1	-0.499990285		-0.499990285		-0.499990285		NA	1 0
	0.998207054								
RNF40	ENSG00000103549.21	0.617295799		7	2	0.372379012			
	Brain_Cerebellar_Hemisphere	0.854005443		Brain_Cerebellum	6.264627742				
	0.00074908	0.438924314		-0.196940942	0.892025972				0.358971504
	0.381736213	2	0	0.998207054					
D2HGDH	ENSG00000180902.17	0.617415137		13	6	0.110213294			
	Brain_Hypothalamus	0.594113814		Brain_Amygdala	8.503044022				2.67E-18
	0.522309717	0.532884097		1.597235177	1.255234768				0.420940578
	6	0		0.998207054					
ROGDI	ENSG00000067836.12	0.617647594		9	8	0.176775267			
	Brain_Substantia_nigra	0.905292863		Brain_Amygdala	3.325724172				
	0.089774234	0.120470541		-1.35075082	-0.118977901				-0.908929016
	0.489057503	8	0	0.998207054					
COPRS	ENSG00000172301.10	0.617669503		1	1	0.617669503			Brain_Cortex
	0.617669503	Brain_Cortex		1	1	1			-0.49915598
	-0.49915598	NA		1	0	0.998207054			-0.49915598
HIF1AN	ENSG00000166135.13	0.617711851		4	4	0.110538641			
	Brain_Putamen_basal_ganglia	0.931132321		Brain_Cerebellar_Hemisphere					
	2.288692485	0.298102343		0.298102343		-1.595776772			0.117838513
	-0.442765171	0.780260571		4	0	0.998207054			
C16orf96	ENSG00000205832.7	0.617728939		1	1	0.617728939			
	Brain_Frontal_Cortex_BA9	0.617728939		Brain_Frontal_Cortex_BA9	1	1			
	1	-0.499071607		-0.499071607		-0.499071607		NA	1 0
	0.998207054								
ANKRD45	ENSG00000183831.6	0.617906916		3	2	0.728607352			
	Brain_Nucleus_accumbens_basal_ganglia	0.934756976		Brain_Cortex					
	2.727876433	0.043438634		0.228684932		-0.335446476			0.346978659
	-0.023443053	0.344942805		2	0	0.998207054			
RP11-166O4.6	ENSG00000273448.1	0.617947047		9	3	0.3864032			
	Brain_Nucleus_accumbens_basal_ganglia	0.949334599		Brain_Cerebellum					
	7.339310373	0.013674143		0.336290284		0.063542398			0.866158587
	0.534444661	0.314366136		3	0	0.998207054			
RP11-143E21.6	ENSG00000259862.1	0.618111782		1	1	0.618111782			
	Brain_Spinal_cord_cervical_c-1	0.618111782		Brain_Spinal_cord_cervical_c-1					
	1	1		1	0.498528223				0.498528223
	0.998207054			0.498528223		0.498528223		NA	1 0
PACS1	ENSG00000175115.11	0.618139696		5	3	0.094821887			Brain_Cortex
	0.383499585	Brain_Nucleus_accumbens_basal_ganglia		4.226273583					
	0.050475032	0.229795469		-1.670492882		-0.871466324			-1.172921254
	0.310779481	3	0	0.998207054					
TMEM241	ENSG00000134490.13	0.618198303		7	6	0.074427602			
	Brain_Cerebellum	0.966530669		Brain_Cerebellar_Hemisphere	2.340149165				
	0.054854263	0.595456677		-1.783975771		-0.041959895			-0.593892747
	0.608722576	6	0	0.998207054					
SPOCK3	ENSG00000196104.10	0.618201357		1	1	0.618201357			
	Brain_Amygdala	0.618201357		Brain_Amygdala	1	1			-0.498401106
	-0.498401106	-0.498401106		NA	1	0			0.998207054
PARG	ENSG00000227345.8	0.618242114		3	3	0.304861842			
	Brain_Spinal_cord_cervical_c-1	0.640155999		Brain_Cerebellar_Hemisphere					
	1.369311225	0.691822666		0.691822666		-1.0260631			0.467480698
	-0.370491004	0.763295802		3	0	0.998207054			
RMI1	ENSG00000178966.16	0.618328453		5	3	0.350812784			

	Brain_Hypothalamus	0.994212476			Brain_Cerebellum	3.430209779		
	0.024600441	0.545635488			-0.308351835	0.933013915		0.196348593
	0.533240295	3	0		0.998207054			
FAM92A	ENSG00000188343.12	0.618375501			2	2	0.443765756	
	Brain_Frontal_Cortex_BA9	0.488723448			Brain_Hippocampus			1.109439749
	0.890560251	0.890560251			-0.76584967	-0.692340618		-0.729095144
	0.051978749	2	0		0.998207054			
LRRC53	ENSG00000162621.6	0.618392407			3	3	0.348277713	
	Brain_Cerebellar_Hemisphere	0.966072671			Brain_Cerebellum			1.863006771
	0.393144941	-0.393144941			-0.937935199	0.27690704		-0.206164578
	0.64447561	3	0		0.998207054			
TMEM37	ENSG00000171227.6	0.618415914			3	3	0.22475581	
	Brain_Putamen_basal_ganglia	0.581316238			Brain_Hippocampus			1.393688993
	0.605677475	0.605677475			0.551463125	1.213978825		0.782569196
	0.373929004	3	0		0.998207054			
CALD1	ENSG00000122786.19	0.61842754	1	1	0.61842754	Brain_Putamen_basal_ganglia		
	0.61842754	Brain_Putamen_basal_ganglia	1	1	1	0.498080165		
	0.498080165	0.498080165	NA	1	0	0.998207054		
FAM96A	ENSG00000166797.10	0.618500813			2	2	0.386636649	
	Brain_Amygdala	0.640437953			Brain_Cortex			1.008430434
	0.991569566	0.467086555			0.865732908	0.666409732		0.281885539
	2	0			0.998207054			
MRO	ENSG00000134042.12	0.618504388			4	4	0.446049678	Brain_Cerebellum
	0.986149292	Brain_Nucleus_accumbens_basal_ganglia			2.678782415			
	0.168966237	0.168966237			-0.618616507	0.762017302		0.054557624
	0.564226531	4	0		0.998207054			
DNAJB13	ENSG00000187726.8	0.618510853			4	4	0.301839279	
	Brain_Cerebellum	0.871214743			Brain_Cerebellar_Hemisphere			2.525090055
	0.313193861	0.313193861			-0.557284251	1.032497157		0.178285124
	0.691806791	4	0		0.998207054			
LINC00609	ENSG00000257585.1	0.618544667			2	2	0.342937121	
	Brain_Hippocampus	0.992116887			Brain_Spinal_cord_cervical_c-1			
	1.242932122	0.757067878			0.757067878	-0.948377871		0.009880178
	-0.469248847	0.677590765			2	0		0.998207054
LINC01094	ENSG00000251442.5	0.618556479			1	1	0.618556479	
	Brain_Substantia_nigra	0.618556479			Brain_Substantia_nigra			1
	1	0.497897231			0.497897231	NA		1
	0.998207054				0			
PSAP	ENSG00000197746.13	0.618570894			2	2	0.337891873	Brain_Amygdala
	0.754796578	Brain_Putamen_basal_ganglia			1.112722575	0.887277425		
	0.887277425	0.312321005			0.958338942	0.635329974		0.456803664
	2	0			0.998207054			
HCST	ENSG00000126264.9	0.618610356			1	1	0.618610356	Brain_Amygdala
	0.618610356	Brain_Amygdala	1	1	1	-0.497820797		-0.497820797
	-0.497820797	NA	1	0		0.998207054		
NBN	ENSG00000104320.13	0.618612384			4	4	0.623540777	Brain_Amygdala
	0.743527561	Brain_Spinal_cord_cervical_c-1			2.679130528	0.110932614		
	0.110932614	-0.490838359			0.372127816	-0.027864855		0.44541885
	0				0.998207054			4
XPO7	ENSG00000130227.16	0.618681613			2	2	0.328353115	Brain_Amygdala
	0.956078858	Brain_Nucleus_accumbens_basal_ganglia			1.015603168			
	0.984396832	0.984396832			0.055074818	0.97743647		0.516255644
	0.652208179	2	0		0.998207054			
NCR3LG1	ENSG00000188211.8	0.61877346	1	1	0.61877346	Brain_Cerebellum		
	0.61877346	Brain_Cerebellum	1	1	1	-0.497589424		-0.497589424
	-0.497589424	NA	1	0		0.998207054		
RCL1	ENSG00000120158.11	0.618793374			5	5	0.117501752	
	Brain_Spinal_cord_cervical_c-1	0.919458919			Brain_Cerebellum			3.086047096
	0.170437804	0.170437804			-0.101115317	1.565346216		0.698286895
	0.603699558	5	0		0.998207054			
RPUSD1	ENSG00000007376.7	0.618852506			3	3	0.262951796	
	Brain_Cortex	0.976517618			Brain_Cerebellum			1.425822983
								0.575981201

	0.575981201	-0.521284223	1.119441591	0.209197473	0.83500371	3
	0	0.998207054				
EHF	ENSG00000135373.12	0.618948361	2	2	0.341231811	
	Brain_Spinal_cord_cervical_c-1	0.72629409	Brain_Substantia_nigra			
	1.126348828	0.873651172	0.873651172	-0.951734178	-0.35005944	
	-0.650896809	0.425448287	2	0	0.998207054	
RP1-122P22.2	ENSG00000233895.1	0.61897871	1	1	0.61897871	
	Brain_Hippocampus	0.61897871	Brain_Hippocampus	1	1	1
	0.4972983	0.4972983	NA	1	0	0.4972983
	0.4972983	0.4972983	0	0.998207054		
CTC-429P9.2	ENSG00000268087.1	0.61914543	3	3	0.191802901	
	Brain_Cortex	0.763304079	Brain_Hippocampus	1.767665425		
	0.233888131	0.233888131	0.301144802	1.305264196	0.883207505	
	0.520831434	3	0	0.998207054		
LINC01750	ENSG00000231437.3	0.619231263	11	2	0.240509991	
	Brain_Nucleus_accumbens_basal_ganglia	0.947127091	Brain_Cerebellum			
	9.684614542	0.003696186	0.484561288	-1.173713027	-0.066314937	
	-0.854658538	0.399133866	2	0	0.998207054	
CHST8	ENSG00000124302.12	0.619276495	3	3	0.286139119	
	Brain_Putamen_basal_ganglia	0.928757604	Brain_Caudate_basal_ganglia			
	1.415317527	0.578476251	0.578476251	-1.066629621	0.273234037	
	-0.234662502	0.726343556	3	0	0.998207054	
RP11-117D22.2	ENSG00000230138.1	0.61932663	1	1	0.61932663	
	Brain_Spinal_cord_cervical_c-1	0.61932663	Brain_Spinal_cord_cervical_c-1	1		
	1	1	0.496804913	0.496804913	0.496804913	NA
	0.998207054				1	0
FTO	ENSG00000140718.20	0.619431955	9	9	0.108294765	Brain_Cortex
	0.954999941	Brain_Cerebellum	3.20323385	0.256111185	0.256111185	
	-0.420227072	1.60590509	0.670752301	0.71217798	9	0
					0.998207054	
TAS2R10	ENSG00000121318.2	0.619432203	1	1	0.619432203	
	Brain_Cerebellum	0.619432203	Brain_Cerebellum	1	1	1
	-0.496655224	-0.496655224	NA	1	0	0.998207054
LINC01139	ENSG00000215808.2	0.619448884	3	3	0.347837056	
	Brain_Nucleus_accumbens_basal_ganglia	0.656711467	Brain_Hypothalamus			
	1.054483426	0.972271074	0.972271074	0.444458029	0.938792957	
	0.730768175	0.2562971	3	0	0.998207054	
CRYGB	ENSG00000182187.3	0.619517063	2	2	0.336260023	
	Brain_Spinal_cord_cervical_c-1	0.689898364	Brain_Substantia_nigra			
	1.231156992	0.768843008	0.768843008	-0.961581191	-0.398992997	
	-0.680287094	0.397809927	2	0	0.998207054	
ZYG11B	ENSG00000162378.12	0.619542437	7	4	0.111569735	
	Brain_Cortex	0.762702012	Brain_Amygdala	5.120315339	0.003142687	
	0.199192993	-1.591177056	0.301934478	-1.012495638	0.645163473	
	4	0	0.998207054			
RNF167	ENSG00000108523.15	0.619609928	1	1	0.619609928	
	Brain_Nucleus_accumbens_basal_ganglia	0.619609928				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.496403256	
	-0.496403256	-0.496403256	NA	1	0	0.998207054
IRS2	ENSG00000185950.8	0.619784674	1	1	0.619784674	
	Brain_Caudate_basal_ganglia	0.619784674	Brain_Caudate_basal_ganglia	1	1	
	1	0.496155544	0.496155544	0.496155544	NA	1
	0.998207054				0	
PDZK1	ENSG00000174827.13	0.619818366	1	1	0.619818366	Brain_Cerebellum
	0.619818366	Brain_Cerebellum	1	1	1	0.496107787
	0.496107787	NA	1	0	0.998207054	0.496107787
KRT18	ENSG00000111057.10	0.61983058	2	2	0.38046675	Brain_Cerebellum
	0.692241309	Brain_Putamen_basal_ganglia	1.041880736	0.958119264		
	0.958119264	-0.395815272	0.877036616	0.240610672	0.900042202	
	2	0	0.998207054			
LACC1	ENSG00000179630.10	0.620088317	13	4	0.303958435	
	Brain_Spinal_cord_cervical_c-1	0.974469312	Brain_Frontal_Cortex_BA9			
	9.787092209	0.010103442	0.33009172	-0.60871364	1.027981702	
	0.017672575	0.475933664	4	0	0.998207054	

AC009495.3	ENSG00000232411.1	0.620218529	2	2	0.350157475		
	Brain_Cerebellar_Hemisphere	0.948491922				Brain_Cerebellum	1.23000853 0.76999147
	0.76999147 -0.934283884	0.064600707				-0.434841589	0.706318068 2
	0	0.998207054					
DIEXF	ENSG00000117597.17	0.620375852	6	3	0.377159119		
	Brain_Putamen_basal_ganglia	0.890384716				Brain_Hypothalamus	4.001156812
	0.003249917 0.892323503	-0.883142805				0.869795621	0.17029724
	0.606777352	3 0				0.998207054	
CAMK2N1	ENSG00000162545.5	0.620427112	4	4	0.421934472		
	Brain_Substantia_nigra	0.970833987				Brain_Cerebellum	1.824181293
	0.186140603 -0.186140603	-0.803069661				0.600865158	-0.032906845
	0.581504956	4 0				0.998207054	
MESP2	ENSG00000188095.4	0.620453883	1	1	0.620453883		
	Brain_Nucleus_accumbens_basal_ganglia	0.620453883					
	Brain_Nucleus_accumbens_basal_ganglia	1 1				-0.495207179	
	-0.495207179 -0.495207179	NA 1				0.998207054	
TENM3	ENSG00000218336.8	0.620593157	3	3	0.231215892		
	Brain_Hypothalamus	0.803419696				Brain_Nucleus_accumbens_basal_ganglia	
	1.255102237 0.756251597	0.756251597				-0.248923838	1.197232638
	0.489720177	0.723580692	3 0			0.998207054	
HDAC11	ENSG00000163517.14	0.620762902	3	3	0.256100411		
	Brain_Cerebellum	0.490909106				Brain_Cortex	1.717291975 0.298756628
	0.298756628 -1.13565636	-0.688863603				-0.958623051	0.237391122
	3 0	0.998207054					
WDR48	ENSG00000114742.13	0.620780933	2	2	0.454809969	Brain_Cerebellum	
	0.96448009 Brain_Hippocampus	1.607971958				0.392028042	0.392028042
	-0.747420178 0.04453232	-0.351443929				0.559994982	2 0
	0.998207054						
RP11-360F5.3	ENSG00000249685.1	0.620781756	10	3	0.289556884		
	Brain_Nucleus_accumbens_basal_ganglia	0.823407126					
	Brain_Spinal_cord_cervical_c-1	8.808041692				8.15E-07	0.302291527
	-1.059094194 0.223164955	-0.56584368				0.344702052	3 0
	0.998207054						
ADAM17	ENSG00000151694.12	0.62080202	6	3	0.190975888	Brain_Cortex	
	0.553358688 Brain_Frontal_Cortex_BA9	5.045121963				0.018807818	
	0.270585045 -1.307697629	-0.59273474				-0.995199119	0.30771241 3
	0	0.998207054					
SLITRK1	ENSG00000178235.7	0.620848281	1	1	0.620848281		
	Brain_Cerebellum	0.620848281				Brain_Cerebellum	1 1 1 -0.494648471
	-0.494648471 -0.494648471	NA 1				0.998207054	
GYPB	ENSG00000250361.7	0.620914903	1	1	0.620914903		
	Brain_Anterior_cingulate_cortex_BA24	0.620914903					
	Brain_Anterior_cingulate_cortex_BA24	1 1				-0.494554108	
	-0.494554108 -0.494554108	NA 1				0.998207054	
TRIM16L	ENSG00000108448.20	0.620941413	8	5	0.18752488		
	Brain_Frontal_Cortex_BA9	0.994858614				Brain_Cerebellum	4.533763195
	5.65E-16 0.221692246	-0.737936556				1.317936576	0.005843932
	0.697674327	5 0				0.998207054	
CPNE7	ENSG00000178773.14	0.621219388	2	2	0.356802389		
	Brain_Anterior_cingulate_cortex_BA24	0.977674863				Brain_Cortex	
	1.301725499 0.698274501	0.698274501				-0.027984062	0.921475189
	0.446745564 0.671369075	2 0				0.998207054	
HABP4	ENSG00000130956.13	0.621380917	2	2	0.466721754		
	Brain_Frontal_Cortex_BA9	0.520153586				Brain_Substantia_nigra	
	1.008794469 0.991205531	0.991205531				-0.643108675	0.727823309
	0.042357317 0.969395303	2 0				0.998207054	
C4orf32	ENSG00000174749.5	0.621449598	7	6	0.381383955		
	Brain_Caudate_basal_ganglia	0.921651534				Brain_Cortex	3.735562792
	0.031660204 0.200929266	-0.875349157				0.227664164	-0.361116751
	0.485474124	6 0				0.998207054	
SVBP	ENSG00000177868.11	0.621547445	13	1	0.479615939		
	Brain_Caudate_basal_ganglia	0.911017376				Brain_Spinal_cord_cervical_c-1	

	12.11455493	0.000338133	12.11455493	0.111755369	0.706920412
	0.475812868	0.186994488	1 0	0.998207054	
EEF1D	ENSG00000104529.17	0.621547796	1 1	0.621547796	
	Brain_Substantia_nigra	0.621547796	Brain_Substantia_nigra	1 1	
	1 -0.493657908	-0.493657908	-0.493657908 NA 1 0		
	0.998207054				
ZNF845	ENSG00000213799.11	0.621555673	1 1	0.621555673	
	Brain_Amygdala	0.621555673	Brain_Amygdala	1 1 1	0.493646758
	0.493646758	0.493646758	NA 1 0	0.998207054	
MRM1	ENSG00000278619.4	0.621669524	6 6	0.06101951	
	Brain_Frontal_Cortex_BA9	0.948261446	Brain_Hypothalamus	2.037467762	
	0.385076888	0.385076888	-0.064890172	1.873354056	0.80746421
	0.675639718	6 0	0.998207054		
PNPO	ENSG00000108439.9	0.62174103	8 6	0.010001104	
	Brain_Substantia_nigra	0.73356804	Brain_Anterior_cingulate_cortex_BA24		
	5.45627228	0.028092399	0.223901211	-2.575791147	-0.340383105
	-1.285139117	0.740138038	6 0	0.998207054	
OBP2A	ENSG00000122136.13	0.621751808	4 4	0.165897236	Brain_Cortex
	0.311372159	Brain_Anterior_cingulate_cortex_BA24	2.525438129		
	0.180840855	0.180840855	1.012347024	1.385507843	1.169590044
	0.15953383	4 0	0.998207054		
LINC01597	ENSG00000205611.4	0.622005254	13 3	0.3626997	
	Brain_Spinal_cord_cervical_c-1	0.984727855	Brain_Amygdala	10.99173934	
	0.000116602	0.562969904	-0.527990563	0.910232894	-0.088598012
	0.346734116	3 0	0.998207054		
KLHL35	ENSG00000149243.15	0.622010165	1 1	0.622010165	
	Brain_Caudate_basal_ganglia	0.622010165	Brain_Caudate_basal_ganglia	1 1	
	1 0.493003428	0.493003428	0.493003428 NA 1 0		
	0.998207054				
PRPH	ENSG00000135406.13	0.62204571	3 2	0.43546029	Brain_Cerebellum
	0.803388214	Brain_Spinal_cord_cervical_c-1	2.016204819	0.029739919	
	0.954055262	-0.779882075	0.667892907	0.045658456	0.744992028
	2 0	0.998207054			
COX7A2	ENSG00000112695.11	0.622062896	1 1	0.622062896	
	Brain_Amygdala	0.622062896	Brain_Amygdala	1 1 1	0.492928801
	0.492928801	0.492928801	NA 1 0	0.998207054	
YWHAB	ENSG00000166913.12	0.622106941	1 1	0.622106941	
	Brain_Cerebellar_Hemisphere	0.622106941	Brain_Cerebellar_Hemisphere	1 1	
	1 -0.49286647	-0.49286647	-0.49286647 NA 1 0		
	0.998207054				
FIBCD1	ENSG00000130720.12	0.622134995	2 2	0.369422459	
	Brain_Nucleus_accumbens_basal_ganglia	0.705569809	Brain_Frontal_Cortex_BA9		
	1.001247764	0.998752236	0.998752236	-0.377812605	0.897555712
	0.259871554	0.901821585	2 0	0.998207054	
RP11-497H16.9	ENSG00000269983.1	0.622150955	4 2	0.689926429	
	Brain_Cerebellum	0.922748752	Brain_Spinal_cord_cervical_c-1	3.815243818	
	0.001646347	0.155917291	-0.39895491	0.096971847	-0.247308023
	0.233747696	2 0	0.998207054		
RP11-963H4.3	ENSG00000263508.5	0.622253379	7 7	0.233729977	
	Brain_Substantia_nigra	0.733803963	Brain_Hippocampus	3.204823167	
	0.268750932	0.268750932	-1.190805429	0.80962866	0.031353217
	0.840751962	7 0	0.998207054		
AP000343.2	ENSG00000236611.1	0.622387819	3 3	0.21726614	
	Brain_Nucleus_accumbens_basal_ganglia	0.684866676	Brain_Cerebellum		
	1.432217105	0.726468101	0.726468101	-1.233830315	-0.40583114
	-0.812450441	0.414196891	3 0	0.998207054	
TRMO	ENSG00000136932.13	0.622442049	13 1	0.090075586	
	Brain_Spinal_cord_cervical_c-1	0.973595859	Brain_Frontal_Cortex_BA9		
	12.37085705	0.00042042	12.37085705	-0.033098726	1.694999129
	0.47970802	0.420381747	1 0	0.998207054	
NECAP2	ENSG00000157191.19	0.622454205	2 2	0.341377475	
	Brain_Anterior_cingulate_cortex_BA24	0.819407016	Brain_Hypothalamus		

	1.435921733	0.564078267	0.564078267	0.228307729	0.95144707			
	0.5898774	0.511336732	2	0	0.998207054			
SCN5A	ENSG00000183873.15	0.622541462	2	2	0.331000157	Brain_Cortex		
	0.969265982	Brain_Cerebellar_Hemisphere	1.015842998	0.984157002				
	0.984157002	-0.972101296	-0.03852891	-0.505315103	0.660135365			
	2	0	0.998207054					
SLC13A5	ENSG00000141485.16	0.622710206	3	3	0.244277987			
	Brain_Cerebellar_Hemisphere	0.549373226	Brain_Hypothalamus	1.636904917				
	0.3632996	0.3632996	0.598699596	1.164360404	0.834560335			
	0.294298294	3	0	0.998207054				
BRD4	ENSG00000141867.17	0.62286434	1	1	0.62286434			
	Brain_Spinal_cord_cervical_c-1	0.62286434	Brain_Spinal_cord_cervical_c-1	1				
	1	1	0.491794903	0.491794903	0.491794903	NA	1	0
	0.998207054							
UBE2G2	ENSG00000184787.18	0.622885287	10	6	0.137298479			
	Brain_Spinal_cord_cervical_c-1	0.810735732	Brain_Amygdala	5.375737408				
	0.040779973	0.185489002	-0.638704523	1.485926818	0.20711804			
	0.680116511	6	0	0.998207054				
C3orf52	ENSG00000114529.12	0.623093416	2	2	0.331139845			
	Brain_Cerebellum	0.962175825	Brain_Cerebellar_Hemisphere	1.090831969				
	0.909168031	0.909168031	-0.971820522	-0.047423343	-0.509621932			
	0.653647514	2	0	0.998207054				
BEND5	ENSG00000162373.12	0.623140167	1	1	0.623140167	Brain_Cerebellum		
	0.623140167	Brain_Cerebellum	1	1	-0.491404804	-0.491404804		
	-0.491404804	NA	1	0	0.998207054			
AMACR	ENSG00000242110.7	0.623195548	13	2	0.285112289			
	Brain_Anterior_cingulate_cortex_BA24	0.942789387	Brain_Cerebellum					
	11.55957447	0.000331126	0.773431342	0.071764422	1.068905422			
	0.620293939	0.336272423	2	0	0.998207054			
PPT2	ENSG00000221988.12	0.623284887	1	1	0.623284887			
	Brain_Caudate_basal_ganglia	0.623284887	Brain_Caudate_basal_ganglia	1	1			
	1	-0.491200159	-0.491200159	-0.491200159	NA	1	0	
	0.998207054							
CTSW	ENSG00000172543.7	0.623310062	5	5	0.285612704			
	Brain_Putamen_basal_ganglia	0.64009298	Brain_Nucleus_accumbens_basal_ganglia					
	2.805853708	0.134701187	0.134701187	-0.727099827	1.067795642			
	-0.260589655	0.752896668	5	0	0.998207054			
LINC02072	ENSG00000225860.2	0.623386939	1	1	0.623386939			
	Brain_Amygdala	0.623386939	Brain_Amygdala	1	1	1	0.49105586	
	0.49105586	0.49105586	NA	1	0	0.998207054		
RP11-26J3.1	ENSG00000249328.2	0.623411005	7	7	0.056106186			
	Brain_Amygdala	0.977799402	Brain_Substantia_nigra	2.675302327				
	0.105053746	0.105053746	-1.910209954	0.08774088	-0.726985412			
	0.733009515	7	0	0.998207054				
EPB41	ENSG00000159023.19	0.623435795	2	1	0.610594265			
	Brain_Cerebellar_Hemisphere	0.63699136	Brain_Cerebellum	1.996585214				
	0.003414786	1.996585214	0.471909537	0.509225365	0.490567451			
	0.026386275	1	0	0.998207054				
DNAJB11	ENSG00000090520.11	0.623448571	1	1	0.623448571			
	Brain_Cortex	0.623448571	Brain_Cortex	1	1	1	-0.490968721	
	-0.490968721	-0.490968721	NA	1	0	0.998207054		
C1orf159	ENSG00000131591.17	0.62366399	12	3	0.436943491			
	Brain_Spinal_cord_cervical_c-1	0.996814604	Brain_Cerebellar_Hemisphere					
	9.630161375	0.001790298	0.377565846	-0.738920338	0.77736494			
	0.002956165	0.373784226	3	0	0.998207054			
C9orf3	ENSG00000148120.16	0.623746801	3	3	0.334202992			
	Brain_Cortex	0.929242292	Brain_Cerebellum	1.399506238	0.713456493			
	0.713456493	-0.965682675	0.725522987	-0.109652628	0.845795678			
	3	0	0.998207054					
KREMEN1	ENSG00000183762.12	0.623762448	4	4	0.206088038			
	Brain_Hypothalamus	0.308381538	Brain_Cerebellum	2.284441915				
	0.332993819	0.332993819	-1.264395694	-1.018623933	-1.122630822			

MAVS	ENSG00000088888.17	0.623774951	8	4	0.510221482	Brain_Amygdala
	0.989011993	Brain_Putamen_basal_ganglia	5.521872308		0.017444559	
	0.351514232	-0.658492862	0.482501147		-0.096077852	0.469616179
	4	0	0.998207054			
RP11-170M17.1	ENSG00000228566.1	0.62405172	2	2	0.399859242	
	Brain_Cerebellar_Hemisphere	0.568840192			Brain_Nucleus_accumbens_basal_ganglia	
	1.104999618	0.895000382	0.895000382		-0.569760438	0.841872648
	0.136056105	0.998175327	2	0	0.998207054	
ZDHHC24	ENSG00000174165.7	0.624113878	12	4	0.147735995	
	Brain_Cerebellum	0.532140405			Brain_Hypothalamus	10.13304573
	0.342043314	0.624741996	1.44757483	0.941117487	0.231103223	6.17E-05
	0	0.998207054				4
RP11-294N21.3	ENSG00000274400.1	0.624228236	3	3	0.198012752	
	Brain_Anterior_cingulate_cortex_BA24	0.390600237			Brain_Hypothalamus	
	2.382830413	0.127044993	0.127044993		-1.287233965	-0.858529339
	-1.026545797	0.228884137	3	0	0.998207054	
RAB6B	ENSG00000154917.10	0.624273512	3	3	0.381198175	
	Brain_Hypothalamus	0.798083972			Brain_Cerebellar_Hemisphere	1.464843515
	0.537348596	0.537348596	-0.795074329		0.875690751	0.112148003
	0.844598636	3	0	0.998207054		
AP000265.1	ENSG00000261610.1	0.624275204	2	2	0.372250965	
	Brain_Cerebellar_Hemisphere	0.757373813			Brain_Cerebellum	1.080879385
	0.919120615	0.919120615	-0.892264897		0.308931265	-0.291666816
	0.849373951	2	0	0.998207054		
RABGEF1	ENSG00000154710.16	0.62439954	4	4	0.524875217	
	Brain_Cerebellar_Hemisphere	0.921772488			Brain_Frontal_Cortex_BA9	
	3.174345111	0.117287939	0.117287939		-0.635848431	0.318785253
	-0.129387175	0.423406966	4	0	0.998207054	
HEATR6	ENSG00000068097.14	0.62440242	10	3	0.366925296	
	Brain_Anterior_cingulate_cortex_BA24	0.996710612			Brain_Substantia_nigra	
	8.431109516	0.001198613	0.494449175		-0.352191646	0.90224771
	0.072073573	0.335350528	3	0	0.998207054	
RBM12	ENSG00000244462.7	0.624496124	2	2	0.427261492	
	Brain_Putamen_basal_ganglia	0.511248348			Brain_Cerebellar_Hemisphere	
	1.130589324	0.869410676	0.869410676		-0.656895134	0.79388653
	0.068495698	1.025857552	2	0	0.998207054	
ZBED8	ENSG00000221886.3	0.624561352	2	2	0.421611437	Brain_Cerebellum
	Brain_Cerebellar_Hemisphere	1.935419835			0.064580165	
	0.064580165	-0.80362871	-0.559516801		-0.681572755	0.172613187
	2	0	0.998207054			
CDH2	ENSG00000170558.8	0.624580173	2	2	0.341768172	
	Brain_Cerebellar_Hemisphere	0.468039875			Brain_Cerebellum	1.865456142
	0.134543858	0.134543858	0.725671992		0.950677384	0.838174688
	0.159102839	2	0	0.998207054		
RAB27B	ENSG00000041353.9	0.624599716	2	2	0.44792715	Brain_Cerebellum
	Brain_Amygdala	1.297761486			0.702238514	0.702238514
	-0.758875309	-0.351097739	-0.554986524		0.288342285	2
	0.998207054				0	
TMEM127	ENSG00000135956.8	0.62469672	3	3	0.196930837	
	Brain_Caudate_basal_ganglia	0.39479538			Brain_Cerebellar_Hemisphere	2.15302611
	0.137158612	0.137158612	0.850953148		1.290345178	1.028586696
	0.231460779	3	0	0.998207054		
ABCG4	ENSG00000172350.9	0.624701287	2	2	0.332037323	Brain_Cerebellum
	Brain_Caudate_basal_ganglia	1.425817786			0.574182214	
	0.574182214	-0.970018396	-0.408290683		-0.689154539	0.397201475
	2	0	0.998207054			
PIEZO1	ENSG00000103335.21	0.624719209	4	4	0.213916716	
	Brain_Cerebellar_Hemisphere	0.80478826			Brain_Cerebellum	1.647922444
	0.427616791	0.427616791	-0.667915845		1.242867357	-0.035257086
	0.869241226	4	0	0.998207054		
MYCBP2	ENSG00000005810.17	0.624764802	1	1	0.624764802	

	Brain_Nucleus_accumbens_basal_ganglia	0.624764802						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.489108615			
	0.489108615	0.489108615	NA	1	0	0.998207054		
LINC01786	ENSG00000230415.1	0.624818455	1	1	0.624818455			
	Brain_Cortex	0.624818455	Brain_Cortex	1	1	1	0.489032829	
	0.489032829	0.489032829	NA	1	0	0.998207054		
ZNF45	ENSG00000124459.11	0.624836564	6	5	0.268314066		Brain_Cerebellum	
	0.985798593	Brain_Hypothalamus	3.855069956		0.061986483			
	0.144050849	-0.205790708	1.106953424		0.346830423		0.509609691	
	5	0	0.998207054					
PROS1	ENSG00000184500.14	0.624838359	4	4	0.154486876			
	Brain_Substantia_nigra	0.860956538	Brain_Cortex	2.254121275				
	0.133362831	0.133362831	-1.423860437		0.813437857		-0.260606762	
	0.915431921	4	0	0.998207054				
TEPSIN	ENSG00000167302.10	0.62483951	2	2	0.437304495			
	Brain_Spinal_cord_cervical_c-1	0.560510111	Brain_Cerebellar_Hemisphere					
	1.001823867	0.998176133	0.998176133		-0.776753028		-0.582083987	
	-0.679418507	0.137651799	2	0	0.998207054			
RING1	ENSG00000204227.4	0.624911833	1	1	0.624911833			
	Brain_Cerebellar_Hemisphere	0.624911833	Brain_Cerebellar_Hemisphere	1	1			
	1	-0.488900936	-0.488900936	-0.488900936	NA	1	0	
	0.998207054							
RP11-766N7.3	ENSG00000255693.1	0.624922247	11	7	0.129136534			
	Brain_Cerebellum	0.851786102	Brain_Caudate_basal_ganglia	6.889739236				
	0.000989634	0.251697298	-0.186839977		1.517515696		0.846895033	
	0.473815595	7	0	0.998207054				
RECQL	ENSG00000004700.15	0.624938886	3	3	0.245357724			
	Brain_Caudate_basal_ganglia	0.490085587	Brain_Cerebellar_Hemisphere					
	1.875012284	0.13172858	0.13172858	-1.161699069	0.690172703			
	-0.520338902	1.04895533	3	0	0.998207054			
IGFLR1	ENSG00000126246.9	0.624970871	2	2	0.375469072			
	Brain_Cerebellum	0.654837585	Brain_Caudate_basal_ganglia	1.061590097				
	0.938409903	0.938409903	0.447051904		0.88627553		0.666663717	
	0.310578005	2	0	0.998207054				
SLC34A2	ENSG00000157765.11	0.624971303	1	1	0.624971303			
	Brain_Hypothalamus	0.624971303	Brain_Hypothalamus	1	1	1		
	-0.488816941	-0.488816941	-0.488816941	NA	1	0	0.998207054	
PREX2	ENSG00000046889.18	0.625018113	5	5	0.110830271			
	Brain_Nucleus_accumbens_basal_ganglia	0.885820233	Brain_Cortex	2.42456133				
	0.224647475	0.224647475	-0.870668936		1.594472386		0.012337971	
	0.929390989	5	0	0.998207054				
ZDHHC22	ENSG00000177108.5	0.625070019	2	2	0.340041784			
	Brain_Cerebellum	0.901031482	Brain_Putamen_basal_ganglia	1.049486441				
	0.950513559	0.950513559	-0.954082696		0.124358435		-0.414862131	
	0.762573036	2	0	0.998207054				
VSTM2L	ENSG00000132821.11	0.625152811	2	2	0.334909767			
	Brain_Caudate_basal_ganglia	0.862194784	Brain_Cortex	1.07819497	0.92180503			
	0.92180503	-0.964271616	-0.173580976		-0.568926296		0.559102713	2
	0	0.998207054						
INHBB	ENSG00000163083.5	0.625312469	1	1	0.625312469		Brain_Cortex	
	0.625312469	Brain_Cortex	1	1	1	0.488335149	0.488335149	
	0.488335149	NA	1	0	0.998207054			
TRMT10B	ENSG00000165275.9	0.625405272	4	4	0.596409405			
	Brain_Nucleus_accumbens_basal_ganglia	0.894343286						
	Brain_Spinal_cord_cervical_c-1	2.322807753			0.118335311		0.118335311	
	-0.529571001	0.19629804	-0.069941212		0.34242493	4	0	0.998207054
NDUFAF4	ENSG00000123545.5	0.625689451	13	1	0.409027283			
	Brain_Substantia_nigra	0.975006747	Brain_Hippocampus	11.88314875				
	0.000412232	11.88314875	0.031329522		0.825606613		0.464390016	
	0.242093277	1	0	0.998207054				
ARC	ENSG00000198576.3	0.625829473	1	1	0.625829473		Brain_Cerebellum	
	0.625829473	Brain_Cerebellum	1	1	1	0.487605255	0.487605255	

	0.487605255	NA	1	0	0.998207054				
ZNF330	ENSG00000109445.10			0.625835494	3	3	0.194854114		
	Brain_Frontal_Cortex_BA9			0.825998305			Brain_Substantia_nigra		
	1.300130263	0.729314952		0.729314952			0.21983674	1.296352368	
	0.666363695	0.561217539		3	0	0.998207054			
NLRP14	ENSG00000158077.4			0.62587862	1	1	0.62587862		
	Brain_Spinal_cord_cervical_c-1			0.62587862			Brain_Spinal_cord_cervical_c-1	1	1
	1	1	-0.487535883	-0.487535883			-0.487535883	NA	1
	0.998207054								0
GCH1	ENSG00000131979.18			0.625907289	5	4	0.136963171		
	Brain_Putamen_basal_ganglia			0.96744704			Brain_Hippocampus	3.381087053	
	0.083109349	0.200612274		0.04081041			1.48719555	0.439191613	
	0.619393482	4	0	0.998207054					
CFAP69	ENSG00000105792.19			0.626021598	7	5	0.209754039		
	Brain_Caudate_basal_ganglia			0.914149905			Brain_Hippocampus	5.017886979	
	0.023087245	0.177133211		0.107805594			1.254242053	0.704706082	
	0.381404472	5	0	0.998207054					
CCND3	ENSG00000112576.12			0.626062103	1	1	0.626062103		Brain_Cortex
	0.626062103	Brain_Cortex	1	1	1		0.487276917	0.487276917	
	0.487276917	NA	1	0	0.998207054				
SLC20A2	ENSG00000168575.9			0.626074264	1	1	0.626074264		
	Brain_Cortex			0.626074264			Brain_Cortex	1	1
	0.487259755	0.487259755		NA	1	0	0.998207054		0.487259755
CUTC	ENSG00000119929.12			0.62609259	1	1	0.62609259		Brain_Cortex
	Brain_Cortex	1	1	1			-0.487233891	-0.487233891	-0.487233891
	NA	1	0	0.998207054					
PKLR	ENSG00000143627.17			0.626136219	1	1	0.626136219		
	Brain_Frontal_Cortex_BA9			0.626136219			Brain_Frontal_Cortex_BA9	1	1
	1	0.487172321		0.487172321			0.487172321	NA	1
	0.998207054								0
CASP1	ENSG00000137752.23			0.626288057	1	1	0.626288057		
	Brain_Anterior_cingulate_cortex_BA24			0.626288057					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1			-0.486958053		
	-0.486958053	-0.486958053		NA	1	0	0.998207054		
FZD1	ENSG00000157240.3			0.626300165	4	4	0.249655313		Brain_Cerebellum
	0.637016068	Brain_Frontal_Cortex_BA9		1.339048062			0.723946983		
	0.723946983	-1.151186998		0.790334612			-0.131752625	0.914727171	
	4	0	0.998207054						
LOXL1	ENSG00000129038.15			0.626319935	3	3	0.256462321		
	Brain_Caudate_basal_ganglia			0.963583572			Brain_Hippocampus	1.320676751	
	0.705636618	0.705636618		-0.636801689			1.134792377	0.150777869	
	0.901984701	3	0	0.998207054					
ADORA1	ENSG00000163485.16			0.626345008	2	2	0.437015581		
	Brain_Cerebellar_Hemisphere			0.690666084			Brain_Cerebellum	1.212036147	
	0.787963853	0.787963853		-0.3979513			0.777242723	0.189645711	
	0.830987662	2	0	0.998207054					
ZRANB1	ENSG00000019995.6			0.626507393	1	1	0.626507393		
	Brain_Amygdala			0.626507393			Brain_Amygdala	1	1
	0.486648577	0.486648577		NA	1	0	0.998207054		0.486648577
CERNA1	ENSG00000259577.1			0.6265469	13	4	0.117291397		
	Brain_Hypothalamus			0.909115865			Brain_Hippocampus	10.61463315	
	0.004910803	0.363213554		-1.566244464			-0.114153812	-1.183204502	
	0.421741108	4	0	0.998207054					
GLRA3	ENSG00000145451.12			0.626578027	3	2	0.337084807		
	Brain_Caudate_basal_ganglia			0.481701935			Brain_Nucleus_accumbens_basal_ganglia		
	2.887395387	0.011595688		0.101008925			-0.959941204	-0.703567856	
	-0.865153762	0.140635519		2	0	0.998207054			
ZNF831	ENSG00000124203.6			0.626820877	1	1	0.626820877		
	Brain_Cerebellar_Hemisphere			0.626820877			Brain_Cerebellar_Hemisphere	1	1
	1	-0.48620634		-0.48620634			-0.48620634	NA	1
	0.998207054								0
CASKIN2	ENSG00000177303.9			0.626845887	1	1	0.626845887		

	Brain_Nucleus_accumbens_basal_ganglia	0.626845887					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.486171062		
	-0.486171062	-0.486171062	NA	1	0	0.998207054	
PANK4	ENSG00000157881.13	0.626953685	2	2	0.50051771		
	Brain_Frontal_Cortex_BA9	0.518915006			Brain_Substantia_nigra		
	1.068464809	0.931535191	0.931535191		-0.645018795	0.673675392	
	0.014328298	0.932457602	2	0	0.998207054		
ZNF302	ENSG00000089335.20	0.627061775	12	3	0.137425505		
	Brain_Substantia_nigra	0.521851743			Brain_Caudate_basal_ganglia	10.0754618	
	0.000140713	0.496443264	-1.485446805		-0.640493608	-1.124705277	
	0.263248876	3	0	0.998207054			
RP1-102E24.8	ENSG00000256433.2	0.627079964	6	6	0.125347721		
	Brain_Cerebellum	0.94391178	Brain_Anterior_cingulate_cortex_BA24	2.450565999			
	0.089504469	0.089504469	-0.61268517	1.532708389	0.504869746		
	0.758890422	6	0	0.998207054			
SIGLEC11	ENSG00000161640.15	0.627178118	8	7	0.274010619		
	Brain_Hippocampus	0.988983716	Brain_Cerebellum	3.978255657			
	0.006029161	0.138282312	-1.093873143	0.751472719	-0.215100363		
	0.640178582	7	0	0.998207054			
KIAA1217	ENSG00000120549.17	0.627220597	2	2	0.481391199		
	Brain_Frontal_Cortex_BA9	0.503406302	Brain_Hippocampus	1.011317335			
	0.988682665	0.988682665	-0.669139802	0.704066761	0.017463479		
	0.971003673	2	0	0.998207054			
RP11-38G5.2	ENSG00000259548.1	0.627229026	2	1	0.567883393		
	Brain_Cerebellum	0.692489452	Brain_Cerebellar_Hemisphere	1.981055565			
	0.018944435	1.981055565	-0.571171504	-0.395478953	-0.483325228		
	0.124233394	1	0	0.998207054			
SPHK2	ENSG00000063176.15	0.627260762	3	2	0.347873315		
	Brain_Frontal_Cortex_BA9	0.485197616	Brain_Putamen_basal_ganglia	2.37336951			
	0.037407366	0.589223125	-0.93872235	-0.697967346	-0.781651992		
	0.136124355	2	0	0.998207054			
RP11-162A12.2	ENSG00000264278.1	0.627337154	2	2	0.475057913		
	Brain_Nucleus_accumbens_basal_ganglia	0.511050758	Brain_Hippocampus				
	1.010287569	0.989712431	0.989712431	-0.714273762	-0.657202438		
	-0.6857381	0.04035552	2	0	0.998207054		
ASTE1	ENSG00000034533.11	0.627447239	9	6	0.113287072		
	Brain_Anterior_cingulate_cortex_BA24	0.993630569	Brain_Cortex				
	5.900583457	0.048458639	0.312152944	-1.583589908	0.782841343		
	0.079239788	0.68109071	6	0	0.998207054		
SLC2A11	ENSG00000133460.19	0.627448953	11	3	0.346396698		
	Brain_Cerebellar_Hemisphere	0.952415379	Brain_Hippocampus	9.333010183			
	2.66E-08	0.462638798	-0.941601507	0.686164762	-0.217193351		
	0.398755736	3	0	0.998207054			
UBE2U	ENSG00000177414.13	0.627480912	4	4	0.189478968	Brain_Cortex	
	0.773237031	Brain_Amygdala	2.291926192	0.183468789	0.183468789		
	0.288143323	1.312122017	0.728825923	0.428125933	4	0	
	0.998207054						
MEIKIN	ENSG00000239642.5	0.627488548	3	2	0.335404014		
	Brain_Caudate_basal_ganglia	0.429561224	Brain_Cerebellar_Hemisphere	2.68291551			
	0.065981637	0.251102853	0.789942714	0.963286005	0.86631789		
	0.088487434	2	0	0.998207054			
PCTP	ENSG00000141179.13	0.62749665	1	1	0.62749665		
	Brain_Nucleus_accumbens_basal_ganglia	0.62749665					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.485253339		
	-0.485253339	-0.485253339	NA	1	0	0.998207054	
FABP1	ENSG00000163586.9	0.627503068	13	2	0.467256113		
	Brain_Frontal_Cortex_BA9	0.942002745	Brain_Spinal_cord_cervical_c-1				
	11.4616218	5.26E-18	0.748472809	-0.275687595	0.726950773	0.20304724	
	0.275184336	2	0	0.998207054			
COL14A1	ENSG00000187955.11	0.627658796	1	1	0.627658796		
	Brain_Putamen_basal_ganglia	0.627658796	Brain_Putamen_basal_ganglia	1	1		
	1	0.48502474	0.48502474	0.48502474	NA	1	0
						0.998207054	

RP11-452H21.4	ENSG00000251323.2	0.62766401	1	1	0.62766401	Brain_Cerebellum
	0.62766401 Brain_Cerebellum1	1	1	-0.485017391	-0.485017391	
	-0.485017391 NA 1 0	0.998207054				
APLF	ENSG00000169621.9	0.627686437	1	1	0.627686437	Brain_Cortex
	0.627686437 Brain_Cortex	1	1	1	-0.484985773	-0.484985773
	-0.484985773 NA 1 0	0.998207054				
ADAD2	ENSG00000140955.10	0.62774101	10	6	0.231834287	
	Brain_Substantia_nigra	0.91526064	Brain_Cortex	4.588907955		
	0.011623109 0.233033215	-1.19564714	0.853488913	0.094964999		
	0.677012799 6 0	0.998207054				
AP1S3	ENSG00000152056.16	0.627800998	5	5	0.143927345	Brain_Cortex
	0.772745333 Brain_Spinal_cord_cervical_c-1	1.462023576	0.693644883			
	0.693644883 -1.46132109	0.674778663	-0.30326764	0.838455379		
	5 0 0.998207054					
FKBP11	ENSG00000134285.10	0.62787237	11	3	0.304741795	
	Brain_Caudate_basal_ganglia	0.965322572	Brain_Frontal_Cortex_BA9			
	9.336583876 0.000187992	0.37557286	-1.026317831	0.043475402		
	-0.566354525 0.280271685	3 0	0.998207054			
CTC-281F24.1	ENSG00000261996.1	0.627936086	3	3	0.219472004	
	Brain_Cerebellum	0.573128563	Brain_Amygdala	1.644426897	0.47952993	
	0.47952993 -1.227933309	0.782179807	0.039232134	1.102833572	3	
	0 0.998207054					
SGPP2	ENSG00000163082.9	0.628025574	3	2	0.284721205	
	Brain_Nucleus_accumbens_basal_ganglia	0.470760757	Brain_Putamen_basal_ganglia			
	2.623947571 0.011848479	0.36420395	0.721241801	1.069773651		
	0.885356741 0.175150621	2 0	0.998207054			
TMEM100	ENSG00000166292.11	0.628054163	1	1	0.628054163	
	Brain_Nucleus_accumbens_basal_ganglia	0.628054163				
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1	-0.484467445			
	-0.484467445 -0.484467445 NA 1 0	0.998207054				
B4GALT2	ENSG00000117411.16	0.628061353	1	1	0.628061353	
	Brain_Hippocampus	0.628061353	Brain_Hippocampus	1 1 1		
	-0.484457312 -0.484457312	-0.484457312	NA 1 0	0.998207054		
RUFY2	ENSG00000204130.12	0.628068379	3	1	0.557338859	
	Brain_Putamen_basal_ganglia	0.682260837	Brain_Nucleus_accumbens_basal_ganglia			
	2.882184616 0.02669208	2.882184616	0.40937997	0.586798776		
	0.475400406 0.097024357	1 0	0.998207054			
CENPM	ENSG00000100162.14	0.628084704	10	5	0.408631766	
	Brain_Anterior_cingulate_cortex_BA24	0.97761366	Brain_Putamen_basal_ganglia			
	6.954872899 0.001935931	0.337709223	-0.826303823	0.794739288		
	-0.042720602 0.497836357	5 0	0.998207054			
POMT1	ENSG00000130714.15	0.628096935	7	3	0.578431483	
	Brain_Cerebellar_Hemisphere	0.981209302	Brain_Spinal_cord_cervical_c-1			
	6.195161593 0.006158539	0.274388677	-0.555677292	0.419546422		
	-0.12262814 0.380182299	3 0	0.998207054			
GSDMC	ENSG00000147697.8	0.628187386	1	1	0.628187386	
	Brain_Putamen_basal_ganglia	0.628187386	Brain_Putamen_basal_ganglia	1 1		
	1 0.484279692	0.484279692	0.484279692	NA 1 0		
	0.998207054					
HDAC1	ENSG00000116478.11	0.628360031	1	1	0.628360031	Brain_Cortex
	0.628360031 Brain_Cortex	1 1 1	0.484036408	0.484036408		
	0.484036408 NA 1 0	0.998207054				
FRAT2	ENSG00000181274.6	0.628373056	2	2	0.550753769	Brain_Cortex
	0.691128943 Brain_Substantia_nigra	1.460518422	0.539481578			
	0.539481578 -0.397323469	0.596631	0.099653766	0.702831945	2	
	0 0.998207054					
MRPL21	ENSG00000197345.12	0.628560018	13	1	0.447114261	
	Brain_Spinal_cord_cervical_c-1	0.793159645	Brain_Cerebellum	12.800172		
	2.02E-05 12.800172	0.26220987	0.760234776	0.48081247	0.145090352	1
	0 0.998207054					
FAM45A	ENSG00000119979.16	0.628588944	1	1	0.628588944	
	Brain_Putamen_basal_ganglia	0.628588944	Brain_Putamen_basal_ganglia	1 1		

	1	0.483713876	0.483713876	0.483713876	NA	1	0
		0.998207054					
TUBA8	ENSG00000183785.14	0.628634894	2	2	0.338493521		
	Brain_Frontal_Cortex_BA9	0.865647637			Brain_Amygdala	1.061201848	
	0.938798152	0.938798152	-0.957146095		0.169189439	-0.393978328	
	0.796439493	2	0	0.998207054			
MCTP1	ENSG00000175471.19	0.628651766	3	3	0.253101745	Brain_Cortex	
	0.689021966	Brain_Cerebellar_Hemisphere	1.312649952		0.691176783		
	0.691176783	-0.411549302	1.142847905		0.37716043	0.777454299	3
	0	0.998207054					
B3GAT1	ENSG00000109956.12	0.628707736	2	2	0.358269635		
	Brain_Frontal_Cortex_BA9	0.50133325	Brain_Cortex	1.449764243			
	0.550235757	0.550235757	0.672393453		0.918667269	0.795530361	
	0.174141886	2	0	0.998207054			
SDHC	ENSG00000143252.14	0.628795121	8	5	0.195599509		
	Brain_Hypothalamus	0.932530564	Brain_Anterior_cingulate_cortex_BA24				
	5.254223664	0.033544709	0.420202113		-0.331658242	1.294190844	
	0.553801172	0.583986629	5	0	0.998207054		
GACAT3	ENSG00000236289.2	0.628803108	1	1	0.628803108		
	Brain_Spinal_cord_cervical_c-1	0.628803108	Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.483412172	0.483412172	NA	1
	0.998207054						0
DACT1	ENSG00000165617.14	0.628821205	1	1	0.628821205	Brain_Cortex	
	0.628821205	Brain_Cortex	1	1	1	0.483386679	0.483386679
	0.483386679	NA	1	0	0.998207054		
RP11-399K21.11	ENSG00000270087.5	0.629065818	2	2	0.41242858		
	Brain_Hypothalamus	0.558548265	Brain_Hippocampus	1.100450598			
	0.899549402	0.899549402	-0.819627344		-0.584999185	-0.702313265	
	0.165907162	2	0	0.998207054			
SCAF1	ENSG00000126461.14	0.629100341	1	1	0.629100341	Brain_Cerebellum	
	0.629100341	Brain_Cerebellum	1	1	-0.482993514	-0.482993514	
	-0.482993514	NA	1	0	0.998207054		
CLU	ENSG00000120885.21	0.629111026	1	1	0.629111026		
	Brain_Putamen_basal_ganglia	0.629111026	Brain_Putamen_basal_ganglia	1	1		
	1	-0.482978466	-0.482978466	-0.482978466	NA	1	0
	0.998207054						
CTC-471C19.1	ENSG00000261037.1	0.629301776	8	7	0.163848521		
	Brain_Nucleus_accumbens_basal_ganglia	0.925746785	Brain_Hypothalamus				
	4.042320171	0.076818572	0.165940725		-0.892046779	1.392244006	
	0.57465246	0.776926076	7	0	0.998207054		
MYEOV	ENSG00000172927.7	0.629316924	2	2	0.382249672	Brain_Cerebellum	
	0.387331535	Brain_Cerebellar_Hemisphere	1.631222875		0.368777125		
	0.368777125	0.864466756	0.873758708		0.869112732	0.006570402	
	2	0	0.998207054				
ALDH5A1	ENSG00000112294.12	0.629320809	6	4	0.084610688		
	Brain_Cerebellum	0.964943795	Brain_Anterior_cingulate_cortex_BA24				
	4.097737481	0.047472147	0.409625689		0.043950583	1.724538427	
	0.822504295	0.636260124	4	0	0.998207054		
APBA1	ENSG00000107282.7	0.62936419	1	1	0.62936419	Brain_Putamen_basal_ganglia	
	0.62936419	Brain_Putamen_basal_ganglia	1	1	1	0.482621952	
	0.482621952	0.482621952	NA	1	0	0.998207054	
SLAIN1	ENSG00000139737.21	0.629399063	3	3	0.341222439		
	Brain_Cerebellar_Hemisphere	0.734446142	Brain_Cerebellum	1.171797853			
	0.847257863	0.847257863	-0.951752653		0.796202992	-0.164922274	
	0.886916718	3	0	0.998207054			
RITA1	ENSG00000139405.15	0.629406112	6	3	0.133032824	Brain_Cortex	
	0.393887523	Brain_Cerebellar_Hemisphere	4.735937597		0.039300201		
	0.453208873	-1.502248965	-0.852588535		-1.145611356	0.311747472	
	3	0	0.998207054				
SLIT1	ENSG00000187122.16	0.629651623	1	1	0.629651623	Brain_Cerebellum	
	0.629651623	Brain_Cerebellum	1	1	1	-0.482217251	-0.482217251
	-0.482217251	NA	1	0	0.998207054		

LRTM2 ENSG00000166159.10 0.629719389 3 3 0.272930613
Brain_Frontal_Cortex_BA9 0.840862234 Brain_Cerebellum 1.107478455
0.892957622 0.892957622 -1.096338624 0.728606657 -0.055647088
0.939109459 3 0 0.998207054
OAF ENSG00000184232.8 0.629845027 7 3 0.211414827 Brain_Cortex
0.894980124 Brain_Putamen_basal_ganglia 5.227947425 0.023673889
0.435569407 -0.267177409 1.249684486 0.641700109 0.551446003
3 0 0.998207054
MGST1 ENSG00000008394.12 0.629848091 6 6 0.057900042 Brain_Cerebellum
0.838904084 Brain_Nucleus_accumbens_basal_ganglia 3.133165753 0.1215729
0.1215729 -0.66662358 1.896453965 0.363461708 0.942713085 6
0 0.998207054
DARS ENSG00000115866.10 0.629915288 2 2 0.356314408 Brain_Cerebellum
0.936864977 Brain_Cerebellar_Hemisphere 1.201979044 0.798020956
0.798020956 0.079210772 0.922410667 0.500810719 0.596232364
2 0 0.998207054
RP11-672A2.5 ENSG00000255363.2 0.630113619 1 1 0.630113619
Brain_Nucleus_accumbens_basal_ganglia 0.630113619
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.481566936
0.481566936 0.481566936 NA 1 0 0.998207054
PLEKHJ1 ENSG00000104886.11 0.630236775 4 4 0.129326541
Brain_Hypothalamus 0.893614843 Brain_Hippocampus 2.311357214
0.199930951 0.199930951 -0.445526625 1.516762963 0.186449624
0.897152057 4 0 0.998207054
JCHAIN ENSG00000132465.10 0.630250559 1 1 0.630250559
Brain_Substantia_nigra 0.630250559 Brain_Substantia_nigra 1 1
1 0.481374216 0.481374216 0.481374216 NA 1 0
0.998207054
SART1 ENSG00000175467.14 0.63028949 1 1 0.63028949 Brain_Cerebellum 0.63028949
Brain_Cerebellum 1 1 1 0.48131943 0.48131943 0.48131943 NA 1 0
0.998207054
ARHGEF11 ENSG00000132694.18 0.63046697 1 1 0.63046697 Brain_Hypothalamus
0.63046697 Brain_Hypothalamus 1 1 1 -0.481069689 -0.481069689
-0.481069689 NA 1 0 0.998207054
LPL ENSG00000175445.14 0.630558638 1 1 0.630558638
Brain_Anterior_cingulate_cortex_BA24 0.630558638
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -0.48094071
-0.48094071 -0.48094071 NA 1 0 0.998207054
BROX ENSG00000162819.11 0.630704403 6 5 0.556949045
Brain_Frontal_Cortex_BA9 0.895715308 Brain_Putamen_basal_ganglia
4.710739025 0.08999191 0.164348259 -0.587379222 0.515607545
-0.140142608 0.425559324 5 0 0.998207054
MOAP1 ENSG00000165943.4 0.630751453 1 1 0.630751453
Brain_Frontal_Cortex_BA9 0.630751453 Brain_Frontal_Cortex_BA9 1 1
1 -0.480669442 -0.480669442 -0.480669442 NA 1 0
0.998207054
RP11-382D12.2 ENSG00000271387.1 0.630783954 1 1 0.630783954
Brain_Hippocampus 0.630783954 Brain_Hippocampus 1 1 1
0.48062372 0.48062372 0.48062372 NA 1 0 0.998207054
CHI3L1 ENSG00000133048.12 0.63086549 1 1 0.63086549
Brain_Frontal_Cortex_BA9 0.63086549 Brain_Frontal_Cortex_BA9 1 1 1
0.480509022 0.480509022 0.480509022 NA 1 0 0.998207054
EPHA5-AS1 ENSG00000250846.6 0.631021901 1 1 0.631021901
Brain_Anterior_cingulate_cortex_BA24 0.631021901
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -0.480289012
-0.480289012 -0.480289012 NA 1 0 0.998207054
FMO4 ENSG00000076258.9 0.631076811 6 6 0.082699797
Brain_Hippocampus 0.862315064 Brain_Cortex 1.738186582
0.382555646 0.382555646 -1.735231568 0.489794548 -0.025264088
0.847573661 6 0 0.998207054
RP11-392O17.2 ENSG00000277007.1 0.63108896 1 1 0.63108896
Brain_Frontal_Cortex_BA9 0.63108896 Brain_Frontal_Cortex_BA9 1 1 1

	-0.480194693	-0.480194693	-0.480194693	NA	1	0	0.998207054
NCOA1	ENSG00000084676.15	0.631151641	4	4	0.218182096		
	Brain_Substantia_nigra	0.867415939		Brain_Cortex	2.278140585		
	0.314346546	0.314346546	-0.241674547	1.231376463	0.417797137		
	0.624260315	4	0	0.998207054			
RP11-2C24.7	ENSG00000274678.1	0.631300865	1	1	0.631300865		
	Brain_Spinal_cord_cervical_c-1	0.631300865		Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.479896675	0.479896675	NA	1
	0.998207054						0
RABEP1	ENSG00000029725.16	0.631389391	5	5	0.12406455		
	Brain_Substantia_nigra	0.933321261		Brain_Nucleus_accumbens_basal_ganglia			
	2.8165375	0.198879727	0.198879727	-0.318841752	1.537934831		
	0.238193535	0.757215352	5	0	0.998207054		
PNP	ENSG00000198805.11	0.631391063	3	3	0.372573849		
	Brain_Putamen_basal_ganglia	0.577651416		Brain_Amygdala	1.072451988		
	0.929885217	0.929885217	-0.891662519	-0.55681854	-0.756984513		
	0.176767158	3	0	0.998207054			
CSDC2	ENSG00000172346.14	0.6313998	7	3	0.298755824		
	Brain_Nucleus_accumbens_basal_ganglia	0.768384445		Brain_Putamen_basal_ganglia			
	6.164087574	0.010545191	0.262556141	-1.039105177	-0.294488767		
	-0.70204828	0.272347882	3	0	0.998207054		
CSGALNACT2	ENSG00000169826.7	0.631481025	13	1	0.452601312		
	Brain_Frontal_Cortex_BA9	0.8015441	Brain_Putamen_basal_ganglia	12.55630588			
	1.27E-05	12.55630588	0.251349252	0.751085317	0.470346206		
	0.131247653	1	0	0.998207054			
KLHL28	ENSG00000179454.13	0.631633172	1	1	0.631633172		
	Brain_Putamen_basal_ganglia	0.631633172		Brain_Putamen_basal_ganglia	1	1	
	1	0.479429415	0.479429415	0.479429415	NA	1	0
	0.998207054						
RP11-663P9.1	ENSG00000250863.1	0.631697755	4	4	0.239689966		
	Brain_Cerebellum	0.781481821	Brain_Cortex	2.334709371	0.33956556		
	0.33956556	0.277388487	1.175762073	0.702929337	0.463584223		4
	0	0.998207054					
DPYD	ENSG00000188641.12	0.631812196	1	1	0.631812196	Brain_Cortex	
	0.631812196	Brain_Cortex	1	1	1	0.479177729	0.479177729
	0.479177729	NA	1	0	0.998207054		
TNFSF13	ENSG00000161955.16	0.63184221	3	3	0.31446374		
	Brain_Caudate_basal_ganglia	0.76718902	Brain_Amygdala	1.19115358	0.822939202		
	0.822939202	-0.623699439	1.005899867	0.028715554	0.861977267		
	3	0	0.998207054				
LYVE1	ENSG00000133800.8	0.631890755	2	2	0.34511517		
	Brain_Anterior_cingulate_cortex_BA24	0.841393117	Brain_Cerebellar_Hemisphere				
	1.038884552	0.961115448	0.961115448	-0.944106614	0.200111836		
	-0.371997389	0.809084625	2	0	0.998207054		
ITGAM	ENSG00000169896.16	0.631970986	2	2	0.338552999		
	Brain_Hippocampus	0.991396063	Brain_Anterior_cingulate_cortex_BA24				
	1.034496488	0.965503512	0.965503512	-0.957028244	0.010783645		
	-0.473122299	0.68434635	2	0	0.998207054		
SOHLH2	ENSG00000120669.15	0.631971834	13	1	0.359682798		
	Brain_Substantia_nigra	0.9000928	Brain_Amygdala	12.54388754			
	0.000559503	12.54388754	0.125544118	0.91596968	0.471874377		
	0.211805086	1	0	0.998207054			
RP11-20G13.5	ENSG00000274294.1	0.632015387	1	1	0.632015387		
	Brain_Amygdala	0.632015387	Brain_Amygdala	1	1	1	-0.478892106
	-0.478892106	-0.478892106	NA	1	0	0.998207054	
TRIB2	ENSG00000071575.11	0.632016031	1	1	0.632016031	Brain_Cortex	
	0.632016031	Brain_Cortex	1	1	1	-0.478891201	-0.478891201
	-0.478891201	NA	1	0	0.998207054		
DISP3	ENSG00000204624.7	0.632316148	2	2	0.469432477	Brain_Cortex	
	0.813185674	Brain_Frontal_Cortex_BA9	1.448350445	0.551649555			
	0.551649555	-0.723402759	0.236318318	-0.24354222	0.678625282		
	2	0	0.998207054				

LINC00665 ENSG00000232677.6 0.632708523 12 3 0.157128354
Brain_Amygdala 0.748435299 Brain_Substantia_nigra 9.449917428
0.004196016 0.497319575 -1.414795873 -0.320703231 -0.743774498
0.361220157 3 0 0.998207054
PSMB3 ENSG00000277791.4 0.632802396 1 1 0.632802396
Brain_Cerebellar_Hemisphere 0.632802396 Brain_Cerebellar_Hemisphere 1 1
1 0.477786183 0.477786183 0.477786183 NA 1 0
0.998207054
RP11-1017G21.5 ENSG00000271780.1 0.632965631 11 7 0.286174457
Brain_Cerebellar_Hemisphere 0.998260875 Brain_Cerebellum 7.115968215
0.006746458 0.271074338 -1.066551399 1.00051973 0.107695269
0.654804817 7 0 0.998207054
RP11-307L14.2 ENSG00000272354.1 0.632986821 1 1 0.632986821
Brain_Hippocampus 0.632986821 Brain_Hippocampus 1 1 1
0.47752711 0.47752711 0.47752711 NA 1 0 0.998207054
ANTXR1 ENSG00000169604.19 0.633056701 2 2 0.467508055
Brain_Caudate_basal_ganglia 0.992750388 Brain_Nucleus_accumbens_basal_ganglia
1.64292003 0.35707997 0.35707997 -0.009086166 0.726539576 0.358726705
0.520165951 2 0 0.998207054
RP11-173P15.9 ENSG00000277423.1 0.633131461 1 1 0.633131461
Brain_Caudate_basal_ganglia 0.633131461 Brain_Caudate_basal_ganglia 1 1
1 0.477323947 0.477323947 0.477323947 NA 1 0
0.998207054
HCG20 ENSG00000228022.5 0.633145743 11 5 0.161279564
Brain_Putamen_basal_ganglia 0.995230791 Brain_Caudate_basal_ganglia
7.954365616 0.011750268 0.387368686 -0.191454758 1.400781028
0.250430458 0.446564307 5 0 0.998207054
DES ENSG00000175084.11 0.633159065 2 2 0.559341901
Brain_Caudate_basal_ganglia 0.690041478 Brain_Amygdala 1.465006861
0.534993139 0.534993139 -0.583819287 0.398798777 -0.092510255
0.694815896 2 0 0.998207054
RP1-111D6.4 ENSG00000225924.2 0.633164405 2 2 0.339335108
Brain_Hippocampus 0.975265756 Brain_Caudate_basal_ganglia 1.067218467
0.932781533 0.932781533 0.031004745 0.955479816 0.49324228
0.653702592 2 0 0.998207054
SENP7 ENSG00000138468.15 0.633182248 5 3 0.394814312
Brain_Caudate_basal_ganglia 0.949328467 Brain_Cerebellar_Hemisphere 4.12084542
0.066858243 0.230857725 -0.850919068 -0.063550099 -0.467849919
0.375118271 3 0 0.998207054
LRRC37A ENSG00000176681.14 0.633362483 13 3 0.450360354
Brain_Hippocampus 0.992762684 Brain_Cerebellar_Hemisphere 10.87835631
0.010517638 0.415270164 -0.329179257 0.754814398 0.130421343
0.301859662 3 0 0.998207054
FUT8 ENSG00000033170.16 0.633394512 2 2 0.362631415
Brain_Cerebellar_Hemisphere 0.650604742 Brain_Amygdala 1.183511503
0.816488497 0.816488497 -0.91036241 0.452922232 -0.228720089
0.963987815 2 0 0.998207054
BLOC1S1 ENSG00000135441.7 0.633395578 10 1 0.419213267
Brain_Caudate_basal_ganglia 0.921677385 Brain_Hypothalamus 9.689509629
6.88E-17 9.689509629 -0.098321023 0.807786901 0.468991893
0.229868108 1 0 0.998207054
PPP6R3 ENSG00000110075.14 0.633571751 1 1 0.633571751
Brain_Frontal_Cortex_BA9 0.633571751 Brain_Frontal_Cortex_BA9 1 1
1 -0.476705633 -0.476705633 -0.476705633 NA 1 0
0.998207054
CFLAR ENSG00000003402.19 0.633587766 1 1 0.633587766
Brain_Cerebellar_Hemisphere 0.633587766 Brain_Cerebellar_Hemisphere 1 1
1 -0.476683146 -0.476683146 -0.476683146 NA 1 0
0.998207054
MYLIP ENSG00000007944.14 0.633631719 3 3 0.259134081 Brain_Cerebellum
0.737071418 Brain_Cerebellar_Hemisphere 1.646397569 0.356081927
0.356081927 -0.481208526 1.128440147 0.327655228 0.804854747

3	0	0.998207054							
MED31	ENSG00000108590.10	0.633766618	4	4	0.202208437				
	Brain_Caudate_basal_ganglia	0.974924079			Brain_Cerebellum	2.382919562			
	0.180255422	0.180255422			-1.275284854	0.231564468			-0.462685104
	0.689489314	4	0	0.998207054					
CDH5	ENSG00000179776.17	0.633770746	1	1	0.633770746				
	Brain_Hippocampus	0.633770746			Brain_Hippocampus	1	1	1	
	-0.476426237	-0.476426237			-0.476426237	NA	1	0	0.998207054
PARP8	ENSG00000151883.17	0.633856447	3	3	0.43285466	Brain_Hippocampus			
	0.563536435	Brain_Cerebellum	1.787201967		0.393287742	0.393287742			0.393287742
	-0.620642897	0.784316092	0.247089965		0.758553536	3			0
	0.998207054								
DNAJC17	ENSG00000104129.9	0.633886484	1	1	0.633886484				
	Brain_Hippocampus	0.633886484			Brain_Hippocampus	1	1	1	
	0.476263754	0.476263754			0.476263754	NA	1	0	0.998207054
SLX4	ENSG00000188827.10	0.633998098	2	2	0.344732854				
	Brain_Cerebellar_Hemisphere	0.463920849			Brain_Cerebellum	1.851074659			
	0.148925341	0.148925341			-0.944855105	-0.732405916			-0.838630511
	0.150224263	2	0	0.998207054					
FBXO38	ENSG00000145868.16	0.634060836	8	2	0.232965683				
	Brain_Caudate_basal_ganglia	0.630041855			Brain_Anterior_cingulate_cortex_BA24				
	6.796457066	0.005771769			0.637171072	0.481667939			1.19275412
	0.78689506	0.268432747	2	0	0.998207054				
SCGB2B2	ENSG00000205209.7	0.634355789	3	3	0.266895817				
	Brain_Frontal_Cortex_BA9	0.786315362			Brain_Caudate_basal_ganglia				
	2.344103315	0.263865874	0.263865874		0.271098387	1.110239544			
	0.670816249	0.420977269	3	0	0.998207054				
ULBP2	ENSG00000131015.4	0.634484084	6	5	0.105021119				
	Brain_Substantia_nigra	0.525415632			Brain_Cerebellar_Hemisphere				
	3.381316902	0.05411767	0.237678398		-1.620983775	-0.6350196			
	-1.111713726	0.325760364	5	0	0.998207054				
GDAP1	ENSG00000104381.12	0.634505234	2	2	0.468450042	Brain_Cortex			
	0.853898297	Brain_Cerebellum	1.490858364		0.509141636	0.509141636			
	-0.184146795	0.725003241	0.270428223		0.642866155	2			0
	0.998207054								
DDX10	ENSG00000178105.9	0.634569685	2	2	0.390458748	Brain_Cortex			
	0.666347284	Brain_Cerebellum	1.019083433		0.980916567	0.980916567			
	-0.858785719	0.431166536	-0.213809592		0.912133987	2			0
	0.998207054								
LHFP	ENSG00000183722.7	0.634593761	4	4	0.26938367				
	Brain_Nucleus_accumbens_basal_ganglia	0.739982537							
	Brain_Spinal_cord_cervical_c-1	1.30282392	0.690133788		0.690133788				
	-1.063671655	1.104483008	-0.207075827		0.927096791	4			0
	0.998207054								
AZU1	ENSG00000172232.9	0.634654769	1	1	0.634654769				
	Brain_Putamen_basal_ganglia	0.634654769			Brain_Putamen_basal_ganglia	1			1
	1	0.475185489	0.475185489		0.475185489	NA	1		0
	0.998207054								
NAV3	ENSG00000067798.14	0.634683398	1	1	0.634683398	Brain_Cerebellum			
	0.634683398	Brain_Cerebellum	1	1	0.47514532	0.47514532			0.47514532
	NA	1	0	0.998207054					
FOXL2NB	ENSG00000206262.8	0.63474785	1	1	0.63474785	Brain_Cerebellum			
	0.63474785	Brain_Cerebellum	1	1	0.47505489	0.47505489			0.47505489
	1	0	0.998207054						
PTHLH	ENSG00000087494.15	0.634752502	2	2	0.361587555	Brain_Cerebellum			
	0.775572512	Brain_Anterior_cingulate_cortex_BA24	1.00900352		0.99099648				
	0.99099648	0.285093497	0.912344196		0.598718847	0.443533223			2
	0	0.998207054							
RP11-3B12.2	ENSG00000237764.2	0.634796133	1	1	0.634796133				
	Brain_Cerebellar_Hemisphere	0.634796133			Brain_Cerebellar_Hemisphere	1			1
	1	-0.47498715	-0.47498715		-0.47498715	NA	1		0
	0.998207054								

C3orf70	ENSG00000187068.2	0.634886112	9	4	0.389485846			
	Brain_Nucleus_accumbens_basal_ganglia	0.998223067				Brain_Frontal_Cortex_BA9		
	6.959304163	2.28E-06	0.236502592		-0.380796881	0.86055016		
	0.372590292	0.467167853	4	0	0.998207054			
FAM222B	ENSG00000173065.13	0.63495261	1	1	0.63495261	Brain_Cerebellum		
	0.63495261 Brain_Cerebellum	1	1	0.474767627	0.474767627			
	0.474767627	NA	1	0	0.998207054			
APMAP	ENSG00000101474.11	0.635065827	6	5	0.530237025			
	Brain_Substantia_nigra	0.79182322	Brain_Caudate_basal_ganglia	4.051094001				
	0.036297361	0.198632458	-0.577757303	0.627644233	-0.235417308			
	0.444344697	5	0	0.998207054				
ELAC1	ENSG00000141642.8	0.635155296	1	1	0.635155296			
	Brain_Caudate_basal_ganglia	0.635155296	Brain_Caudate_basal_ganglia	1	1			
	1	-0.474483312	-0.474483312	-0.474483312	NA	1	0	
	0.998207054							
RP11-426C22.7	ENSG00000273582.1	0.635173831	2	2	0.383132319			
	Brain_Hypothalamus	0.403687559	Brain_Spinal_cord_cervical_c-1					
	1.608525287	0.391474713	0.391474713	-0.872139429	-0.835053548			
	-0.853596488	0.026223678	2	0	0.998207054			
REPS1	ENSG00000135597.18	0.635187721	6	6	0.26335499			
	Brain_Frontal_Cortex_BA9	0.934707653	Brain_Nucleus_accumbens_basal_ganglia					
	1.944636753	0.461000468	0.461000468	-0.727048067	1.118496525			
	0.390492447	0.690286856	6	0	0.998207054			
AQP3	ENSG00000165272.14	0.635231159	4	4	0.187783961	Brain_Cerebellum		
	0.579427454	Brain_Anterior_cingulate_cortex_BA24	2.333367419					
	0.244610332	0.244610332	0.554221225	1.317163095	0.91738247			
	0.414136886	4	0	0.998207054				
RPRD1A	ENSG00000141425.17	0.635261455	2	2	0.397259229			
	Brain_Cortex	0.749159762	Brain_Substantia_nigra	1.133690581				
	0.866309419	0.866309419	-0.319747483	0.846526264	0.263389391			
	0.824680075	2	0	0.998207054				
CLPB	ENSG00000162129.12	0.635400315	1	1	0.635400315			
	Brain_Anterior_cingulate_cortex_BA24	0.635400315						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.474139665			
	-0.474139665	-0.474139665	NA	1	0	0.998207054		
SYMPK	ENSG00000125755.18	0.635442073	7	3	0.43960891			
	Brain_Nucleus_accumbens_basal_ganglia	0.793923769	Brain_Cortex					
	5.979473355	0.027589655	0.311623473	-0.261218816	0.7728538			
	0.418264364	0.326709759	3	0	0.998207054			
C11orf21	ENSG00000110665.11	0.6354485	6	6	0.15899275	Brain_Cortex		
	0.934873829	Brain_Spinal_cord_cervical_c-1	1.637105496	0.371215812				
	0.371215812	-1.408467278	-0.081714398	-0.743375581	0.443182288			
	6	0	0.998207054					
DAZAP2	ENSG00000183283.15	0.635598112	1	1	0.635598112			
	Brain_Cerebellar_Hemisphere	0.635598112	Brain_Cerebellar_Hemisphere	1	1			
	1	0.473862289	0.473862289	0.473862289	NA	1	0	
	0.998207054							
MOBP	ENSG00000168314.17	0.635601892	1	1	0.635601892			
	Brain_Substantia_nigra	0.635601892	Brain_Substantia_nigra	1	1			
	1	0.473856989	0.473856989	0.473856989	NA	1	0	
	0.998207054							
LINC00452	ENSG00000229373.8	0.635607369	1	1	0.635607369			
	Brain_Cortex	0.635607369	Brain_Cortex	1	1	1	-0.473849309	
	-0.473849309	-0.473849309	NA	1	0	0.998207054		
RAB3GAP2	ENSG00000118873.15	0.635640791	3	3	0.292351356			
	Brain_Anterior_cingulate_cortex_BA24	0.561643726						
	Brain_Nucleus_accumbens_basal_ganglia	1.270374033	0.729545536					
	0.729545536	-1.052977388	0.666485802	0.064636721	0.968838784			
	3	0	0.998207054					
LINC01476	ENSG00000265313.5	0.635663946	1	1	0.635663946			
	Brain_Anterior_cingulate_cortex_BA24	0.635663946						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.473769977			

	0.473769977	0.473769977	NA	1	0	0.998207054	
MTIF3	ENSG00000122033.14	0.636044316		6	6	0.094714788	
	Brain_Cerebellar_Hemisphere	0.901550232				Brain_Nucleus_accumbens_basal_ganglia	
	2.590354657	0.12371216	0.12371216	-0.2381147	1.671034885	0.50401233	
	0.850607733	6	0	0.998207054			
AC004775.5	ENSG00000272203.1	0.636045998		2	2	0.354186448	
	Brain_Spinal_cord_cervical_c-1	0.795979855				Brain_Cerebellar_Hemisphere	
	1.046401461	0.953598539	0.953598539	-0.926499517	-0.258553383		
	-0.59252645	0.472309241	2	0	0.998207054		
PSMA2	ENSG00000106588.10	0.636079655		1	1	0.636079655	Brain_Cortex
	0.636079655	Brain_Cortex	1	1	1	0.473187163	0.473187163
	0.473187163	NA	1	0	0.998207054		
CCDC85A	ENSG00000055813.5	0.636114562		4	4	0.181032641	
	Brain_Cerebellar_Hemisphere	0.939567734				Brain_Putamen_basal_ganglia	
	1.974067203	0.077283604	0.077283604	-1.337582288	-0.075813175		
	-0.804920083	0.549500428	4	0	0.998207054		
EBF4	ENSG00000088881.20	0.636116704		3	3	0.222280291	
	Brain_Putamen_basal_ganglia	0.806326872				Brain_Cerebellum	1.082851547
	0.906213169	0.906213169	-1.220487061	-0.24516733	-0.58859083		
	0.547927488	3	0	0.998207054			
BMP8A	ENSG00000183682.7	0.63618868	6	6	0.145976122		
	Brain_Cerebellar_Hemisphere	0.863610855				Brain_Cortex	2.535668591
	0.224434216	0.224434216	-0.171779535	1.453892467	0.600625489		
	0.58646241	6	0	0.998207054			
PP2D1	ENSG00000183977.13	0.636219593		2	2	0.352018098	Brain_Cerebellum
	0.804225575	Brain_Cerebellar_Hemisphere	1.453631606	0.546368394			
	0.546368394	0.247882171	0.930681971	0.589282071	0.482812368		
	2	0	0.998207054				
PYROXD1	ENSG00000121350.15	0.636267631		11	5	0.100826199	
	Brain_Spinal_cord_cervical_c-1	0.477848455				Brain_Caudate_basal_ganglia	
	8.046741088	0.005220104	0.292946084	0.709767292	1.640861352		
	1.111809581	0.244784449	5	0	0.998207054		
TTL12	ENSG00000100304.12	0.63648282	8	8	0.211103162		Brain_Cortex
	0.940548358	Brain_Anterior_cingulate_cortex_BA24	2.766196133				
	0.251053432	0.251053432	-0.30210459	1.250537783	0.27426628		
	0.564552906	8	0	0.998207054			
LINC00348	ENSG00000226846.1	0.636502133		1	1	0.636502133	
	Brain_Caudate_basal_ganglia	0.636502133				Brain_Caudate_basal_ganglia	1
	1	-0.472595024	-0.472595024	-0.472595024	NA	1	0
	0.998207054						
MAPRE3	ENSG00000084764.10	0.636567804		2	2	0.39286675	Brain_Cerebellum
	0.686977519	Brain_Spinal_cord_cervical_c-1	1.015514923	0.984485077			
	0.984485077	-0.40296018	0.854430054	0.225734937	0.889109161		
	2	0	0.998207054				
RIBC2	ENSG00000128408.8	0.636611679		5	2	0.390292264	
	Brain_Hypothalamus	0.952926202				Brain_Cortex	4.403546978
	0.004583462	0.501784146	-0.859087462	0.059032525	-0.331562917		
	0.330618993	2	0	0.998207054			
LINC01164	ENSG00000189275.3	0.636612629		2	2	0.45611209	Brain_Cortex
	0.955098241	Brain_Frontal_Cortex_BA9	1.572970509	0.427029491			
	0.427029491	-0.056305746	0.745264083	0.344479168	0.566795462		
	2	0	0.998207054				
RP11-986G18.2	ENSG00000274659.1	0.636717498		3	3	0.429037789	
	Brain_Hypothalamus	0.89574344	Brain_Frontal_Cortex_BA9	2.058735316			
	0.384794826	0.384794826	-0.790839272	0.372752478	-0.09568217		
	0.614034807	3	0	0.998207054			
FAM129B	ENSG00000136830.11	0.636862149		4	4	0.283235071	
	Brain_Frontal_Cortex_BA9	0.934709578				Brain_Amygdala	1.474453914
	0.531149228	0.531149228	-1.073080339	0.673762773	0.04022398		
	0.82016939	4	0	0.998207054			
LMOD1	ENSG00000163431.12	0.636872987		6	6	0.310972962	
	Brain_Hypothalamus	0.737836533				Brain_Cortex	3.51557124
					0.120292417		

	0.120292417	-0.334719709	1.013182576	0.583366556	0.516521361
	6	0	0.998207054		
CFAP20	ENSG00000070761.7	0.637128372	2	2	0.362587734
	Brain_Spinal_cord_cervical_c-1	0.780927777			Brain_Hippocampus
	1.009414404	0.990585596	0.990585596	-0.278110186	0.910445268
	0.316167541	0.840435621	2	0	0.998207054
DHFR	ENSG00000228716.6	0.637148838	13	1	0.407070767
	Brain_Hippocampus	0.907140581			Brain_Putamen_basal_ganglia
	0.008302598	11.77617812	-0.829059451	0.27119991	-0.447726341
	0.326571169	1	0	0.998207054	
ZNF256	ENSG00000152454.3	0.637205422	1	1	0.637205422
	Brain_Anterior_cingulate_cortex_BA24	0.637205422			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.471609672
	0.471609672	0.471609672	NA	1	0
	0.998207054				
SPSB2	ENSG00000111671.9	0.637470786	11	8	0.167965667
	Brain_Hippocampus	0.875414174			Brain_Cortex
	0.215409243	-1.107805328	1.378770041	0.398941572	0.003229967
	8	0	0.998207054		0.700708805
KIFC2	ENSG00000167702.11	0.637504363	5	5	0.258820752
	Brain_Hypothalamus	0.739231768			Brain_Cerebellar_Hemisphere
	0.25287788	0.25287788	-1.129182743	0.332870858	-0.575933587
	0.586998609	5	0	0.998207054	
KCTD14	ENSG00000151364.16	0.637710156	3	3	0.284685432
	Brain_Caudate_basal_ganglia	0.632334805			Brain_Cortex
	0.653650169	0.653650169	-0.478443182	1.069853109	0.431186358
	0.808931997	3	0	0.998207054	
TCP11L2	ENSG00000166046.10	0.637798727	1	1	0.637798727
	Brain_Hypothalamus	0.637798727			Brain_Hypothalamus
	-0.470778769	-0.470778769	-0.470778769	NA	1
	0.998207054				
RP11-488L18.10	ENSG00000259865.1	0.63789488	10	7	0.121145225
	Brain_Spinal_cord_cervical_c-1	0.973408358			Brain_Cerebellar_Hemisphere
	4.668569621	0.019946018	0.251753429	-1.549984547	0.61800205
	-0.596515765	0.66195011	7	0	0.998207054
GAS1RR	ENSG00000226237.1	0.637917316	11	5	0.193537239
	Brain_Cerebellar_Hemisphere	0.959941717			Brain_Anterior_cingulate_cortex_BA24
	7.928370314	0.01541049	0.350369419	-1.300185966	0.219741143
	-0.696600228	0.46354149	5	0	0.998207054
TARSL2	ENSG00000185418.15	0.637948564	8	6	0.104620908
	Brain_Cerebellar_Hemisphere	0.872967342			Brain_Nucleus_accumbens_basal_ganglia
	3.278385002	0.027569799	0.188789772	-1.075283552	1.622852647
	-0.015350658	1.090963773	6	0	0.998207054
RALGAP1	ENSG00000174373.16	0.637973487	10	1	0.342404595
	Brain_Caudate_basal_ganglia	0.999892854			Brain_Putamen_basal_ganglia
	9.356667545	0.001296384	9.356667545	-0.949424814	-0.000134288
	-0.452741917	0.271010896	1	0	0.998207054
C2CD3	ENSG00000168014.16	0.638009616	7	6	0.273921702
	Brain_Cortex	3.364328081			Brain_Cerebellum
	0.81646577	0.102863133	0.23608335		
	-1.094075874	0.771211029	-0.310184655	0.636024382	6
	0.998207054				0
ADGRL3	ENSG00000150471.16	0.638052347	1	1	0.638052347
	Brain_Hippocampus	0.638052347			Brain_Hippocampus
	-0.470423683	-0.470423683	-0.470423683	NA	1
	0.998207054				
C2orf73	ENSG00000177994.15	0.638108335	1	1	0.638108335
	Brain_Nucleus_accumbens_basal_ganglia	0.638108335			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.470345304
	0.470345304	0.470345304	NA	1	0
	0.998207054				
THBS3	ENSG00000169231.13	0.638134702	8	7	0.216415784
	Brain_Anterior_cingulate_cortex_BA24	0.959551885			Brain_Cortex
	4.374364057	0.035663281	0.159737193	-1.236115097	0.895705158
	0.209906074	0.695725761	7	0	0.998207054
FAM167A	ENSG00000154319.14	0.638267465	6	6	0.212111938
	Brain_Caudate_basal_ganglia	0.98749197			Brain_Cortex
					3.078718516

	0.123068431	0.123068431	-1.247779173	0.641379073	-0.074067179
	0.735036484	6	0	0.998207054	
OXSRI	ENSG00000172939.8	0.638289803	1	1	0.638289803
	Brain_Substantia_nigra	0.638289803		Brain_Substantia_nigra	1
	1	-0.470091281	-0.470091281	-0.470091281	NA
	0.998207054			1	0
GAA	ENSG00000171298.12	0.638290854	13	9	0.235417902
	Brain_Spinal_cord_cervical_c-1	0.892126427		Brain_Cerebellar_Hemisphere	
	7.104490527	0.020358816	0.275242938	-1.186517736	0.509855916
	-0.550349999	0.510813959	9	0	0.998207054
CARM1	ENSG00000142453.11	0.638310117	3	3	0.200673008
	Brain_Anterior_cingulate_cortex_BA24	0.879235698		Brain_Substantia_nigra	
	1.73420407	0.341652057	0.341652057	0.151938175	1.279636495
	0.682214175	0.566839789	3	0	0.998207054
C16orf70	ENSG00000125149.11	0.638315969	1	1	0.638315969
	Brain_Cortex	0.638315969	Brain_Cortex	1	1
	0.470054656	0.470054656	NA	1	0
				0.998207054	0.470054656
RP11-5407.16	ENSG00000272438.1	0.638344616	1	1	0.638344616
	Brain_Putamen_basal_ganglia	0.638344616	Brain_Putamen_basal_ganglia	1	1
	1	-0.470014558	-0.470014558	-0.470014558	NA
	0.998207054			1	0
SNX21	ENSG00000124104.18	0.638433943	2	2	0.632201295
	Brain_Cerebellar_Hemisphere	1.933141646		Brain_Cerebellum	
	0.878623732	0.066858354	0.152714112	0.478630811	0.315672461
	0.066858354	0.152714112	0.478630811	0.315672461	0.230457908
	2	0	0.998207054		
COL28A1	ENSG00000215018.9	0.638459122	13	7	0.195140348
	Brain_Spinal_cord_cervical_c-1	0.780114741		Brain_Putamen_basal_ganglia	
	7.530779727	0.035709973	0.481116651	-1.29552162	1.257186936
	-0.092587766	0.819397673	7	0	0.998207054
SFTPB	ENSG00000168878.16	0.638535317	1	1	0.638535317
	Brain_Cerebellum	1	1	1	-0.469747653
	-0.469747653	NA	1	0	0.998207054
RP11-439E19.9	ENSG00000260698.1	0.638571545	2	2	0.447781827
	Brain_Putamen_basal_ganglia	0.528244553		Brain_Nucleus_accumbens_basal_ganglia	
	1.087585619	0.912414381	0.912414381	0.630687991	0.759118243
	0.694903117	0.090813903	2	0	0.998207054
SLC9A2	ENSG00000115616.2	0.638730619	3	3	0.425779935
	Brain_Hippocampus	0.712754891		Brain_Cortex	1.525738505
	0.504489579	0.504489579	-0.796433806	0.549636723	0.040453878
	0.730424064	3	0	0.998207054	
RP5-1028K7.2	ENSG00000266088.5	0.638760192	2	2	0.397616344
	Brain_Substantia_nigra	0.834768123		Brain_Spinal_cord_cervical_c-1	
	1.241390535	0.758609465	0.758609465	0.208590249	0.845885999
	0.527238124	0.450636146	2	0	0.998207054
AC009495.4	ENSG00000229195.1	0.638778388	2	2	0.346082607
	Brain_Cerebellum	0.947759108		Brain_Cerebellar_Hemisphere	1.028993681
	0.971006319	0.971006319	-0.942214938	0.065521098	-0.43834692
	0.712576985	2	0	0.998207054	
SLC2A8	ENSG00000136856.17	0.638786602	13	3	0.253282019
	Brain_Hypothalamus	0.823661091		Brain_Cerebellar_Hemisphere	10.7710738
	0.000371061	0.869365081	-0.495379799	1.142413892	-0.25546477
	0.427365	3	0	0.998207054	
TADA3	ENSG00000171148.13	0.638789639	1	1	0.638789639
	Brain_Cerebellum	1	1	1	-0.469391758
	-0.469391758	NA	1	0	0.998207054
DSTN	ENSG00000125868.15	0.638914035	3	3	0.281136163
	Brain_Hippocampus	0.799977371		Brain_Hypothalamus	1.131040965
	0.843791751	0.843791751	-1.077770555	0.253376389	-0.443098772
	0.667722091	3	0	0.998207054	
LINC00222	ENSG00000203801.8	0.638923906	1	1	0.638923906
	Brain_Substantia_nigra	0.638923906		Brain_Substantia_nigra	1
	1	-0.469203888	-0.469203888	-0.469203888	NA
				1	0

	0.998207054								
LUZP1	ENSG00000169641.13	0.639061785	2	2	0.348507202		Brain_Cortex		
	0.549992578	Brain_Nucleus_accumbens_basal_ganglia			1.520173374				
	0.479826626	0.479826626		0.597771247	0.937488762		0.767630005		
	0.240216558	2	0	0.998207054					
MXD4	ENSG00000123933.16	0.63907666	1	1	0.63907666	Brain_Cerebellum	0.63907666		
	Brain_Cerebellum	1	1	0.468990174	0.468990174		0.468990174		
	NA	1	0	0.998207054					
ZDHC8	ENSG00000099904.15	0.639128323	1	1	0.639128323				
	Brain_Nucleus_accumbens_basal_ganglia				0.639128323				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.468917897				
	-0.468917897	-0.468917897	NA	1	0	0.998207054			
RORB	ENSG00000198963.10	0.639154819	1	1	0.639154819	Brain_Cerebellum			
	0.639154819	Brain_Cerebellum	1	1	-0.468880831	-0.468880831			
	-0.468880831	NA	1	0	0.998207054				
CXCL12	ENSG00000107562.16	0.639221765	1	1	0.639221765				
	Brain_Cerebellum	0.639221765	Brain_Cerebellum	1	1	1	-0.46878718		
	-0.46878718	-0.46878718	NA	1	0	0.998207054			
MCIDAS	ENSG00000234602.7	0.639280822	2	2	0.482511248				
	Brain_Putamen_basal_ganglia	0.550767171	Brain_Nucleus_accumbens_basal_ganglia						
	1.051680335	0.948319665	0.948319665	-0.70226928	-0.596610932				
	-0.649440106	0.074711734	2	0	0.998207054				
FAM167B	ENSG00000183615.5	0.639292838	1	1	0.639292838				
	Brain_Cerebellar_Hemisphere	0.639292838	Brain_Cerebellar_Hemisphere	1	1				
	1	0.468687758	0.468687758	0.468687758	NA	1	0		
	0.998207054								
RP11-250B2.3	ENSG00000233967.6	0.639352243	5	4	0.240562991				
	Brain_Anterior_cingulate_cortex_BA24	0.985238648	Brain_Cerebellar_Hemisphere						
	3.301664572	0.097348168	0.366956172	-1.17358076	0.018501666				
	-0.525106134	0.479323494	4	0	0.998207054				
AGRN	ENSG00000188157.14	0.639639916	1	1	0.639639916				
	Brain_Hippocampus	0.639639916	Brain_Hippocampus	1	1	1			
	-0.468202316	-0.468202316	-0.468202316	NA	1	0	0.998207054		
RP11-622C24.2	ENSG00000277152.1	0.639654139	2	2	0.546347811				
	Brain_Cerebellar_Hemisphere	0.920366987	Brain_Cerebellum	1.698131059					
	0.301868941	0.301868941	-0.603241849	0.099971456	-0.251635196				
	0.497246897	2	0	0.998207054					
G3BP2	ENSG00000138757.14	0.639772972	9	4	0.165546513				
	Brain_Nucleus_accumbens_basal_ganglia	0.881227523							
	Brain_Spinal_cord_cervical_c-1	7.467044822	0.011247478	0.249886959					
	0.149413293	1.386656557	0.910348333	0.386299025	4	0			
	0.998207054								
TPBG	ENSG00000146242.8	0.639904404	3	3	0.289896352	Brain_Cortex			
	0.59186021	Brain_Cerebellum	1.207620884	0.783820519	0.783820519				
	-1.058349021	0.678885665	-0.305201884	0.89134516	3	0			
	0.998207054								
UBAP2	ENSG00000137073.21	0.639975549	2	2	0.410280166				
	Brain_Caudate_basal_ganglia	0.416658157	Brain_Cortex	1.498721482					
	0.501278518	0.501278518	0.812232635	0.823400699	0.817816667				
	0.007897014	2	0	0.998207054					
MCM3AP	ENSG00000160294.10	0.640004734	8	5	0.254953298				
	Brain_Caudate_basal_ganglia	0.907085266	Brain_Cerebellar_Hemisphere						
	5.459210439	0.076540372	0.251513594	-0.874221866	1.138400469				
	0.024307226	0.682082372	5	0	0.998207054				
SLC16A7	ENSG00000118596.11	0.640481529	2	1	0.557135011				
	Brain_Cerebellar_Hemisphere	0.730611502	Brain_Cerebellum	1.988724072					
	0.011275928	1.988724072	0.344312211	0.587102288	0.465707249				
	0.17167851	1	0	0.998207054					
ZNF136	ENSG00000196646.11	0.640553167	2	2	0.444155779				
	Brain_Putamen_basal_ganglia	0.585187332	Brain_Hippocampus	1.008777419					
	0.991222581	0.991222581	0.545823406	0.765194426	0.655508916				
	0.155118735	2	0	0.998207054					

RNF19A	ENSG00000034677.12	0.640557081	4	3	0.186169121	
	Brain_Cerebellum	0.917162665			Brain_Anterior_cingulate_cortex_BA24	
	2.006527667	0.013070327			0.955527276	-1.321997086 0.104008423
	-0.656503108	0.738571726	3	0	0.998207054	
GSTCD	ENSG00000138780.14	0.640565069	3	2	0.422261456	Brain_Cortex
	0.791808287	Brain_Cerebellum	2.171130001		0.048528024	0.780341975
	-0.802504034	0.263963185	-0.405503021		0.583108947	2 0
	0.998207054					
GGH	ENSG00000137563.11	0.640597863	11	3	0.22672709	Brain_Amygdala
	0.979008407	Brain_Cerebellum	9.19839304	0.003437766	0.529237229	
	-0.026312096	1.208832794	0.485763521		0.347897176	3 0
	0.998207054					
ALKBH7	ENSG00000125652.7	0.640650666	1	1	0.640650666	
	Brain_Cerebellum	0.640650666			Brain_Cerebellum	1 1 1 -0.466789253
	-0.466789253	-0.466789253	NA	1	0	0.998207054
MSH2	ENSG00000095002.13	0.640657643	3	2	0.364623409	
	Brain_Spinal_cord_cervical_c-1	0.444052909			Brain_Hippocampus	
	2.402009031	0.077047759	0.52094321	0.765367216	0.906590459	
	0.83392323	0.070701327	2	0	0.998207054	
OR8S1	ENSG00000197376.2	0.640659855	1	1	0.640659855	
	Brain_Anterior_cingulate_cortex_BA24	0.640659855				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.46677641	0.46677641
	0.46677641	NA	1	0	0.998207054	
MRPS33	ENSG00000090263.15	0.640725082	4	4	0.247968612	
	Brain_Substantia_nigra	0.992296312			Brain_Frontal_Cortex_BA9	
	2.341619984	0.27218012	0.27218012	-1.155297518	-0.009655291	
	-0.526426776	0.496990196	4	0	0.998207054	
LINC02080	ENSG00000267065.2	0.640999563	10	4	0.199834179	
	Brain_Cerebellar_Hemisphere	0.83995913			Brain_Anterior_cingulate_cortex_BA24	
	7.864204693	0.019370818	0.302633442	-1.282024138	-0.201945757	
	-0.903333874	0.359672859	4	0	0.998207054	
RPL26	ENSG00000161970.12	0.641018512	1	1	0.641018512	
	Brain_Caudate_basal_ganglia	0.641018512			Brain_Caudate_basal_ganglia	1 1
	1	0.466275222	0.466275222	0.466275222	NA	1 0
	0.998207054					
NATD1	ENSG00000274180.1	0.641154693	4	4	0.293075214	
	Brain_Cerebellar_Hemisphere	0.940916183			Brain_Spinal_cord_cervical_c-1	
	1.612879201	0.452795256	0.452795256	-1.05139935	0.516884625	
	-0.376030015	0.733577178	4	0	0.998207054	
CCAR2	ENSG00000158941.16	0.641213741	1	1	0.641213741	Brain_Cerebellum
	0.641213741	Brain_Cerebellum	1	1	0.466002458	0.466002458
	0.466002458	NA	1	0	0.998207054	
LRCH3	ENSG00000186001.12	0.641246141	1	1	0.641246141	
	Brain_Putamen_basal_ganglia	0.641246141			Brain_Putamen_basal_ganglia	1 1
	1	0.465957194	0.465957194	0.465957194	NA	1 0
	0.998207054					
RP11-563K23.1	ENSG00000272619.1	0.641275797	4	4	0.248188504	
	Brain_Cortex	0.936974361			Brain_Frontal_Cortex_BA9	1.28921342
	0.783471923	0.783471923	-0.914258234	1.154760532	-0.109288581	
	0.94876353	4	0	0.998207054		
RP11-74E22.8	ENSG00000277200.1	0.641283256	2	2	0.348138291	
	Brain_Cerebellar_Hemisphere	0.496696713			Brain_Cerebellum	1.650554001
	0.349445999	0.349445999	0.679696405	0.938206515	0.80895146	
	0.182794252	2	0	0.998207054		
RP5-965G21.4	ENSG00000274414.1	0.641299258	5	4	0.11816477	
	Brain_Frontal_Cortex_BA9	0.467394142			Brain_Cerebellum	3.06016139
	0.016276327	0.111108564	-1.562523262	-0.726725479	-1.034542119	
	0.3391602	4	0	0.998207054		
DDIT3	ENSG00000175197.11	0.641303198	2	2	0.430930585	
	Brain_Nucleus_accumbens_basal_ganglia	0.868116108			Brain_Caudate_basal_ganglia	
	1.688006591	0.311993409	0.311993409	0.166051899	0.787600221	
	0.47682606	0.439501033	2	0	0.998207054	

PRR16	ENSG00000184838.14	0.641660851	1	1	0.641660851	Brain_Cortex
	0.641660851	Brain_Cortex	1	1	-0.46537791	-0.46537791
	-0.46537791	NA	1	0	0.998207054	
LINC01018	ENSG00000250056.5	0.641820644	2	2	0.446147285	
	Brain_Cerebellum	0.553488875	Brain_Caudate_basal_ganglia	1.052101027		
	0.947898973	0.947898973	-0.761853769	-0.592540251	-0.67719701	
	0.119722737	2	0	0.998207054		
DCAKD	ENSG00000172992.11	0.641885304	10	7	0.148192157	Brain_Cerebellum
	0.837298251	Brain_Caudate_basal_ganglia	5.013365739	0.059067374		
	0.208556153	-1.445946682	1.354090452	-0.200862098	0.864480564	
	7	0	0.998207054			
LASPI	ENSG00000002834.17	0.641944158	3	3	0.250497633	
	Brain_Cerebellar_Hemisphere	0.905141551	Brain_Cortex	1.322875782		
	0.682187973	0.682187973	0.119168892	1.149141514	0.722509334	
	0.537243201	3	0	0.998207054		
LSM8	ENSG00000128534.7	0.642024379	6	4	0.267872673	Brain_Cortex
	0.97375282	Brain_Frontal_Cortex_BA9	4.320374526	0.036470184		
	0.283674896	-0.268296101	1.107974861	0.132413933	0.502041134	
	4	0	0.998207054			
SLCO1A2	ENSG00000084453.16	0.642124528	3	3	0.254420469	
	Brain_Frontal_Cortex_BA9	0.312892553	Brain_Cerebellum	2.324239737		
	0.119919904	0.119919904	-1.139678016	-1.009171165	-1.094682596	
	0.074088933	3	0	0.998207054		
PHOSPHO2	ENSG00000144362.11	0.642190125	9	3	0.373504212	
	Brain_Anterior_cingulate_cortex_BA24	0.960370801	Brain_Hypothalamus			
	7.947068385	0.004973541	0.300744445	-0.889928625	0.10136709	
	-0.372056235	0.325107912	3	0	0.998207054	
PTS	ENSG00000150787.7	0.642244191	1	1	0.642244191	Brain_Cortex
	0.642244191	Brain_Cortex	1	1	0.46456334	0.46456334
	NA	1	0	0.998207054	0.46456334	0.46456334
GFY	ENSG00000261949.5	0.642246042	1	1	0.642246042	
	Brain_Cerebellar_Hemisphere	0.642246042	Brain_Cerebellar_Hemisphere	1	1	
	1	-0.464560755	-0.464560755	-0.464560755	NA	1
	0.998207054				0	
CD14	ENSG00000170458.13	0.642373776	1	1	0.642373776	Brain_Cerebellum
	0.642373776	Brain_Cerebellum	1	1	-0.46438243	-0.46438243
	-0.46438243	NA	1	0	0.998207054	
VPS4A	ENSG00000132612.15	0.64243329	7	2	0.251548578	
	Brain_Caudate_basal_ganglia	0.490509199	Brain_Anterior_cingulate_cortex_BA24			
	6.335576519	0.005008926	0.265193866	-1.146596127	-0.689499165	
	-0.901217144	0.193262021	2	0	0.998207054	
PITHD1	ENSG00000057757.9	0.642476423	1	1	0.642476423	
	Brain_Spinal_cord_cervical_c-1	0.642476423	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.464239138	0.464239138	NA
	0.998207054				1	0
PPM1N	ENSG00000213889.10	0.642480144	3	3	0.19869169	Brain_Hypothalamus
	0.82706325	Brain_Anterior_cingulate_cortex_BA24	1.178165456	0.741221553		
	0.741221553	-1.28528792	0.237214556	-0.422180985	0.781426386	
	3	0	0.998207054			
KCNH5	ENSG00000140015.19	0.642647698	1	1	0.642647698	
	Brain_Frontal_Cortex_BA9	0.642647698	Brain_Frontal_Cortex_BA9	1	1	
	1	-0.464000067	-0.464000067	-0.464000067	NA	1
	0.998207054				0	
EID2	ENSG00000176396.10	0.642773757	1	1	0.642773757	Brain_Amygdala
	0.642773757	Brain_Amygdala	1	1	0.463824126	0.463824126
	0.463824126	NA	1	0	0.998207054	
RP11-867G23.3	ENSG00000245156.1	0.642797567	2	2	0.35270492	
	Brain_Hypothalamus	0.82155862	Brain_Caudate_basal_ganglia	1.090574375		
	0.909425625	0.909425625	-0.22554076	0.929355425	0.351907332	
	0.816634924	2	0	0.998207054		
ZP1	ENSG00000149506.11	0.64285751	2	2	0.34869036	Brain_Cerebellar_Hemisphere
	0.454523588	Brain_Cerebellum	1.840711268	0.159288732	0.159288732	

	0.747894844	0.937132589	0.842513716	0.133811293	2	0
	0.998207054					
RAB40B	ENSG00000141542.10	0.643071489	2	2	0.413287828	
	Brain_Hippocampus	0.604654878		Brain_Cerebellar_Hemisphere	1.069150766	
	0.930849234	0.930849234	-0.818121475	-0.517718229	-0.667919852	
	0.212417173	2	0	0.998207054		
GUK1	ENSG00000143774.16	0.643187024	4	3	0.585626191	Brain_Cortex
	0.763377755	Brain_Putamen_basal_ganglia	3.552206764	0.048846041		
	0.167053528	-0.301048181	0.545185139	0.237360292	0.370740898	
	3	0	0.998207054			
CAPN7	ENSG00000131375.9	0.643208294	1	1	0.643208294	Brain_Amygdala
	0.643208294	Brain_Amygdala	1	1	1	-0.46321775
	-0.46321775	NA	1	0	0.998207054	
ADPRH	ENSG00000144843.11	0.643291568	4	4	0.140032431	
	Brain_Cerebellar_Hemisphere	0.98702304	Brain_Hippocampus	1.636482367		
	0.455752093	0.455752093	-1.47567027	0.016264925	-0.557113466	
	0.641916713	4	0	0.998207054		
TAGLN	ENSG00000149591.16	0.643370351	2	2	0.380294891	Brain_Cerebellum
	0.926687316	Brain_Frontal_Cortex_BA9	1.263606464	0.736393536		
	0.736393536	-0.877353078	0.092013497	-0.392669791	0.685445679	
	2	0	0.998207054			
ITGAD	ENSG00000156886.11	0.643430054	2	2	0.391587135	
	Brain_Spinal_cord_cervical_c-1	0.651928896		Brain_Cortex	1.079068873	
	0.920931127	0.920931127	-0.856742636	-0.451084157	-0.653913396	
	0.286843861	2	0	0.998207054		
JAK3	ENSG00000105639.18	0.643437574	4	4	0.261756774	
	Brain_Spinal_cord_cervical_c-1	0.924176433		Brain_Cerebellar_Hemisphere		
	1.311958855	0.713896317	0.713896317	-0.996959729	1.122248553	
	0.013395204	0.873605672	4	0	0.998207054	
ABHD13	ENSG00000139826.5	0.643518735	1	1	0.643518735	
	Brain_Cerebellum	0.643518735	Brain_Cerebellum	1	1	-0.462784651
	-0.462784651	-0.462784651	NA	1	0	0.998207054
IFT80	ENSG00000068885.14	0.64353376	4	4	0.136256184	Brain_Hippocampus
	0.243654888	Brain_Frontal_Cortex_BA9	3.096145714	0.111866013		
	0.111866013	-1.489878504	-1.165899978	-1.378841533	0.144776542	
	4	0	0.998207054			
CLHC1	ENSG00000162994.15	0.64356924	13	8	0.269250578	
	Brain_Putamen_basal_ganglia	0.918556462		Brain_Hypothalamus	7.790626073	
	0.015786805	0.269739351	-0.730558832	1.104790037	0.447449537	
	0.603638406	8	0	0.998207054		
C10orf76	ENSG00000120029.12	0.643607296	1	1	0.643607296	
	Brain_Hypothalamus	0.643607296	Brain_Hypothalamus	1	1	1
	-0.462661113	-0.462661113	-0.462661113	NA	1	0
					0.998207054	
USP32	ENSG00000170832.12	0.643646646	1	1	0.643646646	Brain_Cortex
	0.643646646	Brain_Cortex	1	1	1	0.462606224
	0.462606224	NA	1	0	0.998207054	
TOMM7	ENSG00000196683.10	0.643706734	12	1	0.342504031	
	Brain_Substantia_nigra	0.795732421		Brain_Putamen_basal_ganglia		
	11.06501433	4.12E-05	11.06501433	-0.949229245	0.666113739	
	0.428785774	0.447613849	1	0	0.998207054	
ADORA2B	ENSG00000170425.3	0.643748781	9	3	0.373777455	
	Brain_Hypothalamus	0.978570414		Brain_Frontal_Cortex_BA9	8.030400791	
	0.006160105	0.309163308	-0.889419897	-0.026861233	-0.315896083	
	0.27403973	3	0	0.998207054		
C21orf58	ENSG00000160298.17	0.644017225	2	2	0.34904065	Brain_Cerebellum
	0.385278542	Brain_Cerebellar_Hemisphere	1.901299151	0.098700849		
	0.098700849	-0.936451737	-0.868211532	-0.902331635	0.048253112	
	2	0	0.998207054			
SIX4	ENSG00000100625.8	0.644030357	1	1	0.644030357	
	Brain_Cerebellar_Hemisphere	0.644030357		Brain_Cerebellar_Hemisphere	1	1
	1	-0.462071069	-0.462071069	-0.462071069	NA	1
	0.998207054				0	

ALDH9A1	ENSG00000143149.12	0.644152571	4	4	0.165721481				
	Brain_Nucleus_accumbens_basal_ganglia	0.97373697				Brain_Frontal_Cortex_BA9			
	1.872537756	0.243034003	0.243034003	0.032921773	1.386083261				
	0.825014578	0.664642988	4	0	0.998207054				
LMF1	ENSG00000103227.18	0.644289507	12	4	0.212950856				
	Brain_Spinal_cord_cervical_c-1	0.883112309				Brain_Hippocampus			
	8.646019842	0.002022722	0.298669791	-1.245492267	1.071200911				
	0.213300515	0.828572944	4	0	0.998207054				
RAG1	ENSG00000166349.9	0.644308906	2	2	0.378829332				
	Brain_Caudate_basal_ganglia	0.734110737				Brain_Substantia_nigra			
	1.018419998	0.981580002	0.981580002	-0.339662458	0.880055338				
	0.609858898	0.382115472	0	0.998207054					
CSK	ENSG00000103653.16	0.644324822	2	2	0.421655058				
	Brain_Caudate_basal_ganglia	0.63590012				Brain_Cerebellum	1.012007046		
	0.987992954	0.987992954	-0.803553204	-0.473438848	-0.638496026				
	0.2334261	2	0	0.998207054					
PRDM1	ENSG00000057657.15	0.644347101	2	2	0.406144516				
	Brain_Frontal_Cortex_BA9	0.638288401				Brain_Cerebellum	1.043074431		
	0.956925569	0.956925569	-0.83069754	0.470093244	-0.180302148				
	0.919797984	2	0	0.998207054					
RP11-202K23.1	ENSG00000233359.1	0.644361385			1	1	0.644361385		
	Brain_Spinal_cord_cervical_c-1	0.644361385				Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.461609495	0.461609495	0.461609495	NA	1	0
	0.998207054								
MAP3K5	ENSG00000197442.9	0.644472584	2	2	0.348574489				
	Brain_Cerebellum	0.487729332				Brain_Cerebellar_Hemisphere	1.738513667		
	0.261486333	0.261486333	0.69392486	0.9373579	0.81564138	0.172133153			
	2	0	0.998207054						
CPNE3	ENSG00000085719.12	0.644540016	10	7	0.064906086				
	Brain_Nucleus_accumbens_basal_ganglia	0.962008109				Brain_Caudate_basal_ganglia			
	5.190699236	0.014862059	0.255414136	-1.845904408	0.560627337				
	-0.66199768	0.82138548	7	0	0.998207054				
CARHSP1	ENSG00000153048.10	0.644584265	2	2	0.453109788				
	Brain_Substantia_nigra	0.659751481				Brain_Frontal_Cortex_BA9			
	1.152980046	0.847019954	0.847019954	-0.440256309	0.750240637				
	0.154992164	0.841808464	2	0	0.998207054				
CTHRC1	ENSG00000164932.12	0.644650828	2	2	0.49357372				
	Brain_Anterior_cingulate_cortex_BA24	0.760003045							
	Brain_Nucleus_accumbens_basal_ganglia	1.407313314				0.592686686			
	0.592686686	-0.68463588	0.30547679	-0.189579545	0.700115383				2
	0	0.998207054							
C18orf25	ENSG00000152242.10	0.644679108	1	1	0.644679108				
	Brain_Cerebellum	0.644679108				Brain_Cerebellum	1	1	1
	0.461166564	0.461166564	NA	1	0	0.998207054			
DNAH9	ENSG00000007174.17	0.644742802	4	4	0.301635567				
	Brain_Hypothalamus	0.883547183				Brain_Caudate_basal_ganglia	2.304635616		
	0.239205223	0.239205223	-0.334644325	1.032932332	0.317823529				
	0.661814469	4	0	0.998207054					
BCL2L15	ENSG00000188761.11	0.64502831	3	3	0.443771973				
	Brain_Spinal_cord_cervical_c-1	0.845030473				Brain_Cerebellar_Hemisphere			
	1.731139486	0.288520571	0.288520571	-0.765839223	0.580230295				
	-0.127023988	0.675639485	3	0	0.998207054				
SLC30A9	ENSG00000014824.13	0.64503814	10	7	0.078929652				
	Brain_Hippocampus	6.937925909				Brain_Cerebellum			
	0.785611775	Brain_Hippocampus	0.021341038						
	0.272405034	0.272013323	1.756930525	1.292670891	0.470128099				
	7	0	0.998207054						
MED8	ENSG00000159479.16	0.645055481	4	3	0.273053995				
	Brain_Hippocampus	0.556590873				Brain_Spinal_cord_cervical_c-1			
	2.748657185	0.012694912	0.269804844	0.587912728	1.096056625				
	0.79660673	0.215392384	3	0	0.998207054				
SETD9	ENSG00000155542.11	0.645344042	13	2	0.122985335				
	Brain_Nucleus_accumbens_basal_ganglia	0.728530188							

	Brain_Spinal_cord_cervical_c-1	11.56589815	0.00282168	0.471601436		
	-1.542363297	-0.347081371	-0.743261439	0.339863791	2	0
	0.998207054					
DCAF13	ENSG00000164934.13	0.645404614	1	1	0.645404614	
	Brain_Caudate_basal_ganglia	0.645404614	Brain_Caudate_basal_ganglia	1	1	
	1	-0.460155494	-0.460155494	-0.460155494	NA	1 0
	0.998207054					
ITGA11	ENSG00000137809.16	0.645424567	1	1	0.645424567	
	Brain_Frontal_Cortex_BA9	0.645424567	Brain_Frontal_Cortex_BA9	1	1	
	1	-0.460127693	-0.460127693	-0.460127693	NA	1 0
	0.998207054					
DCTN3	ENSG00000137100.15	0.645752915	1	1	0.645752915	Brain_Amygdala
	0.645752915	Brain_Amygdala	1	1	1	-0.459670266
	-0.459670266	NA	1	0	0.998207054	-0.459670266
	0.998207054					
PFN4	ENSG00000176732.6	0.645808407	4	4	0.430280464	
	Brain_Cerebellar_Hemisphere	0.684116856	Brain_Caudate_basal_ganglia	2.38794623		
	0.114418379	0.114418379	-0.732183869	0.788711809	0.091644215	
	0.775465422	4	0	0.998207054		
CCDC74B	ENSG00000152076.18	0.645939575	7	3	0.280379848	
	Brain_Cortex	0.976140228	Brain_Hippocampus	5.727317957		
	0.013940603	0.223240384	-1.079466438	0.769222268	-0.212863231	
	0.558061052	3	0	0.998207054		
DDRGK1	ENSG00000198171.12	0.646118776	1	1	0.646118776	
	Brain_Cerebellum	0.646118776	Brain_Cerebellum	1	1	0.459160692
	0.459160692	0.459160692	NA	1	0	0.998207054
	0.998207054					
PDIA2	ENSG00000185615.15	0.646126709	2	2	0.439143322	Brain_Cerebellum
	0.878229485	Brain_Spinal_cord_cervical_c-1	1.417800284	0.582199716		
	0.582199716	0.153214041	0.773640657	0.463427349	0.438707867	
	2	0	0.998207054			
ZNF738	ENSG00000172687.13	0.646187144	11	1	0.460703207	
	Brain_Caudate_basal_ganglia	0.951620912	Brain_Cerebellar_Hemisphere			
	10.04209839	0.000439897	10.04209839	-0.737689414	-0.060671396	
	-0.435270844	0.200810538	1	0	0.998207054	
CCDC144A	ENSG00000170160.17	0.646247698	1	1	0.646247698	
	Brain_Cerebellar_Hemisphere	0.646247698	Brain_Cerebellar_Hemisphere	1	1	
	1	-0.458981156	-0.458981156	-0.458981156	NA	1 0
	0.998207054					
GABBR1	ENSG00000204681.10	0.646270193	8	7	0.100994487	
	Brain_Cerebellar_Hemisphere	0.823022859	Brain_Cortex	4.520677313		
	0.14883043	0.269097806	-0.634052568	1.640051368	0.830306999	
	0.720059238	7	0	0.998207054		
CRNN	ENSG00000143536.7	0.646301562	2	2	0.356194312	
	Brain_Anterior_cingulate_cortex_BA24	0.853937445	Brain_Frontal_Cortex_BA9			
	1.039956705	0.960043295	0.960043295	-0.92264102	-0.184096891	
	-0.553368955	0.522229561	2	0	0.998207054	
USP48	ENSG00000090686.15	0.646605073	3	3	0.270600342	
	Brain_Nucleus_accumbens_basal_ganglia	0.563348726	Brain_Caudate_basal_ganglia			
	2.436597771	0.246060439	0.246060439	-1.101681088	-0.577874687	
	-0.909189894	0.2881794	3	0	0.998207054	
ARMT1	ENSG00000146476.10	0.646905029	3	3	0.292248594	
	Brain_Hypothalamus	0.376269664	Brain_Putamen_basal_ganglia	1.848435403		
	0.414572047	0.414572047	-1.053201625	-0.884790445	-0.978775054	
	0.085892194	3	0	0.998207054		
NKX6-2	ENSG00000148826.8	0.647000681	2	2	0.367083977	
	Brain_Substantia_nigra	0.838637426	Brain_Cerebellar_Hemisphere			
	1.039425276	0.960574724	0.960574724	-0.203636681	0.901948968	
	0.349156143	0.781767109	2	0	0.998207054	
CRELD2	ENSG00000184164.14	0.647028695	2	2	0.353396734	
	Brain_Hypothalamus	0.524856144	Brain_Hippocampus	1.754188492		
	0.245811508	0.245811508	0.635877691	0.92802089	0.781949291	
	0.206576436	2	0	0.998207054		
LACTB	ENSG00000103642.11	0.647049071	12	2	0.182391413	

	Brain_Nucleus_accumbens_basal_ganglia	0.781274131					
	Brain_Anterior_cingulate_cortex_BA24	10.43032709			0.000125687		
	0.717120156	-1.333427927		-0.277659007	-0.75652752		0.285130475
	2	0	0.998207054				
GPA33	ENSG00000143167.11	0.64705897	5	3	0.185702485		Brain_Cortex
	0.502876091	Brain_Anterior_cingulate_cortex_BA24			3.812216154		
	0.036664664	0.4172206	0.669971292		1.323399718		1.035994775
	0.281536615	3	0	0.998207054			
CHRN3	ENSG00000147432.6	0.647063484		2	2	0.391370067	
	Brain_Cerebellum	0.550397585		Brain_Cerebellar_Hemisphere	1.284291803		
	0.715708197	0.715708197		0.59716446	0.857135386		0.727149923
	0.183827204	2	0	0.998207054			
SMCHD1	ENSG00000101596.14	0.647137624		1	1	0.647137624	
	Brain_Cerebellum	0.647137624		Brain_Cerebellum	1	1	0.457742258
	0.457742258	0.457742258	NA	1	0	0.998207054	
SHMT1	ENSG00000176974.19	0.647299526		9	8	0.193526462	
	Brain_Anterior_cingulate_cortex_BA24	0.947303093		Brain_Hypothalamus			
	3.762474937	0.02572162	0.175596644		-0.403426756		1.300217419
	0.280716207	0.616853328	8	0	0.998207054		
MS4A14	ENSG00000166928.10	0.647311247		12	2	0.369653221	
	Brain_Spinal_cord_cervical_c-1	0.95941422		Brain_Nucleus_accumbens_basal_ganglia			
	10.70697796	0.004935359	0.424185123		-0.897123123		-0.050888687
	-0.349550554	0.272375013	2	0	0.998207054		
PPP4R1-AS1	ENSG00000263627.1	0.647318834		13	1	0.488562981	
	Brain_Putamen_basal_ganglia	0.969924443		Brain_Hippocampus	12.32244888		
	0.001496516	12.32244888	0.037703052		0.692596224		0.442719497
	0.198570562	1	0	0.998207054			
SIPA1	ENSG00000213445.9	0.647339539		3	3	0.293814334	
	Brain_Hypothalamus	0.774579702		Brain_Cerebellar_Hemisphere	1.349752074		
	0.763137204	0.763137204	-1.04979074		0.434460264		-0.109646942
	0.81754755	3	0	0.998207054			
SLC26A8	ENSG00000112053.13	0.647508589		11	3	0.318557031	
	Brain_Hippocampus	0.981185817		Brain_Putamen_basal_ganglia	8.779122525		
	0.005572356	0.617439531	-0.056437096		0.997427537		0.343310196
	0.359642198	3	0	0.998207054			
SPDL1	ENSG00000040275.16	0.647828368		2	2	0.35197577	Brain_Hippocampus
	0.967455109	Brain_Frontal_Cortex_BA9	1.003458848		0.996541152		
	0.996541152	-0.930763778	0.040800289		-0.444981745		0.68699954
	0	0.998207054					2
GPR65	ENSG00000140030.5	0.647863944		1	1	0.647863944	
	Brain_Hypothalamus	0.647863944		Brain_Hypothalamus	1	1	1
	0.456731643	0.456731643	0.456731643	NA	1	0	0.998207054
RP11-258F22.1	ENSG00000226578.1	0.647906434		13	3	0.279109733	
	Brain_Anterior_cingulate_cortex_BA24	0.787404953		Brain_Cortex			
	10.06136709	0.008107662	0.780677301		-1.082321416		0.653478555
	-0.469553131	0.480504681	3	0	0.998207054		
ZNF554	ENSG00000172006.11	0.647928839		9	8	0.054188147	
	Brain_Cortex	0.863266024		Brain_Cerebellum	3.626746776		0.061885807
	0.171009569	-0.172218157	1.925329521		0.798273175		0.666912384
	8	0	0.998207054				
PKIA	ENSG00000171033.12	0.647938755		2	2	0.35758002	Brain_Cortex
	0.993414303	Brain_Hypothalamus	1.148795699		0.851204301		
	0.851204301	-0.00825404	0.919986106		0.455866033		0.656364902
	2	0	0.998207054				
RP11-521C20.5	ENSG00000275636.1	0.648043611		8	3	0.173473268	
	Brain_Cortex	0.349396398		Brain_Caudate_basal_ganglia	7.322797879		
	3.41E-09	0.303835557	0.935760724		1.361127919		1.199441638
	0.132601335	3	0	0.998207054			
ARHGFP19	ENSG00000142632.16	0.648048124		13	1	0.324017665	
	Brain_Substantia_nigra	0.928344465		Brain_Cerebellar_Hemisphere			
	11.86793333	-0.002021344	11.86793333		-0.312592028		0.986235292
	0.430394122	0.344419839	1	0	0.998207054		

RBBP8	ENSG00000101773.18	0.648111936	3	3	0.399449486	Brain_Cortex
	0.996558114	Brain_Cerebellar_Hemisphere	2.044720893	0.104099565		
	0.104099565	-0.388547249	0.842604836	0.152790455	0.628862351	
	3	0	0.998207054			
OSGEP	ENSG00000092094.10	0.648119796	13	1	0.425003298	Brain_Cerebellum
	0.762317273	Brain_Frontal_Cortex_BA9	12.31922635	0.000266699		
	12.31922635	-0.302439203	0.797771163	0.435124621	0.257244913	
	1	0	0.998207054			
LBH	ENSG00000213626.11	0.648280873	2	2	0.505247337	
	Brain_Substantia_nigra	0.51431626	Brain_Putamen_basal_ganglia	1.002666053		
	0.997333947	-0.997333947	-0.652131631	0.66625623	0.0070623	
	0.932240997	2	0	0.998207054		
FLNC	ENSG00000128591.15	0.648416829	2	2	0.692287879	Brain_Cerebellum
	0.716230984	Brain_Substantia_nigra	1.667218574	0.332781426		
	0.332781426	-0.395752151	0.363500574	-0.016125788	0.536872751	
	2	0	0.998207054			
RP11-706J10.2	ENSG00000270866.1	0.64847137	2	2	0.35283652	
	Brain_Nucleus_accumbens_basal_ganglia	0.830968528	Brain_Cortex	1.17122967		
	0.82877033	0.82877033	-0.213459561	0.929101438	0.357820938	0.80791263
	2	0	0.998207054			
NAT8	ENSG00000144035.3	0.648722343	4	1	0.499135404	
	Brain_Spinal_cord_cervical_c-1	0.774231618	Brain_Cerebellar_Hemisphere			
	3.878330444	0.011878395	3.878330444	0.2868442	0.675850759	
	0.449625807	0.173230804	1	0	0.998207054	
PRSS22	ENSG00000005001.9	0.648842641	4	3	0.304375582	
	Brain_Cerebellum	0.969752032	Brain_Frontal_Cortex_BA9	2.556771706		
	0.057211692	0.308079589	-1.027095321	0.330365635	-0.380768756	
	0.634344904	3	0	0.998207054		
SOST	ENSG00000167941.2	0.6489646	2	2	0.39796639	Brain_Cortex
	0.678446203	Brain_Frontal_Cortex_BA9	1.032071635	0.967928365		
	0.967928365	-0.845258744	-0.414584356	-0.62992155	0.304532781	
	2	0	0.998207054			
API5	ENSG00000166181.12	0.648971593	1	1	0.648971593	
	Brain_Cerebellar_Hemisphere	0.648971593	Brain_Cerebellar_Hemisphere	1	1	
	1	0.455191336	0.455191336	0.455191336	NA	1
	0.998207054					
CCT4	ENSG00000115484.14	0.649171067	1	1	0.649171067	
	Brain_Cerebellar_Hemisphere	0.649171067	Brain_Cerebellar_Hemisphere	1	1	
	1	-0.45491406	-0.45491406	-0.45491406	NA	1
	0.998207054					
SNX2	ENSG00000205302.6	0.649194353	2	2	0.35634859	Brain_Cerebellum
	0.984710114	Brain_Cortex	1.103703815	0.896296185	0.896296185	
	-0.922345113	-0.019164203	-0.470754658	0.638645346	2	0
	0.998207054					
SRL	ENSG00000185739.13	0.649211645	1	1	0.649211645	Brain_Amygdala
	0.649211645	Brain_Amygdala	1	1	0.45485766	0.45485766
	NA	1	0	0.998207054	0.45485766	
RPS11	ENSG00000142534.6	0.649257568	5	2	0.581041972	Brain_Cerebellum
	0.803266185	Brain_Cerebellar_Hemisphere	4.238745656	0.000204975		
	0.723555935	-0.551863362	0.548198005	-0.212345036	0.438427371	
	2	0	0.998207054			
ZNF625	ENSG00000257591.5	0.64949209	1	1	0.64949209	
	Brain_Substantia_nigra	0.64949209	Brain_Substantia_nigra	1	1	1
	0.454467901	0.454467901	0.454467901	NA	1	0
	0.998207054					
ZMYND10	ENSG00000004838.13	0.649716179	1	1	0.649716179	
	Brain_Amygdala	0.649716179	Brain_Amygdala	1	1	1
	0.454156514	0.454156514	NA	1	0	0.998207054
TMEM99	ENSG00000167920.8	0.649765732	6	5	0.169220286	
	Brain_Amygdala	0.872231916	Brain_Hypothalamus	3.190073767		
	0.008679966	0.195279283	-0.89419514	1.374713495	0.174750641	
	0.821475679	5	0	0.998207054		
SLC27A3	ENSG00000143554.13	0.649765907	2	2	0.803359528	

	Brain_Cerebellar_Hemisphere	0.837231849			Brain_Cerebellum	1.880182426		
		0.119817574	0.119817574	-0.205435548		0.24900162	0.021783036	
		0.321335603	2	0	0.998207054			
HSD17B12	ENSG00000149084.12	0.649848903			13	1	0.384844635	
	Brain_Amygdala	0.823806899			Brain_Nucleus_accumbens_basal_ganglia			
		12.66142343	0.001659124	12.66142343	0.222651309		0.869004563	
		0.448361136	0.180157886	1	0	0.998207054		
ZNF263	ENSG0000006194.9	0.649859385			4	3	0.390546429	
	Brain_Hippocampus	0.955683079			Brain_Nucleus_accumbens_basal_ganglia			
		3.025122496	0.097559972	0.226063834	-0.858626833		0.267539863	
		-0.190982529	0.476011599	3	0	0.998207054		
RRP8	ENSG00000132275.10	0.6498726	4	4	0.132241788			
	Brain_Substantia_nigra	0.990076969			Brain_Caudate_basal_ganglia			
		1.336052353	0.797194529	0.797194529	-1.505320147		0.012436996	
		-0.570521024	0.677101702	4	0	0.998207054		
ZMYND12	ENSG00000066185.12	0.649881247			6	2	0.361462702	
	Brain_Cerebellar_Hemisphere	0.850606242			Brain_Cortex	5.40222317		
		0.034148114	0.259063253	0.188344962	0.912581473		0.541322459	
		0.293149494	2	0	0.998207054			
CRYBB1	ENSG00000100122.5	0.649915604			1	1	0.649915604	
	Brain_Cortex	0.649915604			Brain_Cortex	1	1	1
		0.453879437	0.453879437	NA	1	0	0.998207054	0.453879437
CA3	ENSG00000164879.6	0.650013459			2	2	0.531640454	
	Brain_Cerebellar_Hemisphere	0.968077261			Brain_Cerebellum	1.767190685		
		0.232809315	0.232809315	-0.625503802	-0.040019901		-0.332761852	
		0.413999637	2	0	0.998207054			
SEN8	ENSG00000166192.14	0.650034839	2	2	0.42906823			
	Brain_Anterior_cingulate_cortex_BA24	0.535226647			Brain_Frontal_Cortex_BA9			
		1.179610035	0.820389965	0.820389965	0.620047299		0.790787116	
		0.705417207	0.120731282	2	0	0.998207054		
PGM1	ENSG00000079739.15	0.650050632			3	3	0.256434111	
	Brain_Spinal_cord_cervical_c-1	0.618417534			Brain_Cerebellum	1.760120732		
		0.258204028	0.258204028	-1.134859691	0.919976161		-0.237659297	
		1.051882794	3	0	0.998207054			
LINC02018	ENSG00000272690.5	0.650131804			11	6	0.075299294	
	Brain_Substantia_nigra	0.799369758			Brain_Frontal_Cortex_BA9			
		7.426118515	0.009265697	0.269989948	-0.563621885		1.778636997	
		0.608113443	0.689635981	6	0	0.998207054		
SUN1	ENSG00000164828.17	0.650153291			3	3	0.578229895	
	Brain_Cerebellar_Hemisphere	0.932588156			Brain_Cerebellum	2.176908961		
		0.128709793	0.128709793	-0.555972149	0.084588986		-0.217091827	
		0.321896714	3	0	0.998207054			
UNC93B1	ENSG00000110057.7	0.650159687			5	4	0.434926149	
	Brain_Spinal_cord_cervical_c-1	0.901054313			Brain_Frontal_Cortex_BA9			
		2.814537169	0.023593082	0.227243615	0.124329599		0.780789774	
		0.487453226	0.300885839	4	0	0.998207054		
CASC6	ENSG00000224944.1	0.650329627			1	1	0.650329627	
	Brain_Hippocampus	0.650329627			Brain_Hippocampus	1	1	1
		-0.453304313	-0.453304313	-0.453304313	NA	1	0	0.998207054
LIN28B-AS1	ENSG00000203809.6	0.650440205			2	2	0.40982506	
	Brain_Putamen_basal_ganglia	0.452533385			Brain_Cortex	1.450783611		
		0.549216389	0.549216389	-0.824201526	-0.751198197		-0.787699862	
		0.051621149	2	0	0.998207054			
CC2D2A	ENSG00000048342.15	0.65067859			1	1	0.65067859	
	Brain_Putamen_basal_ganglia	0.65067859			Brain_Putamen_basal_ganglia	1	1	1
		-0.452819682	-0.452819682	-0.452819682	NA	1	0	0.998207054
LINC00636	ENSG00000240423.1	0.650873516			1	1	0.650873516	
	Brain_Anterior_cingulate_cortex_BA24	0.650873516						
		Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.452549019		
		-0.452549019	-0.452549019	NA	1	0	0.998207054	
TPSAB1	ENSG00000172236.16	0.650972981			3	3	0.23125904	
	Brain_Putamen_basal_ganglia	0.727524363			Brain_Anterior_cingulate_cortex_BA24			

	2.001248145	0.400878768	0.400878768	0.348420562	1.197121912
	0.642098242	0.480936369	3 0	0.998207054	
LINC01992	ENSG00000260019.1	0.651000983	1 1	0.651000983	
	Brain_Hippocampus	0.651000983	Brain_Hippocampus	1 1	1
	-0.452372044	-0.452372044	-0.452372044	NA 1 0	0.998207054
KIAA0895	ENSG00000164542.12	0.651051081	2 2	0.357565208	
	Brain_Putamen_basal_ganglia	0.936467517	Brain_Cerebellar_Hemisphere		
	1.031908886	0.968091114	0.968091114	-0.92001445	-0.079710489
	-0.499862469	0.594184629	2 0	0.998207054	
RASGEF1B	ENSG00000138670.17	0.651190689	4 4	0.293878083	
	Brain_Cerebellum	0.985417936	Brain_Cerebellar_Hemisphere	1.992843453	
	0.272706654	0.272706654	-0.018276925	1.049652124	0.388374911
	0.460115508	4 0	0.998207054		
ATOH8	ENSG00000168874.12	0.651197444	1 1	0.651197444	
	Brain_Substantia_nigra	0.651197444	Brain_Substantia_nigra	1 1	1
	1 -0.452099306	-0.452099306	-0.452099306	NA 1 0	0.998207054
ZNF223	ENSG00000178386.12	0.651520535	3 3	0.390037528	
	Brain_Cerebellum	0.500414296	Brain_Amygdala	1.510769862	0.517819323
	0.517819323	-0.783753176	0.859549309	0.249878053	0.899954059
	3 0	0.998207054			
RP11-370I10.11	ENSG00000273765.1	0.65155175	3 3	0.205116625	
	Brain_Caudate_basal_ganglia	0.856940696	Brain_Frontal_Cortex_BA9		
	1.644258253	0.609423991	0.609423991	0.180269886	1.267108141
	0.60645419	0.58011754	3 0	0.998207054	
CCNG2	ENSG00000138764.14	0.651588497	3 3	0.278148817	
	Brain_Putamen_basal_ganglia	0.835858265	Brain_Cerebellum	1.4694968	
	0.738336145	0.738336145	0.207194113	1.084487251	0.732578325
	0.46366051	3 0	0.998207054		
PCGF2	ENSG00000277258.4	0.651599261	2 2	0.367196908	Brain_Cerebellum
	0.383749485	Brain_Cerebellar_Hemisphere	1.840614335	0.159385665	
	0.159385665	-0.901736408	-0.871008549	-0.886372478	0.021727878
	2 0	0.998207054			
TAF2	ENSG00000064313.11	0.651787506	1 1	0.651787506	
	Brain_Cerebellar_Hemisphere	0.651787506	Brain_Cerebellar_Hemisphere	1 1	1
	1 0.45128035	0.45128035	0.45128035	NA 1 0	0.998207054
NKX3-1	ENSG00000167034.9	0.652025072	2 1	0.556123368	
	Brain_Putamen_basal_ganglia	0.762240461	Brain_Caudate_basal_ganglia		
	1.952597851	0.047402149	1.952597851	-0.588609338	-0.30253998
	-0.445574659	0.202281583	1 0	0.998207054	
TOMM70	ENSG00000154174.7	0.65206795	2 2	0.372672142	Brain_Cerebellum
	0.702272257	Brain_Cortex	1.156319732	0.843680268	0.843680268
	-0.891479206	0.382254963	-0.254612121	0.900666068	2 0
	0.998207054				
MYH2	ENSG00000125414.18	0.652096718	2 2	0.374424277	
	Brain_Caudate_basal_ganglia	0.689598324	Brain_Frontal_Cortex_BA9		
	1.163917437	0.836082563	0.836082563	-0.888216553	0.399400231
	-0.244408161	0.910482559	2 0	0.998207054	
FAM65A	ENSG00000039523.19	0.652176964	1 1	0.652176964	
	Brain_Cerebellum	0.652176964	Brain_Cerebellum	1 1 1	0.450739981
	0.450739981	0.450739981	NA 1 0	0.998207054	
ZSCAN29	ENSG00000140265.12	0.652205971	4 4	0.36723292	
	Brain_Anterior_cingulate_cortex_BA24	0.915323616			
	Brain_Nucleus_accumbens_basal_ganglia	2.503433839	0.142236518		
	0.142236518	-0.887021285	0.901668633	-0.102670448	0.746260986
	4 0	0.998207054			
WDR37	ENSG00000047056.14	0.652240631	2 2	0.477897832	Brain_Cerebellum
	0.846825807	Brain_Cerebellar_Hemisphere	1.466321457	0.533678543	
	0.533678543	-0.709687683	0.193170033	-0.258258825	0.638416813
	2 0	0.998207054			
RP4-535B20.4	ENSG00000272506.1	0.652256609	1 1	0.652256609	
	Brain_Anterior_cingulate_cortex_BA24	0.652256609			

	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.450629489
	-0.450629489	-0.450629489	NA	1	0
RP11-46309.9	ENSG00000270020.1	0.652329594	13	4	0.129400638
	Brain_Hypothalamus	0.846452577	Brain_Amygdala	10.63215042	
	0.001293236	0.398757822	0.193646638	1.516469652	0.922871356
	0.340524111	4	0	0.998207054	
EEF1AKMT1	ENSG00000150456.10	0.652409635	3	3	0.235071797
	Brain_Spinal_cord_cervical_c-1	0.977234765	Brain_Frontal_Cortex_BA9		
	1.281940689	0.75579386	0.75579386	-1.187395137	0.028535863
	-0.516797263	0.617568208	3	0	0.998207054
LRIG1	ENSG00000144749.13	0.652433782	3	3	0.228146226
	Brain_Hypothalamus	0.929380184	Brain_Caudate_basal_ganglia	1.250279284	
	0.754969928	0.754969928	-1.205147862	0.12365645	-0.390038701
	0.713840339	3	0	0.998207054	
SLC25A3	ENSG00000075415.12	0.652472374	3	3	0.32342171
	Brain_Nucleus_accumbens_basal_ganglia	0.774278844	Brain_Amygdala		
	2.145093534	0.261481721	0.261481721	0.286782525	0.987450761
	0.687099576	0.36087238	3	0	0.998207054
MAPK14	ENSG00000112062.10	0.652507506	6	5	0.206632888
	Brain_Hypothalamus	0.665996464	Brain_Amygdala	2.887166587	
	0.084533261	0.379695509	-0.431649104	1.262878388	0.716975026
	0.598781987	5	0	0.998207054	
IRF2BP2	ENSG00000168264.10	0.65251119	1	1	0.65251119
	Brain_Putamen_basal_ganglia	0.65251119	Brain_Putamen_basal_ganglia	1	1
	-0.45027635	-0.45027635	-0.45027635	NA	1
				0	0.998207054
LTV1	ENSG00000135521.8	0.652755058	1	1	0.652755058
	Brain_Nucleus_accumbens_basal_ganglia	0.652755058			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.449938123
	0.449938123	0.449938123	NA	1	0
				0.998207054	
CTB-16J4.1	ENSG00000283267.1	0.652807457	5	5	0.192508204
	Brain_Cortex	0.880000118	Brain_Caudate_basal_ganglia	3.017956237	
	0.188383517	0.188383517	-1.303194978	0.150969066	-0.658137014
	0.530071418	5	0	0.998207054	
TMEM252	ENSG00000181778.4	0.652842838	1	1	0.652842838
	Brain_Cerebellum	0.652842838	Brain_Cerebellum	1	1
	-0.449816391	-0.449816391	NA	1	0
				0.998207054	
ST6GAL1	ENSG00000073849.14	0.652859629	2	2	0.360263931
	Brain_Cortex	0.862632161	Brain_Cerebellar_Hemisphere	1.051857955	
	0.948142045	0.948142045	0.173024511	0.914862286	0.543943399
	0.524558521	2	0	0.998207054	
SGCG	ENSG00000102683.7	0.652867256	2	2	0.394499836
	Brain_Spinal_cord_cervical_c-1	0.826391279	Brain_Cerebellum	1.156949001	
	0.843050999	0.843050999	-0.851485282	-0.219332201	-0.535408742
	0.44699973	2	0	0.998207054	
SLC38A11	ENSG00000169507.9	0.652928819	3	3	0.357262087
	Brain_Frontal_Cortex_BA9	0.681274341	Brain_Cortex	1.649775192	
	0.356903176	0.356903176	-0.809935604	0.920594669	0.173794621
	0.889261316	3	0	0.998207054	
RAC2	ENSG00000128340.14	0.652934789	1	1	0.652934789
	Brain_Caudate_basal_ganglia	0.652934789	Brain_Caudate_basal_ganglia	1	1
	1	-0.449688882	-0.449688882	-0.449688882	NA
				1	0
				0.998207054	
RP11-626P14.2	ENSG00000257185.1	0.653174086	1	1	0.653174086
	Brain_Nucleus_accumbens_basal_ganglia	0.653174086			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.449357082
	0.449357082	0.449357082	NA	1	0
				0.998207054	
CNGB1	ENSG00000070729.13	0.6532563	1	1	0.6532563
	Brain_Anterior_cingulate_cortex_BA24	0.6532563			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.449243099
	-0.449243099	-0.449243099	NA	1	0
				0.998207054	
RP11-287D1.4	ENSG00000217702.2	0.653307924	13	1	0.44183484
	Brain_Hippocampus	0.864043456	Brain_Cerebellum	12.23101323	

	0.001574385	12.23101323	0.171229317	0.769098498	0.436141472
	0.151760612	1 0	0.998207054		
SLC27A2	ENSG00000140284.10	0.653324204	6 6	0.107276872	
	Brain_Nucleus_accumbens_basal_ganglia	0.84111308	Brain_Frontal_Cortex_BA9		
	1.734346268	0.287536534	0.287536534	-1.014632029	1.610554433
	0.382154188	0.845805862	6 0	0.998207054	
CSNK1G2	ENSG00000133275.15	0.653499409	3 3	0.369018465	
	Brain_Cerebellar_Hemisphere	0.744578056	Brain_Nucleus_accumbens_basal_ganglia		
	1.262249785	0.739666158	0.739666158	-0.889403378	0.898313448
	0.111568976	0.912909115	3 0	0.998207054	
RP11-662J14.2	ENSG00000258480.1	0.653644675	1 1	0.653644675	
	Brain_Cortex	0.653644675	Brain_Cortex	1 1 1	0.448704726
	0.448704726	0.448704726	NA 1 0	0.998207054	
PTPN7	ENSG00000143851.15	0.653795908	3 3	0.246971255	
	Brain_Putamen_basal_ganglia	0.613602064	Brain_Hypothalamus	1.684150359	
	0.315955098	0.315955098	-0.504938455	1.157737306	0.527765418
	0.901536167	3 0	0.998207054		
CDRT4	ENSG00000239704.10	0.653872256	12 3	0.206129017	
	Brain_Anterior_cingulate_cortex_BA24	0.969497251	Brain_Cerebellum		
	9.024632022	0.019457759	0.873556157	-0.197435139	1.264281472
	0.331542336	0.426662138	3 0	0.998207054	
WDR11	ENSG00000120008.15	0.653930043	11 2	0.243246815	
	Brain_Caudate_basal_ganglia	0.817669969	Brain_Putamen_basal_ganglia		
	9.358160417	0.001829607	0.775639483	-1.166909756	-0.230542852
	-0.827521511	0.264364743	2 0	0.998207054	
TIMM44	ENSG00000104980.7	0.65397455	10 1	0.373806003	
	Brain_Putamen_basal_ganglia	0.899715836	Brain_Nucleus_accumbens_basal_ganglia		
	9.498075249	0.000619809	9.498075249	-0.889366761	-0.126020325
	-0.442132033	0.277025645	1 0	0.998207054	
TRADD	ENSG00000102871.15	0.654030888	1 1	0.654030888	Brain_Cerebellum
	0.654030888	Brain_Cerebellum	1 1 1	0.448169479	0.448169479
	0.448169479	NA 1 0	0.998207054		
LARGE1	ENSG00000133424.20	0.654275459	1 1	0.654275459	
	Brain_Caudate_basal_ganglia	0.654275459	Brain_Caudate_basal_ganglia	1 1	
	1 -0.447830598	-0.447830598	-0.447830598	NA 1 0	
	0.998207054				
RP11-230C9.4	ENSG00000271265.1	0.654299853	7 4	0.225751067	
	Brain_Cerebellar_Hemisphere	0.903948191	Brain_Anterior_cingulate_cortex_BA24		
	4.494090488	1.98E-07	0.67570568	-0.406302212	1.211376696
	0.291926884	0.512300076	4 0	0.998207054	
HELZ	ENSG00000198265.11	0.654375926	2 2	0.483698886	Brain_Amygdala
	0.509199438	Brain_Cerebellum	1.092251129	0.907748871	0.907748871
	-0.66008476	0.700365804	0.020140522	0.961983819	2 0
	0.998207054				
OIT3	ENSG00000138315.12	0.654464345	2 2	0.445155279	Brain_Cerebellum
	0.613993292	Brain_Cerebellar_Hemisphere	1.92185247	0.07814753	0.07814753
	-0.763516747	-0.504381533	-0.63394914	0.183236267	2 0
	0.998207054				
ZNF675	ENSG00000197372.9	0.654524694	1 1	0.654524694	
	Brain_Hippocampus	0.654524694	Brain_Hippocampus	1 1 1	
	-0.447485307	-0.447485307	-0.447485307	NA 1 0	0.998207054
AC010729.2	ENSG00000236106.1	0.654621471	1 1	0.654621471	
	Brain_Caudate_basal_ganglia	0.654621471	Brain_Caudate_basal_ganglia	1 1	
	1 0.447351247	0.447351247	0.447351247	NA 1 0	
	0.998207054				
CHST14	ENSG00000169105.7	0.654776361	2 2	0.37321618	
	Brain_Caudate_basal_ganglia	0.945055401	Brain_Amygdala	1.324247494	
	0.675752506	0.675752506	-0.890465138	-0.068917358	-0.479691248
	0.580922006	2 0	0.998207054		
USP43	ENSG00000154914.16	0.654778899	1 1	0.654778899	Brain_Cerebellum
	0.654778899	Brain_Cerebellum	1 1 1	0.447133186	0.447133186
	0.447133186	NA 1 0	0.998207054		

SLPI	ENSG00000124107.5	0.65483518	4	3	0.245454738	Brain_Amygdala
	0.968622157	Brain_Hippocampus			2.659727087	0.050186802
	0.417329827	-0.328808088	1.161460352		0.221791319	0.650818568
	3	0	0.998207054			
STAG3	ENSG00000066923.17	0.654926525	13	3	0.125434359	
	Brain_Caudate_basal_ganglia	0.448073858			Brain_Cerebellar_Hemisphere	
	1.79106922	0.006616443	0.39843322		0.758630105	1.532357012
	1.117752084	0.250078333	3	0	0.998207054	
FLRT1	ENSG00000126500.3	0.654973845	2	2	0.38786423	
	Brain_Cerebellar_Hemisphere	0.911969904			Brain_Spinal_cord_cervical_c-1	
	1.229632966	-0.770367034	0.770367034		-0.110554155	0.863497069
	0.376471457	0.688758226	2	0	0.998207054	
MEAF6	ENSG00000163875.15	0.654986807	3	3	0.434466276	
	Brain_Cerebellar_Hemisphere	0.925614987			Brain_Caudate_basal_ganglia	2.43278865
	0.214793734	-0.214793734	-0.781571781		0.123145105	-0.188354476
	0.51395702	3	0	0.998207054		
ZNF100	ENSG00000197020.10	0.6551245	13	9	0.162570895	Brain_Cortex
	0.941655147	Brain_Substantia_nigra			6.211995852	0.019758993
	0.207705633	-0.773287292	1.396477022		0.499571352	0.696767004
	9	0	0.998207054			
LINC01503	ENSG00000233901.5	0.655193661	1	1	0.655193661	
	Brain_Caudate_basal_ganglia	0.655193661			Brain_Caudate_basal_ganglia	1
	1	0.446558782	0.446558782	0.446558782	NA	1
	0.998207054					0
MSC	ENSG00000178860.8	0.65521265	1	1	0.65521265	Brain_Frontal_Cortex_BA9
	0.65521265	Brain_Frontal_Cortex_BA9	1	1	1	-0.446532488
	-0.446532488	-0.446532488	NA	1	0	0.998207054
EIF3E	ENSG00000104408.9	0.655291399	4	4	0.345751767	
	Brain_Putamen_basal_ganglia	0.902936857			Brain_Nucleus_accumbens_basal_ganglia	
	2.589624673	0.300710603	0.300710603		-0.138735553	0.942861465
	0.226865549	0.505961343	4	0	0.998207054	
PLEKHG6	ENSG00000008323.15	0.655293582	1	1	0.655293582	
	Brain_Spinal_cord_cervical_c-1	0.655293582			Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.446420424	0.446420424	0.446420424
	0.998207054				NA	1
						0
ASL	ENSG00000126522.16	0.655306776	6	4	0.167494011	
	Brain_Caudate_basal_ganglia	0.947094133			Brain_Cerebellar_Hemisphere	
	3.353619379	0.027805771	0.328923537		-1.380300924	0.203764957
	-0.21012853	0.594435736	4	0	0.998207054	
NDUFB10	ENSG00000140990.14	0.65535878	3	3	0.224623394	
	Brain_Putamen_basal_ganglia	0.950506147			Brain_Cerebellar_Hemisphere	
	1.453297533	0.665230527	0.665230527		0.06207118	1.21432565
	0.454069405	0.658508214	3	0	0.998207054	
IDUA	ENSG00000127415.12	0.655386006	3	3	0.235114152	
	Brain_Cerebellar_Hemisphere	0.577294645			Brain_Nucleus_accumbens_basal_ganglia	
	1.89689166	0.124545876	0.124545876		-1.187287715	0.55734074
	-0.555493874	0.966686237	3	0	0.998207054	
ATP13A2	ENSG00000159363.17	0.655437943	1	1	0.655437943	
	Brain_Cerebellum	0.655437943			Brain_Cerebellum	1
	-0.446220546	-0.446220546	NA	1	0	0.998207054
LRRC63	ENSG00000173988.12	0.655501937	3	3	0.406520174	
	Brain_Anterior_cingulate_cortex_BA24	0.880097499			Brain_Caudate_basal_ganglia	
	1.787696012	0.21232559	0.21232559	-0.150845619	0.830032915	
	0.395027699	0.499749414	3	0	0.998207054	
FSHR	ENSG00000170820.11	0.6556331	1	1	0.6556331	Brain_Frontal_Cortex_BA9
	0.6556331	Brain_Frontal_Cortex_BA9	1	1	1	-0.445950365
	-0.445950365	-0.445950365	NA	1	0	0.998207054
BTN3A2	ENSG00000186470.13	0.655654045	13	1	0.239155867	
	Brain_Cerebellar_Hemisphere	0.923816601			Brain_Substantia_nigra	11.6482688
	0.014688969	11.6482688	-1.177099319		0.220760435	-0.422802436
	0.39078919	1	0	0.998207054		
LINC01649	ENSG00000228127.2	0.655748245	2	2	0.40019717	Brain_Cerebellum

	0.467584751	Brain_Cortex	1.47815512	0.52184488	0.52184488	-0.841269148
	-0.726414425	-0.783841786	0.081214554	2	0	0.998207054
LINC00539	ENSG00000224429.7	0.655829142	4	2	0.386801361	
	Brain_Putamen_basal_ganglia	0.669140955			Brain_Substantia_nigra	3.74118584
	0.009054385	0.219125751	-0.865432661		-0.427327294	-0.619404068
	0.18252882	2	0	0.998207054		
STAM2	ENSG00000115145.9	0.655832655	2	2	0.411503211	
	Brain_Spinal_cord_cervical_c-1	0.696821886			Brain_Putamen_basal_ganglia	
	1.026347494	0.973652506	0.973652506		-0.821251177	0.389614152
	-0.215818512	0.856211085	2	0	0.998207054	
APOB	ENSG00000084674.14	0.655911131	2	2	0.389396286	
	Brain_Spinal_cord_cervical_c-1	0.695574191			Brain_Hypothalamus	1.08372345
	0.91627655	0.91627655	-0.860712719	-0.39130177	-0.626007245	
	0.331923665	2	0	0.998207054		
NCOR2	ENSG00000196498.13	0.655964419	2	2	0.49259474	
	Brain_Anterior_cingulate_cortex_BA24	0.548937263			Brain_Amygdala	1.01581506
	0.98418494	0.98418494	-0.599353373	0.686187721	0.043417174	
	0.909014825	2	0	0.998207054		
MFSD3	ENSG00000167700.8	0.655987988	1	1	0.655987988	
	Brain_Caudate_basal_ganglia	0.655987988			Brain_Caudate_basal_ganglia	1
	1	0.445459132	0.445459132	0.445459132	NA	1
	0.998207054				0	
DIO3OS	ENSG00000258498.8	0.656050292	2	2	0.523689368	
	Brain_Amygdala	0.534092256			Brain_Caudate_basal_ganglia	1.059106441
	0.940893559	0.940893559	-0.637668695	0.621771307	-0.007948694	
	0.890558566	2	0	0.998207054		
TMBIM4	ENSG00000155957.17	0.656076425	3	2	0.694536374	
	Brain_Cerebellum	0.932598475			Brain_Frontal_Cortex_BA9	2.802519827
	0.039571329	0.157908843	-0.084576006	0.392706358	0.205510374	
	0.254734055	2	0	0.998207054		
RP4-669P10.16	ENSG00000232710.1	0.656166265	2	2	0.393034124	
	Brain_Cerebellar_Hemisphere	0.491921286			Brain_Cortex	1.453666212
	0.546333788	0.546333788	0.687256214	0.854127904	0.770692059	
	0.117996104	2	0	0.998207054		
ERMARD	ENSG00000130023.15	0.656226032	1	1	0.656226032	
	Brain_Cerebellum	0.656226032			Brain_Cerebellum	1
	0.445129692	0.445129692	NA	1	0	0.998207054
RALGAPB	ENSG00000170471.14	0.656306939	2	2	0.489263732	
	Brain_Frontal_Cortex_BA9	0.539383828			Brain_Spinal_cord_cervical_c-1	
	1.015039269	0.984960731	0.984960731	0.613745029	0.691480339	
	0.652612684	0.054967165	2	0	0.998207054	
IFT57	ENSG00000114446.4	0.656367164	4	4	0.278492322	Brain_Cortex
	0.865761578	Brain_Cerebellar_Hemisphere	3.03218388	0.196281314		
	0.196281314	-0.169044577	1.083712432	0.473767943	0.517441771	
	4	0	0.998207054			
RBP1	ENSG00000114115.9	0.656426957	7	7	0.130553753	Brain_Cerebellum
	0.996607754	Brain_Nucleus_accumbens_basal_ganglia	2.716600914			
	0.199937174	0.199937174	-1.511921818	1.27246244	-0.478618814	
	0.940243648	7	0	0.998207054		
TMEM135	ENSG00000166575.16	0.656446595	7	6	0.156877384	
	Brain_Cerebellum	0.820529605			Brain_Cortex	4.130438498
	0.142570492	-1.415652116	0.423908916	-0.299037751	0.645656627	
	6	0	0.998207054			
RP11-317N12.1	ENSG00000253642.5	0.656690688	1	1	0.656690688	
	Brain_Cerebellum	0.656690688			Brain_Cerebellum	1
	0.444486775	0.444486775	NA	1	0	0.998207054
NOC3L	ENSG00000173145.11	0.656812143	9	6	0.134077275	
	Brain_Hypothalamus	0.883804876			Brain_Hippocampus	6.398872018
	0.029180165	0.215182354	-1.49821548	-0.146147593	-0.593489349	
	0.461583465	6	0	0.998207054		
KIAA0930	ENSG00000100364.18	0.656954591	5	5	0.258883375	
	Brain_Cerebellum	0.970085837			Brain_Hippocampus	2.493629916

	0.196528603	0.196528603	-1.129034276	0.149062544	-0.262880185
	0.505566434	5	0	0.998207054	
GBP7	ENSG00000213512.1	0.656959701	8	4	0.189802082
	Brain_Spinal_cord_cervical_c-1	0.99019544			Brain_Putamen_basal_ganglia
	5.742553192	0.031715908	0.304745866	-0.523979235	1.31116483
	0.371417598	0.600207293	4	0	0.998207054
RSPO2	ENSG00000147655.10	0.656976831	1	1	0.656976831
	0.656976831	Brain_Cortex	1	1	0.444090948
	0.444090948	NA	1	0	0.998207054
RRN3	ENSG00000085721.12	0.657020149	8	4	0.444183705
	Brain_Cerebellar_Hemisphere	0.870321124			Brain_Putamen_basal_ganglia
	5.682378511	0.006272931	0.306542341	-0.231785053	0.765147522
	0.426424475	0.401187622	4	0	0.998207054
CYSTM1	ENSG00000120306.9	0.657033373	5	4	0.150482074
	Brain_Nucleus_accumbens_basal_ganglia	0.789128793			
	Brain_Spinal_cord_cervical_c-1	3.544683842			0.077371578
	-1.437830779	-0.267442094	-0.72563924	0.440804226	4
	0.998207054				0
RP11-1228E12.1	ENSG00000280279.1	0.657034778	1	1	0.657034778
	Brain_Cerebellum	0.657034778	Brain_Cerebellum	1	1
	0.444010796	0.444010796	NA	1	0
	0.998207054				
COBL	ENSG00000106078.17	0.657127907	1	1	0.657127907
	Brain_Cerebellar_Hemisphere	0.657127907			Brain_Cerebellar_Hemisphere
	1	0.443881989	0.443881989	0.443881989	NA
	0.998207054				1
	0.998207054				0
DPH1	ENSG00000108963.17	0.657272416	8	7	0.118119498
	0.935927806	Brain_Caudate_basal_ganglia	3.159524941	0.000196122	Brain_Cerebellum
	0.372404673	-0.249210552	1.562715623	0.737592299	0.740525894
	7	0	0.998207054		
NUP214	ENSG00000126883.16	0.65731123	1	1	0.65731123
	Brain_Caudate_basal_ganglia	0.65731123	Brain_Caudate_basal_ganglia	1	1
	0.443628454	0.443628454	0.443628454	NA	1
	0.998207054				0
C5orf63	ENSG00000164241.13	0.657317666	5	4	0.499725346
	Brain_Frontal_Cortex_BA9	0.984832353			Brain_Hypothalamus
	0.084478924	0.15933974	-0.674921963	0.179135711	3.897010242
	0.395660987	4	0	0.998207054	-0.173977757
RPA3	ENSG00000106399.11	0.657435039	9	7	0.047288459
	Brain_Anterior_cingulate_cortex_BA24	0.9062916			Brain_Cerebellum
	0.011697628	0.166940411	-1.360942884	1.983707478	4.248390995
	1.017263544	7	0	0.998207054	0.682370233
SLC29A1	ENSG00000112759.16	0.657492808	2	2	0.359796545
	Brain_Cerebellum	0.952431773			Brain_Cerebellar_Hemisphere
	0.92800081	-0.915752837	0.059653292	-0.428049773	1.07199919
	0	0.998207054			0.92800081
	0.998207054				2
BTD	ENSG00000169814.12	0.657616653	1	1	0.657616653
	Brain_Nucleus_accumbens_basal_ganglia	0.657616653			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.44320612
	0.44320612	NA	1	0	0.44320612
	0.998207054				
PCDHA4	ENSG00000204967.10	0.657654509	3	3	0.208658766
	Brain_Cerebellum	0.832332406			Brain_Spinal_cord_cervical_c-1
	0.532246279	0.532246279	0.211711128	1.257262037	1.542513734
	0.58265936	3	0	0.998207054	0.585940569
WDR35	ENSG00000118965.14	0.657714924	2	2	0.364186543
	Brain_Putamen_basal_ganglia	0.608882886			Brain_Anterior_cingulate_cortex_BA24
	1.444763933	0.555236067	0.555236067	0.511668714	0.907416583
	0.709542648	0.279836002	2	0	0.998207054
CHFR	ENSG00000072609.17	0.657868502	11	5	0.186121265
	Brain_Hippocampus	0.974537642			Brain_Cortex
	0.019063945	0.393353989	-1.322140814	0.139167879	7.696243645
	0.396303299	5	0	0.998207054	-0.214628274
HERC2	ENSG00000128731.15	0.657881523	2	2	0.482581218
	Brain_Spinal_cord_cervical_c-1	0.573264462			Brain_Cortex
					1.033202098

	0.966797902	0.966797902	0.563250291	0.702157064	0.632703678
	0.098221922	2 0	0.998207054		
CAPN1	ENSG00000014216.15	0.657956417	3 3	0.329235517	
	Brain_Putamen_basal_ganglia	0.680895237		Brain_Hippocampus	1.117852191
	0.934842429	0.934842429	-0.975654883	0.411241806	-0.414880941
	0.730532749	3 0	0.998207054		
TTC14	ENSG00000163728.10	0.658095322	6 4	0.137307144	Brain_Cortex
	0.747253395	Brain_Substantia_nigra	3.588285044	0.018236847	
	0.173702068	-0.322263087	1.485894064	0.899788644	0.665396409
	4 0	0.998207054			
ADGRD2	ENSG00000180264.11	0.658141752	2 2	0.363045963	
	Brain_Cerebellar_Hemisphere	0.99763034	Brain_Cerebellum	1.102431246	
	0.897568754	0.897568754	-0.909576373	0.002969932	-0.45330322
	0.645267681	2 0	0.998207054		
C2CD4C	ENSG00000183186.7	0.65831613	3 3	0.388278726	
	Brain_Nucleus_accumbens_basal_ganglia	0.585648993		Brain_Cerebellum	1.05939506
	0.920003382	0.920003382	-0.862743107	0.666273517	0.116227465
	0.849973612	3 0	0.998207054		
MNT	ENSG00000070444.14	0.658406687	2 2	0.370842829	Brain_Cerebellum
	0.845195202	Brain_Cortex	1.409025138	0.590974862	0.590974862
	0.195252601	0.894895731	0.545074166	0.494722402	2 0
	0.998207054				
EXOC4	ENSG00000131558.14	0.658433575	8 1	0.482702499	
	Brain_Frontal_Cortex_BA9	0.979797698		Brain_Nucleus_accumbens_basal_ganglia	
	7.50083995	0.001051049	7.50083995	-0.701962581	-0.025322537
	-0.427591946	0.214109299	1 0	0.998207054	
HMGCL	ENSG00000117305.14	0.658437633	10 5	0.262517394	Brain_Amygdala
	0.85404425	Brain_Spinal_cord_cervical_c-1	7.592136752	0.013020803	
	0.286616513	-0.726812988	1.120460927	0.25907279	0.522373734 5
	0 0.998207054				
ODF3L2	ENSG00000181781.9	0.658488476	3 3	0.337257754	
	Brain_Putamen_basal_ganglia	0.780070591		Brain_Hippocampus	1.043841974
	0.970578959	0.970578959	-0.279227043	0.959597647	0.491148484
	0.672340167	3 0	0.998207054		
MAEA	ENSG00000090316.15	0.658497284	9 6	0.5301028	
	Brain_Cerebellar_Hemisphere	0.883658395		Brain_Frontal_Cortex_BA9	
	5.538775244	0.09532092	0.236926734	-0.627849096	0.583127112
	0.052044309	0.429967197	6 0	0.998207054	
STON2	ENSG00000140022.9	0.658503096	4 4	0.120891377	
	Brain_Hypothalamus	0.90061518	Brain_Cerebellum	2.142038328	0.303505925
	0.303505925	-1.551043011	-0.124884259	-0.62622183	0.63675135 4
	0 0.998207054				
ADGRF3	ENSG00000173567.14	0.658610392	2 2	0.37147519	
	Brain_Cerebellar_Hemisphere	0.719696635		Brain_Putamen_basal_ganglia	
	1.576298267	0.423701733	0.423701733	-0.358864263	0.893713519
	0.267424628	0.885706244	2 0	0.998207054	
RGL2	ENSG00000237441.9	0.658724343	1 1	0.658724343	Brain_Cerebellum
	0.658724343	Brain_Cerebellum	1 1 1	0.441675083	0.441675083
	0.441675083	NA 1	0 0.998207054		
SLC9A3	ENSG00000066230.10	0.6587644	13 4	0.233692139	
	Brain_Hypothalamus	0.862175397		Brain_Cerebellum	10.16173865
	0.004522765	0.57130849	-0.960062817	1.190901797	0.584970381
	0.54815371 4	0 0.998207054			
SFTPA2	ENSG00000185303.16	0.658948366	3 3	0.46510017	Brain_Cerebellum
	0.577076238	Brain_Cortex	1.956827259	0.249106414	0.249106414
	-0.730474539	0.557660496	-0.28989112	0.734193641	3 0
	0.998207054				
ILVBL	ENSG00000105135.15	0.658971926	4 4	0.259519823	
	Brain_Caudate_basal_ganglia	0.775351298		Brain_Anterior_cingulate_cortex_BA24	
	1.878954267	0.136900238	0.136900238	-0.894214009	1.127526784
	-0.02601567	0.919691667	4 0	0.998207054	
FUCA1	ENSG00000179163.11	0.658980014	1 1	0.658980014	

	Brain_Hypothalamus	0.658980014		Brain_Hypothalamus	1	1	1
	-0.441321844	-0.441321844	-0.441321844	NA	1	0	0.998207054
AHRR	ENSG00000063438.16	0.659034898	7	6	0.145956606		Brain_Cortex
	0.762755953	Brain_Caudate_basal_ganglia	2.937867034		0.09757648	0.2192072	
	-1.45396285	0.531208986	-0.561528024	0.638546111		6	0
	0.998207054						
NWD1	ENSG00000188039.13	0.659056566	9	9	0.072138324		Brain_Cortex
	0.986457208	Brain_Putamen_basal_ganglia	1.981325747		0.513053516		
	0.513053516	-1.230545494	1.798244165	0.425560569			0.879513564
	9	0	0.998207054				
NUTM2A	ENSG00000184923.12	0.659137669	13	8	0.183903589		
	Brain_Spinal_cord_cervical_c-1	0.984320788			Brain_Frontal_Cortex_BA9		
	7.81383528	0.016329778	0.263481604	-1.328831433	0.930152615		
	-0.332751761	0.638767266	8	0	0.998207054		
HMCN2	ENSG00000148357.16	0.659234503	4	4	0.254358972		
	Brain_Cerebellar_Hemisphere	0.786738657			Brain_Cerebellum	1.662430113	
	0.336179719	0.336179719	-0.727184614	1.139825585			0.264375465
	0.766317739	4	0	0.998207054			
HCK	ENSG00000101336.13	0.659311679	2	2	0.362241745		
	Brain_Anterior_cingulate_cortex_BA24	0.756083303					
	Brain_Spinal_cord_cervical_c-1	1.283172199			0.716827801		0.716827801
	0.310628178	0.911101788	0.610864983	0.424598961		2	0
	0.998207054						
PRG4	ENSG00000116690.12	0.659330289	1	1	0.659330289		Brain_Cerebellum
	0.659330289	Brain_Cerebellum	1	1	-0.44083799		-0.44083799
	-0.44083799	NA	1	0	0.998207054		
LINC01252	ENSG00000247157.6	0.659391836	13	3	0.328962025		
	Brain_Frontal_Cortex_BA9	0.998503928			Brain_Hippocampus	10.08543963	
	0.022514467	0.432214416	-0.633478821	0.976206738			-0.082513308
	0.465441535	3	0	0.998207054			
ZNF248	ENSG00000198105.13	0.659452686	7	4	0.186591143		
	Brain_Hippocampus	0.61333244	Brain_Frontal_Cortex_BA9	5.624976253			
	0.013051697	0.3089147	0.505322361	1.320730792			0.804187253
	0.284209359	4	0	0.998207054			
MEGF6	ENSG00000162591.15	0.659495121	4	4	0.161985965		
	Brain_Putamen_basal_ganglia	0.982673246			Brain_Cortex	1.280692111	
	0.79397035	0.79397035	-0.485875319	1.398423383			0.212934387
	0.820077458	4	0	0.998207054			
RP11-571M6.17	ENSG00000270039.1	0.659617595	7	5	0.08698623		
	Brain_Frontal_Cortex_BA9	0.913914063			Brain_Putamen_basal_ganglia		
	5.030654833	0.035968671	0.186942313	-1.711514213			-0.108102907
	-0.940290848	0.509554193	5	0	0.998207054		
POSTN	ENSG00000133110.14	0.65971571	1	1	0.65971571	Brain_Cortex	0.65971571
	Brain_Cortex	1	1	1	-0.440305704	-0.440305704	-0.440305704
	NA	1	0	0.998207054			
SLC25A39	ENSG00000013306.15	0.659817313	12	7	0.114332021		
	Brain_Nucleus_accumbens_basal_ganglia	0.911871355			Brain_Amygdala		
	6.692228982	0.003694711	0.283728152	-0.225311356			1.579017595
	0.701036665	0.60521417	7	0	0.998207054		
ADRA1A	ENSG00000120907.17	0.659872896	2	2	0.362692222		
	Brain_Frontal_Cortex_BA9	0.890093784			Brain_Substantia_nigra		
	1.209325321	0.790674679	0.790674679	0.138185538			0.910247076
	0.524216307	0.545929949	2	0	0.998207054		
FBXO44	ENSG00000132879.13	0.659878461	1	1	0.659878461		
	Brain_Cerebellum	0.659878461	Brain_Cerebellum	1	1	1	-0.440080974
	-0.440080974	-0.440080974	NA	1	0	0.998207054	
IGHMBP2	ENSG00000132740.8	0.660089226	13	2	0.293670892		
	Brain_Putamen_basal_ganglia	0.990582755			Brain_Frontal_Cortex_BA9		
	10.90979587	0.001939175	1.136062032	-1.050102713			0.181853046
	-0.258267472	0.416423286	2	0	0.998207054		
CBX3	ENSG00000122565.18	0.660104238	1	1	0.660104238		Brain_Cortex
	0.660104238	Brain_Cortex	1	1	1	-0.439769254	-0.439769254

	-0.439769254	NA	1	0	0.998207054				
CD163L1	ENSG00000177675.8			0.660129332	2	2	0.47952481	Brain_Cerebellum	
	0.896957399			Brain_Frontal_Cortex_BA9	1.514326486		0.485673514		
	0.485673514			-0.707067053	0.129505847		-0.288780603	0.59154637	2
	0			0.998207054					
GAR1	ENSG00000109534.16			0.660196602	11	3	0.133441385		
	Brain_Hippocampus			0.890264237			Brain_Amygdala	9.128834567	
	0.009083348			0.310768697	-1.500668266		-0.137969861	-0.865467785	
	0.458050194			3	0	0.998207054			
PPME1	ENSG00000214517.9			0.660215585	3	3	0.302412931	Brain_Cerebellum	
	0.362454574			Brain_Substantia_nigra	1.871448614		0.21916211	0.21916211	
	0.910697895			1.031272754	0.955900826		0.065705407	3	0
	0.998207054								
SLC52A2	ENSG00000185803.8			0.660508214	7	4	0.148013519		
	Brain_Putamen_basal_ganglia			0.741155665			Brain_Cerebellar_Hemisphere		
	5.496622515			5.11E-05	0.219547499		0.330323332	1.446583826	
	0.97084451			0.372390274	4	0	0.998207054		
RGPD1	ENSG00000187627.14			0.660622366	1	1	0.660622366	Brain_Cerebellum	
	0.660622366			Brain_Cerebellum1	1	1	-0.439054059	-0.439054059	
	-0.439054059			NA	1	0	0.998207054		
DCLK1	ENSG00000133083.14			0.660667322	1	1	0.660667322	Brain_Cerebellum	
	0.660667322			Brain_Cerebellum1	1	1	0.438992016	0.438992016	
	0.438992016			NA	1	0	0.998207054		
ZNF146	ENSG00000167635.11			0.660864644	2	2	0.792994725		
	Brain_Putamen_basal_ganglia			0.863828876			Brain_Hypothalamus	1.886052389	
	0.113947611			0.113947611	-0.171502231		0.262423801	0.045460785	
	0.30683204			2	0	0.998207054			
GRAMD3	ENSG00000155324.9			0.660907309	5	5	0.319727214		
	Brain_Putamen_basal_ganglia			0.946113651			Brain_Nucleus_accumbens_basal_ganglia		
	2.697366819			0.123598203	0.123598203		-0.966805422	0.995018608	
	0.091093279			0.699607575	5	0	0.998207054		
LYPD5	ENSG00000159871.14			0.660919019	6	3	0.096048067		
	Brain_Anterior_cingulate_cortex_BA24			0.897258349			Brain_Hippocampus		
	4.090610375			0.011220207	0.321751161		-1.664322155	0.879686338	
	-0.377845761			1.059303896	3	0	0.998207054		
TFAM	ENSG00000108064.10			0.66100157	8	4	0.331703854	Brain_Cortex	
	0.999016596			Brain_Anterior_cingulate_cortex_BA24	6.70514781		0.005776098		
	0.256266156			-0.97068763	0.012598349		-0.229486186	0.334626077	
	4			0	0.998207054				
LINC00377	ENSG00000229246.1			0.661007103	2	1	0.608138978		
	Brain_Cerebellum			0.724041366			Brain_Cerebellar_Hemisphere	1.949012702	
	0.050987298			1.949012702	-0.512731749		-0.353062793	-0.432897271	
	0.112903002			1	0	0.998207054			
MTCL1	ENSG00000168502.17			0.661026428	1	1	0.661026428	Brain_Cerebellum	
	0.661026428			Brain_Cerebellum1	1	1	0.43849647	0.43849647	0.43849647
	NA			1	0	0.998207054			
ITK	ENSG00000113263.12			0.66102934	2	2	0.392701659		
	Brain_Nucleus_accumbens_basal_ganglia			0.69147236			Brain_Caudate_basal_ganglia		
	1.718288434			0.281711566	0.281711566		-0.854728157	-0.396857753	
	-0.625792955			0.323763268	2	0	0.998207054		
LINC02012	ENSG00000272989.1			0.661031643	11	8	0.283618015		
	Brain_Cerebellar_Hemisphere			0.999482694			Brain_Hippocampus	5.21071674	
	0.030625273			0.186784695	-1.072227158		0.764732005	-0.013425365	
	0.546553066			8	0	0.998207054			
CRACR2B	ENSG00000177685.16			0.661119467	3	3	0.25953406		
	Brain_Anterior_cingulate_cortex_BA24			0.707315931			Brain_Caudate_basal_ganglia		
	1.452186935			0.548538644	0.548538644		-1.127493091	-0.375463307	
	-0.702272606			0.385552552	3	0	0.998207054		
KCNA4	ENSG00000182255.6			0.661346779	1	1	0.661346779	Brain_Cerebellum	
	0.661346779			Brain_Cerebellum1	1	1	0.438054497	0.438054497	
	0.438054497			NA	1	0	0.998207054		
PIGZ	ENSG00000119227.7			0.661406277	13	6	0.102504528		

	Brain_Spinal_cord_cervical_c-1	0.971475206			Brain_Cortex	8.417600864
	0.006963097	0.379600211			0.665643662	0.133603711
	0.601460864	6	0	0.998207054		
LINC00642	ENSG00000233208.5	0.661442922	3	3	0.247510845	
	Brain_Cerebellum	0.799977341			Brain_Hippocampus	1.112689534
	0.892607591	0.892607591			-0.367273606	1.156416478
	0.766193978	3	0	0.998207054		0.347506433
LINC02202	ENSG00000245812.2	0.661478542	2	2	0.383689928	
	Brain_Spinal_cord_cervical_c-1	0.858392309			Brain_Frontal_Cortex_BA9	
	1.092606698	0.907393302			0.178421062	0.871117631
	0.524769347	0.489810441	2	0	0.998207054	
PVR	ENSG00000073008.14	0.661489692	4	3	0.3299465	Brain_Cerebellum
	0.637150191	Brain_Cortex	2.778734854		0.049541709	0.176317394
	0.471687038	0.974221644	0.753585934		0.208276617	3
	0.998207054					0
LRBA	ENSG00000198589.10	0.661508331	2	2	0.363333985	
	Brain_Cerebellar_Hemisphere	0.526121359			Brain_Cerebellum	1.688321125
	0.311678875	0.311678875			0.633937886	0.909030579
	0.194519909	2	0	0.998207054		0.771484233
SLC9C2	ENSG00000162753.11	0.661509432	9	1	0.298902788	
	Brain_Spinal_cord_cervical_c-1	0.982862737			Brain_Cerebellum	8.171333829
	0.005809901	8.171333829			-1.038789194	-0.021480025
	0.350246403	1	0	0.998207054		-0.420357025
SNCAIP	ENSG00000064692.18	0.661520431	3	3	0.312271463	
	Brain_Cerebellum	0.375209548			Brain_Putamen_basal_ganglia	1.964943118
	0.146114512	0.146114512			-1.010467291	-0.886757362
	0.062297321	3	0	0.998207054		-0.944333712
SPARC	ENSG00000113140.10	0.661609736	3	3	0.230870697	
	Brain_Cerebellar_Hemisphere	0.915811191			Brain_Putamen_basal_ganglia	
	1.097729222	0.900622772	0.900622772		-1.19811899	0.255486081
	-0.349448164	0.75683391	3	0	0.998207054	
LINC00640	ENSG00000258479.5	0.66163302	1	1	0.66163302	
	Brain_Spinal_cord_cervical_c-1	0.66163302			Brain_Spinal_cord_cervical_c-1	1
	1	1	0.437659655	0.437659655	0.437659655	NA
	0.998207054					1
5-Mar	ENSG00000198060.9	0.661736174	1	1	0.661736174	
	Brain_Spinal_cord_cervical_c-1	0.661736174			Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.437517381	0.437517381	NA
	0.998207054					1
LINC02029	ENSG00000241544.1	0.661774481	2	2	0.393939243	
	Brain_Putamen_basal_ganglia	0.752599115			Brain_Hypothalamus	1.000833305
	0.999166695	0.999166695			0.315214081	0.852495307
	0.379915198	2	0	0.998207054		0.583854694
DOCK9	ENSG00000088387.18	0.661880758	2	2	0.475096138	Brain_Cerebellum
	0.762361817	Brain_Cortex	1.321118747		0.678881253	0.678881253
	-0.302380765	0.714211936	0.205915585		0.718839592	2
	0.998207054					0
TPD52L2	ENSG00000101150.17	0.662159048	1	1	0.662159048	
	Brain_Cortex	0.662159048			Brain_Cortex	1
	0.436934228	0.436934228	NA	1	0	0.998207054
	0.998207054					
ERO1A	ENSG00000197930.12	0.662191708	1	1	0.662191708	
	Brain_Cerebellar_Hemisphere	0.662191708			Brain_Cerebellar_Hemisphere	1
	1	0.436889195	0.436889195	0.436889195	NA	1
	0.998207054					0
ST6GALNAC4	ENSG00000136840.18	0.662214412	1	1	0.662214412	
	Brain_Cerebellum	0.662214412			Brain_Cerebellum	1
	0.436857892	0.436857892	NA	1	0	0.998207054
	0.998207054					
GDPD1	ENSG00000153982.10	0.662314412	1	1	0.662314412	Brain_Cerebellum
	0.662314412	Brain_Cerebellum	1	1	1	0.436720015
	0.436720015	NA	1	0	0.998207054	0.436720015
ELP3	ENSG00000134014.16	0.662327546	13	1	0.510310589	
	Brain_Nucleus_accumbens_basal_ganglia	0.808415969			Brain_Hippocampus	

	11.81687703	0.000728759	11.81687703	-0.658354152	-0.24247004
	-0.418464144	0.121172971	1	0	0.998207054
NINJ2	ENSG00000171840.11	0.662444287	1	1	0.662444287
	Brain_Frontal_Cortex_BA9	0.662444287	Brain_Frontal_Cortex_BA9	1	1
	1	0.436540961	0.436540961	0.436540961	NA 1 0
	0.998207054				
RP3-369A17.4	ENSG00000224164.1	0.662589191	1	1	0.662589191
	Brain_Caudate_basal_ganglia	0.662589191	Brain_Caudate_basal_ganglia	1	1
	1	-0.436341203	-0.436341203	-0.436341203	NA 1 0
	0.998207054				
LINC01202	ENSG00000280776.1	0.662605657	1	1	0.662605657
	Brain_Frontal_Cortex_BA9	0.662605657	Brain_Frontal_Cortex_BA9	1	1
	1	0.436318506	0.436318506	0.436318506	NA 1 0
	0.998207054				
IL2RB	ENSG00000100385.13	0.66284666	2	2	0.366259895
	0.912471147	Brain_Caudate_basal_ganglia	1.035210971	0.964789029	Brain_Hypothalamus
	0.964789029	-0.903501307	0.10992211	-0.396789599	0.716598571
	0	0.998207054			2
RGS4	ENSG00000117152.13	0.662952161	2	2	0.423246014
	0.578033964	Brain_Cerebellar_Hemisphere	1.171488426	0.828511574	Brain_Cerebellum
	0.828511574	-0.80080246	-0.556258776	-0.678530618	0.172918498
	2	0	0.998207054		
PPFIBP1	ENSG00000110841.13	0.663088097	1	1	0.663088097
	Brain_Spinal_cord_cervical_c-1	0.663088097	Brain_Spinal_cord_cervical_c-1	1	1
	1	1	0.435653571	0.435653571	0.435653571 NA 1 0
	0.998207054				
ARHGAP30	ENSG00000186517.13	0.663108155	2	2	0.500435559
	Brain_Cerebellar_Hemisphere	0.569410664	Brain_Cerebellum	1.054181716	
	0.945818284	0.945818284	-0.673804586	0.568919658	-0.052442464
	0.87873874	2	0	0.998207054	
RP11-436D23.1	ENSG00000271860.6	0.663120488	2	2	0.456266009
	Brain_Frontal_Cortex_BA9	0.592814261	Brain_Caudate_basal_ganglia		
	1.025007882	0.974992118	0.974992118	-0.745009447	0.534762263
	-0.105123592	0.904935255	2	0	0.998207054
TNRC6C	ENSG00000078687.17	0.663257573	1	1	0.663257573
	Brain_Frontal_Cortex_BA9	0.663257573	Brain_Frontal_Cortex_BA9	1	1
	1	0.435420032	0.435420032	0.435420032	NA 1 0
	0.998207054				
FBN3	ENSG00000142449.12	0.663292497	2	2	0.365018111
	0.401230806	Brain_Frontal_Cortex_BA9	1.916571941	0.083428059	Brain_Cortex
	0.083428059	0.839425096	0.905844599	0.872634848	0.046965681
	2	0	0.998207054		
ACO1	ENSG00000122729.18	0.663303069	11	9	0.085149698
	Brain_Putamen_basal_ganglia	0.864685793	Brain_Anterior_cingulate_cortex_BA24		
	4.030675205	0.004399052	0.219716797	-1.31486918	1.721557554
	0.248869743	0.993137218	9	0	0.998207054
FILIP1	ENSG00000118407.14	0.663414473	3	3	0.288481732
	Brain_Cerebellar_Hemisphere	0.802905863	Brain_Putamen_basal_ganglia		
	1.945941279	0.074439587	0.074439587	-1.061458172	-0.24958815
	-0.686385615	0.409439502	3	0	0.998207054
RPA2	ENSG00000117748.9	0.663472641	13	1	0.496718564
	Brain_Frontal_Cortex_BA9	0.918795764	Brain_Spinal_cord_cervical_c-1		
	12.79881439	0.000185658	12.79881439	0.101950754	0.679661903
	0.432230883	0.134885053	1	0	0.998207054
ZDHHC6	ENSG00000023041.11	0.663546064	10	10	0.077016067
	Brain_Caudate_basal_ganglia	0.88219697	Brain_Anterior_cingulate_cortex_BA24		
	2.744719657	0.173116882	0.173116882	-1.338819453	1.768268264
	0.529407827	0.8873894	10	0	0.998207054
HHIPL1	ENSG00000182218.9	0.663552355	5	5	0.150328934
	Brain_Cerebellar_Hemisphere	0.98392694	Brain_Putamen_basal_ganglia	2.087588977	
	0.45143311	0.45143311	-0.362515945	1.438370585	0.415170386
	0.702689818	5	0	0.998207054	

UPK1A ENSG00000105668.7 0.663682152 12 6 0.167077415
 Brain_Frontal_Cortex_BA9 0.997453561 Brain_Nucleus_accumbens_basal_ganglia
 7.225198461 0.008655762 0.429158002 -1.381655788 0.194336785
 -0.572610777 0.560038243 6 0 0.998207054
 HDAC10 ENSG00000100429.17 0.663727667 13 2 0.312448523
 Brain_Nucleus_accumbens_basal_ganglia 0.964669329
 Brain_Spinal_cord_cervical_c-1 11.07165891 6.73E-17 0.85951011
 -1.010097619 -0.04429491 -0.7660155 0.237051248 2 0
 0.998207054
 VPS50 ENSG00000004766.15 0.663846427 3 3 0.327810795
 Brain_Anterior_cingulate_cortex_BA24 0.880483308 Brain_Cerebellum
 1.373142239 0.580775059 0.580775059 -0.509705467 0.978532966
 0.106156978 0.776571186 3 0 0.998207054
 CREB1 ENSG00000118260.14 0.663867798 1 1 0.663867798
 Brain_Putamen_basal_ganglia 0.663867798 Brain_Putamen_basal_ganglia 1 1
 1 0.434579334 0.434579334 0.434579334 NA 1 0
 0.998207054
 ERMP1 ENSG00000099219.13 0.663871192 7 6 0.183331655
 Brain_Frontal_Cortex_BA9 0.922164905 Brain_Putamen_basal_ganglia
 4.262414514 0.131976403 0.290883779 -1.330566612 0.398518722
 -0.565091452 0.612959432 6 0 0.998207054
 FAM26E ENSG00000178033.5 0.663949024 1 1 0.663949024
 Brain_Hippocampus 0.663949024 Brain_Hippocampus 1 1 1
 -0.434467453 -0.434467453 -0.434467453 NA 1 0 0.998207054
 CTNNA3 ENSG00000183230.16 0.663962352 2 2 0.397483453
 Brain_Putamen_basal_ganglia 0.584158906 Brain_Amygdala 1.84800866 0.15199134
 0.15199134 0.54732 0.846124215 0.696722108 0.211286487 2 0
 0.998207054
 CTD-307407.2 ENSG00000250105.1 0.663963043 2 1 0.491577452
 Brain_Cerebellar_Hemisphere 0.86647125 Brain_Cerebellum 1.940820022
 0.059179978 1.940820022 0.168142405 0.687802039 0.427972222
 0.367454851 1 0 0.998207054
 TDGF1 ENSG00000241186.9 0.664008792 13 1 0.514486814
 Brain_Hippocampus 0.836706489 Brain_Hypothalamus 12.57194563
 8.35E-05 12.57194563 0.206108078 0.651867249 0.426757069
 0.119371976 1 0 0.998207054
 ACBD7 ENSG00000176244.6 0.66402505 1 1 0.66402505
 Brain_Nucleus_accumbens_basal_ganglia 0.66402505
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.434362741
 -0.434362741 -0.434362741 NA 1 0 0.998207054
 FAM83H ENSG00000180921.6 0.664062377 9 9 0.120584151
 Brain_Cortex 0.925556539 Brain_Cerebellar_Hemisphere 2.333932583
 0.160711685 0.160711685 -1.552326373 1.157869726 -0.141615038
 0.728112157 9 0 0.998207054
 ABHD17B ENSG00000107362.13 0.664064615 1 1 0.664064615
 Brain_Putamen_basal_ganglia 0.664064615 Brain_Putamen_basal_ganglia 1 1
 1 -0.434308249 -0.434308249 -0.434308249 NA 1 0
 0.998207054
 INCA1 ENSG00000196388.8 0.664182576 11 7 0.036133492
 Brain_Spinal_cord_cervical_c-1 0.94825323 Brain_Putamen_basal_ganglia
 6.382855726 0.003091734 0.300680731 -0.06490049 2.095422038
 1.173686356 0.587754255 7 0 0.998207054
 C11orf80 ENSG00000173715.15 0.664302906 9 6 0.050515756
 Brain_Cerebellar_Hemisphere 0.994679176 Brain_Hypothalamus 5.279315083
 0.06779574 0.240137779 -1.955570623 -0.006668714 -0.922683751
 0.570277428 6 0 0.998207054
 ETV5 ENSG00000244405.7 0.664411869 2 2 0.448092979
 Brain_Substantia_nigra 0.692595901 Brain_Hypothalamus 1.122748843
 0.877251157 0.877251157 -0.75859815 -0.395334691 -0.576966421
 0.256866056 2 0 0.998207054
 FOXD4L3 ENSG00000187559.5 0.664425069 2 2 0.459342717
 Brain_Nucleus_accumbens_basal_ganglia 0.49929874 Brain_Cortex 1.229295915

	0.770704085	0.770704085	-0.739929592	-0.675593546	-0.707761569				
	0.045492454	2	0	0.998207054					
WDR5B	ENSG00000196981.3	0.664481269	10	6	0.405281806	Brain_Amygdala			
	0.905990521	Brain_Nucleus_accumbens_basal_ganglia	6.538081132						
	0.012452733	0.233445688	-0.832225264	0.807367965	0.276514926				
	0.43830108	6	0	0.998207054					
ITGA2B	ENSG00000005961.17	0.664506018	1	1	0.664506018				
	Brain_Cerebellar_Hemisphere	0.664506018	Brain_Cerebellar_Hemisphere	1	1				
	1	0.433700398	0.433700398	0.433700398	NA	1	0		
	0.998207054								
FAM81A	ENSG00000157470.11	0.664517929	1	1	0.664517929				
	Brain_Frontal_Cortex_BA9	0.664517929	Brain_Frontal_Cortex_BA9	1	1				
	1	0.433683997	0.433683997	0.433683997	NA	1	0		
	0.998207054								
TTC23L	ENSG00000205838.13	0.664538719	1	1	0.664538719				
	Brain_Spinal_cord_cervical_c-1	0.664538719	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.433655372	0.433655372	0.433655372	NA	1	0
	0.998207054								
STEAP1	ENSG00000164647.8	0.664632957	2	2	0.366064928				
	Brain_Frontal_Cortex_BA9	0.449586548	Brain_Cortex	1.841219064					
	0.158780936	0.158780936	0.756104494	0.903868888	0.829986691				
	0.104485205	2	0	0.998207054					
CHRNA1	ENSG00000138435.15	0.664695796	2	2	0.402715831				
	Brain_Cortex	0.562683331	Brain_Nucleus_accumbens_basal_ganglia	1.88319785					
	0.11680215	0.11680215	0.578860462	0.83678073	0.707820596	0.182377171			
	2	0	0.998207054						
OBSL1	ENSG00000124006.14	0.664784854	1	1	0.664784854	Brain_Cortex			
	0.664784854	Brain_Cortex	1	1	1	0.433316498	0.433316498		
	0.433316498	NA	1	0	0.998207054				
ECM1	ENSG00000143369.14	0.664957668	6	3	0.415874648				
	Brain_Hippocampus	0.967240511	Brain_Nucleus_accumbens_basal_ganglia						
	4.632740676	0.009796415	0.45893199	-0.81359911	0.352350678				
	-0.250447263	0.502004072	3	0	0.998207054				
CD300LF	ENSG00000186074.18	0.664994041	2	2	0.371594499				
	Brain_Spinal_cord_cervical_c-1	0.714694059	Brain_Hypothalamus						
	1.265883431	0.734116569	0.734116569	0.365559154	0.89349061				
	0.629524882	0.373303913	2	0	0.998207054				
MRFAP1L1	ENSG00000178988.10	0.66513898	1	1	0.66513898	Brain_Hypothalamus			
	0.66513898	Brain_Hypothalamus	1	1	1	-0.432829032	-0.432829032		
	-0.432829032	NA	1	0	0.998207054				
KANSL1	ENSG00000120071.13	0.665272872	11	9	0.066973219				
	Brain_Cerebellum	0.927004286	Brain_Cortex	4.357695237	0.028131799				
	0.222049583	-1.831853705	1.236326878	-0.088495794	0.835371762				
	9	0	0.998207054						
ACTL10	ENSG00000182584.4	0.665278973	1	1	0.665278973				
	Brain_Cortex	0.665278973	Brain_Cortex	1	1	1	0.432636355		
	0.432636355	0.432636355	NA	1	0	0.998207054			
MFAP5	ENSG00000197614.10	0.665303053	2	2	0.366992191	Brain_Cerebellum			
	0.929495248	Brain_Hippocampus	1.136146724	0.863853276					
	0.863853276	-0.90212176	-0.088479914	-0.495300837	0.575331667				
	2	0	0.998207054						
ATP11B	ENSG00000058063.15	0.665440274	2	2	0.375581965				
	Brain_Cortex	0.512579473	Brain_Cerebellar_Hemisphere	1.5813013	0.4186987				
	0.4186987	0.65482649	0.886065997	0.770446243	0.163511023	2	0		
	0.998207054								
ATF7IP	ENSG00000171681.12	0.665466356	1	1	0.665466356				
	Brain_Cortex	0.665466356	Brain_Cortex	1	1	1	0.43237848		
	0.43237848	0.43237848	NA	1	0	0.998207054			
TSPAN13	ENSG00000106537.7	0.66548193	1	1	0.66548193				
	Brain_Frontal_Cortex_BA9	0.66548193	Brain_Frontal_Cortex_BA9	1	1	1			
	0.432357048	0.432357048	0.432357048	NA	1	0	0.998207054		
RP11-491F9.8	ENSG00000259957.2	0.665506195	2	2	0.374638413				

	Brain_Cerebellum	0.377717871		Brain_Cerebellar_Hemisphere	1.9237532	0.0762468			
		0.0762468	-0.887818456		-0.882108991	-0.884963724	0.004037202	2	
		0	0.998207054						
TRHDE	ENSG00000072657.8	0.665519248			2	2	0.379703573		
	Brain_Frontal_Cortex_BA9	0.825863887		Brain_Putamen_basal_ganglia	1.01520817				
		0.98479183	0.98479183	-0.878442603	-0.22009332	-0.549225967	0.46558263		
		2	0	0.998207054					
C18orf54	ENSG00000166845.13	0.665556769			2	1	0.639324131		
	Brain_Cerebellum	0.694640441		Brain_Cerebellar_Hemisphere	1.9847665	0.0152335			
		1.9847665	-0.468643986	-0.392565478	-0.430604732	0.053795629	1		
		0	0.998207054						
KLRD1	ENSG00000134539.16	0.665559966			3	3	0.461688055		
	Brain_Nucleus_accumbens_basal_ganglia	0.890405893		Brain_Caudate_basal_ganglia					
		1.854964845	0.200713483	0.200713483	-0.736070071	0.646299074			
		-0.075853874	0.693262746	3	0	0.998207054			
MCL1	ENSG00000143384.12	0.665655441			2	2	0.375782791		
	Brain_Caudate_basal_ganglia	0.97128214		Brain_Cerebellum	1.151093285				
		0.848906715	0.848906715	-0.036000274	0.885693353	0.42484654			
		0.651735814	2	0	0.998207054				
RAD17	ENSG00000152942.18	0.665685888			3	3	0.215426811		
	Brain_Spinal_cord_cervical_c-1	0.7901793		Brain_Cortex	1.984579678				
		0.274460743	0.274460743	-1.238780462	-0.266077789	-0.812899733			
		0.497501463	3	0	0.998207054				
SLC26A10	ENSG00000135502.17	0.665830329			4	4	0.159936107		
	Brain_Cerebellar_Hemisphere	0.776236438		Brain_Frontal_Cortex_BA9					
		1.295652742	0.683740744	0.683740744	-1.40528648	0.284226984			
		-0.524289204	0.693548628	4	0	0.998207054			
RP11-358N2.2	ENSG00000277692.1	0.665918872			2	2	0.548058278		
	Brain_Hypothalamus	0.637954545		Brain_Cerebellar_Hemisphere	1.288661778				
		0.711338222	0.711338222	-0.600672291	-0.470560606	-0.535616448			
		0.092002854	2	0	0.998207054				
SLC16A6	ENSG00000108932.11	0.665966635			1	1	0.665966635		
	Brain_Cortex	0.665966635		Brain_Cortex	1	1	1	-0.43169014	
		-0.43169014	-0.43169014	NA	1	0	0.998207054		
FARSA	ENSG00000179115.10	0.665990667			4	3	0.550156417		
	Brain_Hippocampus	0.98102524		Brain_Caudate_basal_ganglia	3.591029041				
		0.051493035	0.123631412	-0.597525754	0.088306376	-0.278689617			
		0.362016836	3	0	0.998207054				
UAP1L1	ENSG00000197355.10	0.66611518			3	3	0.342175803		Brain_Cortex
		0.720214302		Brain_Cerebellum	1.084775897	0.912957839	0.912957839		
		-0.949874938	-0.358172398	-0.689997826	0.302341519	3	0		
		0.998207054							
CIZ1	ENSG00000148337.20	0.666222208			2	2	0.37858998		Brain_Hypothalamus
		0.862264296		Brain_Caudate_basal_ganglia	1.02133776	0.97866224	0.97866224		
		-0.880497277	-0.173492534	-0.526994906	0.499927848	2	0		
		0.998207054							
KIAA0355	ENSG00000166398.12	0.666293732			2	2	0.493586166		
	Brain_Substantia_nigra	0.541979005		Brain_Cerebellum	1.035391197				
		0.964608803	0.964608803	-0.609823089	0.684616162	0.037396536			
		0.915306772	2	0	0.998207054				
POLE2	ENSG00000100479.12	0.666326867			2	2	0.392207292		Brain_Cerebellum
		0.766412175		Brain_Amygdala	1.016961957	0.983038043	0.983038043		
		-0.855621286	0.29707117	-0.279275058	0.815076652	2	0		
		0.998207054							
PROB1	ENSG00000228672.3	0.66638264			5	4	0.169988259		Brain_Cortex
		0.577420515		Brain_Amygdala	3.85003533	0.041098741	0.16776995		
		0.557156489	1.372241537	1.050763809	0.348510521	4	0		
		0.998207054							
LRRTM4	ENSG00000176204.13	0.666529609			1	1	0.666529609		
	Brain_Frontal_Cortex_BA9	0.666529609		Brain_Frontal_Cortex_BA9	1	1			
		1	0.43091578	0.43091578	0.43091578	NA	1	0	0.998207054
KLRC1	ENSG00000134545.13	0.666569141			12	1	0.205720579		

	Brain_Substantia_nigra	0.856362367			Brain_Anterior_cingulate_cortex_BA24		
	11.49259353	0.000216639	11.49259353		-1.265420643		-0.181006636
	-0.431701941	0.293338028	1	0	0.998207054		
MFAP3L	ENSG00000198948.11	0.666634	3	3	0.211999577		Brain_Cerebellum
	0.99329868	Brain_Hippocampus	1.293725119		0.712858765		0.712858765
	0.008398958	1.248085965	0.565480271		0.629303779		3 0
	0.998207054						
C1QTNF3	ENSG00000082196.20	0.666660525	3	2	0.376087737		
	Brain_Cerebellum	0.865975746			Brain_Frontal_Cortex_BA9		1.969355819
	0.032558601	0.99808558	-0.214214436		0.885127746		0.167380336
	0.622002617	2	0	0.998207054			
CD151	ENSG00000177697.17	0.666690759	12	2	0.279084628		
	Brain_Hippocampus	0.85570529			Brain_Anterior_cingulate_cortex_BA24		
	10.89240823	0.002168283	0.465103599		0.181843826		1.082377937
	0.840646651	0.264689869	2	0	0.998207054		
MEDAG	ENSG00000102802.9	0.666731179	1	1	0.666731179		
	Brain_Caudate_basal_ganglia	0.666731179			Brain_Caudate_basal_ganglia	1	1
	1	-0.430638588	-0.430638588	-0.430638588	NA	1	0
	0.998207054						
PRTG	ENSG00000166450.12	0.666763408	3	3	0.254511868		
	Brain_Nucleus_accumbens_basal_ganglia	0.725284916			Brain_Cerebellum		
	1.133779166	0.888794197	0.888794197		-0.351404488		1.13945874
	0.44028074	0.749724271	3	0	0.998207054		
LINC01658	ENSG00000178248.11	0.666810758	7	6	0.320834015		
	Brain_Hippocampus	0.888833388			Brain_Cortex		3.165335077
	0.090195684	0.35048237	-0.768206891		0.992745461		-0.075568139
	0.6270221	6	0	0.998207054			
FAM136A	ENSG00000035141.7	0.666832201	2	2	0.405801998		
	Brain_Anterior_cingulate_cortex_BA24	0.886932138					
	Brain_Nucleus_accumbens_basal_ganglia	1.524813487			0.475186513		
	0.475186513	-0.831303854	-0.142187205		-0.486745529		0.487279055
	2	0	0.998207054				
ZNF283	ENSG00000167637.16	0.666879495	3	3	0.264554183		
	Brain_Nucleus_accumbens_basal_ganglia	0.984836447			Brain_Cerebellar_Hemisphere		
	1.916137526	0.518382052	0.518382052		-1.115691564		-0.019005839
	-0.468686386	0.574354117	3	0	0.998207054		
ASPDH	ENSG00000204653.9	0.66693431	9	6	0.296350106		
	Brain_Frontal_Cortex_BA9	0.937562411			Brain_Anterior_cingulate_cortex_BA24		
	4.806548483	0.012899563	0.248337256		-0.809787954		1.044292448
	-0.170294828	0.575199453	6	0	0.998207054		
RCN3	ENSG00000142552.7	0.666967439	2	2	0.369770982		
	Brain_Hypothalamus	0.967704691			Brain_Spinal_cord_cervical_c-1		
	1.127848178	0.872151822	0.872151822		0.040487226		0.896902433
	0.468694829	0.605577001	2	0	0.998207054		
KAT6B	ENSG00000156650.12	0.666996517	1	1	0.666996517		
	Brain_Caudate_basal_ganglia	0.666996517			Brain_Caudate_basal_ganglia	1	1
	1	0.430273754	0.430273754	0.430273754	NA	1	0
	0.998207054						
HS3ST4	ENSG00000182601.6	0.667020542	2	2	0.443752457		
	Brain_Caudate_basal_ganglia	0.621864122			Brain_Cerebellum		1.027196699
	0.972803301	0.972803301	-0.765872018		0.493210128		-0.136330945
	0.890305524	2	0	0.998207054			
RPP40	ENSG00000124787.13	0.667043036	1	1	0.667043036		Brain_Cerebellum
	0.667043036	Brain_Cerebellum	1	1	1		-0.430209797
	-0.430209797	NA	1	0	0.998207054		
STYX	ENSG00000198252.11	0.667059216	8	2	0.243709087		
	Brain_Nucleus_accumbens_basal_ganglia	0.85791349			Brain_Amygdala		6.507104974
	0.010605587	0.901565488	-1.165765951		-0.179030835		-0.801179166
	0.348778546	2	0	0.998207054			
SPINK9	ENSG00000204909.7	0.667166814	8	2	0.295275713		
	Brain_Hippocampus	0.842976779			Brain_Cortex		7.409655595
	0.000639853	0.271080353	-1.046618181		-0.198087277		-0.564599021

	0.28035839	2	0	0.998207054						
PTPN9	ENSG00000169410.9			0.667179325	1	1	0.667179325			
	Brain_Hippocampus			0.667179325		Brain_Hippocampus	1	1	1	
	0.430022429	0.430022429	0.430022429	NA	1	0	0.998207054			
TAL2	ENSG00000186051.6			0.667215154	1	1	0.667215154			
	Brain_Caudate_basal_ganglia			0.667215154		Brain_Caudate_basal_ganglia	1	1	1	
	1	-0.429973175	-0.429973175	-0.429973175	NA	1	0			
	0.998207054									
NRIP1	ENSG00000180530.10			0.667229556	1	1	0.667229556			
	Brain_Caudate_basal_ganglia			0.667229556		Brain_Caudate_basal_ganglia	1	1	1	
	1	-0.429953378	-0.429953378	-0.429953378	NA	1	0			
	0.998207054									
PCDHGA2	ENSG00000081853.14			0.667290832	1	1	0.667290832			
	Brain_Caudate_basal_ganglia			0.667290832		Brain_Caudate_basal_ganglia	1	1	1	
	1	-0.429869144	-0.429869144	-0.429869144	NA	1	0			
	0.998207054									
PTRH1	ENSG00000187024.13			0.667363631	7	3	0.300649784			
	Brain_Cerebellar_Hemisphere			0.83287781		Brain_Frontal_Cortex_BA9	5.159912331			
	0.000476638	0.538106085	-0.679812879	1.035040957			-0.036744911			
	0.590511814	3	0	0.998207054						
MRPL51	ENSG00000111639.7			0.66738803	2	2	0.63703983			
	Brain_Caudate_basal_ganglia			0.691190174		Brain_Cortex	1.532001515			
	0.467998485	0.467998485	-0.471841635	0.397240426			-0.037300604			
	0.614533819	2	0	0.998207054						
HMGB2	ENSG00000164104.11			0.667399673	1	1	0.667399673			
	Brain_Hippocampus			0.667399673		Brain_Hippocampus	1	1	1	
	0.429719533	0.429719533	0.429719533	NA	1	0	0.998207054			
KLHL3	ENSG00000146021.14			0.667434062	2	2	0.438232548			
	Brain_Cerebellar_Hemisphere			1.709309356		Brain_Cerebellum	0.290690644			
	0.819199594	-0.77518128	-0.228574567	-0.501877924			0.386509313			
	0.290690644	2	0	0.998207054						
TRAK1	ENSG00000182606.14			0.667509704	3	3	0.310005252			
	Brain_Hypothalamus			0.860635672		Brain_Putamen_basal_ganglia	1.911572908			
	0.334804434	0.334804434	-0.308704463	1.015211013			0.294023862			
	0.669859998	3	0	0.998207054						
MRPL12	ENSG00000262814.7			0.667619527	3	3	0.382647798			
	Brain_Cerebellar_Hemisphere			0.670005219		Brain_Substantia_nigra				
	1.161916952	0.81921455	0.81921455	0.426140845			0.873028034			
	0.656936377	0.22380615	3	0	0.998207054					
AKR1A1	ENSG00000117448.13			0.667637022	2	1	0.594794406			
	Brain_Cerebellum			0.746564747		Brain_Cerebellar_Hemisphere	1.982742867			
	0.017257133	1.982742867	-0.531901229	-0.323172314			-0.427536771			
	0.147593631	1	0	0.998207054						
NLRP4	ENSG00000160505.15			0.667639656	2	2	0.380728218			
	Brain_Substantia_nigra			0.440886776		Brain_Spinal_cord_cervical_c-1				
	1.722040703	0.277959297	0.277959297	0.77069662			0.876555317			
	0.823625968	0.074853402	2	0	0.998207054					
RP11-302M6.5	ENSG00000272672.1			0.667665563	1	1	0.667665563			
	Brain_Substantia_nigra			0.667665563		Brain_Substantia_nigra	1	1	1	
	1	-0.429354084	-0.429354084	-0.429354084	NA	1	0			
	0.998207054									
BCL6B	ENSG00000161940.10			0.667729631	1	1	0.667729631			
	Brain_Hippocampus			0.667729631		Brain_Hippocampus	1	1	1	
	-0.429266036	-0.429266036	-0.429266036	NA	1	0	0.998207054			
LPIN2	ENSG00000101577.9			0.667838936	7	5	0.220222699			
	Brain_Frontal_Cortex_BA9			4.162807818		Brain_Cortex	0.022395391			
	0.749046468	-0.704734525	1.225936162	0.632022091			0.822005933			
	0.225244306	5	0	0.998207054						
ZNF268	ENSG00000090612.20			0.667873921	8	4	0.120818574			
	Brain_Spinal_cord_cervical_c-1			0.838982205		Brain_Cerebellar_Hemisphere				
	6.243859529	0.018539821	0.220647603	0.203195531			1.551346897			
	0.511402139	0.439722383	4	0	0.998207054					

USP34	ENSG00000115464.14	0.668413921	1	1	0.668413921	Brain_Cerebellum
	0.668413921	Brain_Cerebellum1	1	1	0.428325822	0.428325822
	0.428325822	NA	1	0	0.998207054	
ALG8	ENSG00000159063.12	0.668419671	13	4	0.328322013	
	Brain_Caudate_basal_ganglia0.98061575	Brain_Spinal_cord_cervical_c-1				
	10.08405925	0.001081505	0.402560955	-0.977499323	0.61706647	
	-0.091033867	0.486665534	4	0	0.998207054	
DDIT4L	ENSG00000145358.6	0.668432417	6	6	0.204304814	
	Brain_Substantia_nigra	0.946234652	Brain_Putamen_basal_ganglia1.8269104			
	0.342666118	0.342666118	-1.269382109	0.194345993	-0.517183965	
	0.590607834	6	0	0.998207054		
SLC18A3	ENSG00000187714.6	0.668433967	1	1	0.668433967	
	Brain_Cerebellar_Hemisphere0.668433967	Brain_Cerebellar_Hemisphere1	1			
	1	-0.428298285	-0.428298285	-0.428298285	NA	1
	0.998207054					0
LINC02185	ENSG00000262097.1	0.668695914	1	1	0.668695914	
	Brain_Putamen_basal_ganglia0.668695914	Brain_Putamen_basal_ganglia1	1			
	1	0.427938476	0.427938476	0.427938476	NA	1
	0.998207054					0
NEXN	ENSG00000162614.18	0.668768135	3	3	0.324393707	
	Brain_Nucleus_accumbens_basal_ganglia	0.771377251				
	Brain_Spinal_cord_cervical_c-1	1.380666597	0.624212587	0.624212587		
	-0.985469089	0.290573864	-0.489064267	0.683547537	3	0
	0.998207054					
PARP9	ENSG00000138496.16	0.668783158	3	2	0.431531292	Brain_Amygdala
	0.66990851	Brain_Substantia_nigra	2.001201085	0.044026972		
	0.954771942	-0.786573987	0.426273576	-0.329496442	0.65928954	2
	0	0.998207054				
TCP1	ENSG00000120438.11	0.668834968	3	2	0.385074866	
	Brain_Hippocampus	0.444744947	Brain_Cortex	2.590315782		
	0.077436333	0.332247884	0.764205236	0.868583712	0.831248884	
	0.058186571	2	0	0.998207054		
BCL7A	ENSG00000110987.8	0.668859309	1	1	0.668859309	
	Brain_Spinal_cord_cervical_c-1	0.668859309	Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.427714064	-0.427714064	-0.427714064
	0.998207054				NA	1
						0
CSNK1G1	ENSG00000169118.17	0.668901326	1	1	0.668901326	
	Brain_Caudate_basal_ganglia0.668901326	Brain_Caudate_basal_ganglia1	1			
	1	0.427656361	0.427656361	0.427656361	NA	1
	0.998207054					0
FAM71E1	ENSG00000142530.10	0.668930465	2	2	0.369910045	
	Brain_Nucleus_accumbens_basal_ganglia	0.748247924	Brain_Cerebellum			
	1.343753526	0.656246474	0.656246474	0.320950473	0.896641877	
	0.608796175	0.407075295	2	0	0.998207054	
AC005753.1	ENSG00000278925.1	0.668941109	2	2	0.710049165	
	Brain_Cerebellar_Hemisphere0.730650511	Brain_Cerebellum1.681096793				
	0.318903207	0.318903207	-0.344260335	0.371790059	0.013764862	
	0.50632409	2	0	0.998207054		
POLR2J2	ENSG00000228049.7	0.669001386	13	2	0.626665151	
	Brain_Cerebellar_Hemisphere0.95587398	Brain_Putamen_basal_ganglia11.78397446				
	0.005664341	0.523431022	-0.486426013	0.382841531	-0.179949973	
	0.249644423	2	0	0.998207054		
ZNF726	ENSG00000213967.10	0.669044286	10	8	0.138977994	
	Brain_Spinal_cord_cervical_c-1	0.9429358	Brain_Amygdala	3.298010046		
	0.004256417	0.114109425	-1.479607611	0.770956621	-0.398031385	
	0.671169587	8	0	0.998207054		
CTB-88F18.5	ENSG00000283897.1	0.669048871	1	1	0.669048871	
	Brain_Putamen_basal_ganglia0.669048871	Brain_Putamen_basal_ganglia1	1			
	1	0.427453741	0.427453741	0.427453741	NA	1
	0.998207054					0
LARP7	ENSG00000174720.15	0.669111268	4	4	0.4504599	Brain_Cerebellum
	0.85013193	Brain_Substantia_nigra	2.827501337	0.203759196		

	0.203759196	-0.754648525	0.621034836	0.049283496	0.645820182
	4	0	0.998207054		
CAPS	ENSG00000105519.15	0.669407914	6	4	0.121609573
	Brain_Cerebellar_Hemisphere	0.545855544			Brain_Nucleus_accumbens_basal_ganglia
	4.668770992	0.030186989	0.218988121	0.603982098	1.548052847
	1.103337882	0.310020981	4	0	0.998207054
NOTCH3	ENSG00000074181.8	0.669621331	1	1	0.669621331
	Brain_Frontal_Cortex_BA9	0.669621331			Brain_Frontal_Cortex_BA9
	1	-0.426667768	-0.426667768	-0.426667768	NA
	0.998207054			1	0
RP11-39704.1	ENSG00000229206.3	0.669653458	2	2	0.465052717
	Brain_Caudate_basal_ganglia	0.626978695			Brain_Cerebellar_Hemisphere
	1.043111818	0.956888182	0.956888182	-0.48598374	0.730552202
	0.122284231	0.860220814	2	0	0.998207054
PCDHB12	ENSG00000120328.6	0.669656868	7	2	0.289253021
	Brain_Hippocampus	0.880044705			Brain_Hypothalamus
	4.94E-07	0.642246397	-1.059761709	0.150912544	6.128276226
	0.3880727	2	0	0.998207054	-0.601119195
LINC01315	ENSG00000229891.1	0.669836196	2	2	0.440343435
	Brain_Cerebellum	0.808794366			Brain_Putamen_basal_ganglia
	0.744792198	0.744792198	-0.771613401	0.241981671	1.255207802
	0.716719949	2	0	0.998207054	-0.264815865
CYFIP2	ENSG00000055163.19	0.66983813	1	1	0.66983813
	Brain_Cerebellum	1	1	0.426370175	Brain_Cerebellum
	0.66983813	0.426370175	NA	1	0.426370175
	0.426370175	NA	1	0	0.998207054
ASF1A	ENSG00000111875.7	0.669872791	3	3	0.294353931
	Brain_Cerebellum	0.675732908			Brain_Cerebellar_Hemisphere
	0.227351267	-1.04861808	0.460699148	-0.335403977	1.868536436
	3	0	0.998207054		0.227351267
					0.758065014
TECTB	ENSG00000119913.4	0.669923407	9	3	0.152972953
	Brain_Putamen_basal_ganglia	0.541560714			Brain_Anterior_cingulate_cortex_BA24
	7.742023142	8.77E-05	0.280543154	-1.429108839	-0.610454592
	-1.042915031	0.236682762	3	0	0.998207054
SMG1	ENSG00000157106.16	0.669933918	2	1	0.602767564
	Brain_Cerebellum	0.740501651			Brain_Cerebellar_Hemisphere
	1.995950073	-0.520424749	-0.331189102	-0.425806926	1.995950073
	1	0	0.998207054		0.004049927
					0.133809809
CDKN3	ENSG00000100526.19	0.670163933	1	1	0.670163933
	Brain_Nucleus_accumbens_basal_ganglia	0.670163933			Brain_Nucleus_accumbens_basal_ganglia
	0.42592303	NA	1	0	0.42592303
	0.42592303	NA	1	0	0.998207054
CLINT1	ENSG00000113282.13	0.670210546	1	1	0.670210546
	Brain_Amygdala	0.670210546			Brain_Amygdala
	-0.425859063	-0.425859063	NA	1	1
			NA	1	0
					0.998207054
CMBL	ENSG00000164237.8	0.6703604	1	1	0.6703604
	Brain_Cerebellar_Hemisphere	0.6703604			Brain_Cerebellar_Hemisphere
	-0.425653431	-0.425653431	NA	1	0
			NA	1	0
					0.998207054
CSTF3	ENSG00000176102.11	0.670364789	2	2	0.522065942
	Brain_Anterior_cingulate_cortex_BA24	0.560087656			Brain_Spinal_cord_cervical_c-1
	Brain_Spinal_cord_cervical_c-1	1.063386525			0.936613475
	-0.640164066	0.582711313	-0.028726377	0.864703473	0.936613475
	0.998207054				2
					0
FIP1L1	ENSG00000145216.15	0.670421668	1	1	0.670421668
	Brain_Hypothalamus	0.670421668			Brain_Hypothalamus
	0.425569364	0.425569364	0.425569364	NA	1
				1	0
					0.998207054
NMNAT3	ENSG00000163864.15	0.670616671	7	7	0.118255803
	Brain_Hippocampus	0.756111646			Brain_Frontal_Cortex_BA9
	0.129728166	0.129728166	-1.193455417	1.562136638	2.245935396
	0.972422842	7	0	0.998207054	0.301467132
RP11-315D16.4	ENSG00000260657.2	0.670681172	12	5	0.43254523
	Brain_Cerebellar_Hemisphere	0.994168872			Brain_Spinal_cord_cervical_c-1
	8.307577478	0.002982912	0.402102312	-0.784843674	0.719139623

	-0.042718688	0.461344335	5	0	0.998207054				
ZNF74	ENSG00000185252.18	0.670746843	1	1	0.670746843				
	Brain_Anterior_cingulate_cortex_BA24	0.670746843							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.425123232				
	0.425123232	0.425123232	NA	1	0	0.998207054			
NFYB	ENSG00000120837.7	0.670803335	4	4	0.442888138	Brain_Cortex			
	0.999167301	Brain_Cerebellum	2.525775205		0.19926633	0.19926633			
	-0.767325285	0.530384637	0.041858196		0.584740266	4	0		
	0.998207054								
RP11-225B17.2	ENSG00000273014.1	0.671139299	4	4	0.19666584				
	Brain_Anterior_cingulate_cortex_BA24	0.789653716			Brain_Caudate_basal_ganglia				
	2.559157407	0.34171964	0.34171964	0.266760309	1.291109126				
	0.699894571	0.438091093	4	0	0.998207054				
RP11-273G15.2	ENSG00000247317.3	0.671165113	10	5	0.157981213				
	Brain_Cerebellar_Hemisphere	0.852590908	Brain_Hypothalamus	7.262691251					
	0.000755051	0.243945303	-1.411893869	-0.185813639	-1.101451944				
	0.357225705	5	0	0.998207054					
PTPN2	ENSG00000175354.18	0.671176129	1	1	0.671176129				
	Brain_Nucleus_accumbens_basal_ganglia	0.671176129							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.424534392				
	-0.424534392	-0.424534392	NA	1	0	0.998207054			
C2CD2	ENSG00000157617.16	0.671223646	1	1	0.671223646				
	Brain_Spinal_cord_cervical_c-1	0.671223646	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.424469224	-0.424469224	-0.424469224	NA	1	0
	0.998207054								
RP11-286B14.1	ENSG00000228971.2	0.671230727	3	3	0.368634177				
	Brain_Frontal_Cortex_BA9	0.99600062	Brain_Substantia_nigra	1.943909253					
	0.158768681	0.158768681	0.0050125	0.899034701	0.396425399				
	0.457266229	3	0	0.998207054					
GLRX5	ENSG00000182512.4	0.67126059	7	7	0.123675176				
	Brain_Spinal_cord_cervical_c-1	0.989664568	Brain_Putamen_basal_ganglia						
	3.084721004	0.2214626	0.2214626	-0.868370499	1.539529113	0.10501859			
	0.755361215	7	0	0.998207054					
SLC6A7	ENSG00000011083.8	0.671266622	3	3	0.296632475				
	Brain_Cerebellar_Hemisphere	0.692292315	Brain_Cerebellum	1.515943027					
	0.481264063	0.481264063	-0.627903293	1.043682141	0.270508329				
	0.842800598	3	0	0.998207054					
CCDC144NL	ENSG00000205212.3	0.671384471	11	5	0.205934423				
	Brain_Hypothalamus	0.822255251	Brain_Frontal_Cortex_BA9	5.865797878					
	0.002578499	0.281401113	0.224645262	1.264824007	0.851315127				
	0.365640869	5	0	0.998207054					
CLIC6	ENSG00000159212.12	0.671423257	9	4	0.211170985				
	Brain_Putamen_basal_ganglia	0.623430661	Brain_Cortex	6.715440963					
	0.000771335	0.300417927	-1.250352016	-0.490994043	-0.97036535				
	0.295864475	4	0	0.998207054					
HES4	ENSG00000188290.10	0.671487953	1	1	0.671487953	Brain_Cortex			
	0.671487953	Brain_Cortex	1	1	1	-0.424106763	-0.424106763		
	-0.424106763	NA	1	0	0.998207054				
PSD4	ENSG00000125637.15	0.671488624	7	2	0.37599665				
	Brain_Spinal_cord_cervical_c-1	0.837321169	Brain_Caudate_basal_ganglia						
	5.250243706	0.011131345	1.358656629	-0.885296662	0.205321216				
	-0.584741098	0.394681151	2	0	0.998207054				
GGA2	ENSG00000103365.15	0.671494578	1	1	0.671494578				
	Brain_Nucleus_accumbens_basal_ganglia	0.671494578							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.424097679				
	-0.424097679	-0.424097679	NA	1	0	0.998207054			
PSMD11	ENSG00000108671.9	0.671516557	1	1	0.671516557				
	Brain_Hypothalamus	0.671516557	Brain_Hypothalamus	1	1	1			
	-0.42406754	-0.42406754	-0.42406754	NA	1	0	0.998207054		
CA4	ENSG00000167434.9	0.671564242	2	2	0.380494764				
	Brain_Caudate_basal_ganglia	0.89918888	Brain_Frontal_Cortex_BA9	1.043384827					
	0.956615173	0.956615173	-0.126686059	0.87698504	0.37514949				

	0.709702641	2	0	0.998207054					
CROCC	ENSG00000058453.16		0.671603611	11	9	0.086450274			
	Brain_Hypothalamus		0.739595457			Brain_Substantia_nigra		4.214702242	
	0.072715001	0.292631901		-0.713680186		1.714427325		0.946744452	
	0.677468869	9	0	0.998207054					
PLEKHH2	ENSG00000152527.13		0.671774779	11	8	0.057084309			
	Brain_Spinal_cord_cervical_c-1		0.867687399						
	Brain_Anterior_cingulate_cortex_BA24		5.253013297			0.05549106		0.175343769	
	-0.814924815	1.902664711		0.430817795		0.722659474		8	0
	0.998207054								
KRT31	ENSG00000094796.4		0.671826357	5	5	0.199460114			
	Brain_Cerebellar_Hemisphere		0.657471028			Brain_Anterior_cingulate_cortex_BA24			
	2.323662066	0.079791633		0.079791633		0.443407478		1.283091236	
	0.859454975	0.321662202		5	0	0.998207054			
PJA2	ENSG00000198961.9		0.671933368	5	5	0.196051687			
	Brain_Anterior_cingulate_cortex_BA24		0.817340613			Brain_Hippocampus			
	1.279244502	0.700981643		0.700981643		-1.292882542		0.71618691	
	-0.228517597	0.85429306	5	0	0.998207054				
RP11-1055B8.2	ENSG00000263154.1		0.671951506	9	8	0.062007789			
	Brain_Spinal_cord_cervical_c-1		0.834996636			Brain_Putamen_basal_ganglia			
	3.945604455	0.019577251		0.221853845		-1.866240044		0.208297561	
	-0.956513604	0.567652135		8	0	0.998207054			
RP11-473M20.16	ENSG00000261889.1		0.671978026	1	1	0.671978026			
	Brain_Hippocampus		0.671978026			Brain_Hippocampus		1	1
	-0.423434846	-0.423434846		-0.423434846		NA	1	0	0.998207054
LINC01732	ENSG00000237292.1		0.671990929	1	1	0.671990929			
	Brain_Hippocampus		0.671990929			Brain_Hippocampus		1	1
	-0.423417157	-0.423417157		-0.423417157		NA	1	0	0.998207054
KLRG1	ENSG00000139187.9		0.672020746	12	1	0.478528593			
	Brain_Hippocampus		0.833638356			Brain_Anterior_cingulate_cortex_BA24			
	11.65286407	9.08E-05		11.65286407		0.210037563		0.708671116	
	0.417964029	0.139573677		1	0	0.998207054			
CCDC110	ENSG00000168491.9		0.672126127	9	2	0.450423324			
	Brain_Hippocampus		0.993279697			Brain_Cortex		7.97732429	0.001210268
	0.277626888	-0.382853684		0.754709469		0.292198615		0.3373016	2
	0	0.998207054							
RP11-65J3.3	ENSG00000230676.1		0.672339417	1	1	0.672339417			
	Brain_Nucleus_accumbens_basal_ganglia		0.672339417						
	Brain_Nucleus_accumbens_basal_ganglia		1	1	1	0.422939481			
	0.422939481	0.422939481		NA	1	0		0.998207054	
SNAPC5	ENSG00000174446.12		0.672359792	5	5	0.194922786			
	Brain_Hippocampus		0.980963619			Brain_Anterior_cingulate_cortex_BA24			
	1.863722314	0.426531367		0.426531367		-0.375298824		1.296152979	
	0.317250684	0.685471824		5	0	0.998207054			
LINC00159	ENSG00000230323.5		0.672562757	2	2	0.393848456			
	Brain_Cerebellar_Hemisphere		0.799531015			Brain_Frontal_Cortex_BA9			
	1.004124527	0.995875473		0.995875473		0.253954105		0.852658961	
	0.553306533	0.423348263		2	0	0.998207054			
RP11-662J14.1	ENSG00000258418.1		0.672624099	1	1	0.672624099			
	Brain_Cortex		0.672624099			Brain_Cortex		1	1
	0.422549335	0.422549335		NA	1	0		0.998207054	
RP11-503C24.2	ENSG00000237987.1		0.672626614	2	1	0.610704684			
	Brain_Caudate_basal_ganglia		0.747097602			Brain_Putamen_basal_ganglia		1.93635493	
	0.06364507	1.93635493		-0.509067824		-0.322468758		-0.415768291	
	0.131945465	1	0	0.998207054					
RP11-28H5.2	ENSG00000271983.1		0.672641296	1	1	0.672641296			
	Brain_Putamen_basal_ganglia		0.672641296			Brain_Putamen_basal_ganglia		1	1
	1	-0.422525768		-0.422525768		-0.422525768		NA	1
	0.998207054							0	
LTA4H	ENSG00000111144.9		0.672661332	1	1	0.672661332			
	Brain_Substantia_nigra		0.672661332			Brain_Substantia_nigra		1	1
	1	0.422498312		0.422498312		0.422498312		NA	1
								0	

0.998207054
RP11-534L20.5 ENSG00000261000.1 0.672695726 5 2 0.295776718
Brain_Caudate_basal_ganglia 0.471589351 Brain_Putamen_basal_ganglia
4.636815183 0.013526926 0.254889912 -1.045532953 -0.71989548
-0.842393649 0.129506105 2 0 0.998207054
PTDSS2 ENSG00000174915.11 0.672704457 6 3 0.436600382
Brain_Cortex 0.945910033 Brain_Frontal_Cortex_BA9 5.166030202
0.022907927 0.259697635 -0.777946791 0.210906283 -0.377961366
0.398516083 3 0 0.998207054
SMCP ENSG00000163206.5 0.672735912 3 1 0.535365053
Brain_Cerebellar_Hemisphere 0.823716161 Brain_Cerebellum 2.840492685
0.06907936 2.840492685 0.222767889 0.619837082 0.410603076
0.199397638 1 0 0.998207054
SERPINC1 ENSG00000117601.13 0.672773964 9 1 0.295067666
Brain_Putamen_basal_ganglia 0.836379404 Brain_Nucleus_accumbens_basal_ganglia
8.43774225 0.00035201 8.43774225 -1.047069195 -0.206526837 -0.414805399
0.244619031 1 0 0.998207054
GPIHBP1 ENSG00000277494.1 0.672802202 13 8 0.091516847
Brain_Hypothalamus 0.931066524 Brain_Amygdala 6.810653318
0.006171717 0.341256989 -1.687450052 1.101469601 -0.189728873
0.700244713 8 0 0.998207054
MXD1 ENSG00000059728.10 0.672802784 1 1 0.672802784
Brain_Frontal_Cortex_BA9 0.672802784 Brain_Frontal_Cortex_BA9 1 1
1 -0.422304486 -0.422304486 -0.422304486 NA 1 0
0.998207054
RP11-321L2.1 ENSG00000231460.2 0.672830197 1 1 0.672830197
Brain_Cerebellar_Hemisphere 0.672830197 Brain_Cerebellar_Hemisphere 1 1
1 -0.422266925 -0.422266925 -0.422266925 NA 1 0
0.998207054
DDX50 ENSG00000107625.12 0.672870977 4 4 0.290178029
Brain_Nucleus_accumbens_basal_ganglia 0.762373829 Brain_Substantia_nigra
1.110378193 0.922732267 0.922732267 -1.057731152 0.321782857
-0.343524815 0.758572582 4 0 0.998207054
C2orf49 ENSG00000135974.9 0.672876671 1 1 0.672876671
Brain_Cortex 0.672876671 Brain_Cortex 1 1 1 0.422203248
0.422203248 0.422203248 NA 1 0 0.998207054
TBC1D13 ENSG00000107021.15 0.672978873 1 1 0.672978873
Brain_Anterior_cingulate_cortex_BA24 0.672978873
Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.42206322 0.42206322
0.42206322 NA 1 0 0.998207054
RP11-508N22.12 ENSG00000272983.1 0.673137414 12 2 0.353270543
Brain_Caudate_basal_ganglia 0.669347993 Brain_Cerebellar_Hemisphere
10.75572005 0.001035762 0.430047803 0.427043021 0.928264192
0.749604687 0.138727652 2 0 0.998207054
SUGP1 ENSG00000105705.15 0.673244132 2 2 0.47460579 Brain_Cortex
0.62940241 Brain_Hippocampus 1.06372684 0.93627316 0.93627316 -0.482568134
0.715005265 0.116218565 0.846812271 2 0 0.998207054
FLOT1 ENSG00000137312.14 0.673253136 8 8 0.339201766
Brain_Hippocampus 0.974080606 Brain_Cerebellum 3.925958463
0.160560488 0.160560488 -0.955743646 0.855270728 0.083190754
0.589973053 8 0 0.998207054
AMIGO2 ENSG00000139211.6 0.673268942 3 3 0.244036813
Brain_Spinal_cord_cervical_c-1 0.601277156 Brain_Cerebellum 1.440352185
0.576255255 0.576255255 -0.522564779 1.164955977 0.422137612
0.861684075 3 0 0.998207054
NKX2-5 ENSG00000183072.9 0.673485206 2 2 0.431966066
Brain_Cerebellum 0.681629567 Brain_Cerebellar_Hemisphere 1.007301307
0.992698693 0.992698693 0.410240455 0.785831746 0.5980361
0.265583148 2 0 0.998207054
MYO15A ENSG00000091536.16 0.673553652 8 4 0.364073375
Brain_Caudate_basal_ganglia 0.953854966 Brain_Hypothalamus 5.255262484
0.002708307 0.284496173 -0.907630689 0.821746306 0.356394319

0.56742563	4	0	0.998207054						
PFAS	ENSG00000178921.13		0.673981698	2	2	0.375911145			
	Brain_Caudate_basal_ganglia	0.523584312				Brain_Cortex	1.771520219		
	0.228479781	0.228479781	-0.88545525			-0.637830057	-0.761642653		
	0.175097453	2	0	0.998207054					
KATNAL1	ENSG00000102781.13		0.674003371	5	5	0.19921065			
	Brain_Putamen_basal_ganglia	0.84300927				Brain_Cerebellum	2.46665589	0.139740556	
	0.139740556	-1.283803695	0.675476454			-0.182780017	0.801237783		
	5	0	0.998207054						
ZNHIT6	ENSG00000117174.10		0.674096302	6	5	0.342699622			
	Brain_Cerebellum	0.999927905				Brain_Cortex	4.231251365	0.129071188	
	0.157342263	-0.948844664	0.212389568			-0.358165006	0.466748687		
	5	0	0.998207054						
RP11-81A22.5	ENSG00000262165.2		0.674197354	13	1	0.502668962			
	Brain_Putamen_basal_ganglia	0.852288943				Brain_Cerebellum	12.51540519		
	0.000322191	12.51540519	0.186198701			0.670296242	0.412441915		
	0.158692295	1	0	0.998207054					
LRRC8B	ENSG00000197147.13		0.674228852	6	5	0.103595584			
	Brain_Frontal_Cortex_BA9	0.610849854				Brain_Hippocampus	2.7940721		
	0.042338032	0.190251146	-1.413104069			1.627666672	-0.083438173		
	1.206503183	5	0	0.998207054					
MED16	ENSG00000175221.14		0.674270668	5	3	0.471421757		Brain_Cortex	
	0.702430309	Brain_Hypothalamus	3.727896685			0.01187706	0.403842279		
	-0.382041869	0.720167687	0.355849073			0.430474049	3	0	
	0.998207054								
CABIN1	ENSG00000099991.17		0.674294872	2	2	0.458795875			
	Brain_Cerebellar_Hemisphere	0.839841186				Brain_Frontal_Cortex_BA9			
	1.726551276	0.273448724	0.273448724			0.202096625	0.740831068		
	0.471463847	0.380942778	2	0	0.998207054				
MPLKIP	ENSG00000168303.6		0.67430233	1	1	0.67430233		Brain_Cortex	
	0.67430233	Brain_Cortex	1	1	1	0.420250687	0.420250687		
	0.420250687	NA	1	0	0.998207054				
PGBD1	ENSG00000137338.5		0.674307464	7	6	0.170159402			
	Brain_Anterior_cingulate_cortex_BA24	0.703171467				Brain_Cerebellar_Hemisphere			
	3.255129289	0.042385517	0.218899885			-0.412999728	1.371691801		
	0.622586487	0.571410337	6	0	0.998207054				
PRKG1	ENSG00000185532.15		0.674412147	12	6	0.094211889			
	Brain_Hypothalamus	0.964096479				Brain_Spinal_cord_cervical_c-1			
	7.877035818	0.004009006	0.382044495			-0.325269598	1.673586521		
	0.303182455	0.535535897	6	0	0.998207054				
KRTAP5-10	ENSG00000204572.9		0.674457027	5	2	0.310517524			
	Brain_Nucleus_accumbens_basal_ganglia	0.797732639				Brain_Hippocampus			
	4.00634203	0.000659645	0.950629427			-1.014136708	-0.256282591		
	-0.754217108	0.295450813	2	0	0.998207054				
PLA2G4E	ENSG00000188089.13		0.674506527	1	1	0.674506527			
	Brain_Caudate_basal_ganglia	0.674506527				Brain_Caudate_basal_ganglia	1	1	
	1	-0.419971153	-0.419971153			-0.419971153	NA	1	0
	0.998207054								
SGO2	ENSG00000163535.17		0.674536224	2	2	0.37906296		Brain_Cortex	
	0.951681069	Brain_Hypothalamus	1.064006205			0.935993795			
	0.935993795	0.060595862	0.879624134			0.470109998	0.579140445		
	2	0	0.998207054						
NOL6	ENSG00000165271.16		0.674578092	11	5	0.439532544		Brain_Cortex	
	0.998015109	Brain_Hippocampus	8.087726835			0.02655086	0.277690766		
	-0.772982826	0.598546809	-0.119582717			0.44714284	5	0	
	0.998207054								
UBE2E3	ENSG00000170035.15		0.674643031	3	3	0.37604615			
	Brain_Cerebellar_Hemisphere	0.730086225				Brain_Cerebellum	1.206944733		
	0.855355901	0.855355901	-0.885204863			0.683784442	0.047863471		
	0.825623569	3	0	0.998207054					
SF3B5	ENSG00000169976.6		0.674802728	1	1	0.674802728			
	Brain_Caudate_basal_ganglia	0.674802728				Brain_Caudate_basal_ganglia	1	1	

	1	-0.41956573	-0.41956573	-0.41956573	NA	1	0
		0.998207054					
MED4	ENSG00000136146.14	0.674870462	2	2	0.397042653		
	Brain_Cerebellar_Hemisphere	0.40511927	Brain_Cerebellum	1.794277543			
	0.205722457	-0.205722457	-0.846914728	-0.832513307	-0.839714017		
	0.010183343	2	0	0.998207054			
MYOF	ENSG00000138119.16	0.674907531	2	2	0.478391705		
	Brain_Spinal_cord_cervical_c-1	0.752076418	Brain_Caudate_basal_ganglia				
	1.276589657	0.723410343	0.723410343	-0.708891669	0.315902627		
	-0.196494521	0.724638997	2	0	0.998207054		
LINC02177	ENSG00000261617.1	0.674908462	7	3	0.481547662		
	Brain_Cortex	0.965754557	Brain_Putamen_basal_ganglia	5.816371794			
	0.042069436	0.360570223	-0.703815529	-0.042933484	-0.395147094		
	0.283410286	3	0	0.998207054			
PINLYP	ENSG00000234465.10	0.674925874	11	5	0.221723934		
	Brain_Cortex	0.995814275	Brain_Frontal_Cortex_BA9	7.172924868			
	0.001083669	0.296627897	-1.221956878	0.938323534	0.049279717		
	0.652270174	5	0	0.998207054			
HERPUD1	ENSG00000051108.14	0.67520073	1	1	0.67520073		
	Brain_Frontal_Cortex_BA9	0.67520073	Brain_Frontal_Cortex_BA9	1	1	1	
	-0.419021075	-0.419021075	-0.419021075	NA	1	0	0.998207054
TSPAN15	ENSG00000099282.9	0.67523093	10	9	0.154454442		
	Brain_Frontal_Cortex_BA9	0.963729835	Brain_Substantia_nigra				
	3.862297216	0.09322913	0.131118679	-1.423972468	0.657546712		
	-0.234944867	0.655318763	9	0	0.998207054		
PLIN1	ENSG00000166819.11	0.675317747	6	5	0.154169304		
	Brain_Frontal_Cortex_BA9	0.965962229	Brain_Nucleus_accumbens_basal_ganglia				
	2.752983431	0.040959253	0.298182364	-1.424958132	0.042672967		
	-0.645005943	0.559060231	5	0	0.998207054		
FAM184B	ENSG00000047662.4	0.675406079	3	2	0.493066114		
	Brain_Cerebellum	0.869779385	Brain_Caudate_basal_ganglia	2.769169972			
	0.06707805	0.163751977	-0.16393872	0.685440312	0.374787134		
	0.468373829	2	0	0.998207054			
PGP	ENSG00000184207.8	0.675581996	1	1	0.675581996		
	Brain_Nucleus_accumbens_basal_ganglia	0.675581996					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.41849944		
	-0.41849944	-0.41849944	NA	1	0	0.998207054	
TM9SF4	ENSG00000101337.15	0.675683937	1	1	0.675683937		
	Brain_Hippocampus	0.675683937	Brain_Hippocampus	1	1	1	
	-0.418359987	-0.418359987	-0.418359987	NA	1	0	0.998207054
FRMD3	ENSG00000172159.15	0.67572704	2	2	0.385336388		
	Brain_Cerebellar_Hemisphere	0.739615883	Brain_Spinal_cord_cervical_c-1				
	1.185753573	0.814246427	0.814246427	0.332362061	0.868105852		
	0.600233956	0.378828068	2	0	0.998207054		
QSOX1	ENSG00000116260.16	0.675767468	4	3	0.537485793		
	Brain_Cerebellar_Hemisphere	0.980170784	Brain_Nucleus_accumbens_basal_ganglia				
	3.456482104	0.03072896	0.173564146	-0.616619403	0.323985433		
	-0.024144646	0.413433428	3	0	0.998207054		
STK35	ENSG00000125834.12	0.675826774	3	3	0.321385834		
	Brain_Frontal_Cortex_BA9	0.753663544	Brain_Cerebellum	1.247326954			
	0.804414682	0.804414682	-0.991614048	0.313812377	-0.435536719		
	0.673832338	3	0	0.998207054			
FAM46A	ENSG00000112773.15	0.675838229	2	2	0.766576299		
	Brain_Cerebellar_Hemisphere	0.929436492	Brain_Cerebellum	1.903820618			
	0.096179382	0.096179382	-0.296856198	0.088553843	-0.104151177		
	0.272526054	2	0	0.998207054			
AC007386.2	ENSG00000237638.1	0.675860439	3	3	0.262930395		
	Brain_Cerebellum	0.38923038	Brain_Caudate_basal_ganglia	2.007397905			
	0.411888242	0.411888242	0.861013913	1.119491781	0.981327302		
	0.130160279	3	0	0.998207054			
NLRP6	ENSG00000174885.12	0.676053668	1	1	0.676053668		
	Brain_Spinal_cord_cervical_c-1	0.676053668	Brain_Spinal_cord_cervical_c-1				

1	1	1	0.417854271	0.417854271	0.417854271	NA	1	0
0.998207054								
FAM98C	ENSG00000130244.12	0.676081382	7	4	0.485135346			
	Brain_Cerebellum	0.907798976			Brain_Putamen_basal_ganglia	5.552015365		
	0.0006835	0.262030921	-0.565662511	0.698066917	-0.216806998			
	0.438523728	4	0	0.998207054				
KRTCAP2	ENSG00000163463.11	0.676183828	1	1	0.676183828			
	Brain_Substantia_nigra	0.676183828			Brain_Substantia_nigra	1	1	
	1	-0.417676265	-0.417676265	-0.417676265	NA	1	0	
0.998207054								
LINC01896	ENSG00000263146.2	0.676459423	1	1	0.676459423			
	Brain_Caudate_basal_ganglia	0.676459423			Brain_Caudate_basal_ganglia	1	1	
	1	-0.417299406	-0.417299406	-0.417299406	NA	1	0	
0.998207054								
CDKN2AIPNL	ENSG00000237190.3	0.676571097	8	8	0.075341193			
	Brain_Cortex	0.937122528			Brain_Hypothalamus	1.70392172	0.478493258	
	0.478493258	-0.827780924	1.778381661	0.355746817	0.846432556			
	8	0	0.998207054					
SSRP1	ENSG00000149136.8	0.676626542	2	2	0.386715929			
	Brain_Cerebellar_Hemisphere	0.437116083			Brain_Cerebellum	1.764446709		
	0.235553291	0.235553291	0.777072355	0.865588382	0.821330368			
	0.062590283	2	0	0.998207054				
LINC01537	ENSG00000227467.3	0.676692633	8	7	0.45746627			
	Brain_Nucleus_accumbens_basal_ganglia	0.713902603						
	Brain_Anterior_cingulate_cortex_BA24	2.919681946			0.043833216			
	0.244102593	-0.743025455	0.72080482	-0.093170113	0.691612958		7	
	0	0.998207054						
CCDC138	ENSG00000163006.11	0.676832985	1	1	0.676832985			
	Brain_Cerebellum	0.676832985			Brain_Cerebellum	1	1	0.416788677
	0.416788677	0.416788677	NA	1	0	0.998207054		
RBM27	ENSG00000091009.7	0.676920918	1	1	0.676920918			
	Brain_Cerebellar_Hemisphere	0.676920918			Brain_Cerebellar_Hemisphere	1	1	
	1	0.416668472	0.416668472	0.416668472	NA	1	0	
0.998207054								
HBEGF	ENSG00000113070.7	0.676950123	2	2	0.381319469			
	Brain_Frontal_Cortex_BA9	0.9343064			Brain_Substantia_nigra	1.040269271		
	0.959730729	0.959730729	-0.082427963	0.875467715	0.396519876			
	0.67733453	2	0	0.998207054				
ZNF236	ENSG00000130856.15	0.677194321	4	3	0.263743071			
	Brain_Spinal_cord_cervical_c-1	0.784625771			Brain_Putamen_basal_ganglia			
	2.124399674	0.056701996	0.827529553	-1.117587826	-0.273295895			
	-0.644921405	0.349650396	3	0	0.998207054			
F11R	ENSG00000158769.17	0.677245299	6	4	0.229285773			
	Brain_Cerebellar_Hemisphere	4.470542862			Brain_Cortex	0.022781899		
	0.271650241	-0.009549021	1.202200713	0.549649692	0.483452138			
	4	0	0.998207054					
AAAS	ENSG00000094914.12	0.677250932	1	1	0.677250932			
	Brain_Cortex	1	1	1	-0.416217395	-0.416217395		
	-0.416217395	NA	1	0	0.998207054			
NDUFA3	ENSG00000170906.15	0.677290438	11	3	0.443071562			
	Brain_Hippocampus	0.812495331			Brain_Hypothalamus	9.04445734	0.00236331	
	0.406627682	-0.767016741	0.694786698	0.16696376	0.481300926		3	
	0	0.998207054						
IGFL4	ENSG00000204869.8	0.677300151	1	1	0.677300151			
	Brain_Hypothalamus	0.677300151			Brain_Hypothalamus	1	1	1
	-0.416150127	-0.416150127	-0.416150127	NA	1	0	0.998207054	
DENR	ENSG00000139726.10	0.677376829	1	1	0.677376829			
	Brain_Cerebellum	1	1	1	-0.416045336	-0.416045336		
	-0.416045336	NA	1	0	0.998207054			
RP11-1C8.7	ENSG00000271830.1	0.677469316	12	1	0.468762473			
	Brain_Frontal_Cortex_BA9	0.915933122			Brain_Amygdala	11.37416538		
	0.004292659	11.37416538	-0.72449406	-0.105557909	-0.40198367			

	0.238722536	1	0	0.998207054					
CACUL1	ENSG00000151893.14			0.677493467	5	4	0.167947313		
	Brain_Hippocampus		0.605651212				Brain_Cerebellum	3.515127079	
	0.071695534	0.134862097		0.516290956			1.378829553		0.786310409
	0.341840822	4	0	0.998207054					
KNG1	ENSG00000113889.11			0.677639764	2	1	0.670733575		
	Brain_Frontal_Cortex_BA9		0.688817091				Brain_Cortex	1.972336202	
	0.027663798	1.972336202		-0.425141434			-0.40046088		-0.412801157
	0.017451787	1	0	0.998207054					
SPSB4	ENSG00000175093.4			0.677718137	1	1	0.677718137		
	Brain_Hippocampus		0.677718137				Brain_Hippocampus	1	1
	0.415578944	0.415578944		0.415578944			NA	1	0
									0.998207054
SMCO2	ENSG00000165935.9			0.677838903	4	4	0.243934754		
	Brain_Caudate_basal_ganglia		0.818978523				Brain_Cerebellar_Hemisphere		
	1.793336748	0.490117905		0.490117905			-1.165208135		0.5359323
	-0.398727023	0.731257312		4	0	0.998207054			
EPS8L1	ENSG00000131037.14			0.677889729	4	4	0.318178796		
	Brain_Cerebellum		0.662630241				Brain_Frontal_Cortex_BA9	2.403083203	
	0.267373098	0.267373098		-0.644824536			0.998207405		0.369776365
	0.714363925	4	0	0.998207054					
WFS1	ENSG00000109501.13			0.677916001	3	3	0.36541459	Brain_Hippocampus	
	0.741623871	Brain_Cerebellum	1.899065515				0.102947633		0.102947633
	0.329703683	0.905095888		0.622931744			0.287855615		3
	0.998207054								0
NIPAL	ENSG00000170113.15			0.677927854	6	6	0.320991196		
	Brain_Caudate_basal_ganglia		0.810801103				Brain_Hippocampus	1.724701412	
	0.287035281	0.287035281		-0.992423058			0.882072642		0.307456169
	0.756150062	6	0	0.998207054					
TSKU	ENSG00000182704.7			0.677960327	4	4	0.316297557		
	Brain_Caudate_basal_ganglia		0.787224482				Brain_Cerebellar_Hemisphere		
	1.636476853	0.319941686		0.319941686			-0.683438003		1.002095322
	0.298204199	0.719616574		4	0	0.998207054			
MLXIP	ENSG00000175727.13			0.678002459	2	2	0.53205959	Brain_Cerebellum	
	0.604791284	Brain_Cerebellar_Hemisphere	1.155001885				0.844998115		
	0.844998115	0.517522762		0.624865115			0.571193938		0.075902505
	2	0	0.998207054						
TWF1	ENSG00000151239.13			0.678019278	1	1	0.678019278		
	Brain_Caudate_basal_ganglia		0.678019278				Brain_Caudate_basal_ganglia	1	1
	1	-0.415167514		-0.415167514			NA	1	0
	0.998207054								
MAML1	ENSG00000161021.11			0.678122528	1	1	0.678122528	Brain_Cortex	
	0.678122528	Brain_Cortex	1	1	1		0.415026467		0.415026467
	0.415026467	NA	1	0	0.998207054				
RP5-1125A11.7	ENSG00000276073.1			0.678145062	13	3	0.288685316		
	Brain_Spinal_cord_cervical_c-1		0.936074933						
	Brain_Anterior_cingulate_cortex_BA24		10.73416471				0.002354126		
	0.536833668	-0.19235343		1.061010089			0.379635294		0.366028914
	3	0	0.998207054						
SGSM2	ENSG00000141258.12			0.678254262	3	1	0.670155609	Brain_Cortex	
	0.698490303	Brain_Cerebellar_Hemisphere	2.951059036				0.011614275		
	2.951059036	-0.425934453		-0.387359202			-0.411501071		0.021040522
	1	0	0.998207054						
GPR151	ENSG00000173250.2			0.678395554	1	1	0.678395554		
	Brain_Spinal_cord_cervical_c-1		0.678395554				Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.414653531			-0.414653531		NA
	0.998207054								1
									0
RBM38	ENSG00000132819.16			0.678556233	2	1	0.634070486		
	Brain_Cerebellar_Hemisphere		0.731048809				Brain_Cerebellum	1.956173098	
	0.043826902	1.956173098		-0.476005463			-0.343730716		-0.409868089
	0.09353237	1	0	0.998207054					
SMARCB1	ENSG00000099956.18			0.678596013	6	3	0.365528974		
	Brain_Hippocampus		0.995847914				Brain_Cerebellum	4.566054585	

	0.011358638	0.455814384	-0.269484314	0.904879981	0.338598832	
	0.467470754	3	0	0.998207054		
UBE2T	ENSG00000077152.9	0.678608762	3	3	0.275672273	Brain_Cortex
	0.822605019	Brain_Frontal_Cortex_BA9	1.977849629	0.361582506		
	0.361582506	0.224195713	1.090092788	0.638791119	0.434113981	
	3	0	0.998207054			
KLHDC1	ENSG00000197776.7	0.678688953	3	3	0.474641944	
	Brain_Cerebellum	0.92130261	Brain_Amygdala	2.175838949	0.231971922	
	0.231971922	-0.714946757	0.311259943	-0.167493278	0.51654123	3
	0	0.998207054				
SUN2	ENSG00000100242.15	0.678800622	3	3	0.266247725	
	Brain_Hippocampus	0.882286509	Brain_Putamen_basal_ganglia	1.175378264		
	0.879440155	0.879440155	-1.111745188	0.456363823	-0.267817551	
	0.790882951	3	0	0.998207054		
TRMT44	ENSG00000155275.18	0.67898121	10	4	0.219969614	
	Brain_Hypothalamus	0.909703838	Brain_Anterior_cingulate_cortex_BA24			
	7.863612633	0.04340181	0.340346778	-1.226608923	-0.113412111	
	-0.661524869	0.328657675	4	0	0.998207054	
RP11-262I2.2	ENSG00000224222.1	0.679026587	2	2	0.399642492	
	Brain_Substantia_nigra	0.833905887	Brain_Cerebellum	1.052816596		
	0.947183404	0.947183404	0.209694796	0.842259899	0.525977348	
	0.447291074	2	0	0.998207054		
PLEKHH3	ENSG00000068137.14	0.679127099	2	2	0.379165693	
	Brain_Spinal_cord_cervical_c-1	0.95740221	Brain_Frontal_Cortex_BA9			
	1.085783613	0.914216387	0.914216387	-0.879434573	-0.053413801	
	-0.466424187	0.584084889	2	0	0.998207054	
TOMM40L	ENSG00000158882.14	0.679136041	1	1	0.679136041	
	Brain_Caudate_basal_ganglia	0.679136041	Brain_Caudate_basal_ganglia	1	1	
	1	-0.413642367	-0.413642367	-0.413642367	NA	1
	0.998207054					0
CD177	ENSG00000204936.9	0.679140461	1	1	0.679140461	Brain_Cerebellum
	0.679140461	Brain_Cerebellum	1	1	0.413636332	0.413636332
	0.413636332	NA	1	0	0.998207054	
ADGRF4	ENSG00000153294.11	0.679176537	2	2	0.379085354	
	Brain_Cerebellum	0.414734858	Brain_Cerebellar_Hemisphere	1.93101407	0.06898593	
	0.06898593	-0.879582811	-0.815589672	-0.847586241	0.045249982	2
	0	0.998207054				
NANP	ENSG00000170191.4	0.679204577	2	2	0.382229309	
	Brain_Caudate_basal_ganglia	0.842931659	Brain_Hypothalamus	1.112214748		
	0.887785252	0.887785252	-0.873796092	-0.198144948	-0.53597052	
	0.477757506	2	0	0.998207054		
CACNA1A	ENSG00000141837.19	0.679376945	2	2	0.379283675	
	Brain_Caudate_basal_ganglia	0.926638786	Brain_Cerebellum	1.091518361		
	0.908481639	0.908481639	-0.879216915	0.092074579	-0.393571168	
	0.686806802	2	0	0.998207054		
UBR2	ENSG00000024048.10	0.679432379	2	2	0.761340141	Brain_Cerebellum
	0.936859898	Brain_Cerebellar_Hemisphere	1.903494017	0.096505983		
	0.096505983	-0.079217157	0.303721416	0.112252129	0.270778462	
	2	0	0.998207054			
WBP2NL	ENSG00000183066.14	0.679649495	11	4	0.129958579	
	Brain_Frontal_Cortex_BA9	0.602275607	Brain_Cerebellum	8.570549173		
	0.013851524	0.30210163	0.521130871	1.514265247	0.977995576	
	0.291444673	4	0	0.998207054		
TMEM209	ENSG00000146842.16	0.679800267	1	1	0.679800267	
	Brain_Substantia_nigra	0.679800267	Brain_Substantia_nigra	1	1	
	1	0.412735698	0.412735698	0.412735698	NA	1
	0.998207054					0
NEAT1	ENSG00000245532.7	0.679965581	13	2	0.217414369	
	Brain_Substantia_nigra	0.671892257	Brain_Cortex	11.9502465	0.00092779	
	0.586605399	0.423552427	1.233432707	0.809083154	0.208295153	
	2	0	0.998207054			
WNT9B	ENSG00000158955.10	0.67998212	1	1	0.67998212	Brain_Cerebellum
					0.67998212	

	Brain_Cerebellum1	1	1	0.412487528	0.412487528	0.412487528	
	NA_1	0	0.998207054				
NTM	ENSG00000182667.14	0.67999561	6	5	0.355634876	Brain_Hippocampus	
	0.917713294	Brain_Caudate_basal_ganglia	3.87054096	0.112345582			
	0.261066983	-0.447068279	0.923714701	0.302138312	0.456452554		
	5	0	0.998207054				
ACHE	ENSG00000087085.13	0.68000889	1	1	0.68000889	Brain_Cerebellum	0.68000889
	Brain_Cerebellum1	1	1	-0.412450999	-0.412450999	-0.412450999	
	NA_1	0	0.998207054				
DIXDC1	ENSG00000150764.13	0.680068186	1	1	0.680068186		
	Brain_Hippocampus	0.680068186	Brain_Hippocampus	1	1	1	
	-0.412370085	-0.412370085	-0.412370085	NA	1	0	0.998207054
CNGA1	ENSG00000198515.13	0.680075829	13	3	0.232783969		
	Brain_Substantia_nigra	0.843762705	Brain_Amygdala	10.903637	0.01055486		
	0.447439393	-1.193218097	-0.197082849	-0.758266451	0.26392221	3	
	0	0.998207054					
SHROOM1	ENSG00000164403.14	0.680136041	2	2	0.526684932		
	Brain_Cerebellum	0.54243436	Brain_Hypothalamus	1.001174934	0.998825066		
	0.998825066	-0.633074594	-0.609135905	-0.62110525	0.016927209		
	2	0	0.998207054				
HEXA	ENSG00000213614.9	0.680227938	4	4	0.443623119		
	Brain_Spinal_cord_cervical_c-1	0.865413607	Brain_Caudate_basal_ganglia				
	2.673946625	0.225332275	0.225332275	-0.766089384	0.676996114		
	-0.042118285	0.613400748	4	0	0.998207054		
ATN1	ENSG00000111676.14	0.68036981	4	4	0.179169292	Brain_Cerebellum	
	0.747854814	Brain_Hypothalamus	1.57901928	0.472694766	0.472694766		
	-1.343317179	0.519718762	-0.381868656	0.761772388	4	0	
	0.998207054						
11-Sep	ENSG00000138758.11	0.680508371	6	4	0.194910959		
	Brain_Hippocampus	0.929427129	Brain_Cerebellum	3.187334466			
	0.043563866	0.342296626	-1.296187314	0.088565623	-0.637485799		
	0.57916804	4	0	0.998207054			
ALS2CR11	ENSG00000155754.14	0.680586645	1	1	0.680586645		
	Brain_Putamen_basal_ganglia	0.680586645	Brain_Putamen_basal_ganglia	1	1		
	1	0.411662731	0.411662731	0.411662731	NA	1	0
	0.998207054						
RP11-116D17.3	ENSG00000271579.1	0.680685495	2	2	0.476143069		
	Brain_Cerebellum	0.630061907	Brain_Nucleus_accumbens_basal_ganglia				
	1.041286809	0.958713191	0.958713191	-0.481639717	0.712519616		
	0.11543995	0.844398162	2	0	0.998207054		
NUBP2	ENSG00000095906.16	0.68075982	8	4	0.280285839	Brain_Cortex	
	0.990732372	Brain_Hippocampus	5.987908711	0.024897049			
	0.249896348	-0.231261412	1.079677449	0.359023919	0.497508068		
	4	0	0.998207054				
LINC02145	ENSG00000250490.1	0.680842373	12	3	0.154417243		
	Brain_Cortex	0.735562687	Brain_Hypothalamus	9.938759143			
	0.010893671	0.389189887	0.337735278	1.42410098	0.938757504		
	0.35025758	3	0	0.998207054			
SMKR1	ENSG00000240204.2	0.680979959	2	1	0.672102375		
	Brain_Cerebellar_Hemisphere	0.69389956	Brain_Cerebellum	1.973722657			
	0.026277343	1.973722657	-0.423264386	-0.393568611	-0.408416499		
	0.020998085	1	0	0.998207054			
TMEM161B	ENSG00000164180.13	0.681030863	2	2	0.383215524		
	Brain_Cerebellum	0.647788773	Brain_Cerebellar_Hemisphere	1.431764263			
	0.568235737	0.568235737	0.456836215	0.8719869	0.664411557		
	0.293555864	2	0	0.998207054			
ACVRL1	ENSG00000139567.12	0.681036846	1	1	0.681036846		
	Brain_Putamen_basal_ganglia	0.681036846	Brain_Putamen_basal_ganglia	1	1		
	1	0.411048672	0.411048672	0.411048672	NA	1	0
	0.998207054						
CCDC7	ENSG00000216937.13	0.681273299	6	5	0.165857242		
	Brain_Hippocampus	0.932256967	Brain_Putamen_basal_ganglia	3.540132574			

	0.106382522	0.128449514	-0.537523104	1.385638741	0.011607587
	0.689323385	5	0	0.998207054	
ABCC9	ENSG00000069431.11	0.681394839	3	3	0.271853873
	Brain_Nucleus_accumbens_basal_ganglia	0.71545562	Brain_Cortex	2.236157945	
	0.182608774	0.182608774	0.364538914	1.098803299	0.702283947
	0.370643848	3	0	0.998207054	
FLNB	ENSG00000136068.14	0.681510304	5	4	0.296502181
	Brain_Caudate_basal_ganglia	0.89291567	Brain_Cortex	3.102750045	
	0.101303392	0.195391583	-1.043963707	-0.134615773	-0.639004529
	0.356074191	4	0	0.998207054	
MED12L	ENSG00000144893.12	0.681656404	3	3	0.311293546
	Brain_Cortex	0.796571778	Brain_Nucleus_accumbens_basal_ganglia		
	1.174960997	0.825975966	0.825975966	0.257786379	1.012511511
	0.655556148	0.379014338	3	0	0.998207054
EIF4EBP3	ENSG00000243056.1	0.681669722	6	3	0.448157946
	Brain_Nucleus_accumbens_basal_ganglia	0.837852347	Brain_Frontal_Cortex_BA9		
	4.660285669	0.015172768	0.432575474	-0.758489585	0.535672226
	-0.358068695	0.477432326	3	0	0.998207054
CRHR1	ENSG00000120088.14	0.681773275	6	6	0.245841605
	Brain_Caudate_basal_ganglia	0.773884232	Brain_Nucleus_accumbens_basal_ganglia		
	2.221093957	0.257539157	0.257539157	-0.746384064	1.160509064
	0.192309029	0.797533046	6	0	0.998207054
AC090044.2	ENSG00000224239.1	0.681797758	1	1	0.681797758
	Brain_Cerebellum	0.681797758	Brain_Cerebellum1	1	1
	0.410011164	0.410011164	NA	1	0
					0.998207054
CASP5	ENSG00000137757.10	0.681823725	1	1	0.681823725
	Brain_Amygdala	1	1	1	Brain_Amygdala
	0.681823725	Brain_Amygdala	1	1	-0.409975765
	-0.409975765	NA	1	0	0.998207054
KCNK6	ENSG00000099337.4	0.68191255	2	2	0.389371929
	Brain_Nucleus_accumbens_basal_ganglia	0.985090385	Brain_Cerebellar_Hemisphere		
	1.158938217	0.841061783	0.841061783	-0.018687519	0.860756934
	0.421034707	0.621861136	2	0	0.998207054
NPIPA5	ENSG00000183793.13	0.681919149	13	9	0.38384222
	Brain_Cerebellar_Hemisphere	0.884164453	Brain_Amygdala	6.345778547	
	0.025054715	0.293017775	-0.801260181	0.87083872	-0.147251763
	0.546377423	9	0	0.998207054	
ATP5B	ENSG00000110955.8	0.682063582	1	1	0.682063582
	Brain_Caudate_basal_ganglia	0.682063582	Brain_Caudate_basal_ganglia1	1	1
	1	-0.409648815	-0.409648815	-0.409648815	NA
					1
					0
					0.998207054
NUCB2	ENSG00000070081.15	0.682138415	2	1	0.447806903
	Brain_Cerebellum				Brain_Cerebellum
	0.960620161	Brain_Cerebellar_Hemisphere1.948368183	0.051631817		
	1.948368183	-0.759076321	-0.049375364	-0.404225842	0.501834359
	1	0	0.998207054		
AQP8	ENSG00000103375.10	0.682226708	1	1	0.682226708
	Brain_Cerebellum	1	1	1	Brain_Cerebellum
	0.682226708	Brain_Cerebellum1	1	1	-0.409426483
	-0.409426483	NA	1	0	0.998207054
SLC17A8	ENSG00000179520.10	0.682296471	1	1	0.682296471
	Brain_Hippocampus	0.682296471	Brain_Hippocampus	1	1
	-0.409331406	-0.409331406	-0.409331406	NA	1
					0
					0.998207054
GSTP1	ENSG00000084207.15	0.68233463	13	2	0.427007539
	Brain_Spinal_cord_cervical_c-1	0.894210359	Brain_Frontal_Cortex_BA9		
	11.65554623	0.000839997	0.456015286	-0.794322792	-0.132978532
	-0.491768351	0.202166589	2	0	0.998207054
RNF24	ENSG00000101236.16	0.682474772	9	4	0.170908788
	Brain_Nucleus_accumbens_basal_ganglia	0.677221946	Brain_Amygdala		
	7.783950163	0.0109251	0.270282927	0.416257011	1.369289534
	0.730529091	0.301860338	4	0	0.998207054
HAUS5	ENSG00000249115.8	0.682588708	2	2	0.527153901
	Brain_Cerebellar_Hemisphere	0.546290653	Brain_Nucleus_accumbens_basal_ganglia		
	1.000201452	0.999798548	0.999798548	-0.603327784	0.632356578
	0.014514397	0.873760791	2	0	0.998207054

CNPPD1	ENSG00000115649.15	0.682612732	7	3	0.345729386				
	Brain_Cerebellar_Hemisphere	0.971346198				Brain_Substantia_nigra			
	5.967906768	0.013274541	0.267982492			-0.942905218		0.035919937	
	-0.343236042	0.307147259	3	0	0.998207054				
TESK1	ENSG00000107140.15	0.682638954	2	2	0.638951272			Brain_Cerebellum	
	0.948467361	Brain_Cerebellar_Hemisphere	1.80161885	0.19838115	0.19838115				
	-0.064631554	0.4691656	0.202267023	0.377451587	2	0			
	0.998207054								
FMO2	ENSG00000094963.13	0.682728707	11	7	0.193105198				
	Brain_Substantia_nigra	0.944577138				Brain_Cerebellar_Hemisphere			
	6.763009604	0.008798466	0.235440356			-0.772802743		1.301447866	
	0.29503346	0.65880439	7	0	0.998207054				
APOC4	ENSG00000267467.3	0.682803189	1	1	0.682803189				
	Brain_Hippocampus	0.682803189	Brain_Hippocampus	1	1	1			
	0.40864093	0.40864093	0.40864093	NA	1	0	0.998207054		
PCM1	ENSG00000078674.17	0.682809027	13	1	0.426178133				
	Brain_Hypothalamus	0.922732426	Brain_Nucleus_accumbens_basal_ganglia						
	12.2242776	0.000824848	12.2242776	-0.795748669		-0.096992405			
	-0.394525276	0.15917895	1	0	0.998207054				
IGF1R	ENSG00000140443.13	0.68285463	1	1	0.68285463	Brain_Cerebellum	0.68285463		
	Brain_Cerebellum	1	1	0.408570845	0.408570845		0.408570845		
	NA	1	0	0.998207054					
E2F4	ENSG00000205250.8	0.6831132	1	1	0.6831132	Brain_Cerebellar_Hemisphere			
	0.6831132	Brain_Cerebellar_Hemisphere	1	1	0.408218591				
	0.408218591	0.408218591	NA	1	0	0.998207054			
TIMM10B	ENSG00000132286.11	0.68323027	1	1	0.68323027				
	Brain_Nucleus_accumbens_basal_ganglia	0.68323027							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.408059122				
	-0.408059122	-0.408059122	NA	1	0	0.998207054			
ABI3BP	ENSG00000154175.16	0.683256839	8	7	0.427477611				
	Brain_Cerebellum	0.836752408	Brain_Substantia_nigra	3.980047136					
	0.036307184	0.188251056	-0.793515382	0.656007731		-0.062764786			
	0.51377955	7	0	0.998207054					
SFT2D2	ENSG00000213064.9	0.683370115	1	1	0.683370115				
	Brain_Putamen_basal_ganglia	0.683370115	Brain_Putamen_basal_ganglia	1	1				
	1	0.407868643	0.407868643	0.407868643	NA	1	0		
	0.998207054								
RP11-176H8.1	ENSG00000203546.7	0.683501349	12	4	0.501711858				
	Brain_Anterior_cingulate_cortex_BA24	0.94338477	Brain_Frontal_Cortex_BA9						
	10.05980408	0.001740687	0.379283804			-0.331107556		0.671798697	
	0.028583799	0.34370314	4	0	0.998207054				
LINC02044	ENSG00000243795.1	0.683721048	13	10	0.109485556				
	Brain_Amygdala	0.960717993	Brain_Cortex	6.004974808	0.00506636				
	0.24654184	-0.978979286	1.600509704	0.417046387	0.908110265			10	
	0	0.998207054							
GMPR	ENSG00000137198.9	0.684026569	1	1	0.684026569				
	Brain_Cerebellar_Hemisphere	0.684026569	Brain_Cerebellar_Hemisphere	1	1				
	1	0.406974702	0.406974702	0.406974702	NA	1	0		
	0.998207054								
MGAT4B	ENSG00000161013.16	0.684045196	2	2	0.486347772				
	Brain_Nucleus_accumbens_basal_ganglia	0.590244488	Brain_Cerebellum						
	1.020564617	0.979435383	0.979435383			-0.696129439		0.53848177	
	-0.078823834	0.873001958	2	0	0.998207054				
RP11-1C8.5	ENSG00000261670.1	0.68437516	4	4	0.359929668				
	Brain_Hypothalamus	0.976843492	Brain_Frontal_Cortex_BA9	1.462261427					
	0.581514848	0.581514848	-0.674479946	0.915499112	0.136106567				
	0.665912015	4	0	0.998207054					
HDHD5	ENSG00000069998.12	0.684411851	3	3	0.27770921	Brain_Cerebellum			
	0.526816593	Brain_Cerebellar_Hemisphere	1.397876747	0.732570189					
	0.732570189	0.632872981	1.08547979	0.787615045	0.25802385	3	0		
	0.998207054								
TPD52	ENSG00000076554.15	0.684462568	4	4	0.175630773				

	Brain_Putamen_basal_ganglia	0.769486107		Brain_Caudate_basal_ganglia				
	1.844833159	0.430139101	0.430139101	-0.318686041	1.354331084			
	0.656444268	0.812486507	4	0	0.998207054			
LINC02091	ENSG00000273172.1	0.684480072	3	3	0.265780694			
	Brain_Hypothalamus	0.767702021		Brain_Cerebellar_Hemisphere	1.076577871			
	0.920172194	0.920172194	-0.447878352	1.112831757	0.320111828			
	0.780648885	3	0	0.998207054				
MAFA	ENSG00000182759.3	0.684519219	2	2	0.499391499			
	Brain_Nucleus_accumbens_basal_ganglia	0.584980039						
	Brain_Spinal_cord_cervical_c-1	1.004849141		0.995150859	0.995150859			
	-0.546124967	0.675447495	0.064661264	0.863782172	2	0		
	0.998207054							
THTPA	ENSG00000259431.5	0.684581067	1	1	0.684581067			
	Brain_Frontal_Cortex_BA9	0.684581067		Brain_Frontal_Cortex_BA9	1	1		
	1	-0.406219854	-0.406219854	-0.406219854	NA	1	0	
	0.998207054							
SLC27A5	ENSG00000083807.9	0.684696191	11	9	0.069835627			
	Brain_Amygdala	0.970217132		Brain_Anterior_cingulate_cortex_BA24				
	5.818470638	0.040989511	0.195558307	-0.45379415	1.812975328			
	0.458139719	0.697863018	9	0	0.998207054			
POLRMT	ENSG00000099821.13	0.684700956	1	1	0.684700956			
	Brain_Spinal_cord_cervical_c-1	0.684700956		Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.406056678	-0.406056678	-0.406056678	NA	1
	0.998207054							
FAM78A	ENSG00000126882.12	0.684723425	1	1	0.684723425			
	Brain_Spinal_cord_cervical_c-1	0.684723425		Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.406026098	0.406026098	0.406026098	NA	1
	0.998207054							
LINC01331	ENSG00000248673.1	0.684850491	2	2	0.401453389			
	Brain_Cortex	0.414625864		Brain_Frontal_Cortex_BA9	1.811889472			
	0.188110528	0.188110528	0.815780192	0.839028371	0.827404282			
	0.016438945	2	0	0.998207054				
MAD2L1BP	ENSG00000124688.13	0.684955583	1	1	0.684955583			
	Brain_Cortex	0.684955583		Brain_Cortex	1	1	1	0.40571015
	0.40571015	0.40571015	NA	1	0	0.998207054		
ITGAE	ENSG00000083457.11	0.685130038	1	1	0.685130038			
	Brain_Caudate_basal_ganglia	0.685130038		Brain_Caudate_basal_ganglia	1	1		
	1	0.405472759	0.405472759	0.405472759	NA	1	0	
	0.998207054							
CYB561D2	ENSG00000114395.10	0.685151965	2	2	0.387377011			
	Brain_Cortex	0.935763482		Brain_Hippocampus	1.016919918			
	0.983080082	0.983080082	-0.864383942	-0.080595705	-0.472489824			
	0.554221977	2	0	0.998207054				
USP44	ENSG00000136014.11	0.685180355	5	5	0.12126583			
	Brain_Caudate_basal_ganglia	0.909752737		Brain_Cerebellar_Hemisphere				
	2.433523992	0.186230291	0.186230291	-1.549482273	0.147229142			
	-0.438242773	0.656510197	5	0	0.998207054			
MEPE	ENSG00000152595.16	0.685181509	3	3	0.356174593			
	Brain_Spinal_cord_cervical_c-1	0.605113698		Brain_Cortex	1.147084962			
	0.874246396	0.874246396	0.517060826	0.922678847	0.684755741			
	0.211732127	3	0	0.998207054				
CD37	ENSG00000104894.11	0.685208824	1	1	0.685208824			
	Brain_Hippocampus	0.685208824		Brain_Hippocampus	1	1	1	
	0.405365558	0.405365558	0.405365558	NA	1	0	0.998207054	
SCN11A	ENSG00000168356.11	0.685443447	9	4	0.20645501			
	Brain_Hypothalamus	6.785590386		0.024619416				
	0.279899421	-1.263373426	0.773580234	-0.041454607	0.591098946			
	4	0	0.998207054					
LINC01858	ENSG00000261615.6	0.685482758	2	2	0.39073802			
	Brain_Caudate_basal_ganglia	0.610954		Brain_Nucleus_accumbens_basal_ganglia				
	1.45079639	0.54920361	0.54920361	0.508712157	0.858279728	0.683495943		
	0.2471816	2	0	0.998207054				

RP11-1070N10.3	ENSG00000258572.1	0.685500742	3	3	0.270962217			
	Brain_Caudate_basal_ganglia	0.924458723			Brain_Cerebellum	1.107144628		
	0.900408096	0.900408096	-1.100849379		-0.094818838		-0.578187026	
	0.504165038	3	0	0.998207054				
RP11-363J20.1	ENSG00000258957.1	0.685651939	1	1	0.685651939			
	Brain_Anterior_cingulate_cortex_BA24	0.685651939						
	Brain_Anterior_cingulate_cortex_BA24	1	1	0.404762714				
	0.404762714	0.404762714	NA	1	0	0.998207054		
LINC01273	ENSG00000231742.5	0.685700071	13	2	0.494888169			
	Brain_Cerebellar_Hemisphere	0.965003966			Brain_Nucleus_accumbens_basal_ganglia			
	11.8818062	2.01E-08	0.740526555	-0.390150843	0.682554855			
	-0.093220994	0.292188718	2	0	0.998207054			
FAM161B	ENSG00000156050.8	0.685761988	1	1	0.685761988			
	Brain_Putamen_basal_ganglia	0.685761988			Brain_Putamen_basal_ganglia	1	1	
	1	0.404613018	0.404613018	0.404613018	NA	1	0	
	0.998207054							
SRD5A1	ENSG00000145545.11	0.68584182	5	4	0.235338585			
	Brain_Frontal_Cortex_BA9	0.97117213	Brain_Cortex	3.763258416				
	0.019333587	0.237195933	-1.186718728	-0.036138242	-0.391515365			
	0.472385865	4	0	0.998207054				
PTPN11	ENSG00000179295.17	0.685870842	1	1	0.685870842			
	Brain_Hypothalamus	0.685870842	Brain_Hypothalamus	1	1	1		
	0.404464957	0.404464957	0.404464957	NA	1	0	0.998207054	
NNAT	ENSG00000053438.8	0.685939636	1	1	0.685939636			
	Brain_Anterior_cingulate_cortex_BA24	0.685939636						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.404371389			
	-0.404371389	-0.404371389	NA	1	0	0.998207054		
GNAL	ENSG00000141404.15	0.685985936	2	2	0.445692745	Brain_Cerebellum		
	0.759001601	Brain_Cerebellar_Hemisphere	1.136760129	0.863239871				
	0.863239871	-0.762615489	0.306792127	-0.227911681	0.756185377			
	2	0	0.998207054					
RUNX2	ENSG00000124813.20	0.685987626	4	3	0.31614807	Brain_Hippocampus		
	0.65478937	Brain_Putamen_basal_ganglia	3.106227888	0.053637867	0.27885339			
	0.447118683	1.002404914	0.834180427	0.259645157	3	0		
	0.998207054							
SLC5A2	ENSG00000140675.12	0.686038734	3	3	0.328563738			
	Brain_Cerebellar_Hemisphere	0.831894441	Brain_Cerebellum	2.116080198				
	0.248692379	0.248692379	-0.297002971	0.977010937	0.297426825			
	0.641261493	3	0	0.998207054				
PDE6G	ENSG00000185527.11	0.686066539	1	1	0.686066539			
	Brain_Cerebellar_Hemisphere	0.686066539	Brain_Cerebellar_Hemisphere	1	1			
	1	0.404198795	0.404198795	0.404198795	NA	1	0	
	0.998207054							
MYCBPAP	ENSG00000136449.13	0.68651387	5	5	0.165800784	Brain_Cortex		
	0.818862217	Brain_Cerebellum	2.68262195	0.295016136	0.295016136			
	-0.22900862	1.385823567	0.680906951	0.582762931	5	0		
	0.998207054							
HOGA1	ENSG00000241935.8	0.686519481	5	5	0.268225225			
	Brain_Substantia_nigra	0.997885621	Brain_Caudate_basal_ganglia					
	1.730912857	0.306108956	0.306108956	-1.005007756	1.10715892			
	0.183538072	0.819784827	5	0	0.998207054			
STX1A	ENSG00000106089.11	0.686530567	4	3	0.328922031			
	Brain_Cerebellar_Hemisphere	0.740748516	Brain_Hypothalamus	1.9941279				
	0.013041021	0.990873741	0.330862278	0.976287463	0.687571006			
	0.319653408	3	0	0.998207054				
ATF6	ENSG00000118217.5	0.686533592	3	3	0.283188529			
	Brain_Substantia_nigra	0.592593304	Brain_Cerebellum	1.780215527				
	0.225361504	0.225361504	-0.618445352	1.073184087	-0.026781017			
	0.953509199	3	0	0.998207054				
PDXDC1	ENSG00000179889.18	0.68660126	10	8	0.177243087			
	Brain_Putamen_basal_ganglia	0.982129275	Brain_Spinal_cord_cervical_c-1					
	5.55746424	0.045676362	0.211722561	-1.025389734	1.349292333			

	-0.018315508	0.730872688	8	0	0.998207054		
SLC37A4	ENSG00000137700.17	0.686616796		1	1	0.686616796	
	Brain_Caudate_basal_ganglia	0.686616796				Brain_Caudate_basal_ganglia	1
	1	-0.403450564	-0.403450564	-0.403450564	NA	1	0
	0.998207054						
TIAM1	ENSG00000156299.13	0.686623499	4	3	0.471874006		
	Brain_Putamen_basal_ganglia	0.924024049				Brain_Caudate_basal_ganglia	
	2.507843613	0.011594293	0.243735343		-0.224243289	0.719433267	
	0.056498884	0.445126113	3	0	0.998207054		
HOPX	ENSG00000171476.21	0.686823038	1	1	0.686823038	Brain_Cerebellum	
	0.686823038	Brain_Cerebellum	1	1	1	-0.403170176	-0.403170176
	-0.403170176	NA	1	0	0.998207054		
METTL21A	ENSG00000144401.14	0.686866893	2	2	0.398945134		
	Brain_Frontal_Cortex_BA9	0.861687333				Brain_Anterior_cingulate_cortex_BA24	
	1.02963771	0.97036229	0.97036229	-0.174226662	0.843506675	0.334640007	
	0.719646144	2	0	0.998207054			
INPP4B	ENSG00000109452.12	0.686990845	1	1	0.686990845		
	Brain_Substantia_nigra	0.686990845				Brain_Substantia_nigra	1
	1	0.402942066	0.402942066	0.402942066	NA	1	0
	0.998207054						
TIMD4	ENSG00000145850.8	0.687002811	2	2	0.476344386	Brain_Cortex	
	0.911142595	Brain_Hypothalamus	1.459012595		0.540987405		
	0.540987405	-0.111597449	0.712194429		0.30029849	0.582508823	2
	0	0.998207054					
SPRED3	ENSG00000188766.12	0.687029091	2	2	0.4579251		
	Brain_Putamen_basal_ganglia	0.660184989				Brain_Nucleus_accumbens_basal_ganglia	
	1.009842557	0.990157443	0.990157443		-0.439657776	0.742267795	
	0.15130501	0.835747586	2	0	0.998207054		
BDH1	ENSG00000161267.11	0.68703865	4	4	0.374536485		
	Brain_Putamen_basal_ganglia	0.867918531				Brain_Caudate_basal_ganglia	2.74957286
	0.138464088	0.138464088	-0.576459848		0.888007931	0.248561442	
	0.623979984	4	0	0.998207054			
DNAJC12	ENSG00000108176.14	0.687083832	3	3	0.270212071		
	Brain_Cerebellum	0.678904828	Brain_Cortex	1.472821552		0.548528826	
	0.548528826	0.413958051	1.102574312		0.652586528	0.389939298	
	3	0	0.998207054				
NCAN	ENSG00000130287.13	0.687163737	2	1	0.561086035	Brain_Cerebellum	
	0.828701116	Brain_Cerebellar_Hemisphere	1.961364847		0.038635153		
	1.961364847	-0.581229134	-0.216367733		-0.398798433	0.257995971	
	1	0	0.998207054				
KRT13	ENSG00000171401.14	0.687224342	2	2	0.413986138		
	Brain_Caudate_basal_ganglia	0.75273685	Brain_Cerebellum	1.033457099			
	0.966542901	0.966542901	-0.81689902		0.315032668	-0.250933176	
	0.800396573	2	0	0.998207054			
WRN	ENSG00000165392.9	0.687245251	2	2	0.403251676		
	Brain_Anterior_cingulate_cortex_BA24	0.754673785	Brain_Cerebellar_Hemisphere				
	1.103763379	0.896236621	0.896236621		-0.835827993	-0.312482599	
	-0.574155296	0.370061077	2	0	0.998207054		
MTHFS	ENSG00000136371.10	0.687322518	9	5	0.393926048		
	Brain_Cerebellar_Hemisphere	0.847936389	Brain_Putamen_basal_ganglia				
	5.274837336	0.028824034	0.255222885		-0.191752106	0.852519091	
	0.492611428	0.319554995	5	0	0.998207054		
TMEM128	ENSG00000132406.11	0.687347078	12	5	0.156760618		
	Brain_Substantia_nigra	0.977046936	Brain_Anterior_cingulate_cortex_BA24				
	7.267490273	0.014737599	0.344248884		-0.168638765	1.416050847	
	0.650185906	0.560429523	5	0	0.998207054		
WASF2	ENSG00000158195.10	0.687373475	5	5	0.191455586		
	Brain_Cerebellar_Hemisphere	0.651275558	Brain_Spinal_cord_cervical_c-1				
	1.875386562	0.127086987	0.127086987		-0.451990873	1.306285208	
	0.703585497	0.679845949	5	0	0.998207054		
KRT19	ENSG00000171345.13	0.687422337	2	1	0.668825488		
	Brain_Cerebellar_Hemisphere	0.713396201	Brain_Cerebellum	1.95231043	0.04768957		

	1.95231043	0.36729873	0.427760513		0.397529622	0.042752937	1	0
	0.998207054							
PCLO	ENSG00000186472.19	0.687440759		2	2	0.490560556		
	Brain_Nucleus_accumbens_basal_ganglia		0.599563236					
	Brain_Anterior_cingulate_cortex_BA24	1.001927278				0.998072722		
	0.998072722	-0.689417528	-0.525028706			-0.607223117	0.11624045	2
	0	0.998207054						
BRD1	ENSG00000100425.18	0.687586924		1	1	0.687586924		
	Brain_Substantia_nigra	0.687586924				Brain_Substantia_nigra	1	1
	1	0.402131945	0.402131945	0.402131945	NA	1	0	
	0.998207054							
FXN	ENSG00000165060.11	0.687599837		2	2	0.386779648		
	Brain_Anterior_cingulate_cortex_BA24	0.909255946				Brain_Putamen_basal_ganglia		
	1.123244642	0.876755358	0.876755358			0.113977101	0.865472236	
	0.489724669	0.531387306	2	0	0.998207054			
LINC00658	ENSG00000226995.7	0.687770421		9	7	0.254779758		
	Brain_Cortex	0.825390225				Brain_Nucleus_accumbens_basal_ganglia		
	3.981794831	0.067165183	0.172850258			-0.871155709	1.138816357	
	0.447349219	0.636303278	7	0	0.998207054			
USP39	ENSG00000168883.19	0.687960457		2	2	0.415201341		Brain_Amygdala
	0.698197254	Brain_Cerebellum	1.122468029			0.877531971	0.877531971	
	-0.814774602	-0.38775513	-0.601264866			0.301948365	2	0
	0.998207054							
ACYP1	ENSG00000119640.8	0.688177266		2	2	0.420897056		
	Brain_Nucleus_accumbens_basal_ganglia	0.818370136				Brain_Frontal_Cortex_BA9		
	1.104654959	0.895345041	0.895345041			-0.804865921	-0.229641784	
	-0.517253853	0.406744888	2	0	0.998207054			
CD8A	ENSG00000153563.15	0.688410825		3	3	0.278457056		Brain_Cerebellum
	0.832401382	Brain_Cerebellar_Hemisphere	1.353919685			0.666540298		
	0.666540298	-1.083791949	-0.211622721			-0.6771913	0.439064578	3
	0	0.998207054						
TNFRSF11B	ENSG00000164761.8	0.688602922		1	1	0.688602922		
	Brain_Cerebellar_Hemisphere	0.688602922				Brain_Cerebellar_Hemisphere	1	1
	1	-0.400751729	-0.400751729	-0.400751729	NA	1	0	
	0.998207054							
LIN7C	ENSG00000148943.11	0.688945066		1	1	0.688945066		
	Brain_Spinal_cord_cervical_c-1	0.688945066				Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.400287103	-0.400287103	-0.400287103	NA	1
	0.998207054							0
SPINT2	ENSG00000167642.12	0.68904481		2	2	0.389093731		
	Brain_Frontal_Cortex_BA9	0.997018137				Brain_Cerebellar_Hemisphere	1.0690973	
	0.9309027	0.9309027	-0.861262052			0.00373722	-0.428762416	0.611646851
	2	0	0.998207054					
GIN3	ENSG00000181938.13	0.689256742		2	2	0.399342357		Brain_Cerebellum
	0.87871375	Brain_Caudate_basal_ganglia	1.037493701			0.962506299		
	0.962506299	-0.842796338	-0.152599968			-0.497698153	0.488042533	
	2	0	0.998207054					
CABLES1	ENSG00000134508.12	0.689499476		3	3	0.236548774		
	Brain_Hypothalamus	0.981304246				Brain_Cortex	1.240812743	
	0.757577283	0.757577283	-1.183657234			-0.023433797	-0.519313912	
	0.598175974	3	0	0.998207054				
SCML4	ENSG00000146285.13	0.689536918		3	3	0.353164395		
	Brain_Frontal_Cortex_BA9	0.782546165				Brain_Cortex	1.532906702	
	0.511525814	0.511525814	-0.928468896			0.405023538	-0.266482611	
	0.666797187	3	0	0.998207054				
WDR91	ENSG00000105875.13	0.689644521		7	6	0.080444504		
	Brain_Hippocampus	0.911149404				Brain_Substantia_nigra	3.747669228	
	0.011643393	0.223202473	-1.748112759			-0.111588862	-1.052130383	
	0.620519584	6	0	0.998207054				
AGPAT3	ENSG00000160216.18	0.689669608		2	2	0.626644871		
	Brain_Frontal_Cortex_BA9	0.659011474				Brain_Cortex	1.420307758	
	0.579692242	0.579692242	-0.486454622			0.441278383	-0.02258812	

	0.656006299	2	0	0.998207054					
LRR8C	ENSG00000171488.14			0.689693953	4	4	0.155024814		
	Brain_Cerebellar_Hemisphere			0.899582068			Brain_Caudate_basal_ganglia		
	1.683599558	0.492646574		0.492646574			-1.422004951		-0.126189317
	-0.643473632	0.568965909		4	0	0.998207054			
RNF6	ENSG00000127870.16		0.68975922	4	4	0.292337295	Brain_Hypothalamus		
	0.815429356	Brain_Cerebellum	2.501319336			0.355423187		0.355423187	
	-0.233427636	1.053008066		0.454116612		0.560445843	4	0	
	0.998207054								
WHRN	ENSG00000095397.13		0.689795553	7	6	0.119073588			
	Brain_Spinal_cord_cervical_c-1			0.674592783			Brain_Putamen_basal_ganglia		
	4.123859055	0.108819951		0.16337391		-1.558673877	0.885554436		
	-0.313908798	0.988728608		6	0	0.998207054			
U2AF1L4	ENSG00000161265.14		0.689828636	12	6	0.219392789			
	Brain_Amygdala	0.975613494		Brain_Putamen_basal_ganglia	8.519988578				
	0.003909203	0.317289398		-1.228144338		0.389956224		-0.307563556	
	0.407547411	6	0	0.998207054					
ZNF295-AS1	ENSG00000237232.7		0.690481998	11	11	0.121474695			
	Brain_Frontal_Cortex_BA9	0.872457683		Brain_Anterior_cingulate_cortex_BA24					
	2.087039832	0.423332255		0.423332255		-1.277565909	1.548613349		
	0.240820085	0.945927298		11	0	0.998207054			
LY75	ENSG00000054219.10		0.690512544	13	4	0.332131005			
	Brain_Cerebellar_Hemisphere	0.920247874		Brain_Spinal_cord_cervical_c-1					
	9.783683961	0.010470883		0.399461473		-0.688896174	0.969830465		
	-0.06256913	0.461700996		4	0	0.998207054			
TRIOBP	ENSG00000100106.19		0.690608677	12	4	0.14889092			
	Brain_Cerebellar_Hemisphere	0.958587159		Brain_Nucleus_accumbens_basal_ganglia					
	8.714677466	0.009060677		0.387377604		-1.443460045	0.258764695		
	-0.218367989	0.524955976		4	0	0.998207054			
ELOVL2	ENSG00000197977.3		0.690641802	3	2	0.296731701			
	Brain_Cortex	0.74566028		Brain_Caudate_basal_ganglia	2.420088657		0.06477668		
	0.515134662	0.324366895		1.043467768		0.729988401	0.368298991		
	2	0	0.998207054						
TRPM4	ENSG00000130529.15		0.690849816	6	6	0.161443828	Brain_Cerebellum		
	0.901430927	Brain_Cortex	1.988373998			0.472653762	0.472653762		
	-0.362617995	1.400232093		0.529705341		0.693113016	6	0	
	0.998207054								
IFIT3	ENSG00000119917.13		0.690864526	1	1	0.690864526			
	Brain_Spinal_cord_cervical_c-1	0.690864526		Brain_Spinal_cord_cervical_c-1					
	1	1	1	0.397682111		0.397682111	NA	1	0
	0.998207054								
NIP7	ENSG00000132603.13		0.690873008	4	3	0.45345148			
	Brain_Frontal_Cortex_BA9	0.780046053		Brain_Nucleus_accumbens_basal_ganglia					
	3.115182532	0.034012336		0.35319299		-0.27925902	0.749673319		
	0.336053001	0.437616865		3	0	0.998207054			
PNLDC1	ENSG00000146453.12		0.690895047	11	2	0.308989233			
	Brain_Substantia_nigra	0.830425365		Brain_Nucleus_accumbens_basal_ganglia					
	9.680132067	0.000611677		0.989157377		0.214156053	1.017345218		
	0.698464479	0.233826032		2	0	0.998207054			
HIST1H2BE	ENSG00000274290.2		0.690908588	1	1	0.690908588			
	Brain_Anterior_cingulate_cortex_BA24	0.690908588							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		-0.397622344			
	-0.397622344	-0.397622344	NA	1	0	0.998207054			
TDRD6	ENSG00000180113.15		0.691209079	13	6	0.158426521			
	Brain_Anterior_cingulate_cortex_BA24	0.992473915		Brain_Cerebellum					
	8.480829807	0.003834275		0.317656867		-1.298014473	1.410383343		
	-0.41579053	0.655872641		6	0	0.998207054			
RAPGEFL1	ENSG00000108352.11		0.691222613	4	4	0.196546725			
	Brain_Cerebellar_Hemisphere	0.533929602		Brain_Frontal_Cortex_BA9					
	1.821836728	0.340640198		0.340640198		-1.291452761	-0.622018654		
	-0.899360795	0.310990412		4	0	0.998207054			
ATG9A	ENSG00000198925.10		0.691274479	2	2	0.443154602	Brain_Amygdala		

	0.600999781	Brain_Cerebellum	1.185074652		0.814925348		0.814925348
	-0.522963318	0.76687708	0.121956881		0.912054892	2	0
	0.998207054						
TMC4	ENSG00000167608.11	0.691308188	13	2	0.27381058	Brain_Hypothalamus	
	0.965150279	Brain_Substantia_nigra			10.78575931	0.000113354	
	1.386745562	-0.273203899	1.094329298		0.366141165	0.336923813	
	2	0	0.998207054				
L3HYPDH	ENSG00000126790.11	0.691356401	13	1	0.442344361		
	Brain_Spinal_cord_cervical_c-1	0.972047478			Brain_Cerebellar_Hemisphere		
	12.39056961	0.001336091	12.39056961		-0.768240426	-0.035040461	
	-0.38555395	0.243048864	1	0	0.998207054		
CASP7	ENSG00000165806.19	0.691707491	12	4	0.161739746	Brain_Amygdala	
	0.887135219	Brain_Spinal_cord_cervical_c-1			9.289148843	0.009076713	
	0.366958932	-1.399244266	0.141930099		-0.964303872	0.440096491	
	4	0	0.998207054				
ZFAND6	ENSG00000086666.18	0.691722326	4	4	0.456012404		
	Brain_Anterior_cingulate_cortex_BA24	0.969896983			Brain_Cerebellum		
	2.020933331	0.082812501	0.082812501		-0.186425179	0.745429022	
	0.246484314	0.43387551	4	0	0.998207054		
RP11-1079K10.3	ENSG00000248714.6	0.691829704		1	1	0.691829704	
	Brain_Hypothalamus	0.691829704	Brain_Hypothalamus	1	1	1	
	-0.39637324	-0.39637324	-0.39637324	NA	1	0	0.998207054
RP11-689P11.2	ENSG00000205959.3	0.691894171	13	2	0.273256418		
	Brain_Hippocampus	0.692293029	Brain_Cerebellar_Hemisphere	11.16840132			
	0.011299131	0.557028774	-1.095594162		-0.39574517	-0.622141732	
	0.246789893	2	0	0.998207054			
TPSD1	ENSG00000095917.13	0.691936844	12	3	0.126987085	Brain_Cerebellum	
	0.835537425	Brain_Hypothalamus	9.558746257		0.009876407		
	0.457672583	0.207604968	1.526091475		1.023321755	0.408978323	
	3	0	0.998207054				
HINT3	ENSG00000111911.6	0.69193835	1	1	0.69193835	Brain_Cerebellum	0.69193835
	Brain_Cerebellum	1	1	-0.396225949	-0.396225949	-0.396225949	
	NA	1	0	0.998207054			
TACC1	ENSG00000147526.19	0.691956901	1	1	0.691956901		
	Brain_Cerebellar_Hemisphere	0.691956901	Brain_Cerebellar_Hemisphere	1	1		
	1	0.396200801	0.396200801	0.396200801	NA	1	0
	0.998207054						
NCCRP1	ENSG00000188505.4	0.692159702	1	1	0.692159702		
	Brain_Cerebellar_Hemisphere	0.692159702	Brain_Cerebellar_Hemisphere	1	1		
	1	0.395925889	0.395925889	0.395925889	NA	1	0
	0.998207054						
GPAT4	ENSG00000158669.11	0.692173351	2	2	0.461695574	Brain_Cerebellum	
	0.68412596	Brain_Cortex	1.045146147		0.954853853	0.954853853	
	-0.736057717	-0.406839382	-0.571448549		0.232792517	2	0
	0.998207054						
FOXE1	ENSG00000178919.8	0.692182683	1	1	0.692182683	Brain_Cerebellum	
	0.692182683	Brain_Cerebellum	1	1	0.395894738	0.395894738	
	0.395894738	NA	1	0	0.998207054		
LY6D	ENSG00000167656.4	0.692193196	2	2	0.649714761		
	Brain_Frontal_Cortex_BA9	0.674883372	Brain_Cortex	1.481079445			
	0.518920555	0.518920555	-0.41945536		0.454158485	0.017351563	
	0.617738274	2	0	0.998207054			
S100A10	ENSG00000197747.8	0.692202868	7	4	0.151976171		
	Brain_Substantia_nigra	0.979787225	Brain_Nucleus_accumbens_basal_ganglia				
	4.768883378	0.015208039	0.217760736		-1.43258605	0.294079166	
	-0.18459588	0.567064539	4	0	0.998207054		
ZNF782	ENSG00000196597.11	0.692203441	1	1	0.692203441		
	Brain_Cerebellum	0.692203441	Brain_Cerebellum	1	1	1	-0.395866601
	-0.395866601	-0.395866601	NA	1	0	0.998207054	
AC007106.1	ENSG00000251410.1	0.692253652	6	6	0.122057392		
	Brain_Substantia_nigra	0.792670371	Brain_Hippocampus	3.721331218			
	0.194900672	0.194900672	-1.546195367		0.262844583	-0.636733668	

	0.576558351	6	0	0.998207054					
PUSL1	ENSG00000169972.11		0.692431663	3	3	0.27217503			
	Brain_Nucleus_accumbens_basal_ganglia		0.670638259			Brain_Amygdala			
	1.485021669	0.529326888	0.529326888			0.425272197		1.098067466	
	0.72022027	0.343973207	3	0	0.998207054				
RPP14	ENSG00000163684.11		0.692447266	7	5	0.252460226			
	Brain_Frontal_Cortex_BA9		0.993206598			Brain_Cerebellum4.840661933			
	0.110253864	0.213349483	-1.14439412			0.480353456		-0.43683322	
	0.595001007	5	0	0.998207054					
FGFR2	ENSG00000066468.22		0.692517283	3	3	0.243487938		Brain_Cortex	
	0.974796817	Brain_Frontal_Cortex_BA9		1.060038318		0.953956376			
	0.953956376	-1.166312952	0.265631436			-0.310758092		0.755689185	
	3	0	0.998207054						
TWNK	ENSG00000107815.7		0.692549255	1	1	0.692549255			
	Brain_Hippocampus		0.692549255	Brain_Hippocampus	1	1	1		
	-0.395397905	-0.395397905	-0.395397905	NA	1	0	0.998207054		
C1orf61	ENSG00000125462.16		0.692555034	1	1	0.692555034			
	Brain_Cerebellum0.692555034		Brain_Cerebellum1	1	1	0.395390073			
	0.395390073	0.395390073	NA	1	0	0.998207054			
ADAMTSL1	ENSG00000178031.16		0.692648066	3	3	0.263102277			
	Brain_Cerebellar_Hemisphere0.685227986		Brain_Spinal_cord_cervical_c-1						
	1.845631798	0.157931525	0.157931525			0.405339486		1.119088755	
	0.837890423	0.380184446	3	0	0.998207054				
G RTP1	ENSG00000139835.13		0.692714948	1	1	0.692714948			
	Brain_Anterior_cingulate_cortex_BA24		0.692714948						
	Brain_Anterior_cingulate_cortex_BA24		1	1	1	0.395173365			
	0.395173365	0.395173365	NA	1	0	0.998207054			
ZNF415	ENSG00000170954.11		0.69281747	11	9	0.111875536		Brain_Cortex	
	0.898756913	Brain_Anterior_cingulate_cortex_BA24		3.978117537					
	0.029265456	0.197684656	-1.589819326			0.713977189		-0.272372418	
	0.643829069	9	0	0.998207054					
FANCC	ENSG00000158169.12		0.692853613	3	3	0.300425371		Brain_Cerebellum	
	0.887501759	Brain_Cerebellar_Hemisphere1.113204332		0.870417723					
	0.870417723	-0.141466075	1.035521628			0.523470429		0.603204319	
	3	0	0.998207054						
TRIT1	ENSG00000043514.15		0.692900428	12	8	0.295700548			
	Brain_Frontal_Cortex_BA9		0.86629607	Brain_Putamen_basal_ganglia5.392502211					
	3.55E-05	0.377622678	-1.045697866	1.014741129		0.223594787			
	0.609899559	8	0	0.998207054					
RP5-1007H16.1	ENSG00000272745.1		0.692956471	3	3	0.38192068			
	Brain_Caudate_basal_ganglia0.712737872		Brain_Cortex	1.331227183					
	0.626014288	0.626014288	-0.750420351	0.874362853		0.164041348			
	0.831405454	3	0	0.998207054					
TULP1	ENSG00000112041.12		0.693003259	9	3	0.314730745		Brain_Cortex	
	0.983060114	Brain_Nucleus_accumbens_basal_ganglia		7.512548706					
	0.002419261	0.459822314	-1.005345018	-0.021232593		-0.589994377			
	0.383309466	3	0	0.998207054					
INF2	ENSG00000203485.12		0.693006347	2	2	0.42068081			
	Brain_Frontal_Cortex_BA9		0.725035638	Brain_Nucleus_accumbens_basal_ganglia					
	1.075745184	0.924254816	0.924254816	0.351736829		0.805240673			
	0.578488751	0.320675644	2	0	0.998207054				
SLAMF8	ENSG00000158714.10		0.693008911	8	4	0.169811548			
	Brain_Substantia_nigra		0.990275701	Brain_Cerebellar_Hemisphere					
	5.634597704	2.45E-19	0.33892082	-1.372809591		0.415555517			
	-0.113224018	0.645219127	4	0	0.998207054				
CYTIP	ENSG00000115165.9		0.69303015	1	1	0.69303015			
	Brain_Nucleus_accumbens_basal_ganglia		0.69303015						
	Brain_Nucleus_accumbens_basal_ganglia		1	1	1	0.394746272			
	0.394746272	0.394746272	NA	1	0	0.998207054			
C14orf93	ENSG00000100802.14		0.693087728	1	1	0.693087728			
	Brain_Cortex		0.693087728	Brain_Cortex	1	1	1	0.394668263	
	0.394668263	0.394668263	NA	1	0	0.998207054			

FAT4	ENSG00000196159.11	0.69310489	1	1	0.69310489	Brain_Cortex	0.69310489
	Brain_Cortex	1	1	1	-0.394645012	-0.394645012	-0.394645012
	NA	1	0	0.998207054			
RP11-989F5.3	ENSG00000256299.1	0.693109745	1	1	0.693109745		
	Brain_Cerebellum	0.693109745	Brain_Cerebellum	1	1	1	-0.394638434
	-0.394638434	-0.394638434	NA	1	0	0.998207054	
ZNF710	ENSG00000140548.9	0.693132818	1	1	0.693132818		
	Brain_Nucleus_accumbens_basal_ganglia	0.693132818					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.394607174		
	0.394607174	0.394607174	NA	1	0	0.998207054	
COX16	ENSG00000133983.14	0.693190314	7	3	0.570172771		
	Brain_Frontal_Cortex_BA9	0.95449615	Brain_Caudate_basal_ganglia	6.150872144			
	0.024266726	0.249246055	-0.567797069	0.324333928	-0.211158968		
	0.318644089	3	0	0.998207054			
IGFBP3	ENSG00000146674.14	0.693520273	3	3	0.44604991		
	Brain_Substantia_nigra	0.686374559	Brain_Cerebellum	1.318965593			
	0.666814368	0.666814368	-0.762016912	0.403779927	-0.303288795		
	0.621309391	3	0	0.998207054			
C7orf31	ENSG00000153790.11	0.69352707	1	1	0.69352707	Brain_Cortex	
	0.69352707	Brain_Cortex	1	1	1	0.394073101	0.394073101
	0.394073101	NA	1	0	0.998207054		
DUS3L	ENSG00000141994.15	0.693529438	11	3	0.231117251		
	Brain_Hippocampus	0.79451171	Brain_Cerebellar_Hemisphere	9.716842981			
	0.001258076	0.32495471	-1.197485822	1.012380848	0.577702945		
	0.623907089	3	0	0.998207054			
LTB4R2	ENSG00000213906.9	0.69356552	1	1	0.69356552		
	Brain_Putamen_basal_ganglia	0.69356552	Brain_Putamen_basal_ganglia	1	1	1	
	-0.39402102	-0.39402102	-0.39402102	NA	1	0	0.998207054
TBC1D1	ENSG00000065882.15	0.693615836	4	4	0.15104254		
	Brain_Hypothalamus	0.947900405	Brain_Cerebellum	1.349842119			
	0.648733306	0.648733306	-1.435858746	-0.06534363	-0.57341643		
	0.595757432	4	0	0.998207054			
METTL7A	ENSG00000185432.11	0.693642058	2	2	0.461565459		
	Brain_Cerebellum	0.653381553	Brain_Substantia_nigra	1.018780044			
	0.981219956	0.981219956	-0.449069457	0.736271546	0.143601045		
	0.838162661	2	0	0.998207054			
RP3-467K16.4	ENSG00000228140.1	0.693714631	8	8	0.151430406		
	Brain_Amygdala	0.938048834	Brain_Cerebellar_Hemisphere	1.999558461			
	0.420587073	0.420587073	-1.434497275	0.951264119	-0.221938097		
	0.747041875	8	0	0.998207054			
FBXL17	ENSG00000145743.15	0.693773194	3	3	0.260469823		
	Brain_Spinal_cord_cervical_c-1	0.799551393	Brain_Cerebellar_Hemisphere				
	1.163301166	0.833604449	0.833604449	-1.125281366	0.357466882		
	-0.171295585	0.827796317	3	0	0.998207054		
LRRN4	ENSG00000125872.7	0.693862463	1	1	0.693862463		
	Brain_Putamen_basal_ganglia	0.693862463	Brain_Putamen_basal_ganglia	1	1		
	1	-0.393618849	-0.393618849	-0.393618849	NA	1	0
	0.998207054						
XPO1	ENSG00000082898.16	0.693869325	1	1	0.693869325	Brain_Amygdala	
	0.693869325	Brain_Amygdala	1	1	1	-0.393609556	-0.393609556
	-0.393609556	NA	1	0	0.998207054		
RP11-274B21.9	ENSG00000271344.1	0.693911857	11	6	0.117507178		
	Brain_Cerebellum	0.980032436	Brain_Hippocampus	7.404312329			
	0.007596726	0.257690977	-0.025028243	1.565323063	0.59173618		
	0.438360128	6	0	0.998207054			
DLEC1	ENSG00000008226.19	0.693975869	1	1	0.693975869		
	Brain_Caudate_basal_ganglia	0.693975869	Brain_Caudate_basal_ganglia	1	1		
	1	0.393465271	0.393465271	0.393465271	NA	1	0
	0.998207054						
RP11-63G10.3	ENSG00000272226.1	0.694029134	1	1	0.694029134		
	Brain_Spinal_cord_cervical_c-1	0.694029134	Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.393393142	0.393393142	0.393393142	NA
							1
							0

0.998207054

YAE1D1 ENSG00000241127.7 0.694123372 1 1 0.694123372
Brain_Anterior_cingulate_cortex_BA24 0.694123372
Brain_Anterior_cingulate_cortex_BA24 1 1 -0.393265533
-0.393265533 -0.393265533 NA 1 0 0.998207054

PRSS56 ENSG00000237412.6 0.694256066 5 5 0.336757009
Brain_Cortex 0.819600071 Brain_Frontal_Cortex_BA9 2.833237574
0.118182733 0.118182733 -0.960592683 0.741912315 -0.191019834
0.692245647 5 0 0.998207054

MANBA ENSG00000109323.8 0.69430308 6 6 0.127921814 Brain_Cerebellum
0.933763362 Brain_Spinal_cord_cervical_c-1 2.170100123 0.178176543
0.178176543 -0.724996869 1.522348371 0.31050569 0.84529262 6 0
0.998207054

PRKCDBP ENSG00000170955.9 0.694335871 4 4 0.265610598
Brain_Cerebellar_Hemisphere 0.980661422 Brain_Caudate_basal_ganglia 2.18479668
0.073245446 0.073245446 -1.11322782 0.024239687 -0.783277469
0.541263127 4 0 0.998207054

RP1-80N2.3 ENSG00000261211.1 0.69467934 1 1 0.69467934
Brain_Cerebellar_Hemisphere 0.69467934 Brain_Cerebellar_Hemisphere 1 1 1
-0.392512821 -0.392512821 -0.392512821 NA 1 0 0.998207054

NEURL4 ENSG00000215041.9 0.694845571 2 2 0.393586072
Brain_Hippocampus 0.931027135 Brain_Cerebellar_Hemisphere 1.121503536
0.878496464 0.878496464 -0.853132064 -0.086552611 -0.469842337
0.542053529 2 0 0.998207054

CECR1 ENSG00000093072.15 0.694918977 10 10 0.15320413 Brain_Cortex
0.957349087 Brain_Substantia_nigra 2.881147652 0.136950287
0.136950287 -1.428304859 1.173030096 -0.346628456 0.906125879
10 0 0.998207054

THOC7 ENSG00000163634.11 0.695049068 10 5 0.236264589
Brain_Putamen_basal_ganglia 0.990372492 Brain_Frontal_Cortex_BA9
7.136232818 0.02231556 0.286517167 -0.810429686 1.184375159
0.494202245 0.595334849 5 0 0.998207054

LINC01167 ENSG00000224758.1 0.695074356 5 4 0.384771985
Brain_Amygdala 0.913650814 Brain_Putamen_basal_ganglia 3.897670571
0.04224354 0.140635591 -0.549493661 0.869137395 -0.015155842
0.526685461 4 0 0.998207054

SEPHS1 ENSG00000086475.14 0.695092739 1 1 0.695092739
Brain_Frontal_Cortex_BA9 0.695092739 Brain_Frontal_Cortex_BA9 1 1
1 0.391953274 0.391953274 0.391953274 NA 1 0
0.998207054

CCDC141 ENSG00000163492.14 0.695097006 3 3 0.357361423
Brain_Caudate_basal_ganglia 0.983120003 Brain_Nucleus_accumbens_basal_ganglia
2.250306986 0.234724071 0.234724071 -0.92040449 0.021157517
-0.56228035 0.509616974 3 0 0.998207054

SOAT1 ENSG00000057252.12 0.695128486 3 3 0.279339918
Brain_Caudate_basal_ganglia 0.677874412 Brain_Nucleus_accumbens_basal_ganglia
2.501346268 0.156738669 0.156738669 0.415365427 1.081803349
0.736915371 0.333831355 3 0 0.998207054

C16orf62 ENSG00000103544.14 0.695144427 7 5 0.104947862
Brain_Hippocampus 0.939428835 Brain_Putamen_basal_ganglia 4.920447528
0.115893627 0.250665461 0.075987762 1.621325438 0.79921691
0.456231196 5 0 0.998207054

PACS2 ENSG00000179364.13 0.695195143 2 2 0.44161694
Brain_Spinal_cord_cervical_c-1 0.645226301 Brain_Cortex 1.124466647
0.875533353 0.875533353 -0.769465631 0.460403949 -0.154530841
0.86964912 2 0 0.998207054

MPV17L2 ENSG00000254858.9 0.695200439 1 1 0.695200439
Brain_Cerebellar_Hemisphere 0.695200439 Brain_Cerebellar_Hemisphere 1 1
1 0.391807519 0.391807519 0.391807519 NA 1 0
0.998207054

ASF1B ENSG00000105011.8 0.695204335 1 1 0.695204335 Brain_Amygdala
0.695204335 Brain_Amygdala 1 1 1 -0.391802247 -0.391802247

	-0.391802247	NA	1	0	0.998207054				
ARHGEF28	ENSG00000214944.9			0.695245371	1	1	0.695245371		
	Brain_Hippocampus		0.695245371	Brain_Hippocampus	1	1	1		
	0.391746714	0.391746714	0.391746714	NA	1	0	0.998207054		
SOWAHC	ENSG00000198142.4			0.695421222	1	1	0.695421222		
	Brain_Anterior_cingulate_cortex_BA24		0.695421222						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.391508751				
	0.391508751	0.391508751	NA	1	0	0.998207054			
EIF3J-AS1	ENSG00000179523.4			0.695432197	1	1	0.695432197		
	Brain_Cortex		0.695432197	Brain_Cortex	1	1	0.3914939		
	0.3914939	0.3914939	NA	1	0	0.998207054			
SLC5A6	ENSG00000138074.14			0.695461194	3	3	0.312598447		
	Brain_Cerebellar_Hemisphere		0.998125959	Brain_Frontal_Cortex_BA9					
	1.887880934	0.218224129	0.218224129	-0.002348764	1.009784709				
	0.513991211	0.506379463	3	0	0.998207054				
TMEM268	ENSG00000157693.14			0.695579891	3	3	0.244231332		
	Brain_Cerebellum		0.641554547	Brain_Frontal_Cortex_BA9	2.269697543				
	0.175957941	0.175957941	-1.164475584	-0.465526384	-0.829819322				
	0.350415818	3	0	0.998207054					
RP11-497H17.1	ENSG00000262663.1			0.695605187	2	2	0.47731963		
	Brain_Cerebellar_Hemisphere		0.665238716	Brain_Cerebellum	1.89882709	0.10117291			
	0.10117291	0.432691762	0.710620187	0.571655974	0.196525074	2			
	0	0.998207054							
TAS2R43	ENSG00000255374.3			0.695618309	2	1	0.636928455		
	Brain_Cerebellum		0.759635904	Brain_Cerebellar_Hemisphere	1.976922499				
	0.023077501	1.976922499	-0.471997666	-0.305958946	-0.388978306				
	0.117407104	1	0	0.998207054					
ELF2	ENSG00000109381.19			0.695627245	2	2	0.422109624		
	Brain_Hippocampus		0.491903822	Brain_Spinal_cord_cervical_c-1					
	1.562116697	0.437883303	0.437883303	0.687283932	0.802766645				
	0.745025289	0.08165861	2	0	0.998207054				
AP000318.2	ENSG00000214955.5			0.695693246	1	1	0.695693246		
	Brain_Putamen_basal_ganglia		0.695693246	Brain_Putamen_basal_ganglia	1	1			
	1	-0.391140689	-0.391140689	-0.391140689	NA	1	0		
	0.998207054								
CFHR1	ENSG00000244414.6			0.695714817	4	4	0.162211186		
	Brain_Anterior_cingulate_cortex_BA24		0.956353178	Brain_Hippocampus					
	2.471293874	0.182240277	0.182240277	-0.05473049	1.397673331				
	0.487206796	0.632513963	4	0	0.998207054				
RP11-981G7.3	ENSG00000253678.1			0.695844491	13	4	0.111237617		
	Brain_Spinal_cord_cervical_c-1		0.678056754	Brain_Hypothalamus					
	10.07532029	9.29E-05	0.51078564	-0.48587966	1.592654961				
	0.823838439	0.495848659	4	0	0.998207054				
SRP14-AS1	ENSG00000248508.6			0.695897631	13	11	0.092196619		
	Brain_Putamen_basal_ganglia		0.981573458	Brain_Cortex	4.455678237				
	0.003972912	0.173635914	-1.605167134	1.683922648	-0.059010933				
	0.83265685	11	0	0.998207054					
ANKRD30BL	ENSG00000163046.15			0.695920753	12	4	0.212378824		
	Brain_Amygdala		0.919432439	Brain_Anterior_cingulate_cortex_BA24					
	9.110970643	0.000755279	0.365861049	-1.063524755	1.247050928				
	0.580921904	0.615748914	4	0	0.998207054				
RP11-244E17.1	ENSG00000283654.1			0.695978438	1	1	0.695978438		
	Brain_Substantia_nigra		0.695978438	Brain_Substantia_nigra	1	1			
	1	0.390754869	0.390754869	0.390754869	NA	1	0		
	0.998207054								
PADI1	ENSG00000142623.9			0.696005217	2	2	0.478774764		
	Brain_Hypothalamus		0.777781383	Brain_Spinal_cord_cervical_c-1					
	1.247710357	0.752289643	0.752289643	-0.282211445	0.708274573				
	0.213031564	0.70037938	2	0	0.998207054				
ABTB2	ENSG00000166016.5			0.696313596	1	1	0.696313596		
	Brain_Nucleus_accumbens_basal_ganglia		0.696313596						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.390301524				

	-0.390301524	-0.390301524	NA	1	0	0.998207054	
MAP2	ENSG00000078018.19	0.696417235		1	1	0.696417235	
	Brain_Nucleus_accumbens_basal_ganglia	0.696417235					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.390161356		
	0.390161356	0.390161356	NA	1	0	0.998207054	
TCP10L2	ENSG00000166984.11	0.696482649		2	1	0.633092065	
	Brain_Nucleus_accumbens_basal_ganglia	0.76701297	Brain_Caudate_basal_ganglia				
	1.966902282	0.033097718	1.966902282		-0.477379281	-0.296284306	
	-0.386831794	0.128053485	1	0	0.998207054		
ELMOD3	ENSG00000115459.17	0.696487871		1	1	0.696487871	
	Brain_Cerebellum	0.696487871	Brain_Cerebellum	1	1	0.390065828	
	0.390065828	0.390065828	NA	1	0	0.998207054	
RP11-526I2.5	ENSG00000270127.2	0.696688074		13	2	0.237351989	
	Brain_Substantia_nigra	0.703809104	Brain_Frontal_Cortex_BA9				
	11.08715976	0.003985505	1.021230835		-1.181631399	-0.380183638	
	-0.782069139	0.244800053	2	0	0.998207054		
CYP1B1	ENSG00000138061.11	0.696866934		1	1	0.696866934	
	Brain_Caudate_basal_ganglia	0.696866934	Brain_Caudate_basal_ganglia	1	1		
	1	0.389553241	0.389553241	0.389553241	NA	1	0
	0.998207054						
SEC14L2	ENSG00000100003.17	0.696895894		3	3	0.289113239	
	Brain_Caudate_basal_ganglia	0.926074801	Brain_Cerebellar_Hemisphere				
	2.000416807	0.097701497	0.097701497		-1.060068936	0.092784454	
	-0.380579486	0.603434776	3	0	0.998207054		
C8orf37-AS1	ENSG00000253773.2	0.696934548		2	2	0.414617976	
	Brain_Amygdala	0.819154964	Brain_Hippocampus	1.01137105	0.98862895		
	0.98862895	-0.815793982	-0.228631984		-0.522212983	0.415186231	2
	0	0.998207054					
SPATA13	ENSG00000228741.2	0.696946288		6	5	0.12564049	Brain_Cortex
	0.640234301	Brain_Hippocampus	4.037886733		0.002250261		
	0.213765441	0.467371232	1.531521772		0.828168764	0.392004883	
	5	0	0.998207054				
ANK2	ENSG00000145362.17	0.696968821		1	1	0.696968821	
	Brain_Cerebellar_Hemisphere	0.696968821	Brain_Cerebellar_Hemisphere	1	1		
	1	-0.389415482	-0.389415482	-0.389415482	NA	1	0
	0.998207054						
F2RL1	ENSG00000164251.4	0.697049345		6	4	0.471792382	Brain_Amygdala
	0.980826375	Brain_Frontal_Cortex_BA9	4.55988705	0.003841074			
	0.237201201	-0.236961935	0.719565789		0.249084857	0.366989566	
	4	0	0.998207054				
EIF2D	ENSG00000143486.15	0.697064174		3	3	0.323451436	Brain_Cortex
	0.682875539	Brain_Anterior_cingulate_cortex_BA24	1.881361387				
	0.108658981	0.108658981	-0.987390099		0.702321405	0.041157888	
	0.902778907	3	0	0.998207054			
HNF4A	ENSG00000101076.16	0.697079762		2	2	0.400058623	Brain_Cortex
	0.917995019	Brain_Frontal_Cortex_BA9	1.016014237	0.983985763			
	0.983985763	-0.10295962	0.841516541		0.36927846	0.667845498	2
	0	0.998207054					
EIF3C	ENSG00000184110.14	0.69709734	8	5	0.089321417		
	Brain_Substantia_nigra	0.588127533	Brain_Hypothalamus	5.314015397			
	1.20E-06	0.208138435	0.541551468		1.698988149	1.119488502	
	0.340513291	5	0	0.998207054			
PDCD5	ENSG00000105185.11	0.697107192		12	10	0.064106956	Brain_Cerebellum
	0.923910881	Brain_Putamen_basal_ganglia	5.653255572	0.07018626			
	0.215915422	0.095508573	1.851435293		0.857109224	0.524322952	
	10	0	0.998207054				
FGFR10P	ENSG00000213066.11	0.697348846		3	3	0.395801757	
	Brain_Frontal_Cortex_BA9	0.965526178	Brain_Caudate_basal_ganglia				
	1.347351148	0.649378536	0.649378536		-0.04321998	0.849142944	
	0.507799894	0.481716903	3	0	0.998207054		
MRPL58	ENSG00000167862.9	0.697390939		2	2	0.400697512	
	Brain_Spinal_cord_cervical_c-1	0.769245454	Brain_Substantia_nigra				

	1.208530209	0.791469791	0.791469791	-0.840376159	-0.293362018				
	-0.566869088	0.386797409	2	0	0.998207054				
FKBP14	ENSG00000106080.10	0.697425584	3	3	0.360098874				
	Brain_Caudate_basal_ganglia	0.740159888			Brain_Cerebellum	1.854504552			
	0.419493242	0.419493242	-0.33164162	0.915176702	0.38663818				
	0.644701711	3	0	0.998207054					
C11orf24	ENSG00000171067.10	0.697613906	8	5	0.079954915				
	Brain_Hypothalamus	0.91881017	Brain_Cerebellar_Hemisphere	5.083422854					
	0.007651683	0.297480384	-0.101932604	1.750947725	0.774809049				
	0.548230674	5	0	0.998207054					
NIPAL1	ENSG00000163293.11	0.697652323	4	4	0.368725015				
	Brain_Caudate_basal_ganglia	0.989916284	Brain_Hypothalamus	2.956940389					
	0.145902812	0.145902812	-0.012638401	0.898864171	0.270854985				
	0.425655866	4	0	0.998207054					
PRSS33	ENSG00000103355.13	0.697663716	3	3	0.257620149				
	Brain_Anterior_cingulate_cortex_BA24	0.884200871	Brain_Amygdala						
	1.013659565	0.9869687	0.9869687	-0.366775334	1.132033981				
	0.206537557	0.809093487	3	0	0.998207054				
SOAT2	ENSG00000167780.11	0.697680106	1	1	0.697680106				
	Brain_Spinal_cord_cervical_c-1	0.697680106	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.388453977	0.388453977	0.388453977	NA	1	0
	0.998207054								
CD248	ENSG00000174807.3	0.697846244	1	1	0.697846244				
	Brain_Hypothalamus	0.697846244	Brain_Hypothalamus	1	1	1			
	-0.388229446	-0.388229446	-0.388229446	NA	1	0	0.998207054		
FGFBP3	ENSG00000174721.9	0.697886114	2	2	0.546874085				
	Brain_Hypothalamus	0.561561649	Brain_Cerebellum	1.027045969					
	0.972954031	0.972954031	-0.602450828	0.580523493	-0.010963668				
	0.836489164	2	0	0.998207054					
RP6-65G23.3	ENSG00000259153.1	0.6979196	2	2	0.479240596				
	Brain_Hippocampus	0.697317751	Brain_Spinal_cord_cervical_c-1						
	1.107438838	0.892561162	0.892561162	-0.388943759	0.707524494				
	0.159290368	0.775320138	2	0	0.998207054				
MAP3K9	ENSG00000006432.15	0.698039676	5	5	0.293896033				
	Brain_Putamen_basal_ganglia	0.690461756	Brain_Anterior_cingulate_cortex_BA24						
	2.682261177	0.103943185	0.103943185	-1.049613098	0.838587405				
	0.107235032	0.80078918	5	0	0.998207054				
POLR2B	ENSG00000047315.15	0.698078511	3	3	0.469673642				
	Brain_Hypothalamus	0.502271191	Brain_Frontal_Cortex_BA9	1.083304579					
	0.907958763	0.907958763	-0.670920477	0.72301016	0.241278755				
	0.790403421	3	0	0.998207054					
RP11-213G2.2	ENSG00000230303.5	0.698258843	1	1	0.698258843				
	Brain_Substantia_nigra	0.698258843	Brain_Substantia_nigra	1	1				
	1	-0.387671913	-0.387671913	-0.387671913	NA	1	0		
	0.998207054								
LEMD3	ENSG00000174106.2	0.698319118	1	1	0.698319118	Brain_Cerebellum			
	0.698319118	Brain_Cerebellum	1	1	1	-0.387590476	-0.387590476		
	-0.387590476	NA	1	0	0.998207054				
MTDH	ENSG00000147649.9	0.698351319	2	2	0.441556545	Brain_Cortex			
	0.965088196	Brain_Putamen_basal_ganglia	1.371146115	0.628853885					
	0.628853885	-0.043769428	0.769567408	0.36289899	0.575115992	2			
	0	0.998207054							
CDK5RAP1	ENSG00000101391.20	0.698412011	1	1	0.698412011				
	Brain_Cortex	0.698412011	Brain_Cortex	1	1	1	-0.387464973		
	-0.387464973	-0.387464973	NA	1	0	0.998207054			
TMEM147	ENSG00000105677.11	0.69850513	1	1	0.69850513	Brain_Hippocampus			
	0.69850513	Brain_Hippocampus	1	1	1	-0.387339171	-0.387339171		
	-0.387339171	NA	1	0	0.998207054				
ALKBH8	ENSG00000137760.14	0.698576802	2	2	0.397000843				
	Brain_Cortex	0.566732842	Brain_Nucleus_accumbens_basal_ganglia						
	1.671674367	0.328325633	0.328325633	0.572869817	0.846989736				
	0.709929776	0.193832053	2	0	0.998207054				

RP11-498P14.3	ENSG00000242375.1	0.698582545	2	2	0.405239055			
	Brain_Spinal_cord_cervical_c-1	0.985458328				Brain_Hypothalamus		
	1.164284763	0.835715237				-0.018226292	0.832301019	
	0.407037364	0.601413629	2	0	0.998207054			
MYH11	ENSG00000133392.17	0.698583423	1	1	0.698583423		Brain_Amygdala	
	0.698583423	Brain_Amygdala	1	1	1	0.387233404	0.387233404	
	0.387233404	NA	1	0	0.998207054			
PANX1	ENSG00000110218.8	0.698680234	5	4	0.12456796			
	Brain_Spinal_cord_cervical_c-1	0.883853185				Brain_Cortex	2.884138399	
	0.095940122	0.215606317				1.535879407	0.354390524	
	0.814596344	4	0	0.998207054				
LGALS2	ENSG00000100079.6	0.698791508	1	1	0.698791508			
	Brain_Substantia_nigra	0.698791508				Brain_Substantia_nigra	1	1
	1	0.386952318	0.386952318	0.386952318	NA	1	0	
	0.998207054							
MRPL23	ENSG00000214026.10	0.698825376	11	10	0.102486046			
	Brain_Cerebellar_Hemisphere	0.945733336				Brain_Hypothalamus	4.797639663	
	0.123750265	0.172801073				-1.632918939	-0.164784469	
	0.76925475	10	0	0.998207054				
ST5	ENSG00000166444.18	0.698917937	1	1	0.698917937			
	Brain_Frontal_Cortex_BA9	0.698917937				Brain_Frontal_Cortex_BA9	1	1
	1	0.38678155	0.38678155	0.38678155	NA	1	0	0.998207054
GSDMA	ENSG00000167914.11	0.699208759	3	3	0.257072775			
	Brain_Spinal_cord_cervical_c-1	0.440972292				Brain_Substantia_nigra		
	2.642106868	0.131505184	0.131505184			-1.133336964	-0.770552388	
	-0.963990958	0.182588337	3	0	0.998207054			
GOSR2	ENSG00000108433.16	0.699228732	5	3	0.233836827			
	Brain_Spinal_cord_cervical_c-1	0.834318024				Brain_Cortex	3.945527665	
	0.034112521	0.184755924				-0.209166806	-0.645593364	
	0.419466203	3	0	0.998207054				
NUAK2	ENSG00000163545.8	0.699285836	2	2	0.400272848		Brain_Cerebellum	
	0.601388382	Brain_Cerebellar_Hemisphere	1.53166032	0.46833968	0.46833968			
	0.52240499	0.841134038	0.681769514	0.225375471	2	0		
	0.998207054							
MAGOH	ENSG00000162385.10	0.699320832	1	1	0.699320832		Brain_Cerebellum	
	0.699320832	Brain_Cerebellum	1	1	1	-0.386237435	-0.386237435	
	-0.386237435	NA	1	0	0.998207054			
UST	ENSG00000111962.7	0.699320896	6	5	0.130203886		Brain_Cortex	
	0.696728651	Brain_Cerebellar_Hemisphere	2.675196382	0.043304684				
	0.368076138	-1.513298371	0.992982479			-0.58553623	1.0225194	5
	0	0.998207054						
ABCD3	ENSG00000117528.11	0.699346486	1	1	0.699346486		Brain_Cortex	
	0.699346486	Brain_Cortex	1	1	1	0.386202792	0.386202792	
	0.386202792	NA	1	0	0.998207054			
CTD-2081C10.7	ENSG00000272416.1	0.699350125	1	1	0.699350125			
	Brain_Hypothalamus	0.699350125	Brain_Hypothalamus	1	1	1		
	-0.386197878	-0.386197878	-0.386197878	NA	1	0	0.998207054	
KRT81	ENSG00000205426.10	0.69935335	10	4	0.425987773		Brain_Amygdala	
	0.833593154	Brain_Putamen_basal_ganglia	7.88938153	0.001483516				
	0.379389079	-0.423941087	0.796076155	0.444032761		0.372799511		
	4	0	0.998207054					
PPP1R9A	ENSG00000158528.11	0.699363378	1	1	0.699363378			
	Brain_Nucleus_accumbens_basal_ganglia	0.699363378						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.386179982			
	0.386179982	0.386179982	NA	1	0	0.998207054		
DAO	ENSG00000110887.7	0.699501712	2	2	0.660104376		Brain_Cerebellum	
	0.892778658	Brain_Spinal_cord_cervical_c-1	1.760212455	0.239787545				
	0.239787545	-0.439769064	0.134789057			-0.152490003	0.406273944	
	2	0	0.998207054					
FAM170B	ENSG00000172538.6	0.699639602	1	1	0.699639602			
	Brain_Spinal_cord_cervical_c-1	0.699639602				Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.385807012	0.385807012	0.385807012	NA	1
								0

0.998207054							
ACSM3	ENSG00000005187.11	0.699654986	2	2	0.402034148		
	Brain_Hypothalamus	0.940015528			Brain_Cerebellum	1.041367037	
	0.958632963	0.958632963	-0.837993867		0.075250346		-0.38137176
	0.645761176	2	0	0.998207054			
SLC25A17	ENSG00000100372.14	0.699674006	3	3	0.336751259		
	Brain_Cerebellum	0.963671219			Brain_Putamen_basal_ganglia	1.829227566	
	0.41857911	0.41857911	-0.960604114		0.335486595		-0.223554879
	0.666129007	3	0	0.998207054			
ANLN	ENSG00000011426.10	0.699704118	1	1	0.699704118		Brain_Amygdala
	0.699704118	Brain_Amygdala	1	1	1	-0.385719907	-0.385719907
	-0.385719907	NA	1	0	0.998207054		
BAZ1B	ENSG00000009954.10	0.699749938	1	1	0.699749938		
	Brain_Caudate_basal_ganglia	0.699749938			Brain_Caudate_basal_ganglia	1	1
	1	0.385658046	0.385658046	0.385658046	NA	1	0
	0.998207054						
TCP11	ENSG00000124678.17	0.69976684	5	5	0.175888488		
	Brain_Substantia_nigra	0.679143402			Brain_Cortex	1.846030942	
	0.416773109	0.416773109	0.413632316		1.353523373		0.853671853
	0.380808728	5	0	0.998207054			
RP11-568A7.3	ENSG00000231720.1	0.699800212	3	3	0.235570115		
	Brain_Substantia_nigra	0.446051533			Brain_Hypothalamus	2.385654279	
	0.107209266	0.107209266	0.762014193		1.186132151		0.974314412
	0.212059391	3	0	0.998207054			
GPC5	ENSG00000179399.14	0.700019213	5	5	0.229514009		
	Brain_Hippocampus	0.987641295			Brain_Frontal_Cortex_BA9	1.573668351	
	0.524072969	0.524072969	-0.882267286		1.201611693		0.345624077
	0.854799691	5	0	0.998207054			
PPFIA1	ENSG00000131626.16	0.700081814	12	2	0.447732502		
	Brain_Putamen_basal_ganglia	0.927582751			Brain_Spinal_cord_cervical_c-1		
	10.46212405	0.000574622	0.98227089		-0.759200709		-0.090886532
	-0.503096301	0.253635894	2	0	0.998207054		
NR2E3	ENSG00000278570.4	0.700124784	4	4	0.427354088		Brain_Cortex
	0.550111912	Brain_Cerebellar_Hemisphere	1.815982748		0.229955659		
	0.229955659	-0.778297051	0.793727499		0.320617246		0.737075927
	4	0	0.998207054				
PRMT2	ENSG00000160310.17	0.700152451	9	9	0.114662329		
	Brain_Spinal_cord_cervical_c-1	0.856588882					
	Brain_Nucleus_accumbens_basal_ganglia	2.369118279			0.175752676		
	0.175752676	-1.51915479	1.577579133		-0.31928871		0.840544624
	9	0	0.998207054				
RBM39	ENSG00000131051.22	0.700181676	3	3	0.250576901		
	Brain_Hypothalamus	0.85897332			Brain_Nucleus_accumbens_basal_ganglia		
	1.085892136	0.943960446	0.943960446		-0.177681239		1.148949265
	0.397293149	0.680734492	3	0	0.998207054		
AC006946.16	ENSG00000273203.1	0.700189194	8	4	0.146909223		
	Brain_Putamen_basal_ganglia	0.987971573			Brain_Cerebellum	6.379948129	
	0.038348725	0.26652026	0.015075969		1.450535587		0.86221095
	0.434082995	4	0	0.998207054			
VSTM5	ENSG00000214376.5	0.700231487	5	5	0.285830584		Brain_Cortex
	0.711167439	Brain_Frontal_Cortex_BA9	2.767004586		0.108321365		
	0.108321365	-0.691314043	1.067312858		0.230598425		0.754243216
	5	0	0.998207054				
SIKE1	ENSG00000052723.11	0.700329896	1	1	0.700329896		
	Brain_Caudate_basal_ganglia	0.700329896			Brain_Caudate_basal_ganglia	1	1
	1	0.384875179	0.384875179		0.384875179	NA	1
	0.998207054						
RPS24	ENSG00000138326.18	0.70040337	6	6	0.434566657		
	Brain_Substantia_nigra	0.866969354			Brain_Frontal_Cortex_BA9		
	2.039120841	0.112569628	0.112569628		-0.627018188		0.781401045
	-0.013512486	0.506936691	6	0	0.998207054		
RPL30	ENSG00000156482.10	0.700451856	1	1	0.700451856		

	Brain_Putamen_basal_ganglia	0.700451856		Brain_Putamen_basal_ganglia	1	1	
		-0.38471058	-0.38471058		NA	1	0
		0.998207054					
HRCT1	ENSG00000196196.2	0.700694998	1	1	0.700694998	Brain_Cortex	
		0.700694998	Brain_Cortex	1	1	1	-0.38438246
		-0.38438246	NA	1	0	0.998207054	-0.38438246
RP11-254F7.2	ENSG00000260077.1	0.700704807			10	4	0.303895144
	Brain_Spinal_cord_cervical_c-1	0.984990266					Brain_Substantia_nigra
		7.494265581	0.016881249	0.392525847			-0.028755672
		0.340491517	0.375876062	4	0	0.998207054	1.028116257
LDLRAD2	ENSG00000187942.11	0.700722235	1	1	0.700722235		
	Brain_Amygdala	0.700722235	Brain_Amygdala	1	1	1	-0.384345708
		-0.384345708	NA	1	0	0.998207054	
GTF2A1	ENSG00000165417.11	0.700723826	2	2	0.415686524		
	Brain_Caudate_basal_ganglia	0.877241778					Brain_Anterior_cingulate_cortex_BA24
		1.080756993	0.919243007	0.919243007			-0.154466684
		0.329730374	0.684758047	2	0	0.998207054	0.813927433
RNASE4	ENSG00000258818.3	0.70082326	3	3	0.373087249	Brain_Amygdala	
	Brain_Nucleus_accumbens_basal_ganglia	1.779339041					0.479601749
		0.479601749	-0.302017085	0.890705378			0.198082094
		0	0.998207054				0.61923006
LRRC75A	ENSG00000181350.11	0.701005094	2	2	0.467429411		
	Brain_Cortex	0.493977444	Brain_Nucleus_accumbens_basal_ganglia				
		1.403457479	0.596542521	0.596542521			-0.726667918
		-0.705332155	0.030173326	2	0	0.998207054	-0.683996392
C2CD4A	ENSG00000198535.5	0.701420394	2	2	0.431910309		
	Brain_Hypothalamus	0.604314131	Brain_Nucleus_accumbens_basal_ganglia				
		1.290887325	0.709112675	0.709112675			0.518206599
		0.652066754	0.189306847	2	0	0.998207054	0.785926909
DCLRE1B	ENSG00000118655.4	0.701444502	2	2	0.457344808		
	Brain_Spinal_cord_cervical_c-1	0.501282192					Brain_Cerebellum
		0.578374619	0.578374619	0.672473677			1.421625381
		0.050029513	2	0	0.998207054		0.707849885
SLC17A7	ENSG00000104888.9	0.701567173	1	1	0.701567173		
	Brain_Cerebellar_Hemisphere	0.701567173	Brain_Cerebellar_Hemisphere	1	1		
		1	-0.383205806	-0.383205806			NA
		0.998207054					1
CFAP97	ENSG00000164323.12	0.701709551	8	7	0.41051404		
	Brain_Hypothalamus	0.950979253	Brain_Cortex				5.256182498
		0.115092302	0.211870503	-0.822989367			0.754382376
		0.589726703	7	0	0.998207054		0.19226435
NUDT2	ENSG00000164978.17	0.70178313	13	2	0.29446022	Brain_Amygdala	
		0.742978647	Brain_Caudate_basal_ganglia	11.42696762			0.002808078
		0.764919521	0.327911409	1.048387262			0.733024202
		2	0	0.998207054			0.225470318
ABC13-47488600E17.1	ENSG00000283199.1	0.701818307	1	1	0.701818307		
	Brain_Spinal_cord_cervical_c-1	0.701818307	Brain_Spinal_cord_cervical_c-1				
		1	1	1	0.382867099	0.382867099	0.382867099
		0.998207054					NA
GLP2R	ENSG00000065325.12	0.701927675	3	2	0.452095788	Brain_Cortex	
		0.662785532	Brain_Nucleus_accumbens_basal_ganglia	2.790629991			
		0.051219935	0.158150074	-0.751925623			-0.436070566
		0.170429781	2	0	0.998207054		-0.630990013
MRPL40	ENSG00000185608.8	0.70195421	3	3	0.406380894		
	Brain_Hippocampus	0.973291188	Brain_Cerebellum	1.796696934			
		0.307776692	0.307776692	-0.830279291			0.580907708
		0.707555631	3	0	0.998207054		-0.094284123
FAM221A	ENSG00000188732.10	0.702275321	13	3	0.515870767		
	Brain_Caudate_basal_ganglia	0.959514132	Brain_Cerebellar_Hemisphere				
		10.08572727	0.000713591	0.34944158			-0.621117766
		-0.211680915	0.311299599	3	0	0.998207054	0.649723616
ZNF503-AS1	ENSG00000226051.6	0.702370211	1	1	0.702370211		

	Brain_Substantia_nigra	0.702370211		Brain_Substantia_nigra	1	1
	1	0.382122894	0.382122894	0.382122894	NA	1 0
	0.998207054					
CLN8	ENSG00000182372.9	0.702392142	4	4	0.214453296	
	Brain_Putamen_basal_ganglia	0.853392429		Brain_Cerebellum	1.408579333	
	0.654704931	0.654704931	-1.241412792	0.620196454	0.003266064	
	0.848900257	4	0	0.998207054		
MAGI1	ENSG00000151276.23	0.702601205	2	2	0.501371421	
	Brain_Cerebellar_Hemisphere	0.974500419		Brain_Cerebellum	1.568844015	
	0.431155985	0.431155985	-0.672333479	0.031964427	-0.320184526	
	0.498013826	2	0	0.998207054		
RNF213	ENSG00000173821.19	0.702685382	5	5	0.228302021	
	Brain_Cerebellar_Hemisphere	0.98760221		Brain_Cerebellum	2.304043205	
	0.340455034	0.340455034	0.015538951	1.20474432	0.556461933	
	0.5765559	5	0	0.998207054		
STAU1	ENSG00000124214.19	0.702779246	3	3	0.313769673	
	Brain_Anterior_cingulate_cortex_BA24	0.703840762		Brain_Hypothalamus		
	2.23292184	0.235484177	0.235484177	-1.007343624	-0.380140987	
	-0.65143056	0.322050677	3	0	0.998207054	
FGF22	ENSG00000070388.11	0.702908756	2	2	0.502936849	
	Brain_Cerebellar_Hemisphere	0.598503286		Brain_Nucleus_accumbens_basal_ganglia		
	1.030615131	0.969384869	0.969384869	0.526554082	0.669875987	
	0.598215034	0.101343891	2	0	0.998207054	
TAF4	ENSG00000130699.18	0.702921202	3	3	0.264470048	
	Brain_Nucleus_accumbens_basal_ganglia	0.890009756		Brain_Cerebellar_Hemisphere		
	1.405203804	0.595538546	0.595538546	-0.394956348	1.115888073	
	0.194213287	0.808444477	3	0	0.998207054	
TBCB	ENSG00000105254.11	0.702942417	1	1	0.702942417	
	Brain_Spinal_cord_cervical_c-1	0.702942417		Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.381351536	-0.381351536	NA 1 0
	0.998207054					
WASHC2C	ENSG00000172661.17	0.702947081	13	6	0.079434848	
	Brain_Substantia_nigra	0.919352307		Brain_Frontal_Cortex_BA9		
	8.640261882	0.046923866	0.396437796	-0.325704074	1.753974668	
	0.43580691	0.509695822	6	0	0.998207054	
TTC28	ENSG00000100154.14	0.703027857	3	3	0.469006889	
	Brain_Hippocampus	0.986822032		Brain_Cerebellum	2.221727367	
	0.152502429	0.152502429	0.016516885	0.724095855	0.458059985	
	0.385057257	3	0	0.998207054		
ARHGAP22	ENSG00000128805.14	0.70313984	3	3	0.347982203	
	Brain_Anterior_cingulate_cortex_BA24	0.66483426		Brain_Cerebellum	1.23185495	
	0.758987122	0.758987122	0.433248483	0.938510345	0.67854566	
	0.252950072	3	0	0.998207054		
RP11-479J7.2	ENSG00000229588.1	0.703195062	1	1	0.703195062	
	Brain_Nucleus_accumbens_basal_ganglia	0.703195062				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.381011033	
	-0.381011033	-0.381011033	NA	1	0	0.998207054
PTAR1	ENSG00000188647.12	0.703283987	3	3	0.248859047	Brain_Cerebellum
	Brain_Hypothalamus	1.902829011		0.098225051		
	0.790704286	Brain_Hypothalamus	1.902829011	0.098225051		
	0.098225051	-0.265396171	1.153125085	0.625351327	0.775798356	
	3	0	0.998207054			
GRIP1	ENSG00000155974.11	0.703291842	1	1	0.703291842	
	Brain_Spinal_cord_cervical_c-1	0.703291842		Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.380880609	0.380880609	0.380880609 NA 1 0
	0.998207054					
TPGS1	ENSG00000141933.9	0.703350953	2	2	0.414598502	
	Brain_Putamen_basal_ganglia	0.84863699		Brain_Cortex	1.005695554	
	0.994304446	0.994304446	-0.190857817	0.815828025	0.312485104	
	0.711834385	2	0	0.998207054		
RP11-218E20.3	ENSG00000258711.2	0.703449642	10	6	0.326977298	
	Brain_Cortex	0.856868758		Brain_Anterior_cingulate_cortex_BA24	6.5304242	
	0.051769334	0.234349337	-0.225466594	0.98022048	0.521640203	

	0.367053571	6	0	0.998207054					
ZNF582	ENSG00000018869.16			0.703669361	3	3	0.342798314		
	Brain_Cerebellar_Hemisphere	0.992801963					Brain_Amygdala	1.827843583	
	0.200593886	0.200593886		-0.948650664			0.397801545		-0.186623548
	0.690572405	3	0	0.998207054					
KCNH3	ENSG00000135519.6			0.703746891	1	1	0.703746891		
	Brain_Cerebellar_Hemisphere	0.703746891					Brain_Cerebellar_Hemisphere	1	1
	1	-0.380267456		-0.380267456			-0.380267456	NA	1
	0.998207054								0
SERAC1	ENSG00000122335.13			0.703872772	8	5	0.222862962		
	Brain_Spinal_cord_cervical_c-1	0.97013305					Brain_Cerebellar_Hemisphere		
	5.260634877	0.027058822		0.212286343			-1.218950548		0.676237511
	0.073561733	0.585648438		5	0	0.998207054			
ZNF114	ENSG00000178150.9			0.703873444	3	3	0.353036377		
	Brain_Cerebellum	0.853702825					Brain_Cortex	1.966273779	0.388728106
	0.388728106	-0.184395978		0.928715825			0.485710374		0.590284326
	3	0		0.998207054					
KBTBD12	ENSG00000187715.13			0.703896318	9	5	0.322576173		
	Brain_Putamen_basal_ganglia	0.92014874					Brain_Caudate_basal_ganglia	6.52241643	
	0.006606152	0.252193386		-0.98917777			0.69605959		-0.340390131
	0.480097079	5	0	0.998207054					
MMP2	ENSG00000087245.12			0.703916087	2	2	0.422844855		
	Brain_Putamen_basal_ganglia	0.85700095					Brain_Anterior_cingulate_cortex_BA24		
	1.079315726	0.920684274		0.920684274			-0.801495488		0.180193132
	-0.310651178	0.69415868	2	0	0.998207054				
CYB5R3	ENSG00000100243.20			0.704023078	9	2	0.335096241		
	Brain_Nucleus_accumbens_basal_ganglia	0.997300651					Brain_Cortex		
	8.105805793	3.50E-05		0.402505684			-0.963899647		0.070980663
	-0.455516586	0.351037705		2	0	0.998207054			
FUBP3	ENSG00000107164.15			0.704092477	2	2	0.416044014		Brain_Cortex
	0.867089464	Brain_Cerebellum	1.040634179				0.959365821		0.959365821
	-0.813303599	0.167356609		-0.322973495			0.693431483		2
	0.998207054								0
ENTPD1	ENSG00000138185.18			0.704223154	3	3	0.382856318		
	Brain_Cerebellum	0.904484396					Brain_Anterior_cingulate_cortex_BA24		
	1.920076132	0.336064879		0.336064879			-0.872645525		0.470109269
	-0.174178227	0.673015005		3	0	0.998207054			
RP11-521016.2	ENSG00000260163.1			0.704255028	2	2	0.427063033		
	Brain_Substantia_nigra	0.646861165					Brain_Spinal_cord_cervical_c-1		
	1.784174313	0.215825687		0.215825687			-0.794227447		-0.458127052
	-0.626177249	0.237658869		2	0	0.998207054			
SLC35B1	ENSG00000121073.13			0.704272173	1	1	0.704272173		
	Brain_Amygdala	0.704272173					Brain_Amygdala	1	1
	-0.379559845	-0.379559845		NA	1	0	0.998207054		-0.379559845
ZFP28	ENSG00000196867.7			0.70440398	8	8	0.178575985		
	Brain_Nucleus_accumbens_basal_ganglia	0.940972712					Brain_Putamen_basal_ganglia		
	2.727172139	0.325360326		0.325360326			-0.525449137		1.345152522
	0.295012674	0.744390017		8	0	0.998207054			
CDCA7L	ENSG00000164649.19			0.704446696	4	4	0.23558426		
	Brain_Putamen_basal_ganglia	0.965383486					Brain_Cerebellar_Hemisphere		
	1.426533564	0.644267288		0.644267288			-1.186096329		0.421332802
	-0.384420259	0.744196699		4	0	0.998207054			
ADAMTS3	ENSG00000156140.9			0.704664605	2	2	0.493533102		
	Brain_Frontal_Cortex_BA9	0.889695017					Brain_Cortex	1.431145797	
	0.568854203	0.568854203		-0.138690131			0.684700233		0.273005051
	0.58222491	2	0	0.998207054					
ZNF626	ENSG00000188171.15			0.704823914	13	3	0.304514038		
	Brain_Cerebellum	0.955701906					Brain_Substantia_nigra	10.87537791	
	0.000691235	0.683404897		-0.293116051			1.026801299		0.385011101
	0.425894765	3	0	0.998207054					
KIAA1644	ENSG00000138944.7			0.704826487	1	1	0.704826487		
	Brain_Spinal_cord_cervical_c-1	0.704826487					Brain_Spinal_cord_cervical_c-1		

1	1	1	0.378813332	0.378813332	0.378813332	NA	1	0
0.998207054								
RP11-86H7.6	ENSG00000223675.1		0.704846854	6	6	0.139744413		
Brain_Cortex	0.895601599	Brain_Caudate_basal_ganglia	2.805190306					
0.152114431	0.152114431	-0.89626314	1.476743478			0.527602624		
0.86760599	6	0	0.998207054					
USP20	ENSG00000136878.12		0.704958977	5	4	0.203946613		
Brain_Hypothalamus	0.942404244	Brain_Putamen_basal_ganglia	2.000772555					
0.052054849	0.566778184	-1.270387559	0.07224838			-0.544847723		
0.478809766	4	0	0.998207054					
NADK2	ENSG00000152620.12		0.705014153	3	3	0.260505162		
Brain_Anterior_cingulate_cortex_BA24	0.387875407	Brain_Amygdala						
2.683020588	0.089770495	0.089770495	0.863476732			1.12519795		
1.027733733	0.143075001	3	0	0.998207054				
CDC42BPG	ENSG00000171219.8		0.705023467	4	4	0.577370344		
Brain_Putamen_basal_ganglia	0.898031597	Brain_Cerebellar_Hemisphere						
1.916090487	0.108790655	0.108790655	-0.557229929			0.491791739		
-0.1360715	0.453767422	4	0	0.998207054				
SLC38A3	ENSG00000188338.14		0.705070032	2	2	0.45555933		
Brain_Frontal_Cortex_BA9	0.976669165	Brain_Caudate_basal_ganglia	1.41945852					
0.58054148	0.58054148	-0.746178937	0.029245034			-0.358466952		
0.548307548	2	0	0.998207054					
ZNF462	ENSG00000148143.12		0.705131008	10	3	0.211258894		
Brain_Cortex	0.965319726	Brain_Substantia_nigra	8.576560062					
0.003224178	0.298682716	0.043478973	1.250111295			0.881306037		
0.345468473	3	0	0.998207054					
SPSB1	ENSG00000171621.13		0.705145816	2	2	0.420408825		
Brain_Nucleus_accumbens_basal_ganglia	0.447764782	Brain_Caudate_basal_ganglia						
1.763979206	0.236020794	0.236020794	0.75914674	0.80571218	0.78242946			
0.032926738	2	0	0.998207054					
GTF2A2	ENSG00000140307.10		0.705149917	1	1	0.705149917		
Brain_Caudate_basal_ganglia	0.705149917	Brain_Caudate_basal_ganglia	1	1				
1	-0.378377855	-0.378377855	-0.378377855	NA	1	0		
0.998207054								
ZNF709	ENSG00000242852.6		0.705172584	8	3	0.2416976	Brain_Cerebellum	
0.582935927	Brain_Hypothalamus	6.455654193	0.001350216					
0.226721661	-1.17075418	-0.549101309	-0.889918191			0.234347891		
3	0	0.998207054						
MBD6	ENSG00000166987.14		0.705528024	4	4	0.264295366		
Brain_Hippocampus	0.988902224	Brain_Anterior_cingulate_cortex_BA24						
2.101640555	0.186634857	0.186634857	-0.013909449			1.116296203		
0.50069212	0.508704127	4	0	0.998207054				
GRM6	ENSG00000113262.14		0.705545422	2	2	0.426851629		
Brain_Hippocampus	0.978761104	Brain_Frontal_Cortex_BA9	1.338214383					
0.661785617	0.661785617	-0.794590702	-0.026622153			-0.410606428		
0.543035769	2	0	0.998207054					
ALG1L2	ENSG00000251287.8		0.705569219	4	4	0.158100528		
Brain_Caudate_basal_ganglia	0.782657631	Brain_Spinal_cord_cervical_c-1						
2.372304318	0.210654714	0.210654714	-0.275857353			1.411488828		
0.718260272	0.744431073	4	0	0.998207054				
TGFB1I1	ENSG00000140682.18		0.705637802	2	2	0.419946309		
Brain_Cerebellar_Hemisphere	0.619064463	Brain_Cerebellum	1.783276719					
0.216723281	0.216723281	0.497176683	0.806514399			0.651845541		
0.218734797	2	0	0.998207054					
SEC14L5	ENSG00000103184.11		0.705677383	2	2	0.414272373		
Brain_Cerebellum	0.883772619	Brain_Frontal_Cortex_BA9	1.035377267					
0.964622733	0.964622733	-0.816398292	-0.146188455			-0.481293374		
0.473909921	2	0	0.998207054					
CTD-2650P22.1	ENSG00000259438.1		0.705814651	1	1	0.705814651		
Brain_Amygdala	0.705814651	Brain_Amygdala	1	1	1	0.37748306		
0.37748306	0.37748306	NA	1	0	0.998207054			
SLA	ENSG00000155926.13		0.705817473	4	4	0.255989874		

	Brain_Caudate_basal_ganglia	0.971166033		Brain_Putamen_basal_ganglia		
	1.976420036	0.335286891	0.335286891	-1.135920413	0.036145888	
	-0.412073138	0.537311233	4	0	0.998207054	
SLC16A3	ENSG00000141526.16	0.70595028	1	1	0.70595028	Brain_Cerebellum
	0.70595028	Brain_Cerebellum1	1	1	0.377300528	0.377300528
	0.377300528	NA	1	0	0.998207054	
PPP4R4	ENSG00000119698.11	0.706090694	8	5	0.224460917	
	Brain_Cortex	0.975649578		Brain_Caudate_basal_ganglia	5.028323516	
	0.004228499	0.372049886		-1.214751413	0.56074833	0.10585606
	0.562802148	5	0	0.998207054		
TMEM260	ENSG00000070269.13	0.706114679	4	4	0.205417319	
	Brain_Cerebellum	0.920465175		Brain_Spinal_cord_cervical_c-1	1.732594687	
	0.479240573	0.479240573		-1.266267525	0.09984778	-0.495291412
	0.56768033	4	0	0.998207054		
AARD	ENSG00000205002.3	0.706167656	2	1	0.650676143	Brain_Cortex
	0.772167721	Brain_Frontal_Cortex_BA9	1.938662835	0.061337165		
	1.938662835	-0.452823079	-0.289540593	-0.371181836	0.115458153	
	1	0	0.998207054			
SPCS3	ENSG00000129128.12	0.706305805	4	4	0.329524471	
	Brain_Caudate_basal_ganglia	0.787614537		Brain_Nucleus_accumbens_basal_ganglia		
	1.691698509	0.331656224	0.331656224	-0.975072152	0.930197176	
	0.027203844	0.829591733	4	0	0.998207054	
RP11-626G11.1	ENSG00000261357.1	0.706373085	1	1	0.706373085	
	Brain_Cerebellar_Hemisphere	0.706373085		Brain_Cerebellar_Hemisphere1	1	1
	1	-0.376731589	-0.376731589	-0.376731589	NA	1
	0.998207054				0	
IFT46	ENSG00000118096.7	0.706380755	5	2	0.420289007	
	Brain_Putamen_basal_ganglia	0.800300306		Brain_Cerebellar_Hemisphere		
	4.458502481	0.011858397	0.355435796	-0.805919951	-0.25295847	
	-0.521153503	0.203250653	2	0	0.998207054	
RSPH3	ENSG00000130363.11	0.706531301	1	1	0.706531301	
	Brain_Hypothalamus	0.706531301		Brain_Hypothalamus	1	1
	0.376518721	0.376518721	0.376518721	NA	1	0
	0.998207054				0.998207054	
ARL4D	ENSG00000175906.4	0.706547472	2	1	0.706490844	
	Brain_Cerebellar_Hemisphere	0.707246332		Brain_Cerebellum	1.995413645	
	0.004586355	1.995413645	0.375556907	0.376573151	0.376065029	
	0.000718593	1	0	0.998207054		
BOD1L1	ENSG00000038219.12	0.706561567	2	2	0.4136408	
	Brain_Frontal_Cortex_BA9	0.967024183		Brain_Anterior_cingulate_cortex_BA24		
	1.243270987	0.756729013	0.756729013	0.04134083	0.817503412	
	0.429422121	0.548829825	2	0	0.998207054	
Clorf115	ENSG00000162817.6	0.706681623	6	6	0.069386565	
	Brain_Cerebellum	0.88094903		Brain_Nucleus_accumbens_basal_ganglia	2.725010056	
	0.093730653	0.093730653	-1.815894451	-0.149766259	-0.830759227	
	0.717564492	6	0	0.998207054		
LY6G5B	ENSG00000240053.8	0.706718093	10	7	0.380920926	
	Brain_Cortex	0.971206352		Brain_Putamen_basal_ganglia	6.861502501	
	0.00546873	0.233737619	-0.876200719	0.557130069	-0.273646352	
	0.512995899	7	0	0.998207054		
PAPSS2	ENSG00000198682.12	0.706747283	1	1	0.706747283	
	Brain_Nucleus_accumbens_basal_ganglia	0.706747283				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.376228159	
	-0.376228159	-0.376228159	NA	1	0	0.998207054
ZNF619	ENSG00000177873.12	0.706783124	3	2	0.43643247	Brain_Cerebellum
	0.605681432	Brain_Frontal_Cortex_BA9	2.081696691	0.04606991		
	0.872233399	-0.778231636	-0.516247681	-0.678098213	0.141476675	
	2	0	0.998207054			
RPS5	ENSG00000083845.8	0.706952561	4	2	0.407439083	
	Brain_Cerebellar_Hemisphere	0.721340078		Brain_Nucleus_accumbens_basal_ganglia		
	3.418090835	0.010424656	0.544679437	-0.828408697	-0.356668383	
	-0.624863612	0.196171448	2	0	0.998207054	
RP11-567M16.6	ENSG00000274828.1	0.707019484	13	2	0.511676654	

	Brain_Amygdala	0.843134735		Brain_Spinal_cord_cervical_c-1	11.37243171		
	0.001795342	0.808318694		-0.295355284	0.656229214		0.42197147
	0.253300511	2	0	0.998207054			
PROCR	ENSG00000101000.5	0.707112544	2	2	0.506929834		
	Brain_Cerebellar_Hemisphere	0.736663807		Brain_Cerebellum	1.23043191	0.76956809	
	0.76956809	-0.66362581	0.336274593		-0.163675609	0.707036356	2
	0	0.998207054					
FRRS1L	ENSG00000260230.2	0.707113331	4	4	0.166694726		
	Brain_Putamen_basal_ganglia	0.722109681		Brain_Cerebellar_Hemisphere			
	2.107641641	0.258183637	0.258183637		-1.382902624	0.657570983	
	-0.467306008	0.860066026	4	0	0.998207054		
ZNF740	ENSG00000139651.10	0.707249732	3	3	0.470122748		
	Brain_Putamen_basal_ganglia	0.661113507		Brain_Cortex	1.997462278		
	0.196990943	0.196990943	-0.668482664		0.722279347	0.164057669	
	0.734842014	3	0	0.998207054			
FUS	ENSG00000089280.18	0.707259234	1	1	0.707259234	Brain_Amygdala	
	0.707259234	Brain_Amygdala	1	1	1	0.375539555	0.375539555
	0.375539555	NA	1	0	0.998207054		
LRRC59	ENSG00000108829.9	0.707385552	1	1	0.707385552		
	Brain_Hippocampus	0.707385552		Brain_Hippocampus	1	1	1
	0.375369678	0.375369678	0.375369678	NA	1	0	0.998207054
NOXA1	ENSG00000188747.8	0.707520028	3	3	0.366954752		
	Brain_Hippocampus	0.706496984		Brain_Hypothalamus	1.412448846		
	0.588238779	0.588238779	-0.37656489		0.902192248	0.429191167	
	0.701319727	3	0	0.998207054			
RPL41	ENSG00000229117.8	0.707525075	2	2	0.501761055		
	Brain_Hypothalamus	0.623373101		Brain_Cerebellar_Hemisphere	1.000607209		
	0.999392791	0.999392791	-0.491075426		0.671721432	0.090323003	
	0.822221543	2	0	0.998207054			
AP1G2	ENSG00000213983.11	0.707541799	1	1	0.707541799		
	Brain_Substantia_nigra	0.707541799		Brain_Substantia_nigra	1	1	
	1	-0.375159567	-0.375159567	-0.375159567	NA	1	0
	0.998207054						
CUL7	ENSG00000044090.8	0.707597272	5	5	0.389825853		
	Brain_Nucleus_accumbens_basal_ganglia	0.823260578					
	Brain_Anterior_cingulate_cortex_BA24	2.517469159		0.088572543			
	0.088572543	-0.63597685	0.859933224		-0.114476021	0.646647972	
	5	0	0.998207054				
SMO	ENSG00000128602.9	0.707619325	2	2	0.4257561		
	Brain_Cerebellar_Hemisphere	0.898883822		Brain_Hypothalamus	1.138183639		
	0.861816361	0.861816361	-0.796474828		-0.127071483	-0.461773155	
	0.473339645	2	0	0.998207054			
INPP5E	ENSG00000148384.12	0.707731818	12	1	0.250501418		
	Brain_Anterior_cingulate_cortex_BA24	0.907104888		Brain_Caudate_basal_ganglia			
	11.58301549	0.00077233	11.58301549		-1.149132333	-0.116691044	
	-0.370904539	0.271346189	1	0	0.998207054		
KAZALD1	ENSG00000107821.14	0.707748388	3	3	0.306378459		
	Brain_Nucleus_accumbens_basal_ganglia	0.754771755		Brain_Putamen_basal_ganglia			
	1.698407144	0.325270706	0.325270706		-1.022850664	0.373222495	
	-0.320660614	0.69807365	3	0	0.998207054		
LINC00989	ENSG00000250334.5	0.707903537	1	1	0.707903537		
	Brain_Substantia_nigra	0.707903537		Brain_Substantia_nigra	1	1	
	1	0.374673185	0.374673185	0.374673185	NA	1	0
	0.998207054						
PDXK	ENSG00000160209.18	0.707969793	1	1	0.707969793		
	Brain_Putamen_basal_ganglia	0.707969793		Brain_Putamen_basal_ganglia	1	1	
	1	0.374584109	0.374584109	0.374584109	NA	1	0
	0.998207054						
RP1-234P15.4	ENSG00000225793.2	0.708162725	1	1	0.708162725		
	Brain_Spinal_cord_cervical_c-1	0.708162725		Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.374324745	-0.374324745	-0.374324745	NA
	0.998207054						1

FAM69B	ENSG00000165716.10	0.708418633	4	4	0.337066166	
	Brain_Cerebellar_Hemisphere	0.967811828			Brain_Cerebellum	1.819180979
	0.230964908	0.230964908	-0.95997824	0.201810481		-0.281317725
	0.501371836	4	0	0.998207054		
AP2A1	ENSG00000196961.12	0.708425097	2	2	0.459613433	
	Brain_Cerebellar_Hemisphere	0.94694817			Brain_Cerebellum	1.524683014
	0.475316986	0.475316986	-0.739483537	-0.066539677		-0.403011607
	0.475843166	2	0	0.998207054		
CST6	ENSG00000175315.2	0.708485769	3	3	0.396563807	
	Brain_Nucleus_accumbens_basal_ganglia	0.981975657			Brain_Cerebellar_Hemisphere	
	2.200523373	0.259250256	0.259250256	-0.84777407		0.058118013
	-0.255687991	0.513069164	3	0	0.998207054	
IMMP2L	ENSG00000184903.9	0.708525118	2	2	0.451936017	
	Brain_Cerebellar_Hemisphere	0.65257583			Brain_Hypothalamus	1.135918762
	0.864081238	0.864081238	-0.450186694	0.752191312		0.151002309
	0.850209642	2	0	0.998207054		
LINC00951	ENSG00000204092.2	0.708537191	2	1	0.705135602	
	Brain_Cerebellum	0.713043065			Brain_Cerebellar_Hemisphere	1.992124625
	0.007875375	1.992124625	-0.378397128	-0.367772246		-0.373084687
	0.007512926	1	0	0.998207054		
NUDT14	ENSG00000183828.14	0.708559776	12	2	0.207696871	
	Brain_Cerebellar_Hemisphere	0.890058176			Brain_Spinal_cord_cervical_c-1	
	11.17364625	7.62E-05	0.489835641	-1.259923747		0.138230595
	-0.5756697	0.310447476	2	0	0.998207054	
CHTF8	ENSG00000168802.12	0.708591692	2	2	0.417979023	
	Brain_Anterior_cingulate_cortex_BA24	0.47856653			Brain_Spinal_cord_cervical_c-1	
	1.719141712	0.280858288	0.280858288	-0.708609998		0.809932411
	0.050661206	1.073771635	2	0	0.998207054	
ASTN1	ENSG00000152092.15	0.708624674	6	4	0.262439539	
	Brain_Frontal_Cortex_BA9	0.979257013			Brain_Hypothalamus	4.862053781
	0.011118614	0.196484113	-1.120643738	-0.026000407		-0.761257942
	0.404479289	4	0	0.998207054		
NAV1	ENSG00000134369.15	0.708945599	1	1	0.708945599	Brain_Cerebellum
	0.708945599	Brain_Cerebellum	1	1	-0.373272557	-0.373272557
	-0.373272557	NA	1	0	0.998207054	
LRWD1	ENSG00000161036.12	0.709033284	6	3	0.634645845	
	Brain_Putamen_basal_ganglia	0.859271372			Brain_Hippocampus	5.065135574
	0.001183491	0.241002627	-0.474832142	0.47519801	-0.089430478	
	0.360290879	3	0	0.998207054		
RASA3	ENSG00000185989.10	0.709072973	7	5	0.159726523	
	Brain_Hippocampus	0.957336471			Brain_Cerebellar_Hemisphere	4.335968834
	0.025946603	0.201518716	-1.405991923	-0.05349631		-0.483923774
	0.446405767	5	0	0.998207054		
RP4-564F22.5	ENSG00000224635.1	0.709245945	13	1	0.546803047	
	Brain_Substantia_nigra	0.856180722			Brain_Anterior_cingulate_cortex_BA24	
	12.55004058	1.91E-08	12.55004058	-0.602557581		-0.18123806
	-0.36746836	0.146257275	1	0	0.998207054	
PRUNE1	ENSG00000143363.15	0.709555069	2	2	0.49805424	
	Brain_Hippocampus	0.748204713			Brain_Caudate_basal_ganglia	1.21343939
	0.78656061	0.78656061	-0.321007492	0.677554443		0.178273475
	0.706089916	2	0	0.998207054		
OR14I1	ENSG00000189181.4	0.709576805	1	1	0.709576805	
	Brain_Caudate_basal_ganglia	0.709576805			Brain_Caudate_basal_ganglia	1
	1	-0.372424515	-0.372424515	-0.372424515	NA	1
	0.998207054				0	
RP11-421M1.8	ENSG00000272097.1	0.709615258	6	5	0.251246304	
	Brain_Substantia_nigra	0.897273129			Brain_Cerebellar_Hemisphere	1.97761057
	0.065405897	0.745407274	-0.611340539	1.147327473		0.201071718
	0.713228079	5	0	0.998207054		
LINC00216	ENSG00000279636.2	0.709634328	1	1	0.709634328	
	Brain_Anterior_cingulate_cortex_BA24	0.709634328				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.372347244	

	0.372347244	0.372347244	NA	1	0	0.998207054	
ABT1	ENSG00000146109.4	0.709753728		4	4	0.226074536	
	Brain_Caudate_basal_ganglia	0.796929459				Brain_Cerebellum	2.086980905
	0.313448958	0.313448958	-0.257322973			1.210532738	0.801433886
	0.707090507	4	0	0.998207054			
CCDC86	ENSG00000110104.11	0.709847191		5	5	0.37634439	
	Brain_Nucleus_accumbens_basal_ganglia	0.962647728				Brain_Substantia_nigra	
	1.551627814	0.622737661	0.622737661			-0.884651929	0.798764792
	-0.037057037	0.774440013	5	0	0.998207054		
NPIPA7	ENSG00000214967.5	0.709977544		1	1	0.709977544	
	Brain_Hypothalamus	0.709977544	Brain_Hypothalamus	1	1	1	
	-0.371886249	-0.371886249	-0.371886249	NA	1	0	0.998207054
IL18R1	ENSG00000115604.10	0.710003157		13	1	0.535635927	
	Brain_Cortex	0.77865397	Brain_Substantia_nigra			12.84830442	5.16E-07
	12.84830442	-0.619425742	-0.281073573			-0.370211356	0.093058054
	1	0	0.998207054				
RP11-10C24.1	ENSG00000271020.1	0.71003639		1	1	0.71003639	
	Brain_Hypothalamus	0.71003639	Brain_Hypothalamus	1	1	1	
	0.371807217	0.371807217	0.371807217	NA	1	0	0.998207054
TENM4	ENSG00000149256.15	0.71004389		1	1	0.71004389	Brain_Cerebellum
	Brain_Cerebellum	1	1	-0.371797144		-0.371797144	0.71004389
	NA	1	0	0.998207054			
GPD2	ENSG00000115159.15	0.710136072		1	1	0.710136072	
	Brain_Anterior_cingulate_cortex_BA24	0.710136072					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		-0.371673347	
	-0.371673347	-0.371673347	NA	1	0	0.998207054	
POLK	ENSG00000122008.15	0.710145451		5	4	0.375251219	
	Brain_Nucleus_accumbens_basal_ganglia	0.959224734	Brain_Caudate_basal_ganglia				
	2.863353385	0.068121985	0.269849787			-0.886679981	0.859459381
	-0.165100742	0.686799894	4	0	0.998207054		
FOXN2	ENSG00000170802.15	0.71015998		13	1	0.537329069	Brain_Hippocampus
	0.927961071	Brain_Substantia_nigra				12.20782304	0.001648062
	12.20782304	-0.616856973	-0.090410427			-0.359757716	0.170591727
	1	0	0.998207054				
CDK5RAP3	ENSG00000108465.14	0.710201923		13	3	0.350087355	
	Brain_Amygdala	0.932789313	Brain_Hippocampus			10.40904525	
	0.004820651	0.553792656	-0.934419865			0.397346933	-0.233395026
	0.456416396	3	0	0.998207054			
NPFF	ENSG00000139574.8	0.710304363		1	1	0.710304363	Brain_Amygdala
	0.710304363	Brain_Amygdala	1	1	1	0.371447351	0.371447351
	0.371447351	NA	1	0	0.998207054		
LIMCH1	ENSG00000064042.17	0.710311645		3	3	0.410509883	
	Brain_Anterior_cingulate_cortex_BA24	0.924900765	Brain_Cerebellum			1.55517941	
	0.442281471	0.442281471	-0.822996677			0.689791418	-0.075822533
	0.756562605	3	0	0.998207054			
ZFR	ENSG00000056097.15	0.710424065		1	1	0.710424065	Brain_Cerebellum
	0.710424065	Brain_Cerebellum	1	1	1	-0.371286617	-0.371286617
	-0.371286617	NA	1	0	0.998207054		
RP11-43A14.2	ENSG00000282375.1	0.710481397		2	2	0.464242417	
	Brain_Anterior_cingulate_cortex_BA24	0.700979623	Brain_Hippocampus				
	1.000930058	0.999069942	0.999069942			-0.731879012	-0.383998414
	-0.557938713	0.24598873	2	0	0.998207054		
C6orf201	ENSG00000185689.15	0.710640208		6	3	0.297646496	
	Brain_Frontal_Cortex_BA9	0.972207317	Brain_Cerebellar_Hemisphere				
	4.699254085	0.052792476	0.337830936			-0.403857717	1.041493656
	0.351674729	0.54011373	3	0	0.998207054		
LINC01219	ENSG00000232987.1	0.710792841		4	4	0.275419983	
	Brain_Cortex	0.564290426	Brain_Cerebellum			1.254385023	0.754080492
	0.754080492	-1.090665757	-0.57648053			-0.751495318	0.23056233
	0	0.998207054					4
MYO3A	ENSG00000095777.14	0.710923302		3	3	0.742955455	
	Brain_Nucleus_accumbens_basal_ganglia	0.778226066	Brain_Caudate_basal_ganglia				

	1.860413242	0.142629168	0.142629168	-0.281631523	0.327942081				
	0.117731447	0.346018713	3	0	0.998207054				
LINC00954	ENSG00000228784.7	0.710942898	1	1	0.710942898				
	Brain_Spinal_cord_cervical_c-1	0.710942898			Brain_Spinal_cord_cervical_c-1				
	1	1	-0.370590045	-0.370590045	-0.370590045	NA	1	0	
	0.998207054								
DCUN1D2	ENSG00000150401.14	0.711157085	7	3	0.268625167				
	Brain_Cerebellar_Hemisphere	0.825150836			Brain_Anterior_cingulate_cortex_BA24				
	5.74185616	0.001678516	0.252969236	-1.106234193	-0.220924993				
	-0.59133839	0.291113568	3	0	0.998207054				
C8orf22	ENSG00000168333.13	0.711314896	1	1	0.711314896				
	Brain_Hypothalamus	0.711314896	Brain_Hypothalamus	1	1	1			
	0.37009072	0.37009072	0.37009072	NA	1	0	0.998207054		
USF3	ENSG00000176542.9	0.711403197	1	1	0.711403197	Brain_Cortex			
	0.711403197	Brain_Cortex	1	1	1	-0.36997221	-0.36997221		
	-0.36997221	NA	1	0	0.998207054				
CPSF3	ENSG00000119203.13	0.711705473	2	2	0.43094407	Brain_Cerebellum			
	0.923388025	Brain_Hippocampus	1.183392595	0.816607405					
	0.816607405	-0.787577174	0.096166893	-0.345705141	0.624901423				
	2	0	0.998207054						
ABLIM2	ENSG00000163995.19	0.711721437	3	3	0.328184278				
	Brain_Spinal_cord_cervical_c-1	0.798691812			Brain_Substantia_nigra				
	1.081464695	0.91843793	0.91843793	0.255040508	0.977777709				
	0.618300278	0.361383446	3	0	0.998207054				
TSNARE1	ENSG00000171045.14	0.71174073	12	4	0.118394488	Brain_Amygdala			
	0.876120614	Brain_Substantia_nigra	9.066455114	0.017583148					
	0.341034813	0.155888876	1.561548084	0.95693145	0.389136336	4			
	0	0.998207054							
DDHD2	ENSG00000085788.13	0.711890325	7	3	0.213862743				
	Brain_Frontal_Cortex_BA9	0.488979677	Brain_Cortex	5.65605678	0.00055865				
	0.278015925	-1.243013815	-0.691932568	-0.961887527	0.165913955				
	3	0	0.998207054						
RADIL	ENSG00000157927.16	0.711945584	8	4	0.18886323	Brain_Cerebellum			
	0.987153869	Brain_Hypothalamus	5.585400872	3.91E-17	0.407329016				
	0.016100933	1.313949409	0.333687076	0.515486467	4	0			
	0.998207054								
GABRB2	ENSG00000145864.12	0.712006127	1	1	0.712006127				
	Brain_Anterior_cingulate_cortex_BA24	0.712006127							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.369163142				
	-0.369163142	-0.369163142	NA	1	0	0.998207054			
QPCTL	ENSG00000011478.11	0.712017616	3	3	0.315505276				
	Brain_Frontal_Cortex_BA9	0.765267001	Brain_Putamen_basal_ganglia						
	1.141585857	0.85820123	0.85820123	-1.003737252	0.383244552				
	-0.107307061	0.777484852	3	0	0.998207054				
GRPEL2	ENSG00000164284.14	0.71208691	1	1	0.71208691				
	Brain_Frontal_Cortex_BA9	0.71208691	Brain_Frontal_Cortex_BA9	1	1	1			
	0.369054759	0.369054759	0.369054759	NA	1	0	0.998207054		
PEX11A	ENSG00000166821.8	0.712198117	3	3	0.285092759				
	Brain_Substantia_nigra	0.693663145	Brain_Cortex	1.58376428					
	0.488082473	0.488082473	0.393888793	1.068948761	0.677516557				
	0.350203994	3	0	0.998207054					
NUTM2E	ENSG00000228570.7	0.712210622	11	10	0.139883226				
	Brain_Cerebellar_Hemisphere	0.968430656	Brain_Nucleus_accumbens_basal_ganglia						
	3.745768378	0.078104475	0.235755308	-0.477254175	1.476226022				
	0.720237726	0.639271429	10	0	0.998207054				
GHDC	ENSG00000167925.15	0.71224496	3	3	0.400085267				
	Brain_Nucleus_accumbens_basal_ganglia	0.828460194	Brain_Hippocampus						
	1.280936866	0.74136232	0.74136232	-0.84146896	0.558480233				
	-0.02210396	0.729881251	3	0	0.998207054				
ZSCAN1	ENSG00000152467.9	0.712273369	2	2	0.802246405				
	Brain_Cerebellar_Hemisphere	0.813669541	Brain_Cerebellum	1.825852385					
	0.174147615	0.174147615	-0.235694754	0.250440899	0.007373072				

	0.343749816	2	0	0.998207054					
CYP4F11	ENSG00000171903.16			0.712381746	7	6	0.234223328		
	Brain_Caudate_basal_ganglia			0.920770598			Brain_Substantia_nigra		
	3.635140073	0.096199868		0.206596331			-0.499768658	1.18954995	
	0.243811177	0.646852528		6	0	0.998207054			
REEP1	ENSG00000068615.17			0.71244817	8	6	0.185336569		
	Brain_Nucleus_accumbens_basal_ganglia			0.861729572			Brain_Caudate_basal_ganglia		
	4.411149929	0.038992152		0.199257434			-1.324501429	1.121191831	
	0.217417528	0.722333693		6	0	0.998207054			
KRT5	ENSG00000186081.11			0.712602853	1	1	0.712602853		
	Brain_Caudate_basal_ganglia			0.712602853			Brain_Caudate_basal_ganglia	1	1
	1	0.368362637		0.368362637			0.368362637	NA	1
	0.998207054							0	
TAS2R46	ENSG00000226761.3			0.712706566	2	1	0.690062719		
	Brain_Cerebellar_Hemisphere			0.736471016			Brain_Cerebellum	1.993775897	
	0.006224103	1.993775897		-0.398769952			-0.336530287	-0.36765012	
	0.044010089	1	0	0.998207054					
RABL2B	ENSG00000079974.17			0.712787673	3	3	0.339425618		
	Brain_Substantia_nigra			0.896296269			Brain_Cerebellar_Hemisphere		
	1.093439842	0.92322227		0.92322227			-0.955300771	0.73672392	-0.029411793
	0.857250091	3	0	0.998207054					
RP11-667K14.3	ENSG00000263050.1			0.712879722	1	1	0.712879722		
	Brain_Cerebellum			0.712879722			Brain_Cerebellum	1	1
	0.367991298	0.367991298		NA	1	0	0.998207054		
COPS3	ENSG00000141030.12			0.712985016	1	1	0.712985016		Brain_Cortex
	0.712985016	Brain_Cortex		1	1	1	-0.367850092		-0.367850092
	-0.367850092	NA	1	0	0.998207054				
MAPK8IP3	ENSG00000138834.12			0.713009032	1	1	0.713009032		
	Brain_Cerebellum			0.713009032			Brain_Cerebellum	1	1
	0.367817886	0.367817886		NA	1	0	0.998207054		
ALDH1A2	ENSG00000128918.14			0.713082331	2	2	0.504806527		
	Brain_Nucleus_accumbens_basal_ganglia			0.584272324			Brain_Cerebellum		
	1.102796499	0.897203501		0.897203501			-0.666946156	0.54715489	
	-0.059895633	0.858499083		2	0	0.998207054			
RP11-7F17.3	ENSG00000258819.1			0.713235023	1	1	0.713235023		
	Brain_Cerebellar_Hemisphere			0.713235023			Brain_Cerebellar_Hemisphere	1	1
	1	-0.367514842		-0.367514842			-0.367514842	NA	1
	0.998207054							0	
ZNF99	ENSG00000213973.8			0.713612994	1	1	0.713612994		Brain_Cerebellum
	0.713612994	Brain_Cerebellum		1	1	1	-0.367008076		-0.367008076
	-0.367008076	NA	1	0	0.998207054				
RP5-994D16.3	ENSG00000234917.2			0.713641339	2	2	0.435808558		
	Brain_Caudate_basal_ganglia			0.808319315			Brain_Cerebellum	1.021898521	
	0.978101479	0.978101479		-0.779290587			0.242594793		-0.268347897
	0.722582082	2	0	0.998207054					
AZGP1	ENSG00000160862.12			0.713756624	7	6	0.250839134		
	Brain_Frontal_Cortex_BA9			0.999681059			Brain_Cerebellum	4.606238548	
	0.040743083	0.170801201		-0.412981279			1.148313582		0.529980327
	0.568095446	6	0	0.998207054					
ZNF467	ENSG00000181444.12			0.713772985	11	4	0.109799584		
	Brain_Caudate_basal_ganglia			0.711014888			Brain_Hippocampus	8.827332861	
	0.004501144	0.417610313		-1.5990946			-0.370493407		-1.124839917
	0.317101719	4	0	0.998207054					
CYB5R1	ENSG00000159348.12			0.713774287	2	1	0.637132728		
	Brain_Cerebellar_Hemisphere			0.797009321			Brain_Cerebellum	1.974710812	
	0.025289188	1.974710812		-0.4717115			-0.257219513		-0.364465506
	0.151668738	1	0	0.998207054					
GOLGA6B	ENSG00000215186.6			0.713844052	1	1	0.713844052		
	Brain_Cerebellum			0.713844052			Brain_Cerebellum	1	1
	0.366698331	0.366698331		NA	1	0	0.998207054		
GYPE	ENSG00000197465.13			0.713917006	1	1	0.713917006		
	Brain_Spinal_cord_cervical_c-1			0.713917006			Brain_Spinal_cord_cervical_c-1		

1	1	1	0.36660054	0.36660054	0.36660054	NA	1	0	0.998207054
LY6G5C	ENSG00000204428.12		0.713942708		13	3			0.172556993
	Brain_Amygdala	0.94309968	Brain_Caudate_basal_ganglia	11.30380377					
	0.001203851	0.40359961	-1.364033594	-0.07137453					-0.892468784
	0.366864377	3	0	0.998207054					
CNPY2	ENSG00000257727.5		0.714021159		2	2			0.468094125
	Brain_Nucleus_accumbens_basal_ganglia	0.645368562							Brain_Cerebellum
	1.108588281	0.891411719	0.891411719	-0.460205725					0.725583524
	0.132688899	0.838479618	2	0					0.998207054
ZNF454	ENSG00000178187.7		0.714100952		11	5			0.083952796
	Brain_Putamen_basal_ganglia	0.99316006	Brain_Spinal_cord_cervical_c-1						
	8.231894207	7.37E-05	0.275563056	-0.008572698					1.728197644
	1.158514024	0.536447389	5	0					0.998207054
JUP	ENSG00000173801.16		0.714131373		4	4			0.427444632
	Brain_Cerebellum								
	0.852266462	Brain_Putamen_basal_ganglia	2.798190774	0.107620581					
	0.107620581	-0.79357201	0.743685963	0.146763626					0.666955797
	4	0	0.998207054						
SECISBP2	ENSG00000187742.14		0.714144506		2	2			0.433137909
	Brain_Cerebellum	0.593189293	Brain_Cerebellar_Hemisphere	1.397301174					
	0.602698826	0.602698826	0.534220059	0.783833338					0.659026699
	0.176503242	2	0	0.998207054					
SLC35E2B	ENSG00000189339.11		0.714176583		7	6			0.175491903
	Brain_Amygdala	0.825521426	Brain_Substantia_nigra	2.331784907					
	0.067199682	0.522211649	-1.354766689	1.155870606					0.034722458
	0.877652698	6	0	0.998207054					
ZNF19	ENSG00000157429.15		0.714268943		3	3			0.357592306
	Brain_Nucleus_accumbens_basal_ganglia	0.69123911	Brain_Substantia_nigra						
	1.15317112	0.852081861	0.852081861	0.39717406					0.919962595
	0.595509092	0.283295543	3	0					0.998207054
HPDL	ENSG00000186603.5		0.714412547		1	1			0.714412547
	Brain_Frontal_Cortex_BA9	0.714412547	Brain_Frontal_Cortex_BA9	1					1
	1	0.365936383	0.365936383	0.365936383	NA	1			0
	0.998207054								
TNF	ENSG00000232810.3		0.714500772		1	1			0.714500772
	Brain_Hippocampus	0.714500772	Brain_Hippocampus	1					1
	0.365818155	0.365818155	0.365818155	NA	1	0			0.998207054
TMEM97	ENSG00000109084.13		0.714525211		4	2			0.417360292
	Brain_Nucleus_accumbens_basal_ganglia	0.576740479							
	Brain_Spinal_cord_cervical_c-1	3.671914056		0.008041438					0.23134216
	-0.558152169	0.811009366	0.358836652	0.620042453					2
	0.998207054								0
MCHR2	ENSG00000152034.10		0.714607248		1	1			0.714607248
	Brain_Cortex	1	1	1					Brain_Cortex
	0.714607248	Brain_Cortex	1	1					0.365675476
	0.365675476	NA	1	0					0.365675476
	0.998207054								
PPL	ENSG00000118898.15		0.714648133		3	3			0.2868333
	Brain_Putamen_basal_ganglia	0.761203693	Brain_Cortex	1.496707206					
	0.55466144	0.55466144	-0.303900506	1.065094207					0.397161111
	0.685098354	3	0	0.998207054					
CAPRN2	ENSG00000110888.17		0.714721935		8	6			0.091364904
	Brain_Frontal_Cortex_BA9	0.617144758	Brain_Substantia_nigra						
	5.155454184	0.057176909	0.182410238	-0.499901042					1.688241376
	1.100459035	0.730225278	6	0					0.998207054
RP11-128M1.1	ENSG00000226644.5		0.715339508		4	4			0.430828934
	Brain_Cortex	0.517638712	Brain_Hypothalamus	1.762364917					
	0.441490548	0.441490548	-0.787773961	0.646989542					-0.38750263
	0.690935537	4	0	0.998207054					
ICMT	ENSG00000116237.15		0.715393806		10	2			0.539506582
	Brain_Substantia_nigra	0.89696315	Brain_Hippocampus	8.633761037					
	0.001969015	0.621976638	-0.41397489	0.613559305					0.312442894
	0.295036682	2	0	0.998207054					
TRAF3IP2	ENSG00000056972.18		0.715425936		2	2			0.484396988
	Brain_Cerebellar_Hemisphere	0.518011398	Brain_Hypothalamus	1.356233599					

	0.643766401	0.643766401	0.646413812	0.699248112	0.672830962
	0.037359492	2	0	0.998207054	
CERS3	ENSG00000154227.13	0.715428909	8	4	0.186501847
	Brain_Spinal_cord_cervical_c-1	0.824058074			Brain_Cerebellar_Hemisphere
	5.955596603	0.018718703	0.301582565	-1.320998552	-0.222328621
	-0.891858701	0.359371501	4	0	0.998207054
ZBTB22	ENSG00000236104.2	0.715438313	2	2	0.414471763
	Brain_Frontal_Cortex_BA9	0.946494847			Brain_Nucleus_accumbens_basal_ganglia
	1.156674661	0.843325339	0.843325339	0.067109103	0.816049608
	0.441579356	0.52958091	2	0	0.998207054
SLC12A4	ENSG00000124067.16	0.715621777	2	2	0.550932228
	Brain_Amygdala	0.912988338			Brain_Spinal_cord_cervical_c-1
	0.419002465	0.419002465	-0.596363786	-0.109270003	1.580997535
	0.344427317	2	0	0.998207054	-0.352816894
ANKRD28	ENSG00000206560.11	0.715635376	1	1	0.715635376
	Brain_Cortex	0.715635376			Brain_Cortex
	-0.364298157	-0.364298157	NA	1	0
					0.998207054
GTF3C2	ENSG00000115207.13	0.715640667	1	1	0.715640667
	Brain_Cortex	0.715640667			Brain_Cortex
	0.364291071	0.364291071	NA	1	0
					0.998207054
RP11-356J5.12	ENSG00000250303.3	0.715652734	1	1	0.715652734
	Brain_Anterior_cingulate_cortex_BA24	0.715652734			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.364274909
	-0.364274909	-0.364274909	NA	1	0
					0.998207054
GLI3	ENSG00000106571.12	0.715750222	2	2	0.540483684
	Brain_Frontal_Cortex_BA9	0.565945093			Brain_Hippocampus
	0.947086032	0.947086032	-0.574033558	0.612081731	1.052913968
	0.838710164	2	0	0.998207054	0.019024086
HIST3H3	ENSG00000168148.3	0.715824493	1	1	0.715824493
	Brain_Cerebellum	0.715824493			Brain_Cerebellum
	0.364044884	0.364044884	NA	1	0
					0.998207054
LIPI	ENSG00000188992.11	0.715870556	2	2	0.415671409
	Brain_Cerebellar_Hemisphere	1.321027388			Brain_Cerebellum
	0.737922124	0.678972612	0.813953816	0.574280036	0.678972612
	0.678972612	0.334606257	0.813953816	0.574280036	0.338949909
	2	0	0.998207054		
FEZ2	ENSG00000171055.14	0.715915777	9	7	0.16903573
	Brain_Cerebellar_Hemisphere	0.923145508			Brain_Hypothalamus
	0.01043354	0.254441485	-1.296377599	1.375308797	4.815661453
	0.943815109	7	0	0.998207054	-0.050645843
SRCAP	ENSG00000080603.16	0.715918615	1	1	0.715918615
	Brain_Amygdala	1	1	1	Brain_Amygdala
	0.715918615	Brain_Amygdala	1	1	-0.363918841
	-0.363918841	NA	1	0	-0.363918841
					0.998207054
PRSS42	ENSG00000178055.11	0.716032829	2	2	0.454456173
	Brain_Frontal_Cortex_BA9	0.7527856			Brain_Caudate_basal_ganglia
	0.980706916	0.980706916	-0.314968462	0.748006606	1.019293084
	0.751636879	2	0	0.998207054	0.216519072
ZBTB37	ENSG00000185278.15	0.716102269	1	1	0.716102269
	Brain_Hippocampus	0.716102269			Brain_Hippocampus
	-0.363672918	-0.363672918	-0.363672918	NA	1
					0
					0.998207054
PIP	ENSG00000159763.3	0.716118366	1	1	0.716118366
	Brain_Substantia_nigra	0.716118366			Brain_Substantia_nigra
	1	0.363651365	0.363651365	0.363651365	1
				NA	1
					0
					0.998207054
FAHD2A	ENSG00000115042.9	0.716170782	1	1	0.716170782
	Brain_Anterior_cingulate_cortex_BA24	0.716170782			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.363581181
	0.363581181	0.363581181	NA	1	0
					0.998207054
NDUFV1	ENSG00000167792.11	0.716172999	6	1	0.583597856
	Brain_Cerebellum	0.920129256			Brain_Cerebellar_Hemisphere
	0.013929972	5.775043593	-0.548136971	-0.100270905	5.775043593
	0.195381939	1	0	0.998207054	-0.356523406
PIWIL2	ENSG00000197181.11	0.716259953	10	4	0.080257767

	Brain_Putamen_basal_ganglia	0.534003368		Brain_Cerebellum	8.467902928				
		0.003752294	0.305460457		0.621906474	1.749192404	1.113911856		
		0.320509545	4	0	0.998207054				
SHC2	ENSG00000129946	10	0.716341913	9	3	0.214738193	Brain_Cerebellum		
		0.655234966	Brain_Putamen_basal_ganglia	6.164653721		0.000427788			
		0.350858949	0.446501588	1.240641557		0.845931333	0.267020145		
		3	0	0.998207054					
RP11-863P	13.5	ENSG00000261193	1	0.716417049	1	1	0.716417049		
		Brain_Anterior_cingulate_cortex_BA24		0.716417049					
		Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.363251461			
		-0.363251461	-0.363251461	NA	1	0	0.998207054		
MPP5	ENSG00000072415	8	0.716507761	1	1	0.716507761			
		Brain_Nucleus_accumbens_basal_ganglia		0.716507761					
		Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.363130019			
		0.363130019	0.363130019	NA	1	0	0.998207054		
RBM20	ENSG00000203867	7	0.716581532	6	6	0.234713939			
		Brain_Putamen_basal_ganglia		0.963512026		Brain_Hypothalamus	2.394492335		
		0.313952872	0.313952872	-0.505987388		1.188303296	0.194387437		
		0.701404761	6	0	0.998207054				
TOR1A	ENSG00000136827	11	0.716673942	3	2	0.403992736	Brain_Cortex		
		0.532022886	Brain_Cerebellum	2.830362041		0.030808148	0.138829811		
		0.624921034	0.834511631	0.705252135		0.113037806	2	0	
		0.998207054							
PACRGL	ENSG00000163138	18	0.716715343	12	2	0.305646263			
		Brain_Cortex		0.827740075		Brain_Substantia_nigra	10.38889371		
		0.026384036	0.447515679	0.217600911		1.024400252	0.759219142		
		0.259012395	2	0	0.998207054				
USP6	ENSG00000129204	16	0.716722795	5	5	0.356459626			
		Brain_Caudate_basal_ganglia		0.961815113		Brain_Cortex	1.510284798		
		0.534389778	0.534389778	-0.440271819		0.922132194	0.390744386		
		0.600350805	5	0	0.998207054				
PNMAL1	ENSG00000182013	17	0.716759461	13	2	0.528806576			
		Brain_Spinal_cord_cervical_c-1		0.997067657		Brain_Cerebellum	11.53848709		
		0.000214255	0.685201227	-0.191163249		0.629828838	0.067433848		
		0.212827153	2	0	0.998207054				
LRRC23	ENSG00000010626	14	0.716844211	10	4	0.212922529			
		Brain_Frontal_Cortex_BA9		0.949510169		Brain_Putamen_basal_ganglia			
		7.344686026	0.000538383	0.366118793		0.06332191	1.245569382		
		0.548392068	0.36239784	4	0	0.998207054			
CAV1	ENSG00000105974	11	0.716847785	3	3	0.499354061			
		Brain_Hippocampus		0.62391442		Brain_Cerebellar_Hemisphere	1.525834151		
		0.698599828	0.698599828	-0.67550644		0.490310187	-0.272632939		
		0.661074658	3	0	0.998207054				
WDR1	ENSG00000071127	16	0.717086201	2	2	0.644861407			
		Brain_Frontal_Cortex_BA9		0.66120341		Brain_Cortex	1.392046999		
		0.607953001	0.607953001	-0.460912466		0.438252286	-0.01133009		
		0.635805494	2	0	0.998207054				
GINS1	ENSG00000101003	9	0.717272639	1	1	0.717272639	Brain_Amygdala		
		0.717272639	Brain_Amygdala	1	1	1	0.362106242	0.362106242	
		0.362106242	NA	1	0	0.998207054			
MEST	ENSG00000106484	14	0.717298194	5	4	0.526959089			
		Brain_Cerebellar_Hemisphere		0.86795736		Brain_Cerebellum	3.945912731		
		0.068662832	0.192163446	-0.227335892		0.632654806	0.125320528		
		0.34506134	4	0	0.998207054				
TMEM121	ENSG00000184986	10	0.717394235	1	1	0.717394235			
		Brain_Hippocampus		0.717394235		Brain_Hippocampus	1	1	1
		-0.361943523	-0.361943523	-0.361943523	NA	1	0	0.998207054	
SLFN1	ENSG00000171790	15	0.717406055	2	1	0.591929465			
		Brain_Cerebellar_Hemisphere		0.855990391		Brain_Cerebellum	1.965158419		
		0.034841581	1.965158419	-0.536042085		-0.181480559	-0.358761322		
		0.25071286	1	0	0.998207054				
RP11-80H	18.4	ENSG00000273493	1	0.717408447	3	3	0.435210116		

	Brain_Cerebellar_Hemisphere	0.972288288			Brain_Putamen_basal_ganglia		
	1.716711906	0.25903371	0.25903371	-0.780307132	0.145505704		
	-0.200020987	0.505585158	3	0	0.998207054		
TNFRSF19	ENSG00000127863.15	0.717414548			2	2	0.4550517
	Brain_Nucleus_accumbens_basal_ganglia	0.799273944					Brain_Cerebellum
	1.093845124	0.906154876	0.906154876	-0.747019649			0.254286868
	-0.24636639	0.708030628	2	0	0.998207054		
UBXN8	ENSG00000104691.14	0.717443061	3	3	0.318096987		Brain_Cortex
	0.820456161	Brain_Cerebellum	1.328126398		0.656690873		0.656690873
	-0.998376165	0.226958309	-0.433038552	0.618127352	3	0	
	0.998207054						
SLC6A12	ENSG00000111181.12	0.717468863	2	2	0.527788537		
	Brain_Cerebellar_Hemisphere	0.623539543			Brain_Hypothalamus		1.037952086
	0.962047914	0.962047914	-0.490840104	0.631385435			0.070272666
	0.793533289	2	0	0.998207054			
ARSI	ENSG00000183876.8	0.717489764	6	6	0.206555308		
	Brain_Spinal_cord_cervical_c-1	0.879159622			Brain_Substantia_nigra		
	1.591680583	0.531293158	0.531293158	-1.263094257	0.583684003		
	-0.511015183	0.714493259	6	0	0.998207054		
RAB3IP	ENSG00000127328.21	0.717628066	5	3	0.295026162		
	Brain_Cortex	0.746324484	Brain_Spinal_cord_cervical_c-1	3.161500409			
	0.050363904	0.65064076	-0.54142146	1.047159195	0.459789094		
	0.615911491	3	0	0.998207054			
LINC00368	ENSG00000225870.1	0.71763445	1	1	0.71763445		Brain_Amygdala
	0.71763445	Brain_Amygdala	1	1	1	-0.361622097	-0.361622097
	-0.361622097	NA	1	0	0.998207054		
RP11-60A8.1	ENSG00000249743.5	0.718065072	4	4	0.268863408		
	Brain_Anterior_cingulate_cortex_BA24	0.982541214			Brain_Frontal_Cortex_BA9		
	1.215653338	0.826093964	0.826093964	-0.631030455	1.105683791		
	-0.022815984	0.798979738	4	0	0.998207054		
RP11-709A23.1	ENSG00000248100.2	0.718116156	2	2	0.420396588		
	Brain_Hippocampus	0.809955077	Brain_Amygdala	1.158524241			
	0.841475759	0.841475759	0.240483985	0.805733397	0.523108691		
	0.399691692	2	0	0.998207054			
SERF1A	ENSG00000172058.15	0.718161419	13	1	0.657368768		
	Brain_Nucleus_accumbens_basal_ganglia	0.865522536			Brain_Hippocampus		
	12.865165	4.12E-19	12.865165	-0.443548885	-0.169348491	-0.358548986	
	0.090949786	1	0	0.998207054			
NBPF1	ENSG00000219481.10	0.718239624	13	11	0.070146839		Brain_Cortex
	0.980952135	Brain_Cerebellum	4.40602785	0.119642297	0.421974591		
	-1.810961321	0.820483945	-0.237953151	0.785278094	11	0	
	0.998207054						
KDSR	ENSG00000119537.15	0.718242743	4	4	0.156608405		
	Brain_Cerebellar_Hemisphere	0.878256186			Brain_Caudate_basal_ganglia		
	1.620991472	0.382070167	0.382070167	-1.416570957	-0.153180182		
	-0.638080439	0.591015555	4	0	0.998207054		
TSC22D4	ENSG00000166925.8	0.718305814	1	1	0.718305814		
	Brain_Putamen_basal_ganglia	0.718305814	Brain_Putamen_basal_ganglia	1	1		
	1	-0.360723957	-0.360723957	-0.360723957	NA	1	0
	0.998207054						
DRAM1	ENSG00000136048.13	0.718413604	6	4	0.136928139		Brain_Cerebellum
	0.705288049	Brain_Spinal_cord_cervical_c-1	4.012805319		0.022103584		
	0.454249213	-1.487328242	-0.378191891	-1.038074236	0.39093825	4	
	0	0.998207054					
UPB1	ENSG00000100024.14	0.718459203	9	5	0.284159561		Brain_Amygdala
	0.852859297	Brain_Cortex	5.820968409	0.000178595	0.247447133		
	-1.071021947	0.946862363	0.328614512	0.70344207	5	0	
	0.998207054						
NUAK1	ENSG00000074590.13	0.718637705	3	3	0.286920865		
	Brain_Anterior_cingulate_cortex_BA24	0.942973355			Brain_Cerebellum		
	1.849634298	0.1562495	0.1562495	-0.071533259	1.064900708		
	0.388280306	0.598434996	3	0	0.998207054		

CCDC125	ENSG00000183323.12	0.718658549	7	5	0.296090172	
	Brain_Cerebellar_Hemisphere	0.771372383				Brain_Anterior_cingulate_cortex_BA24
	3.775432929	0.042353704	0.176778552		-0.894935141	1.044854607
	-0.094988917	0.806318983	5	0	0.998207054	
PYROXD2	ENSG00000119943.12	0.71871459	12	2	0.273866781	Brain_Cerebellum
	0.883900017	Brain_Nucleus_accumbens_basal_ganglia	10.84325402			
	0.004721605	0.428854468	-0.207291403		1.094201118	0.309078884
	0.311882533	2	0	0.998207054		
CD82	ENSG00000085117.11	0.718727343	8	8	0.131922464	
	Brain_Putamen_basal_ganglia	0.919202241				Brain_Caudate_basal_ganglia
	1.839899181	0.399176052	0.399176052		-0.506389695	1.506563947
	0.486532901	0.692590963	8	0	0.998207054	
AP000688.29	ENSG00000233393.1	0.718828088	12	7	0.068624532	
	Brain_Putamen_basal_ganglia	0.887507027				Brain_Substantia_nigra
	6.830497272	0.05398068	0.277488774		-1.820883738	0.141459405
	-0.87632929	0.513721127	7	0	0.998207054	
ORC3	ENSG00000135336.14	0.718838235	2	2	0.531752725	
	Brain_Cerebellar_Hemisphere	0.628396476				Brain_Cerebellum
	0.945492251	0.945492251	-0.483985054		0.625332695	0.070673821
	0.784406103	2	0	0.998207054		
LINC01508	ENSG00000231107.1	0.71884162	5	4	0.528381949	Brain_Cortex
	0.897261436	Brain_Frontal_Cortex_BA9	2.898672112		0.040110971	
	0.16336869	-0.173305012	0.630477914		0.238038857	0.305175559
	0	0.998207054				4
KIAA1191	ENSG00000122203.14	0.718847063	2	2	0.458839242	
	Brain_Putamen_basal_ganglia	0.799705136				Brain_Nucleus_accumbens_basal_ganglia
	1.105702018	0.894297982	0.894297982		-0.740759555	0.253728731
	-0.243515412	0.703209411	2	0	0.998207054	
LINC01268	ENSG00000227502.2	0.71895147	1	1	0.71895147	
	Brain_Nucleus_accumbens_basal_ganglia	0.71895147				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.359860483	
	-0.359860483	-0.359860483	NA	1	0	0.998207054
ANO5	ENSG00000171714.10	0.719053858	10	7	0.212827863	
	Brain_Spinal_cord_cervical_c-1	0.932388546				Brain_Amygdala
	0.009357213	0.284355966	-1.19728887		1.245827142	5.307531012
	0.789862257	7	0	0.998207054		0.292733192
GALNT9	ENSG00000182870.12	0.719161412	3	3	0.36369337	
	Brain_Cerebellar_Hemisphere	0.863348415				Brain_Cerebellum
	0.838789602	0.838789602	-0.616160369		0.908349931	1.161607918
	0.7840823	3	0	0.998207054		0.040025403
PCSK9	ENSG00000169174.10	0.719167523	2	2	0.470003529	
	Brain_Cerebellar_Hemisphere	0.953579546				Brain_Cerebellum
	0.60853445	-0.058212271	0.72247331	0.33213052	0.552028069	1.39146555
	0.998207054					0.60853445
						2
						0
ZNF525	ENSG00000203326.11	0.719174075	6	6	0.08215918	
	Brain_Caudate_basal_ganglia	0.995532788				Brain_Frontal_Cortex_BA9
	1.897000476	0.381263176	0.381263176		0.005598849	1.738293107
	0.667374402	0.631648742	6	0	0.998207054	
RP11-85A1.3	ENSG00000260475.1	0.719293343	5	5	0.407456738	
	Brain_Substantia_nigra	0.925801565				Brain_Caudate_basal_ganglia
	2.910762804	0.171458971	0.171458971		-0.801918607	0.828377513
	-0.1170275	0.620668607	5	0	0.998207054	
C9orf16	ENSG00000171159.4	0.719294191	2	2	0.54823369	
	Brain_Nucleus_accumbens_basal_ganglia	0.584189693				Brain_Amygdala
	0.99842806	0.99842806	0.547275179	0.600409002	0.57384209	1.00157194
	2	0	0.998207054			0.037571286
MFSD4B	ENSG00000173214.5	0.719347929	4	3	0.531703381	
	Brain_Nucleus_accumbens_basal_ganglia	0.950490858				Brain_Cerebellar_Hemisphere
	3.18485319	0.029434261	0.231471693		-0.389901049	0.625407895
	-0.030084123	0.458142504	3	0	0.998207054	
CBLN1	ENSG00000102924.11	0.719591047	2	2	0.455842202	Brain_Cerebellum
	0.759799324	Brain_Substantia_nigra	1.018331924		0.981668076	

	0.981668076	-0.745710688	-0.305744323	-0.525727505	0.3111032	2
	0	0.998207054				
TET1	ENSG00000138336.8	0.719606832	1	1	0.719606832	
	Brain_Cerebellar_Hemisphere	0.719606832		Brain_Cerebellar_Hemisphere	1	1
	1	0.358984304	0.358984304	0.358984304	NA	1
	0.998207054				0	
EXPH5	ENSG00000110723.11	0.719607876	2	2	0.417234812	
	Brain_Frontal_Cortex_BA9	0.677029601		Brain_Anterior_cingulate_cortex_BA24		
	1.516232245	0.483767755	0.483767755	-0.811227889	-0.41651991	
	-0.6138739	0.279100689	2	0	0.998207054	
SCARB2	ENSG00000138760.9	0.719665776	3	3	0.295748886	
	Brain_Cerebellum	0.797357442		Brain_Putamen_basal_ganglia	1.779910084	
	0.234166274	0.234166274	-1.045593208	0.516847096	-0.090659184	
	0.837158559	3	0	0.998207054		
EGFLAM	ENSG00000164318.17	0.7196739	1	1	0.7196739	
	Brain_Cerebellar_Hemisphere	0.7196739		Brain_Cerebellar_Hemisphere	1	1
	0.358894653	0.358894653	0.358894653	NA	1	0
					0.998207054	
KLHL5	ENSG00000109790.16	0.719820857	2	2	0.428856736	
	Brain_Cerebellar_Hemisphere	0.830351297		Brain_Spinal_cord_cervical_c-1		
	1.046403001	0.953596999	0.953596999	-0.214251038	0.791149535	
	0.288449248	0.710925563	2	0	0.998207054	
RNF19B	ENSG00000116514.16	0.719917889	1	1	0.719917889	
	Brain_Spinal_cord_cervical_c-1	0.719917889		Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.358568534	0.358568534	0.358568534
					NA	1
	0.998207054				0	
CHRN1	ENSG00000170175.10	0.719957605	11	4	0.338655163	
	Brain_Hypothalamus	0.981823382		Brain_Nucleus_accumbens_basal_ganglia		
	8.209746942	0.001669587	0.360613239	-0.390239454	0.956825849	
	0.28670881	0.414522374	4	0	0.998207054	
MYO1C	ENSG00000197879.14	0.720175953	1	1	0.720175953	Brain_Cerebellum
	0.720175953	Brain_Cerebellum	1	1	0.358223646	0.358223646
	0.358223646	NA	1	0	0.998207054	
CALCB	ENSG00000175868.13	0.720189037	2	1	0.663307621	Brain_Cerebellum
	0.787408224	Brain_Cerebellar_Hemisphere	1.936946254	0.063053746		
	1.936946254	0.269677692	0.43535107	0.352514381	0.117148769	1
	0	0.998207054				
SOX1	ENSG00000182968.4	0.720224736	1	1	0.720224736	Brain_Cortex
	0.720224736	Brain_Cortex	1	1	1	-0.358158455
	-0.358158455	NA	1	0	0.998207054	-0.358158455
TMEM14A	ENSG00000096092.5	0.720357992	1	1	0.720357992	
	Brain_Frontal_Cortex_BA9	0.720357992		Brain_Frontal_Cortex_BA9	1	1
	1	0.357980386	0.357980386	0.357980386	NA	1
	0.998207054				0	
ZNF676	ENSG00000196109.6	0.720417339	1	1	0.720417339	
	Brain_Amygdala	0.720417339		Brain_Amygdala	1	1
	0.357901085	0.357901085	NA	1	0	0.357901085
					0.998207054	
RP11-536O18.1	ENSG00000226197.2	0.720461681	1	1	0.720461681	
	Brain_Spinal_cord_cervical_c-1	0.720461681		Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.357841836	-0.357841836	-0.357841836
					NA	1
	0.998207054				0	
RUVBL1	ENSG00000175792.11	0.720494585	1	1	0.720494585	
	Brain_Hippocampus	0.720494585		Brain_Hippocampus	1	1
	-0.35779787	-0.35779787	-0.35779787	NA	1	0
					0.998207054	
LINC00880	ENSG00000243629.1	0.720525587	3	3	0.471438897	
	Brain_Cerebellar_Hemisphere	0.975662443		Brain_Substantia_nigra	1.84650582	
	0.409387149	0.409387149	-0.338957624	0.720139846	0.116891629	
	0.544717086	3	0	0.998207054		
MROH1	ENSG00000179832.17	0.720658887	2	2	0.433051828	Brain_Cerebellum
	0.599919785	Brain_Cerebellar_Hemisphere	1.817119389	0.182880611		
	0.182880611	0.52451587	0.783980031	0.65424795	0.183468868	2
	0.998207054					0
EMC8	ENSG00000131148.8	0.72067029	1	1	0.72067029	

	Brain_Anterior_cingulate_cortex_BA24	0.72067029							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.357563109				
	-0.357563109	-0.357563109	NA	1	0	0.998207054			
FAM228B	ENSG00000219626.8	0.720692342			12	1	0.495777985		
	Brain_Caudate_basal_ganglia	0.797786832						Brain_Hypothalamus	10.96347679
	9.25E-05	10.96347679	-0.485336142		0.681147783			0.335454134	
	0.355981495	1	0		0.998207054				
CTD-2526A2.2	ENSG00000260369.2	0.720756752			1	1	0.720756752		
	Brain_Caudate_basal_ganglia	0.720756752						Brain_Caudate_basal_ganglia	1
	1	-0.357447594	-0.357447594	-0.357447594	NA	1	0		
	0.998207054								
GNG13	ENSG00000127588.4	0.720806992			1	1	0.720806992		
	Brain_Putamen_basal_ganglia	0.720806992						Brain_Putamen_basal_ganglia	1
	1	-0.357380474	-0.357380474	-0.357380474	NA	1	0		
	0.998207054								
GNAI1	ENSG00000127955.15	0.720829502			1	1	0.720829502		Brain_Cerebellum
	0.720829502	Brain_Cerebellum	1	1	1	0.357350402		0.357350402	
	0.357350402	NA	1	0	0.998207054				
CASP10	ENSG00000003400.14	0.720926316			1	1	0.720926316		
	Brain_Anterior_cingulate_cortex_BA24	0.720926316							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.357221067				
	0.357221067	0.357221067	NA	1	0	0.998207054			
RNF151	ENSG00000179580.9	0.720962998			1	1	0.720962998		
	Brain_Cerebellum	0.720962998			Brain_Cerebellum	1	1		
	-0.357172064	-0.357172064	NA	1	0	0.998207054			
SMC2	ENSG00000136824.18	0.720963825			13	1	0.592335111		
	Brain_Hippocampus	0.859595063						Brain_Hypothalamus	12.76962605
	0.000263187	12.76962605	-0.535455226		-0.176889657			-0.354305928	
	0.121784114	1	0		0.998207054				
RP11-631N16.2	ENSG00000257354.2	0.721022202			6	6	0.098852839		
	Brain_Cortex	0.969475523			Brain_Frontal_Cortex_BA9	1.518719461			
	0.688500554	0.688500554	-1.650440669		0.721324222			0.034731312	
	0.864566328	6	0		0.998207054				
ARL5B	ENSG00000165997.4	0.721037631			3	3	0.289073254		Brain_Cerebellum
	0.953509302	Brain_Cerebellar_Hemisphere	1.088851658		0.847755102			0.847755102	
	0.847755102	-0.058300459	1.060156837		0.450046116			0.566130406	
	3	0	0.998207054						
H1FNT	ENSG00000187166.1	0.721143114			8	3	0.467171567		
	Brain_Substantia_nigra	0.755024543			Brain_Cortex	6.486917192			
	0.000312416	0.352101711	-0.727088787		-0.312021028			-0.457200927	
	0.157606491	3	0		0.998207054				
HLA-DOB	ENSG00000241106.6	0.721313257			13	3	0.422972712		
	Brain_Spinal_cord_cervical_c-1	0.961352402			Brain_Caudate_basal_ganglia				
	10.71384893	0.012302971	0.525302163		-0.801274566			0.564483692	
	-0.019877923	0.411071806	3	0	0.998207054				
E2F3	ENSG00000112242.14	0.721421188			1	1	0.721421188		
	Brain_Spinal_cord_cervical_c-1	0.721421188						Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.356560051	0.356560051	0.356560051	NA	1	0
	0.998207054								
IFT22	ENSG00000128581.15	0.72147841			1	1	0.72147841		Brain_Cerebellum
	Brain_Cerebellum	1	1	1	-0.356483629			-0.356483629	
	NA	1	0		0.998207054				
GIMAP7	ENSG00000179144.4	0.721479285			1	1	0.721479285		
	Brain_Anterior_cingulate_cortex_BA24	0.721479285							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.356482461				
	0.356482461	0.356482461	NA	1	0	0.998207054			
RP11-118G23.3	ENSG00000283417.1	0.721483761			1	1	0.721483761		
	Brain_Frontal_Cortex_BA9	0.721483761			Brain_Frontal_Cortex_BA9	1	1		
	1	0.356476483	0.356476483	0.356476483	NA	1	0		
	0.998207054								
KRI1	ENSG00000129347.19	0.721494262			13	5	0.269758854		
	Brain_Putamen_basal_ganglia	0.727183408			Brain_Cortex	9.92134749			

	0.007276023	0.404604376	-1.103618058	0.589354262	-0.563958283				
	0.412464065	5	0	0.998207054					
SLC25A27	ENSG00000153291.15	0.721554479	13	5	0.111497145				
	Brain_Amygdala	0.904484701	Brain_Spinal_cord_cervical_c-1	9.642984065					
	0.006913627	0.326361326	0.11999804	1.59149978	0.528504745				
	0.370109941	5	0	0.998207054					
PLEKHM1	ENSG00000225190.10	0.721593377	10	3	0.311850378				
	Brain_Putamen_basal_ganglia	0.953697732	Brain_Cerebellar_Hemisphere						
	8.273296895	0.001704117	0.409797403	-1.011347	0.243265401				
	-0.565014747	0.379164523	3	0	0.998207054				
POLD3	ENSG00000077514.8	0.721705367	3	3	0.343927803				
	Brain_Frontal_Cortex_BA9	0.885392042	Brain_Caudate_basal_ganglia						
	1.247961112	0.747830883	0.747830883	-0.658636641	0.946432955				
	0.047886334	0.819583377	3	0	0.998207054				
PRSS45	ENSG00000188086.13	0.721761002	13	2	0.220206271				
	Brain_Hippocampus	0.853152901	Brain_Caudate_basal_ganglia	11.52041386					
	0.001019732	0.666371898	-1.225979815	-0.185097069	-0.702117379				
	0.298419007	2	0	0.998207054					
CFC1B	ENSG00000152093.7	0.721809649	1	1	0.721809649				
	Brain_Hypothalamus	0.721809649	Brain_Hypothalamus	1	1	1			
	0.356041282	0.356041282	0.356041282	NA	1	0	0.998207054		
ATAD3B	ENSG00000160072.19	0.721847412	10	2	0.448716359				
	Brain_Cortex	0.873523547	Brain_Cerebellar_Hemisphere	8.636879393					
	0.000992267	0.54546812	-0.210046701	0.757556786	0.372820838				
	0.273355344	2	0	0.998207054					
RP11-428J1.4	ENSG00000271978.1	0.721869622	3	3	0.295527993				
	Brain_Cortex	0.859737106	Brain_Cerebellar_Hemisphere	1.103420453					
	0.884128166	0.884128166	0.176708828	1.046071565	0.554382187				
	0.445755125	3	0	0.998207054					
RP11-61J19.5	ENSG00000260805.2	0.721937767	1	1	0.721937767				
	Brain_Nucleus_accumbens_basal_ganglia	0.721937767							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.355870209				
	-0.355870209	-0.355870209	NA	1	0	0.998207054			
ZNF689	ENSG00000156853.12	0.722084949	1	1	0.722084949				
	Brain_Nucleus_accumbens_basal_ganglia	0.722084949							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.355673693				
	-0.355673693	-0.355673693	NA	1	0	0.998207054			
RPL35A	ENSG00000182899.14	0.722090625	1	1	0.722090625				
	Brain_Frontal_Cortex_BA9	0.722090625	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.355666114	-0.355666114	-0.355666114	NA	1	0		
	0.998207054								
MMACHC	ENSG00000132763.14	0.722097411	4	3	0.331135669				
	Brain_Cerebellar_Hemisphere	0.870511319	Brain_Hypothalamus	1.760151908					
	0.024792003	0.667154428	-0.926495243	0.971828913	0.113756556				
	0.782838289	3	0	0.998207054					
LINC01388	ENSG00000231808.2	0.722123559	2	2	0.488164306				
	Brain_Substantia_nigra	0.66922185	Brain_Spinal_cord_cervical_c-1	1.02067082					
	0.97932918	0.97932918	-0.693231463	0.427216217	-0.133007623				
	0.792276153	2	0	0.998207054					
RP11-377D9.3	ENSG00000255621.1	0.722230778	12	4	0.224195378				
	Brain_Spinal_cord_cervical_c-1	0.998102365	Brain_Cerebellar_Hemisphere						
	9.296634603	0.005174071	0.447710014	-0.613909411	1.215447718				
	0.139235979	0.448175851	4	0	0.998207054				
LDB2	ENSG00000169744.12	0.722337902	1	1	0.722337902				
	Brain_Spinal_cord_cervical_c-1	0.722337902	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.355335982	0.355335982	0.355335982	NA	1	0
	0.998207054								
DHX58	ENSG00000108771.12	0.72246746	3	3	0.394784602	Brain_Cerebellum			
	0.96914728	Brain_Spinal_cord_cervical_c-1	2.423193361	0.119559053					
	0.119559053	-0.038677792	0.850972548	0.474255133	0.460201511				
	3	0	0.998207054						
LIN7A	ENSG00000111052.7	0.722570505	3	3	0.366338802				

	Brain_Cerebellar_Hemisphere	0.993776967		Brain_Cerebellum	1.85311801			
	0.408968474	0.408968474	-0.007799495	0.903352574	0.302468217			
	0.520473869	3	0	0.998207054				
AKAP6	ENSG00000151320.10	0.722632256	1	1	0.722632256	Brain_Cerebellum		
	0.722632256	Brain_Cerebellum	1	1	0.35494305	0.35494305	0.35494305	
	NA	1	0	0.998207054				
HECTD1	ENSG00000092148.12	0.722651924	1	1	0.722651924			
	Brain_Putamen_basal_ganglia	0.722651924		Brain_Putamen_basal_ganglia	1	1		
	1	-0.354916798	-0.354916798	-0.354916798	NA	1	0	
	0.998207054							
LINC02094	ENSG00000227078.1	0.722696768	4	4	0.163988813			
	Brain_Cerebellum	0.917566975		Brain_Cerebellar_Hemisphere	1.240895572			
	0.717315849	0.717315849	-0.217526019	1.391780711	0.286333207			
	0.749371204	4	0	0.998207054				
SLC39A11	ENSG00000133195.11	0.722771869	3	3	0.277688248			
	Brain_Cerebellum	0.893140923		Brain_Amygdala	1.348907524	0.633164862		
	0.633164862	-1.085527145	0.134330896	-0.539833692	0.619993576			
	3	0	0.998207054					
ZNF565	ENSG00000196357.11	0.722773975	7	2	0.418588709			
	Brain_Nucleus_accumbens_basal_ganglia	0.913392729		Brain_Cerebellum				
	5.797964862	0.000343651	0.853095152	0.108760154	0.808872117			
	0.668682592	0.251227006	2	0	0.998207054			
10-Mar	ENSG00000173838.11	0.722855542	2	2	0.420574894			
	Brain_Anterior_cingulate_cortex_BA24	0.97548032		Brain_Cortex	1.06242798			
	0.93757202	0.93757202	0.0307357	0.805424264	0.418079982	0.547787537		
	2	0	0.998207054					
URB2	ENSG00000135763.9	0.722962676	2	2	0.467175418			
	Brain_Caudate_basal_ganglia	0.735350227		Brain_Hypothalamus	1.01180069			
	0.98819931	0.98819931	0.338017199	0.727082501	0.53254985	0.275110713		
	2	0	0.998207054					
UFL1	ENSG00000014123.9	0.722979934	3	3	0.424476647	Brain_Cerebellum		
	0.966302973	Brain_Anterior_cingulate_cortex_BA24	2.168272013					
	0.228221809	0.228221809	0.042245522	0.798678862	0.323816097			
	0.413605189	3	0	0.998207054				
CTD-2619J13.17	ENSG00000268912.1	0.723008267	6	4	0.184936546			
	Brain_Hippocampus	0.64066433		Brain_Cerebellum	4.76179471	0.038657364		
	0.254207937	-1.325707669	-0.466770157	-0.929606134	0.295994279			
	4	0	0.998207054					
CCDC186	ENSG00000165813.18	0.723220668	1	1	0.723220668			
	Brain_Hippocampus	0.723220668		Brain_Hippocampus	1	1	1	
	-0.354157746	-0.354157746	-0.354157746	NA	1	0	0.998207054	
CHN1	ENSG00000128656.13	0.723353228	3	2	0.435340804			
	Brain_Substantia_nigra	0.903969309		Brain_Cerebellum	1.98022285			
	0.035350479	0.984426672	-0.780085069	0.133624475	-0.175270638			
	0.523824842	2	0	0.998207054				
METTL8	ENSG00000123600.19	0.723384705	2	2	0.437386708			
	Brain_Putamen_basal_ganglia	0.984320888		Brain_Amygdala	1.285616292			
	0.714383708	0.714383708	-0.019652117	0.776613713	0.378480798			
	0.563044968	2	0	0.998207054				
ZNF318	ENSG00000171467.15	0.723428453	2	2	0.441782055			
	Brain_Hippocampus	0.786829306		Brain_Putamen_basal_ganglia	1.04462206			
	0.95537794	0.95537794	-0.769187425	-0.270430204	-0.519808815			
	0.352674613	2	0	0.998207054				
DAGLA	ENSG00000134780.9	0.723531575	2	2	0.772160242	Brain_Cerebellum		
	0.987877546	Brain_Cerebellar_Hemisphere	1.926022177	0.073977823				
	0.073977823	-0.289550367	0.015193828	-0.137178269	0.215486687			
	2	0	0.998207054					
RP11-166P13.3	ENSG00000263004.1	0.72354379	6	4	0.401955533			
	Brain_Anterior_cingulate_cortex_BA24	0.985076512		Brain_Putamen_basal_ganglia				
	3.926679761	1.41E-05	0.184903461	-0.493692909	0.838133851			
	-0.059187759	0.522891602	4	0	0.998207054			
FAM87B	ENSG00000177757.2	0.723589947	2	2	0.422833783			

	Brain_Cerebellar_Hemisphere	0.951238065		Brain_Cerebellum	1.008642707			
	0.991357293	0.991357293	-0.061152115	0.801514622		0.370181253		
	0.6099975	2	0	0.998207054				
WBSCR22	ENSG00000071462.11	0.723609951	7	2	0.205702505			
	Brain_Cortex	0.787409642		Brain_Putamen_basal_ganglia	5.241040663			
	0.014353062	1.350831857	0.269675849	1.265471093		0.631967891		
	0.405175962	2	0	0.998207054				
CLEC3A	ENSG00000166509.10	0.723680466	2	1	0.675784264			
	Brain_Nucleus_accumbens_basal_ganglia	0.773840968		Brain_Caudate_basal_ganglia				
	1.991459533	0.008540467	1.991459533	0.287354406		0.418222749		
	0.352788578	0.092537893	1	0	0.998207054			
RP11-94I2.4	ENSG00000274372.4	0.723731645	1	1	0.723731645			
	Brain_Putamen_basal_ganglia	0.723731645		Brain_Putamen_basal_ganglia	1	1		
	1	0.353475964	0.353475964	0.353475964	NA	1	0	
	0.998207054							
TBC1D17	ENSG00000104946.12	0.72379222	3	3	0.314093261			
	Brain_Nucleus_accumbens_basal_ganglia	0.709713998						
	Brain_Anterior_cingulate_cortex_BA24	1.888600003		0.111027943				
	0.111027943	-0.372240227	1.006670254	0.451969719		0.727890802		
	3	0	0.998207054					
RP11-849H4.2	ENSG00000254469.7	0.723873156	1	1	0.723873156			
	Brain_Cerebellar_Hemisphere	0.723873156		Brain_Cerebellar_Hemisphere	1	1		
	1	-0.353287179	-0.353287179	-0.353287179	NA	1	0	
	0.998207054							
POU5F1	ENSG00000204531.17	0.724010118	12	9	0.282051821			
	Brain_Hypothalamus	0.904674416		Brain_Cerebellum	6.66984715	0.024643168		
	0.228887783	-1.075721518	0.958970805	0.104796035		0.637125027		
	9	0	0.998207054					
RP11-66B24.2	ENSG00000232386.9	0.724018686	1	1	0.724018686			
	Brain_Cerebellum	0.724018686		Brain_Cerebellum	1	1	1	
	0.353093047	0.353093047	NA	1	0	0.998207054		
PCK2	ENSG00000100889.11	0.724022606	3	3	0.295916502			
	Brain_Frontal_Cortex_BA9	0.846463215		Brain_Hypothalamus	1.126365879			
	0.845329136	0.845329136	0.193633054	1.045230388		0.598575552		
	0.427328263	3	0	0.998207054				
RBM15B	ENSG00000259956.1	0.724265691	1	1	0.724265691			
	Brain_Hypothalamus	0.724265691		Brain_Hypothalamus	1	1	1	
	-0.352763578	-0.352763578	-0.352763578	NA	1	0	0.998207054	
HPN	ENSG00000105707.13	0.724319007	2	2	0.423949018			
	Brain_Hypothalamus	0.930892153		Brain_Putamen_basal_ganglia	1.014010844			
	0.985989156	0.985989156	-0.086722423	0.799588904		0.356433241		
	0.62671675	2	0	0.998207054				
RRP15	ENSG00000067533.5	0.724728155	13	9	0.118049728			
	Brain_Putamen_basal_ganglia	0.789141477		Brain_Hypothalamus	6.763045379			
	0.000679086	0.313723114	-0.538958176	1.56301219		0.452789605		
	0.585633968	9	0	0.998207054				
CDADC1	ENSG00000102543.14	0.72474154	5	2	0.292193513			
	Brain_Frontal_Cortex_BA9	0.80199043		Brain_Cortex	3.783223313			
	0.022526556	0.995039183	-0.278505454	1.053321838		0.550017336		
	0.554868523	2	0	0.998207054				
C19orf24	ENSG00000228300.13	0.724825807	4	4	0.170678565			
	Brain_Cerebellum	0.798762403		Brain_Hypothalamus	2.220366772			
	0.106842262	0.106842262	-1.370026708	-0.254949112		-0.881959883		
	0.472408964	4	0	0.998207054				
FAM174A	ENSG00000174132.8	0.724902178	1	1	0.724902178			
	Brain_Cortex	0.724902178		Brain_Cortex	1	1	1	
	-0.351914775	-0.351914775	NA	1	0	0.998207054		
CTD-2587H19.3	ENSG00000269873.1	0.725177158	5	5	0.234989177			
	Brain_Putamen_basal_ganglia	0.881981706		Brain_Cerebellum	2.803776922			
	0.147682311	0.147682311	0.148457523	1.187604721		0.67747316		
	0.384448142	5	0	0.998207054				
LINC00863	ENSG00000224914.3	0.725357068	3	3	0.256326861			

	Brain_Cerebellum	0.90927909	Brain_Cortex	1.40065798	0.539127	0.539127			
		-0.113947905	1.13511566	0.442730891	0.635493533	3	0		
		0.998207054							
GP6	ENSG00000088053	11	0.725388533	7	6	0.160808686			
	Brain_Cerebellar_Hemisphere	0.957311766				Brain_Frontal_Cortex_BA9			
		2.968649328	0.071094822	0.21827613	-1.402356937	-0.053527317			
		-0.784440476	0.589207637	6	0	0.998207054			
EPB41L4A	ENSG00000129595	12	0.725394428	7	7	0.117539819			
	Brain_Frontal_Cortex_BA9	0.907258483				Brain_Nucleus_accumbens_basal_ganglia			
		2.07766432	0.3663853	0.116497227	1.5651838	0.835294636			
		0.486953981	7	0	0.998207054				
PTPN4	ENSG00000088179	8	0.725415751	2	1	0.665747017			
	Brain_Cerebellar_Hemisphere	0.790080673				Brain_Cerebellum	1.975804634		
		0.024195366	1.975804634	0.266205856	0.43199229	0.349099073			
		0.117228711	1	0	0.998207054				
GAS1	ENSG00000180447	6	0.725526644	1	1	0.725526644			
	Brain_Substantia_nigra	0.725526644				Brain_Substantia_nigra	1	1	
		1	0.35108225	0.35108225	0.35108225	NA	1	0	0.998207054
GAL3ST3	ENSG00000175229	6	0.725621293	2	2	0.427346205			
	Brain_Frontal_Cortex_BA9	0.983993749				Brain_Cerebellar_Hemisphere			
		1.158266243	0.841733757	0.841733757	0.020062206	0.793741036			
		0.406901621	0.547073547	2	0	0.998207054			
GTF2E2	ENSG00000197265	8	0.725642532	1	1	0.725642532			
	Brain_Spinal_cord_cervical_c-1	0.725642532				Brain_Spinal_cord_cervical_c-1			
		1	1	1	-0.350927777	-0.350927777	-0.350927777	NA	1
		0.998207054							0
ADAMTSL3	ENSG00000156218	12	0.725748682	6	4	0.420302736			
	Brain_Cerebellar_Hemisphere	0.864012998				Brain_Cortex	3.555704565		
		0.002048039	0.260781103	-0.805896142	0.588275364	-0.211624829			
		0.659955571	4	0	0.998207054				
FAM134C	ENSG00000141699	10	0.725764722	2	2	0.516584111			
	Brain_Nucleus_accumbens_basal_ganglia	0.603931083				Brain_Cerebellar_Hemisphere			
		1.07829075	0.92170925	0.92170925	-0.648619867	-0.518755745	-0.583687806		
		0.091827801	2	0	0.998207054				
WDR4	ENSG00000160193	11	0.725807267	2	2	0.482580046			Brain_Cerebellum
		0.769083813	Brain_Caudate_basal_ganglia	1.768541466	0.231458534				
		0.231458534	-0.293573519	0.702158944	0.204292712	0.704089177			
		2	0	0.998207054					
SYNPR	ENSG00000163630	10	0.72585992	3	2	0.343794429			Brain_Cerebellum
		0.810313442	Brain_Putamen_basal_ganglia	1.945132601	0.054987005				
		0.999880394	-0.946694587	0.24002169	-0.423325457	0.605614782			2
		0	0.998207054						
CTD-2528L19	6	ENSG00000267152	1	0.726028834	2	2	0.463127659		
		Brain_Cerebellum	0.517412403	Brain_Frontal_Cortex_BA9	1.507107339				
		0.492892661	0.492892661	-0.733706463	-0.647339252	-0.690522858			
		0.06107084	2	0	0.998207054				
KNCN	ENSG00000162456	9	0.726069055	2	2	0.44450585			
	Brain_Nucleus_accumbens_basal_ganglia	0.817708613				Brain_Putamen_basal_ganglia			
		1.557470364	0.442529636	0.442529636	-0.764606579	-0.230493114			
		-0.497549847	0.377675253	2	0	0.998207054			
MIF	ENSG00000240972	1	0.72607518	5	4	0.293936647			
	Brain_Spinal_cord_cervical_c-1	0.999169724				Brain_Cerebellum	3.170370921		
		0.066017344	0.210963117	-1.049524801	0.672431709	-0.250296895			
		0.646211566	4	0	0.998207054				
PTOV1	ENSG00000104960	15	0.726154897	4	4	0.205198377			
	Brain_Spinal_cord_cervical_c-1	0.92197852				Brain_Cortex	1.619284594		
		0.454014146	0.454014146	-1.266879507	0.140485307	-0.272485359			
		0.672156036	4	0	0.998207054				
TRIP4	ENSG00000103671	9	0.726359041	9	3	0.545683424			
	Brain_Putamen_basal_ganglia	0.938659743				Brain_Cerebellum	7.679923691		
		0.010283167	0.344886733	-0.604241003	0.36039219	-0.187463373			
		0.328498449	3	0	0.998207054				

RSAD1	ENSG00000136444.9	0.726376407	10	5	0.337530548	
	Brain_Cerebellar_Hemisphere	0.893924869			Brain_Anterior_cingulate_cortex_BA24	
	6.124775887	0.016680317	0.297024621		-0.959055974	0.680155024
	0.136500775	0.457713548	5	0	0.998207054	
RAP2B	ENSG00000181467.4	0.726391416	1	1	0.726391416	Brain_Cerebellum
	0.726391416	Brain_Cerebellum	1	1	-0.349929755	-0.349929755
	-0.349929755	NA	1	0	0.998207054	
ADAMTS2	ENSG00000087116.14	0.726792369	5	5	0.112399452	
	Brain_Hippocampus	0.427051212			Brain_Caudate_basal_ganglia	2.984281507
	0.121169397	0.121169397	-1.587499979		-0.794247755	-1.093092355
	0.33825461	5	0	0.998207054		
AIDA	ENSG00000186063.12	0.726854302	9	5	0.190910698	
	Brain_Hypothalamus	0.859818767			Brain_Cerebellum	5.93341244
	0.201532446	-1.307889775	-0.176604872		-0.515959082	0.338521874
	5	0	0.998207054			
RPTOR	ENSG00000141564.13	0.726918806	3	3	0.324517099	
	Brain_Cerebellar_Hemisphere	0.878766727			Brain_Cerebellum	1.495501898
	0.527410318	0.527410318	0.152532794		0.9852178	0.564052611
	0.41642629	3	0	0.998207054		
STAC2	ENSG00000141750.6	0.726935207	2	2	0.433422579	
	Brain_Putamen_basal_ganglia	0.763501793			Brain_Nucleus_accumbens_basal_ganglia	
	1.189091627	0.810908373	0.810908373		0.300885519	0.783348347
	0.542116933	0.341152738	2	0	0.998207054	
SLC46A2	ENSG00000119457.7	0.727060257	6	4	0.230279989	
	Brain_Anterior_cingulate_cortex_BA24	0.772254888			Brain_Hypothalamus	
	4.022917245	0.001479047	0.154416476		0.289426671	1.199637929
	0.956219919	0.334212995	4	0	0.998207054	
TTL2	ENSG00000120440.13	0.727132923	4	4	0.227109867	
	Brain_Anterior_cingulate_cortex_BA24	0.955086591			Brain_Frontal_Cortex_BA9	
	1.301735811	0.731730185	0.731730185		-1.207837259	0.135736328
	-0.425968254	0.639828777	4	0	0.998207054	
MT2A	ENSG00000125148.6	0.727142898	3	3	0.321103727	
	Brain_Spinal_cord_cervical_c-1	0.903243657			Brain_Cerebellum	1.307746394
	0.694239967	0.694239967	0.121564845		0.992192303	0.645982852
	0.461862274	3	0	0.998207054		
RP5-965G21.3	ENSG00000277938.1	0.727198404	1	1	0.727198404	
	Brain_Amygdala	0.727198404	Brain_Amygdala	1	1	1
	-0.348854689	-0.348854689	NA	1	0	0.998207054
OIP5	ENSG00000104147.8	0.72727887	4	4	0.212382846	
	Brain_Nucleus_accumbens_basal_ganglia	0.743836779			Brain_Amygdala	
	2.762153414	0.196692797	0.196692797		-1.247039961	-0.326776707
	-0.700211539	0.389886861	4	0	0.998207054	
GRIA2	ENSG00000120251.18	0.727280303	3	3	0.349791657	
	Brain_Nucleus_accumbens_basal_ganglia	0.96395063			Brain_Cerebellum	1.617743158
	0.382590429	0.382590429	-0.061020254		0.934993485	0.306389933
	0.546971043	3	0	0.998207054		
ANKRD55	ENSG00000164512.17	0.727390572	2	2	0.438231982	
	Brain_Cortex	0.893745262			Brain_Hypothalamus	1.070745655
	0.929254345	0.929254345	-0.133566644		0.775182239	0.320807798
	0.642582498	2	0	0.998207054		
DCTD	ENSG00000129187.14	0.727495479	5	4	0.580571065	
	Brain_Putamen_basal_ganglia	0.821069191			Brain_Cerebellum	2.750404422
	0.025133284	0.291216533	-0.411577518		0.552550764	0.121094087
	0.459578825	4	0	0.998207054		
LIG3	ENSG00000005156.11	0.727503479	12	1	0.528049757	Brain_Cerebellum
	0.935426268	Brain_Hypothalamus	11.75417984		0.000102081	
	11.75417984	-0.63098588	-0.081019722		-0.344531909	0.135660191
	1	0	0.998207054			
UBXN11	ENSG00000158062.20	0.727732094	3	3	0.765651676	
	Brain_Cerebellar_Hemisphere	0.913038172			Brain_Cerebellum	2.730702829
	0.105570358	0.105570358	-0.204295128		0.298067461	-0.005144946
	0.26685905	3	0	0.998207054		

CELA3B	ENSG00000219073.7	0.72773428	1	1	0.72773428		
	Brain_Cerebellar_Hemisphere	0.72773428	Brain_Cerebellar_Hemisphere	1	1	1	1
	0.34814102	0.34814102	0.34814102	NA	1	0	0.998207054
AC008269.2	ENSG00000229321.1	0.727750874	1	1	0.727750874		
	Brain_Caudate_basal_ganglia	0.727750874	Brain_Caudate_basal_ganglia	1	1	1	1
	1	-0.348118923	-0.348118923	-0.348118923	NA	1	0
	0.998207054						
PDE6A	ENSG00000132915.10	0.727774637	1	1	0.727774637		
	Brain_Nucleus_accumbens_basal_ganglia	0.727774637					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.34808728		
	-0.34808728	-0.34808728	NA	1	0	0.998207054	
ATP6V1C2	ENSG00000143882.10	0.72782708	5	5	0.189956013	Brain_Cortex	
	0.976302223	Brain_Nucleus_accumbens_basal_ganglia	1.590836974				
	0.616497293	0.616497293	-1.310709247	0.106087543	-0.471398931		
	0.564380414	5	0	0.998207054			
RP11-353N4.6	ENSG00000275557.1	0.727846049	2	2	0.488348393		
	Brain_Anterior_cingulate_cortex_BA24	0.619853675	Brain_Putamen_basal_ganglia				
	1.154206407	0.845793593	0.845793593	-0.692938108	-0.496057738		
	-0.594497923	0.139215445	2	0	0.998207054		
SGIP1	ENSG00000118473.21	0.727853983	5	5	0.30666135	Brain_Cerebellum	
	0.960015915	Brain_Cerebellar_Hemisphere	1.617471313	0.385283158			
	0.385283158	-0.970065467	1.022252624	-0.150878547	0.750487289		
	5	0	0.998207054				
SLC6A11	ENSG00000132164.9	0.727868978	2	2	0.461323674		
	Brain_Anterior_cingulate_cortex_BA24	0.754361045	Brain_Cerebellar_Hemisphere				
	1.011719724	0.988280276	0.988280276	0.312894198	0.736668981		
	0.52478159	0.299654023	2	0	0.998207054		
RP11-338N10.1	ENSG00000270171.1	0.727912474	12	6	0.202875764		
	Brain_Cerebellar_Hemisphere	0.976485258	Brain_Substantia_nigra				
	8.300647296	0.008444589	0.321783886	-0.639315186	1.273401053		
	0.023509287	0.542873736	6	0	0.998207054		
ADAMTS17	ENSG00000140470.13	0.728132693	2	2	0.511247547		
	Brain_Cerebellar_Hemisphere	0.660554674	Brain_Hippocampus	1.017315797			
	0.982684203	0.982684203	-0.439147485	0.656896378	0.108874447		
	0.775020048	2	0	0.998207054			
VAT1L	ENSG00000171724.2	0.728138779	3	3	0.323606948	Brain_Cerebellum	
	0.808593159	Brain_Nucleus_accumbens_basal_ganglia	1.106119646	0.89396784			
	0.89396784	-0.987072806	0.568622495	-0.220230552	0.778081181	3	
	0	0.998207054					
ZFYVE27	ENSG00000155256.17	0.728198983	1	1	0.728198983		
	Brain_Cerebellum	0.728198983	Brain_Cerebellum	1	1	1	0.34752228
	0.34752228	0.34752228	NA	1	0	0.998207054	
LINC01586	ENSG00000249487.6	0.728200992	3	3	0.258026958		
	Brain_Spinal_cord_cervical_c-1	0.898161879	Brain_Cerebellar_Hemisphere				
	1.834098299	0.167832579	0.167832579	-1.131066846	-0.127983692		
	-0.489240467	0.557300126	3	0	0.998207054		
CCDC39	ENSG00000145075.11	0.728230294	1	1	0.728230294		
	Brain_Putamen_basal_ganglia	0.728230294	Brain_Putamen_basal_ganglia	1	1		
	1	-0.347480595	-0.347480595	-0.347480595	NA	1	0
	0.998207054						
RP11-375I20.6	ENSG00000260633.1	0.728311545	13	4	0.117049888		
	Brain_Amygdala	0.742463116	Brain_Frontal_Cortex_BA9	9.921785538			
	3.43E-10	0.491025426	-1.567277305	-0.328593295	-0.956659792		
	0.341472198	4	0	0.998207054			
ZNF345	ENSG00000251247.10	0.728396627	3	3	0.334098068		
	Brain_Cerebellar_Hemisphere	0.75170438	Brain_Cerebellum	2.459905165			
	0.089889216	0.089889216	0.316392802	0.965892316	0.632653713		
	0.32508243	3	0	0.998207054			
ZNF780A	ENSG00000197782.14	0.728398707	3	2	0.624985173		
	Brain_Nucleus_accumbens_basal_ganglia	0.930285577	Brain_Caudate_basal_ganglia				
	2.639939781	0.025658556	0.334401663	-0.488797353	0.087485542		
	-0.279925156	0.319180727	2	0	0.998207054		

HEPHL1	ENSG00000181333.11	0.728439151	1	1	0.728439151			
	Brain_Cerebellum	0.728439151				1	1	0.347202556
	0.347202556	0.347202556	NA	1	0	0.998207054		
NR0B2	ENSG00000131910.4	0.728498179	2	2	0.430415689			Brain_Cerebellum
	0.537263298	Brain_Cerebellar_Hemisphere	1.681472207			0.318527793		
	0.318527793	-0.78848052	-0.616956683			-0.702718601		0.121285668
	2	0	0.998207054					
GLIS2	ENSG00000126603.8	0.728512678	1	1	0.728512678			
	Brain_Hippocampus	0.728512678				Brain_Hippocampus	1	1
	0.34710468	0.34710468	NA	1	0	0.998207054		
MRLN	ENSG00000227877.6	0.728689632	4	3	0.273266488			
	Brain_Hippocampus	0.923311618				Brain_Cerebellum	1.984566175	
	0.016949448	0.96825669	-1.09557116			0.346252447		-0.182048853
	0.635254788	3	0	0.998207054				
ANKRD29	ENSG00000154065.16	0.728697092	2	2	0.426617299			
	Brain_Anterior_cingulate_cortex_BA24	0.985567395				Brain_Frontal_Cortex_BA9		
	1.062049459	0.937950541	0.937950541			-0.794993473		0.018089575
	-0.388451949	0.574936537	2	0	0.998207054			
SMG5	ENSG00000198952.8	0.728799769	5	5	0.098470575			Brain_Cortex
	0.977029121	Brain_Putamen_basal_ganglia	2.082475721			0.462975404		
	0.462975404	-1.652313913	0.028793706			-0.594263992		0.646855515
	5	0	0.998207054					
PIGL	ENSG00000108474.16	0.728857984	2	2	0.529452762			
	Brain_Hypothalamus	0.587724364				Brain_Anterior_cingulate_cortex_BA24		
	1.090986318	0.909013682	0.909013682			-0.6288416		-0.542136663
	-0.585489131	0.061309649	2	0	0.998207054			
ZNF93	ENSG00000184635.14	0.7289053	7	2	0.245527087			
	Brain_Putamen_basal_ganglia	0.978476934				Brain_Nucleus_accumbens_basal_ganglia		
	6.056665427	0.026114387	0.526380046			0.026978435		1.161282369
	0.467214185	0.394481974	2	0	0.998207054			
RP4-809F18.1	ENSG00000255595.2	0.728907404	5	5	0.363358939			
	Brain_Anterior_cingulate_cortex_BA24	0.948534196				Brain_Frontal_Cortex_BA9		
	1.727139383	0.410860803	0.410860803			-0.908983305		0.83329521
	0.251554557	0.720369525	5	0	0.998207054			
VIM	ENSG00000026025.15	0.729003573	3	2	0.425763786			
	Brain_Nucleus_accumbens_basal_ganglia	0.556946206				Brain_Frontal_Cortex_BA9		
	2.701984902	0.0649811	0.233033999			0.587383451		0.796461601
	0.675020183	0.108560977	2	0	0.998207054			
ATF5	ENSG00000169136.10	0.729003914	3	3	0.47513848			
	Brain_Cerebellar_Hemisphere	0.898974049				Brain_Cerebellum	1.516501495	
	0.516943505	0.516943505	-0.126957484			0.71414345		0.413913323
	0.469354501	3	0	0.998207054				
RP11-54G14.1	ENSG00000274918.1	0.729032087	1	1	0.729032087			
	Brain_Cerebellar_Hemisphere	0.729032087				Brain_Cerebellar_Hemisphere	1	1
	1	-0.346413359	-0.346413359			-0.346413359		NA
	0.998207054					1		0
ZNF230	ENSG00000159882.12	0.729071411	2	2	0.428890426			
	Brain_Cerebellar_Hemisphere	0.550909617				Brain_Cerebellum	1.681388857	
	0.318611143	0.318611143	0.596397639			0.791091796		0.693744718
	0.137669558	2	0	0.998207054				
CTC-444N24.11	ENSG00000268205.1	0.729196152	1	1	0.729196152			
	Brain_Substantia_nigra	0.729196152				Brain_Substantia_nigra	1	1
	1	0.346195026	0.346195026			0.346195026		NA
	0.998207054					1		0
LRCH4	ENSG00000077454.15	0.729217089	5	4	0.280586979			
	Brain_Spinal_cord_cervical_c-1	0.891044365				Brain_Hippocampus		
	3.575246949	0.073350212	0.132834736			-0.625488528		1.079001679
	0.010666712	0.657223241	4	0	0.998207054			
PRSS12	ENSG00000164099.3	0.729218886	3	3	0.263396803			
	Brain_Nucleus_accumbens_basal_ganglia	0.374327034				Brain_Cerebellar_Hemisphere		
	2.614182051	0.16295413	0.16295413			0.888397381		1.118398575
	0.998988876	0.115253884	3	0	0.998207054			

PLCB1	ENSG00000182621.17	0.729330712	2	2	0.458268356				
	Brain_Cerebellar_Hemisphere	0.826455905				Brain_Hippocampus		1.086980694	
	0.913019306	0.913019306			-0.219249234	0.741701261		0.261226014	
	0.679494611	2	0	0.998207054					
ALDH7A1	ENSG00000164904.17	0.729345178	5	3	0.418832265				
	Brain_Cerebellar_Hemisphere	0.820534622				Brain_Spinal_cord_cervical_c-1			
	4.018794043	0.026660524			0.257575787	-0.226857408		0.808448806	
	0.394425657	0.406058176	3	0	0.998207054				
HNRNPA0	ENSG00000177733.6	0.729389976	1	1	0.729389976				
	Brain_Nucleus_accumbens_basal_ganglia	0.729389976							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.345937114				
	-0.345937114	-0.345937114	NA	1	0	0.998207054			
DROSHA	ENSG00000113360.16	0.729391519	2	2	0.494998				
	Brain_Putamen_basal_ganglia	0.691248467				Brain_Caudate_basal_ganglia			
	1.013992861	0.986007139			0.986007139	-0.682381106		-0.39716137	
	-0.539771238	0.20168081	2	0	0.998207054				
GAL3ST2	ENSG00000154252.11	0.72939947	10	9	0.115218087				
	Brain_Putamen_basal_ganglia	0.818321471				Brain_Caudate_basal_ganglia			
	4.783455584	0.020289704			0.176954114	-1.575166198		1.004918106	
	-0.614508424	0.859140195	9	0	0.998207054				
TNFAIP1	ENSG00000109079.9	0.729444116	2	2	0.579588076				
	Brain_Frontal_Cortex_BA9	0.641437012				Brain_Caudate_basal_ganglia			
	1.171676761	0.828323239			0.828323239	-0.553986513		0.465690558	
	-0.044147978	0.721020571	2	0	0.998207054				
SLC35G5	ENSG00000177710.5	0.729632854	4	4	0.238363309				
	Brain_Cortex	0.965773204				Brain_Hippocampus		2.026353186	0.31370759
	0.31370759	-1.179087567			0.042910092	-0.500502813		0.553884793	4
	0	0.998207054							
PIK3IP1	ENSG00000100100.12	0.729736412	1	1	0.729736412				
	Brain_Caudate_basal_ganglia	0.729736412				Brain_Caudate_basal_ganglia	1	1	
	1	0.345476184			0.345476184	NA	1	0	
	0.998207054								
EVC	ENSG00000072840.12	0.729751607	1	1	0.729751607				
	Brain_Caudate_basal_ganglia	0.729751607				Brain_Caudate_basal_ganglia	1	1	
	1	0.345455969			0.345455969	NA	1	0	
	0.998207054								
PPP1R14D	ENSG00000166143.9	0.729897944	1	1	0.729897944				
	Brain_Cerebellum	0.729897944				Brain_Cerebellum	1	1	1
	-0.345261292	-0.345261292	NA	1	0	0.998207054			
GNG2	ENSG00000186469.8	0.730028244	3	3	0.283568067				
	Brain_Putamen_basal_ganglia	0.995067063				Brain_Cerebellum		1.890578093	
	0.10570732	0.10570732			-0.00618256	1.072338395		0.440588197	
	0.562552138	3	0	0.998207054					
RASA1	ENSG00000145715.14	0.730036383	1	1	0.730036383				
	Brain_Cerebellum	1	1	1	0.345077134			0.345077134	
	0.345077134	NA	1	0	0.998207054				
CHP2	ENSG00000166869.2	0.730135078	1	1	0.730135078				
	Brain_Hippocampus	0.730135078				Brain_Hippocampus	1	1	1
	-0.344945853	-0.344945853			-0.344945853	NA	1	0	0.998207054
LYSMD4	ENSG00000183060.15	0.730175383	12	8	0.197312931				
	Brain_Caudate_basal_ganglia	0.883627408				Brain_Cerebellar_Hemisphere			
	6.436061714	0.003074274			0.361370774	-0.323719047		1.289244984	
	0.677932424	0.557328614	8	0	0.998207054				
HNMT	ENSG00000150540.13	0.73033787	1	1	0.73033787				
	Brain_Nucleus_accumbens_basal_ganglia	0.73033787							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.344676124				
	-0.344676124	-0.344676124	NA	1	0	0.998207054			
RPL19	ENSG00000108298.9	0.730442812	1	1	0.730442812				
	Brain_Substantia_nigra	0.730442812				Brain_Substantia_nigra		1	1
	1	-0.344536552			-0.344536552	NA	1	0	
	0.998207054								
ASTN2	ENSG00000148219.16	0.730497851	3	2	0.465306451				

	Brain_Frontal_Cortex_BA9	0.830473006		Brain_Cerebellum	1.972545259		
	0.029836775	0.997617966	0.21409496	0.730136993	0.43270634		
	0.266897365	2	0	0.998207054			
FAM41C	ENSG00000230368.2	0.730518568	4	4	0.366689397		
	Brain_Hippocampus	0.610918496		Brain_Cerebellum	1.126983982		
	0.815953693	0.815953693	-0.902691975	0.597717124	-0.409876742		
	0.693026536	4	0	0.998207054			
PTX3	ENSG00000163661.3	0.730536603	4	4	0.303052655		
	Brain_Frontal_Cortex_BA9	0.538822296		Brain_Cerebellum	1.7041164		
	0.411518901	0.411518901	-1.029909151	-0.614594881	-0.802532766		
	0.171690397	4	0	0.998207054			
HLA-DMB	ENSG00000242574.8	0.730600085	2	2	0.527217444		
	Brain_Cerebellum	0.875826894		Brain_Cortex	1.74822346	0.25177654	0.25177654
	0.15626151	0.632259315	0.394260412	0.336581276	2	0	
	0.998207054						
MTFR1	ENSG00000066855.15	0.730689379	1	1	0.730689379		
	Brain_Cerebellar_Hemisphere	0.730689379		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.344208649	-0.344208649	-0.344208649	NA	1	0
	0.998207054						
METTL7B	ENSG00000170439.6	0.730744272	2	2	0.448340436		
	Brain_Caudate_basal_ganglia	0.792802165		Brain_Cerebellum	1.044428653		
	0.955571347	0.955571347	0.262673602	0.758184671	0.510429137		
	0.350379238	2	0	0.998207054			
EXTL1	ENSG00000158008.9	0.730865122	4	3	0.28801211		
	Brain_Nucleus_accumbens_basal_ganglia	0.533697839		Brain_Putamen_basal_ganglia			
	3.336750307	0.103582235	0.165047618	0.622371161	1.062492612		
	0.800382167	0.186307502	3	0	0.998207054		
PIN1	ENSG00000127445.13	0.730921966	1	1	0.730921966		Brain_Amygdala
	0.730921966	Brain_Amygdala	1	1	1	-0.343899369	-0.343899369
	-0.343899369	NA	1	0	0.998207054		
LINC00242	ENSG00000229214.1	0.730945812	2	2	0.515159203		
	Brain_Cortex	0.856381879		Brain_Hypothalamus	1.366454048		
	0.633545952	0.633545952	-0.180981778	0.650825398	0.23492181		
	0.588176495	2	0	0.998207054			
KIAA1683	ENSG00000130518.16	0.730991148	13	3	0.301977434		
	Brain_Substantia_nigra	0.964124007		Brain_Cerebellum	10.67400787		
	0.00094922	0.51484397	-1.032202137	0.308662545	-0.233963853		
	0.323118086	3	0	0.998207054			
AC016995.3	ENSG00000231367.5	0.731142369	1	1	0.731142369		
	Brain_Nucleus_accumbens_basal_ganglia	0.731142369					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.343606323		
	0.343606323	0.343606323	NA	1	0	0.998207054	
TMEM9	ENSG00000116857.16	0.731259925	4	4	0.293705482		
	Brain_Nucleus_accumbens_basal_ganglia	0.818879179		Brain_Cortex			
	1.295919648	0.597740563	0.597740563	-0.244398132	1.050027473		
	0.493240139	0.611574472	4	0	0.998207054		
DESI2	ENSG00000121644.18	0.73137342	1	1	0.73137342		Brain_Hypothalamus
	0.73137342	Brain_Hypothalamus	1	1	1	0.34329915	0.34329915
	NA	1	0	0.998207054			
ARF3	ENSG00000134287.9	0.73138465	2	2	0.568690841		
	Brain_Caudate_basal_ganglia	0.634909996		Brain_Substantia_nigra			
	1.121919144	0.878080856	0.878080856	-0.569980622	0.474827407		
	-0.047576608	0.738790843	2	0	0.998207054		
ADAT2	ENSG00000189007.15	0.731465495	6	3	0.247335577		
	Brain_Hypothalamus	0.417656559		Brain_Cortex	5.062944443		0.00961798
	0.221770314	-1.156845283	-0.81049357	-1.03379161	0.129496011		
	3	0	0.998207054				
RP11-180P8.3	ENSG00000266411.1	0.731534841	1	1	0.731534841		
	Brain_Anterior_cingulate_cortex_BA24	0.731534841					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.343084567		
	0.343084567	0.343084567	NA	1	0	0.998207054	
ABCG1	ENSG00000160179.18	0.731554185	2	2	0.443588005		

	Brain_Cerebellar_Hemisphere	0.938518196		Brain_Anterior_cingulate_cortex_BA24			
	1.151436361	0.848563639	0.848563639	-0.077132429	0.766148403		
	0.344507987	0.596289595	2	0	0.998207054		
NSUN2	ENSG00000037474.14	0.731562837	13	1	0.647987299		
	Brain_Caudate_basal_ganglia	0.85240552		Brain_Nucleus_accumbens_basal_ganglia			
	12.78254601	0.000206776	12.78254601	-0.456560051	-0.18605004		
	-0.340006232	0.090984616	1	0	0.998207054		
RP11-91I20.3	ENSG00000228862.3	0.731622439		1	1	0.731622439	
	Brain_Cerebellum	0.731622439		Brain_Cerebellum	1	1	0.342968127
	0.342968127	0.342968127	NA	1	0	0.998207054	
LZTR1	ENSG00000099949.18	0.731645946	5	4	0.30206586	Brain_Hypothalamus	
	0.793228445	Brain_Cerebellum	3.313861589	0.073653857	0.315007619		
	-0.262120627	1.032013358	0.609970063	0.523555662	4	0	
	0.998207054						
KHDRBS3	ENSG00000131773.13	0.731728013	4	4	0.179491656		
	Brain_Cerebellum	0.879581025		Brain_Caudate_basal_ganglia	1.794768458		
	0.25054445	0.25054445	0.151500362	1.342321866	0.764309429		
	0.649829624	4	0	0.998207054			
ADAM28	ENSG00000042980.12	0.731791994	1	1	0.731791994		
	Brain_Hippocampus	0.731791994		Brain_Hippocampus	1	1	1
	-0.342742756	-0.342742756	-0.342742756	NA	1	0	0.998207054
SH2D3C	ENSG00000095370.19	0.731808554	1	1	0.731808554		
	Brain_Cortex	0.731808554		Brain_Cortex	1	1	1
	0.342720746	0.342720746	NA	1	0	0.998207054	0.342720746
BOLA2	ENSG00000183336.8	0.731949172	13	3	0.06448208		
	Brain_Caudate_basal_ganglia	0.620724874		Brain_Hippocampus	11.16606101		
	0.0010151	0.487955949	-1.848831964	-0.494823274	-0.984585276		
	0.418515921	3	0	0.998207054			
LINC00637	ENSG00000258735.1	0.732050516	1	1	0.732050516		
	Brain_Cerebellum	0.732050516		Brain_Cerebellum	1	1	-0.342399166
	-0.342399166	-0.342399166	NA	1	0	0.998207054	
SVOP	ENSG00000166111.9	0.732119598	1	1	0.732119598		
	Brain_Putamen_basal_ganglia	0.732119598		Brain_Putamen_basal_ganglia	1	1	
	1	0.342307359	0.342307359	0.342307359	NA	1	0
	0.998207054						
SLC4A11	ENSG00000088836.12	0.732121543	8	7	0.274038893		
	Brain_Anterior_cingulate_cortex_BA24	0.973967943		Brain_Cerebellum			
	4.129381649	0.026523824	0.163455249	-1.093808687	0.792274919		
	0.065516234	0.641242703	7	0	0.998207054		
CHERP	ENSG00000085872.14	0.73223569	1	1	0.73223569		
	Brain_Anterior_cingulate_cortex_BA24	0.73223569					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.342153084		
	0.342153084	0.342153084	NA	1	0	0.998207054	
TANK	ENSG00000136560.13	0.732389792	3	3	0.503714248		
	Brain_Frontal_Cortex_BA9	0.808556804		Brain_Caudate_basal_ganglia			
	1.905982877	0.095674725	0.095674725	0.242288267	0.668657087		
	0.498427276	0.2257939	3	0	0.998207054		
LINC01885	ENSG00000237880.1	0.732520131	1	1	0.732520131		
	Brain_Caudate_basal_ganglia	0.732520131		Brain_Caudate_basal_ganglia	1	1	
	1	0.341775125	0.341775125	0.341775125	NA	1	0
	0.998207054						
CIART	ENSG00000159208.15	0.732652836	1	1	0.732652836	Brain_Cortex	
	0.732652836	Brain_Cortex	1	1	1	0.341598806	0.341598806
	0.341598806	NA	1	0	0.998207054		
RTFDC1	ENSG00000022277.12	0.732793151	1	1	0.732793151		
	Brain_Cerebellar_Hemisphere	0.732793151		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.341412387	-0.341412387	-0.341412387	NA	1	0
	0.998207054						
PHAX	ENSG00000164902.13	0.732838332	1	1	0.732838332		
	Brain_Frontal_Cortex_BA9	0.732838332		Brain_Frontal_Cortex_BA9	1	1	
	1	-0.341352364	-0.341352364	-0.341352364	NA	1	0
	0.998207054						

FBXO6	ENSG00000116663.10	0.732883576	3	3	0.274681226				
	Brain_Caudate_basal_ganglia	0.978192886				Brain_Cerebellar_Hemisphere			
	1.817081141	0.350138136	0.350138136		-1.092345597	0.027334567			
	-0.583449631	0.566751115	3	0	0.998207054				
IFT74	ENSG00000096872.15	0.733015979	9	2	0.422914526				
	Brain_Putamen_basal_ganglia	0.958661365				Brain_Substantia_nigra			
	7.534887746	0.003093512	0.863355709		-0.801375099	-0.051833496			
	-0.401729117	0.224149314	2	0	0.998207054				
FAM78B	ENSG00000188859.6	0.733072446	1	1	0.733072446				
	Brain_Cerebellar_Hemisphere	0.733072446				Brain_Cerebellar_Hemisphere1	1	1	
	1	-0.34104136	-0.34104136	-0.34104136	NA	1	0		
	0.998207054								
BAG1	ENSG00000107262.18	0.733127645	2	2	0.432561972				
	Brain_Putamen_basal_ganglia	0.95297531				Brain_Nucleus_accumbens_basal_ganglia			
	1.014372089	0.985627911	0.985627911		0.05897087	0.784815124			
	0.421892997	0.513249394	2	0	0.998207054				
SH3BGR2	ENSG00000198478.7	0.733155728	7	7	0.111070263				
	Brain_Frontal_Cortex_BA9	0.974799852				Brain_Caudate_basal_ganglia			
	1.992799501	0.400284375	0.400284375		-1.593400992	1.089118403			
	-0.185788912	0.864106311	7	0	0.998207054				
NKX6-3	ENSG00000165066.12	0.733167372	1	1	0.733167372				
	Brain_Cerebellar_Hemisphere	0.733167372				Brain_Cerebellar_Hemisphere1	1	1	
	1	-0.340915266	-0.340915266	-0.340915266	NA	1	0		
	0.998207054								
RP11-430C7.5	ENSG00000240219.1	0.733186444	1	1	0.733186444				
	Brain_Substantia_nigra	0.733186444				Brain_Substantia_nigra	1	1	
	1	-0.340889932	-0.340889932	-0.340889932	NA	1	0		
	0.998207054								
ITPR1	ENSG00000150995.18	0.733220987	1	1	0.733220987				
	Brain_Nucleus_accumbens_basal_ganglia	0.733220987							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.34084405				
	-0.34084405	-0.34084405	NA	1	0	0.998207054			
BBS7	ENSG00000138686.9	0.733221552	7	5	0.115247337				
	Brain_Anterior_cingulate_cortex_BA24	0.558897807							
	Brain_Nucleus_accumbens_basal_ganglia	4.747064923			0.025512553				
	0.235309305	0.584479421	1.575039456		1.199329605	0.426346337			
	5	0	0.998207054						
FOXO6	ENSG00000204060.6	0.73337418	3	2	0.682495399				
	Brain_Caudate_basal_ganglia	0.886665489				Brain_Cerebellum	2.658478572		
	0.057353986	0.284167443	-0.409060315		0.363715096	0.032393195			
	0.39798516	2	0	0.998207054					
RP11-771K4.1	ENSG00000256232.1	0.73338372	1	1	0.73338372				
	Brain_Cerebellar_Hemisphere	0.73338372				Brain_Cerebellar_Hemisphere1	1	1	
	-0.340627904	-0.340627904	-0.340627904	NA	1	0	0.998207054		
RP11-445P19.3	ENSG00000272827.1	0.733492307	2	2	0.755587628				
	Brain_Cerebellum	0.829347104				Brain_Cerebellar_Hemisphere1	1.775197706		
	0.224802294	0.224802294	-0.311280187		0.215539007	-0.04787059			
	0.372517424	2	0	0.998207054					
ABCB8	ENSG00000197150.12	0.733530964	6	5	0.23805516				
	Brain_Putamen_basal_ganglia	0.993814033				Brain_Cortex	2.995791478		
	3.72E-16	0.277893134	-0.349899078		1.179861862	0.379096127			
	0.579235374	5	0	0.998207054					
NAA60	ENSG00000122390.17	0.733620403	2	2	0.439602176				
	Brain_Caudate_basal_ganglia	0.951037451				Brain_Amygdala	1.265350912		
	0.734649088	0.734649088	0.06140402		0.772865177	0.417134598			
	0.503079009	2	0	0.998207054					
NSUN6	ENSG00000241058.3	0.733634498	13	3	0.173997815				
	Brain_Putamen_basal_ganglia	10.81077371				Brain_Cerebellum			
	0.911228966				0.008387675				
	0.436124573	-1.359469647	-0.111488523		-0.873308596	0.370077373			
	3	0	0.998207054						
RP11-271F18.4	ENSG00000270111.2	0.733663142	2	2	0.450153419				
	Brain_Cortex	0.802331804				Brain_Caudate_basal_ganglia	1.038144237		

	0.961855763	0.961855763	0.250330458	0.755159278	0.502744868
	0.356967882	2	0	0.998207054	
CHGB	ENSG00000089199.9	0.73375137	2	2	0.645029146
	Brain_Frontal_Cortex_BA9	0.952984814			Brain_Cortex
	0.147706682	0.147706682	-0.46067869	-0.058958937	1.852293318
	0.284058761	2	0	0.998207054	-0.259818814
IQCB1	ENSG00000173226.16	0.733856712	13	1	0.403309716
	Brain_Hippocampus	0.879976902			Brain_Spinal_cord_cervical_c-1
	12.23071482	0.005924645	12.23071482	-0.252547163	0.835724844
	0.327213155	0.307867879	1	0	0.998207054
RP11-100K18.1	ENSG00000266213.1	0.733896647	2	2	0.502913153
	Brain_Spinal_cord_cervical_c-1	0.962932501			Brain_Hypothalamus
	1.472908358	0.527091642	0.527091642	-0.669913156	0.046473945
	-0.311719605	0.506562177	2	0	0.998207054
C11orf87	ENSG00000185742.6	0.733896871	1	1	0.733896871
	Brain_Hippocampus	0.733896871	Brain_Hippocampus	1	1
	0.339946429	0.339946429	0.339946429	NA	1
ICE2	ENSG00000128915.11	0.734043412	2	2	0.459854646
	0.861521527	Brain_Cerebellar_Hemisphere	1.541503402	0.458496598	Brain_Cerebellum
	0.458496598	-0.739086216	-0.17443765	-0.456761933	0.39926683
	0	0.998207054			2
MED30	ENSG00000164758.7	0.734130178	4	4	0.238919867
	Brain_Nucleus_accumbens_basal_ganglia	0.856160028			Brain_Caudate_basal_ganglia
	1.959205151	0.249072151	0.249072151	-1.177690873	0.666892358
	0.068196709	0.858049209	4	0	0.998207054
ZNF438	ENSG00000183621.15	0.734138884	1	1	0.734138884
	Brain_Cortex	0.734138884	Brain_Cortex	1	1
	0.339625086	0.339625086	NA	1	0
TMEM254	ENSG00000133678.13	0.73417478	3	3	0.291028387
	Brain_Substantia_nigra	0.930178126			Brain_Cortex
	0.301431966	0.301431966	-0.100263532	1.055868304	0.289328014
	0.66387346	3	0	0.998207054	
ZACN	ENSG00000186919.12	0.734243491	1	1	0.734243491
	Brain_Spinal_cord_cervical_c-1	0.734243491			Brain_Spinal_cord_cervical_c-1
	1	1	1	0.3394862	0.3394862
	0.3394862	0.3394862	0.3394862	NA	1
OXCT2	ENSG00000198754.5	0.73443095	6	5	0.356133276
	0.896319006	Brain_Cortex	3.042054212	0.045535487	Brain_Cerebellum
	-0.86724987	0.922758109	0.014240338	0.730704261	0.299200483
	0.998207054				5
					0
RMND1	ENSG00000155906.16	0.734485579	4	3	0.486333725
	Brain_Nucleus_accumbens_basal_ganglia	0.798598257			Brain_Caudate_basal_ganglia
	2.639743568	0.065268433	0.476415427	-0.696151872	0.345252418
	-0.116705622	0.500718533	3	0	0.998207054
CKS2	ENSG00000123975.4	0.73464496	6	6	0.334856598
	Brain_Putamen_basal_ganglia	0.904668142			Brain_Cerebellar_Hemisphere
	1.416070776	0.672312935	0.672312935	-0.784101126	0.964377701
	0.418742597	0.672416108	6	0	0.998207054
CYP4F2	ENSG00000186115.12	0.734659161	4	4	0.177975299
	Brain_Cerebellar_Hemisphere	0.523135599			Brain_Cortex
	0.099533569	0.099533569	0.638519447	1.347015318	1.065345822
	0.301298434	4	0	0.998207054	
LINC00672	ENSG00000263874.2	0.734671714	9	6	0.268766872
	Brain_Hippocampus	0.762753589			Brain_Nucleus_accumbens_basal_ganglia
	5.779993861	0.00015166	0.199957347	-0.965135098	1.105906775
	0.335630319	0.816024792	6	0	0.998207054
DUBR	ENSG00000243701.5	0.734737466	3	3	0.35097233
	Brain_Frontal_Cortex_BA9	0.829562652			Brain_Caudate_basal_ganglia
	2.319437875	0.292374024	0.292374024	-0.932704946	-0.215262516
	-0.563889013	0.359147073	3	0	0.998207054
ADAM8	ENSG00000151651.15	0.734785337	4	4	0.193832262
	Brain_Hippocampus	0.919294245			Brain_Substantia_nigra
	0.144765949	0.144765949	0.101322765	1.299325456	2.603229894
					0.479688221

	0.563426421	4	0	0.998207054					
MTRR	ENSG00000124275.14		0.735137691	12	6	0.220664773			
	Brain_Anterior_cingulate_cortex_BA24		0.990230219			Brain_Hippocampus			
	7.022213836	0.00986951	0.36014173	-1.224762355		0.737940624			
	-0.179423173	0.5654858	6	0	0.998207054				
CYP4V2	ENSG00000145476.15		0.73538966	13	11	0.155638082		Brain_Cortex	
	0.968431672		Brain_Spinal_cord_cervical_c-1			4.969623061		0.071257609	
	0.185114512	-1.419895584	0.982131489			-0.273194946		0.755504175	
	11	0	0.998207054						
SSX2IP	ENSG00000117155.16		0.735411264	1	1	0.735411264			
	Brain_Anterior_cingulate_cortex_BA24		0.735411264						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		-0.337936204			
	-0.337936204	-0.337936204	NA	1	0	0.998207054			
PPEF2	ENSG00000156194.17		0.735474699	2	2	0.633487158		Brain_Cerebellum	
	0.957436856		Brain_Cerebellar_Hemisphere	1.833293385		0.166706615			
	0.166706615	-0.476824415	-0.053370316			-0.265097366		0.299427265	
	2	0	0.998207054						
C6orf118	ENSG00000112539.14		0.735546001	1	1	0.735546001			
	Brain_Hypothalamus		0.735546001			Brain_Hypothalamus	1	1	1
	-0.337757419	-0.337757419	-0.337757419	NA	1	0		0.998207054	
ERCC3	ENSG00000163161.12		0.735569977	10	1	0.22117065			
	Brain_Caudate_basal_ganglia		0.997792404			Brain_Cortex		9.10185308	
	0.006664468	9.10185308	-1.223421202			0.111873543		-0.33449806	
	0.485168399	1	0	0.998207054					
CTD-2623N2.11	ENSG00000267289.1		0.735617598	11	5	0.447088607			
	Brain_Cerebellum		0.965991555			Brain_Hypothalamus	8.098727518	5.50E-18	
	0.362935403	-0.760277703	0.482346589			-0.118870132		0.371362928	
	5	0	0.998207054						
ZAR1	ENSG00000182223.7		0.735721629	2	2	0.492401598			
	Brain_Caudate_basal_ganglia		0.712055751			Brain_Putamen_basal_ganglia			
	1.012251019	0.987748981	0.987748981			-0.369096563		0.686494077	
	0.158698757	0.7464153	2	0	0.998207054				
LINC01355	ENSG00000261326.2		0.73575632	2	2	0.435930571		Brain_Amygdala	
	0.915283833		Brain_Cerebellar_Hemisphere	1.031201911		0.968798089			
	0.968798089	0.106376253	0.779083429			0.442729841		0.475675806	
	2	0	0.998207054						
TMEM134	ENSG00000172663.8		0.735838865	1	1	0.735838865			
	Brain_Hypothalamus		0.735838865			Brain_Hypothalamus	1	1	1
	0.337368849	0.337368849	0.337368849	NA	1	0		0.998207054	
RP11-83N9.6	ENSG00000275329.1		0.735909135	5	5	0.196493612			
	Brain_Cerebellar_Hemisphere		0.976492501			Brain_Cortex		1.628081732	
	0.496346023	0.496346023	-1.291606038			0.553225		-0.390901396	
	0.711497036	5	0	0.998207054					
SLC35F6	ENSG00000213699.8		0.735968824	4	4	0.192850686			
	Brain_Nucleus_accumbens_basal_ganglia		0.994297116			Brain_Hypothalamus			
	1.589394912	0.403136037	0.403136037			-1.302192213		0.007147566	
	-0.542721331	0.563241639	4	0	0.998207054				
RP3-406A7.7	ENSG00000260418.1		0.736284766	1	1	0.736284766			
	Brain_Caudate_basal_ganglia		0.736284766			Brain_Caudate_basal_ganglia	1	1	
	1	-0.336777328	-0.336777328			-0.336777328	NA	1	0
	0.998207054								
CIB1	ENSG00000185043.10		0.736371067	10	8	0.298915941			
	Brain_Caudate_basal_ganglia		0.964189803			Brain_Hypothalamus		4.865530968	
	0.047599777	0.275604495	-1.038760919			0.838110517		-0.02035225	
	0.646410267	8	0	0.998207054					
AGBL3	ENSG00000146856.14		0.736420182	6	3	0.258654767		Brain_Cerebellum	
	0.794514732		Brain_Hypothalamus	4.363738895		0.012246922			
	0.412834888	-1.129576385	0.260452525			-0.597346184		0.462749096	
	3	0	0.998207054						
CEP135	ENSG00000174799.10		0.73650896	3	3	0.302779314		Brain_Cortex	
	0.848515971		Brain_Caudate_basal_ganglia	1.519229534		0.467250186			
	0.467250186	-1.030491557	0.191012282			-0.393866851		0.612393754	

	3	0	0.998207054						
YDJC	ENSG00000161179.13	0.736584389	2	2	0.462351434				
	Brain_Hippocampus	0.798003259			Brain_Frontal_Cortex_BA9	1.014961423			
	0.985038577	0.985038577	-0.734980395		0.255932111	-0.239524142			
	0.700680952	2	0	0.998207054					
NAB1	ENSG00000138386.16	0.736654056	2	2	0.453678217			Brain_Cortex	
	0.72195683	Brain_Cerebellum	1.690415256		0.309584744	0.309584744			
	-0.749296998	-0.355844756	-0.552570877		0.278212749	2	0		
	0.998207054								
ACVR2B	ENSG00000114739.13	0.736953714	2	2	0.586260087				
	Brain_Cerebellum	0.801316285			Brain_Cerebellar_Hemisphere	1.903589753			
	0.096410247	0.096410247	0.251643949		0.544263607	0.397953778			
	0.206913344	2	0	0.998207054					
KCNK15	ENSG00000124249.6	0.736999913	2	2	0.458786791				
	Brain_Frontal_Cortex_BA9	0.765847005			Brain_Caudate_basal_ganglia				
	1.068071859	0.931928141	0.931928141		0.297811542	0.740846048			
	0.519328795	0.313272704	2	0	0.998207054				
RNF26	ENSG00000173456.4	0.737074084	5	5	0.234053304				
	Brain_Hippocampus	0.858533085			Brain_Cerebellar_Hemisphere	2.20877397			
	0.145646619	0.145646619	0.178241799		1.189982414	0.847055427			
	0.400094212	5	0	0.998207054					
CARMIL3	ENSG00000186648.14	0.737085127	1	1	0.737085127				
	Brain_Cerebellum	0.737085127	Brain_Cerebellum	1	1	1	0.335715884		
	0.335715884	0.335715884	NA	1	0	0.998207054			
ANK1	ENSG00000029534.19	0.73714589	3	3	0.323782814			Brain_Amygdala	
	0.728625863	Brain_Cerebellar_Hemisphere	1.764232769		0.299821029				
	0.299821029	-0.986714103	0.596198672		-0.01452047	0.851117541			
	3	0	0.998207054						
RP11-72L22.1	ENSG00000249061.1	0.737157913	2	2	0.453228873				
	Brain_Substantia_nigra	0.603537052			Brain_Spinal_cord_cervical_c-1				
	1.430561618	0.569438382	0.569438382		-0.750042891	-0.519320799			
	-0.634681845	0.163145156	2	0	0.998207054				
FAM134A	ENSG00000144567.10	0.737265611	4	2	0.441604106				
	Brain_Cortex	0.659510414			Brain_Spinal_cord_cervical_c-1	3.592208305			
	0.020693366	0.344485335	-0.769487257		-0.440589212	-0.577158017			
	0.163889067	2	0	0.998207054					
ZNF502	ENSG00000196653.11	0.737269228	11	10	0.121985485				
	Brain_Cortex	0.974468547			Brain_Caudate_basal_ganglia	4.354112572			
	0.14109849	0.164323907	-0.425524812		1.546493269	0.117651222			
	0.616605091	10	0	0.998207054					
ZSCAN9	ENSG00000137185.11	0.737288954	8	8	0.132432696				
	Brain_Nucleus_accumbens_basal_ganglia	0.748895606			Brain_Hippocampus				
	4.151445187	0.174961668	0.174961668		0.320095936	1.504577649			
	0.930028154	0.389957633	8	0	0.998207054				
ZBED6CL	ENSG00000188707.5	0.737400346	11	2	0.321606574				
	Brain_Frontal_Cortex_BA9	0.910859837			Brain_Nucleus_accumbens_basal_ganglia				
	9.648675537	4.00E-05	1.01379953		-0.352682144	0.991161813			
	0.598742607	0.39884258	2	0	0.998207054				
RFX2	ENSG00000087903.12	0.7374133	2	2	0.511554468				
	Brain_Nucleus_accumbens_basal_ganglia	0.662953221			Brain_Caudate_basal_ganglia				
	1.020783001	0.979216999	0.979216999		-0.435839447	0.656419156			
	0.110289855	0.772343465	2	0	0.998207054				
CRK	ENSG00000167193.7	0.737551972	1	1	0.737551972			Brain_Cortex	
	0.737551972	Brain_Cortex	1	1	1	-0.335096925		-0.335096925	
	-0.335096925	NA	1	0	0.998207054				
PHYH	ENSG00000107537.13	0.737565954	2	2	0.436041475			Brain_Cerebellum	
	0.675296214	Brain_Cerebellar_Hemisphere	1.486119006		0.513880994				
	0.513880994	-0.778895161	-0.418890427		-0.598892794	0.254561789			
	2	0	0.998207054						
ISM2	ENSG00000100593.17	0.737733352	3	3	0.432598847				
	Brain_Caudate_basal_ganglia	0.744757338			Brain_Cortex	2.038273859			
	0.317955162	0.317955162	-0.325559924		0.78475224	0.372639279			

	0.607932791	3	0	0.998207054					
MUC15	ENSG00000169550.12		0.737841073	1	1	0.737841073			
	Brain_Putamen_basal_ganglia	0.737841073				Brain_Putamen_basal_ganglia	1	1	
	1	-0.334713691	-0.334713691	-0.334713691	NA	1	0		
	0.998207054								
PRMT8	ENSG00000111218.11		0.73785035	2	2	0.451580399			
	Brain_Anterior_cingulate_cortex_BA24	0.702493261				Brain_Cerebellum			
	1.245547601	0.754452399	0.754452399	0.381956999		0.752782875			
	0.567369937	0.262213491	2	0	0.998207054				
KDM3B	ENSG00000120733.13		0.737856739	2	2	0.588045119			
	Brain_Caudate_basal_ganglia	0.631495339				Brain_Cortex	1.139861902		
	0.860138098	0.860138098	-0.541671075	0.479623211		-0.031023932			
	0.722164115	2	0	0.998207054					
CCDC159	ENSG00000183401.11		0.737867998	3	2	0.443363044			
	Brain_Anterior_cingulate_cortex_BA24	0.956562598				Brain_Cerebellar_Hemisphere			
	2.113583044	5.57E-32	0.886416956	0.05446763	0.766526577				
	0.291820612	0.411107425	2	0	0.998207054				
CCL3	ENSG00000277632.1		0.737932246	1	1	0.737932246			
	Brain_Putamen_basal_ganglia	0.737932246				Brain_Putamen_basal_ganglia	1	1	
	1	-0.334592841	-0.334592841	-0.334592841	NA	1	0		
	0.998207054								
CFAP36	ENSG00000163001.11		0.738082279	1	1	0.738082279			
	Brain_Cerebellum	0.738082279				Brain_Cerebellum	1	1	0.334393983
	0.334393983	0.334393983	NA	1	0	0.998207054			
IVNS1ABP	ENSG00000116679.15		0.738235023	1	1	0.738235023			
	Brain_Putamen_basal_ganglia	0.738235023				Brain_Putamen_basal_ganglia	1	1	
	1	-0.334191546	-0.334191546	-0.334191546	NA	1	0		
	0.998207054								
MIA3	ENSG00000154305.16		0.738300772	3	3	0.447386645			
	Brain_Substantia_nigra	0.825610804				Brain_Caudate_basal_ganglia			
	1.733759482	0.266360137	0.266360137	-0.366508675	0.759779088				
	0.204534907	0.563310081	3	0	0.998207054				
SORCS1	ENSG00000108018.15		0.738329824	1	1	0.738329824			
	Brain_Nucleus_accumbens_basal_ganglia	0.738329824							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.334065909				
	-0.334065909	-0.334065909	NA	1	0	0.998207054			
ZNF747	ENSG00000169955.7		0.7383375	2	2	0.600470475			
	Brain_Substantia_nigra	0.6393137				Brain_Cerebellum	1.186675685		
	0.813324315	0.813324315	-0.523724065	0.468658578		-0.027532744			
	0.701720496	2	0	0.998207054					
ZNF804A	ENSG00000170396.7		0.738340333	1	1	0.738340333			
	Brain_Anterior_cingulate_cortex_BA24	0.738340333							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.334051983				
	0.334051983	0.334051983	NA	1	0	0.998207054			
TNFRSF13C	ENSG00000159958.6		0.738416003	4	3	0.723384965			
	Brain_Cerebellum	0.973442119				Brain_Cerebellar_Hemisphere	3.538823861		
	0.046161522	0.166985891	-0.283855424	0.353938511		-0.031492792			
	0.291882964	3	0	0.998207054					
DERL3	ENSG00000099958.14		0.738446762	5	3	0.28515336			
	Brain_Cerebellum								
	0.746351125	Brain_Hippocampus	3.719945307	7.50E-17	0.166853689				
	-1.068814287	-0.323454415	-0.765998881	0.275575167	3	0			
	0.998207054								
LSM14A	ENSG00000257103.8		0.738571129	1	1	0.738571129			
	Brain_Putamen_basal_ganglia	0.738571129				Brain_Putamen_basal_ganglia	1	1	
	1	-0.33374614	-0.33374614	-0.33374614	NA	1	0		
	0.998207054								
RUFY4	ENSG00000188282.12		0.738607243	2	2	0.438445544			
	Brain_Cerebellum								
	0.673071881	Brain_Anterior_cingulate_cortex_BA24	1.458493196						
	0.541506804	0.541506804	0.421935797	0.774820822		0.598378309			
	0.249527394	2	0	0.998207054					
LOXL2	ENSG00000134013.15		0.738635922	4	4	0.237111616			
	Brain_Putamen_basal_ganglia	0.769887071				Brain_Spinal_cord_cervical_c-1			

	1.097228978	0.902154838	0.902154838	-1.182237148	0.292799366				
	-0.297273502	0.722536104	4	0	0.998207054				
NUDT12	ENSG00000112874.9	0.738892246	9	9	0.050766801				
	Brain_Frontal_Cortex_BA9	0.817154545			Brain_Anterior_cingulate_cortex_BA24				
	1.967354532	0.245700522	0.245700522	-1.953445737	1.339907831				
	-0.060059931	1.03014095	9	0	0.998207054				
SPATA1	ENSG00000122432.17	0.738949234	5	4	0.441649814				
	Brain_Anterior_cingulate_cortex_BA24	0.940468683			Brain_Caudate_basal_ganglia				
	3.936203928	0.027521871	0.176313389	-0.769410237	0.116141135				
	-0.322833889	0.379687014	4	0	0.998207054				
LINC00336	ENSG00000197251.3	0.738961617	9	7	0.169138139				
	Brain_Nucleus_accumbens_basal_ganglia	0.880732616			Brain_Substantia_nigra				
	4.76869358	0.025989551	0.301260082	-0.456455975	1.374978409				
	0.382987837	0.639285866	7	0	0.998207054				
RP11-395I14.2	ENSG00000253476.1	0.73906745	1	1	0.73906745	Brain_Cerebellum			
	0.73906745	Brain_Cerebellum1	1	1	0.33308854	0.33308854	0.33308854	NA	
	1	0	0.998207054						
BAALC	ENSG00000164929.16	0.739181358	8	6	0.110536525				
	Brain_Caudate_basal_ganglia	0.567860079			Brain_Cortex	5.92240987			
	0.052066397	0.263166598	-1.595786248	-0.571205901	-1.049913935				
	0.373746118	6	0	0.998207054					
SNAI1	ENSG00000124216.3	0.739267311	2	2	0.442210644				
	Brain_Spinal_cord_cervical_c-1	0.894373945			Brain_Cortex	1.020761777			
	0.979238223	0.979238223	-0.768465559	0.132771689	-0.317846935				
	0.637270969	2	0	0.998207054					
CTD-233602.3	ENSG00000282021.1	0.739322037	9	7	0.089090939				
	Brain_Cerebellar_Hemisphere	0.943281443			Brain_Caudate_basal_ganglia				
	5.027511216	0.028878865	0.17334775	-1.70021262	0.783341985				
	-0.254697264	0.651976584	7	0	0.998207054				
BAD	ENSG00000002330.13	0.739368055	1	1	0.739368055				
	Brain_Hypothalamus	0.739368055			Brain_Hypothalamus	1	1	1	
	-0.332690323	-0.332690323	-0.332690323	NA	1	0	0.998207054		
PDCD1LG2	ENSG00000197646.7	0.739383041	9	6	0.083286616				
	Brain_Putamen_basal_ganglia	0.988444366			Brain_Cortex	5.344827945			
	0.024271644	0.241176182	-1.731926689	0.38605392	-0.08524901				
	0.674993843	6	0	0.998207054					
ANKRD46	ENSG00000186106.11	0.739466229	1	1	0.739466229				
	Brain_Spinal_cord_cervical_c-1	0.739466229			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.332560282	0.332560282	0.332560282	NA	1	0
	0.998207054								
MINDY3	ENSG00000148481.13	0.739555083	3	3	0.339004189				
	Brain_Cerebellum	0.971421051			Brain_Frontal_Cortex_BA9	1.256817543			
	0.737711662	0.737711662	-0.323844218	0.956134693	0.222705512				
	0.660135933	3	0	0.998207054					
LINC00857	ENSG00000237523.1	0.73983537	2	2	0.451033828	Brain_Cortex			
	0.865846048	Brain_Spinal_cord_cervical_c-1	1.022599638	0.977400362					
	0.977400362	-0.753692597	-0.168937188	-0.461314893	0.413484515				
	2	0	0.998207054						
CSGALNACT1	ENSG00000147408.14	0.740041169	12	5	0.450384356				
	Brain_Nucleus_accumbens_basal_ganglia	0.99727593			Brain_Frontal_Cortex_BA9				
	9.404120563	0.00336803	0.363607858	-0.59542494	0.754774401				
	0.269862715	0.440566062	5	0	0.998207054				
SH3BP2	ENSG00000087266.15	0.74004736	2	2	0.437963369	Brain_Amygdala			
	0.974345942	Brain_Substantia_nigra	1.013527473	0.986472527					
	0.986472527	-0.775636964	-0.032158135	-0.40389755	0.525718922				
	2	0	0.998207054						
ZNF771	ENSG00000179965.11	0.740231374	1	1	0.740231374				
	Brain_Cortex	0.740231374			Brain_Cortex	1	1	1	-0.331546962
	-0.331546962	-0.331546962	NA	1	0	0.998207054			
CTSF	ENSG00000174080.10	0.740252218	10	3	0.168793403	Brain_Cortex			
	0.882391064	Brain_Hippocampus	8.157868898	0.007426255					
	0.361084854	-1.37609119	-0.147938804	-0.72963813	0.366529915				

3 0 0.998207054
NEIL2 ENSG00000154328.15 0.7402902 9 9 0.11643083 Brain_Putamen_basal_ganglia
0.921844655 Brain_Spinal_cord_cervical_c-1 1.909622311 0.3049739
0.3049739 -1.479644999 1.569932439 -0.160157613 0.861465314 9
0 0.998207054
PWRN3 ENSG00000260760.1 0.740359709 4 3 0.284797151
Brain_Putamen_basal_ganglia 0.926440042 Brain_Hypothalamus 2.480539785
0.044846532 0.434722941 -1.069604983 -0.092324728 -0.599683687
0.432937653 3 0 0.998207054
RP11-255H23.4 ENSG00000267924.1 0.740382666 1 1 0.740382666
Brain_Hippocampus 0.740382666 Brain_Hippocampus 1 1 1
0.331346639 0.331346639 0.331346639 NA 1 0 0.998207054
SLFN12L ENSG00000205045.8 0.740416289 1 1 0.740416289
Brain_Cortex 0.740416289 Brain_Cortex 1 1 1 0.331302121
0.331302121 0.331302121 NA 1 0 0.998207054
PSMD9 ENSG00000110801.13 0.74062402 1 1 0.74062402 Brain_Cerebellar_Hemisphere
0.74062402 Brain_Cerebellar_Hemisphere 1 1 1 0.331027094
0.331027094 0.331027094 NA 1 0 0.998207054
MTO1 ENSG00000135297.15 0.740651994 1 1 0.740651994 Brain_Cortex
0.740651994 Brain_Cortex 1 1 1 -0.330990059 -0.330990059
-0.330990059 NA 1 0 0.998207054
SNX7 ENSG00000162627.16 0.74068374 1 1 0.74068374 Brain_Cerebellum 0.74068374
Brain_Cerebellum 1 1 1 0.330948032 0.330948032 0.330948032
NA 1 0 0.998207054
CLEC2D ENSG00000069493.14 0.740796486 1 1 0.740796486
Brain_Caudate_basal_ganglia 0.740796486 Brain_Caudate_basal_ganglia 1 1
1 -0.330798776 -0.330798776 -0.330798776 NA 1 0
0.998207054
CTXN3 ENSG00000205279.8 0.740884631 1 1 0.740884631
Brain_Caudate_basal_ganglia 0.740884631 Brain_Caudate_basal_ganglia 1 1
1 0.330682091 0.330682091 0.330682091 NA 1 0
0.998207054
PCDHA13 ENSG00000239389.7 0.740886915 11 2 0.485126003
Brain_Amygdala 0.931702475 Brain_Nucleus_accumbens_basal_ganglia
9.513705332 0.000476182 0.66696829 -0.698081857 0.393329378
0.100040595 0.313805472 2 0 0.998207054
NIPAL4 ENSG00000172548.14 0.74091656 1 1 0.74091656 Brain_Cerebellum
0.74091656 Brain_Cerebellum 1 1 1 -0.330639826 -0.330639826
-0.330639826 NA 1 0 0.998207054
SUSD1 ENSG00000106868.16 0.741023496 10 3 0.27577645
Brain_Nucleus_accumbens_basal_ganglia 0.964396682 Brain_Substantia_nigra
7.315339836 0.024875065 0.485285118 -1.089856298 -0.04463696
-0.640999118 0.35839645 3 0 0.998207054
CT62 ENSG00000225362.8 0.741120609 1 1 0.741120609 Brain_Cerebellum
0.741120609 Brain_Cerebellum 1 1 1 0.330369732 0.330369732
0.330369732 NA 1 0 0.998207054
RP11-105N14.1 ENSG00000270659.1 0.7411542 6 5 0.381540605
Brain_Caudate_basal_ganglia 0.941665952 Brain_Frontal_Cortex_BA9
3.539556709 0.065760865 0.195112581 -0.676733787 0.875061204
0.348420637 0.567547637 5 0 0.998207054
ADAM22 ENSG00000008277.14 0.741227402 2 2 0.440174302
Brain_Cerebellum 0.851266303 Brain_Nucleus_accumbens_basal_ganglia
1.172229499 0.827770501 0.827770501 -0.771898911 0.18750296
-0.292197975 0.678399569 2 0 0.998207054
EBLN3P ENSG00000281649.1 0.741253332 3 3 0.53718528
Brain_Putamen_basal_ganglia 0.746470447 Brain_Cerebellum 1.555062081
0.442965907 0.442965907 -0.32329684 0.617074966 0.227570382
0.490513209 3 0 0.998207054
SETD5 ENSG00000168137.15 0.741255046 1 1 0.741255046 Brain_Cortex
0.741255046 Brain_Cortex 1 1 1 0.330191795 0.330191795
0.330191795 NA 1 0 0.998207054
LINC00671 ENSG00000213373.7 0.741505776 2 2 0.439985041

	Brain_Anterior_cingulate_cortex_BA24	0.989913938		Brain_Substantia_nigra			
	1.038883135	0.961116865	0.961116865	-0.772218475	0.012641341		
	-0.379788567	0.554979698	2	0	0.998207054		
TXNRD3	ENSG00000197763.14	0.741670796	3	3	0.619430948		
	Brain_Caudate_basal_ganglia	0.658321501		Brain_Frontal_Cortex_BA9			
	1.698912854	0.373928777	0.373928777	-0.442231766	0.496657003		
	0.169376842	0.530103791	3	0	0.998207054		
UBE2I	ENSG00000103275.19	0.741752897	4	4	0.272095552		
	Brain_Hypothalamus	0.600049175		Brain_Amygdala	1.769232142		
	0.505557437	0.505557437	0.524329798	1.098249512	0.891957803		
	0.263140558	4	0	0.998207054			
SBK2	ENSG00000187550.8	0.741867663	2	2	0.47898376		
	Brain_Cerebellar_Hemisphere	0.693661934		Brain_Cerebellum	1.811892389		
	0.188107611	0.188107611	-0.707938	-0.393890433	-0.550914217		
	0.222065164	2	0	0.998207054			
CCT7	ENSG00000135624.15	0.742135281	3	2	0.444583168		
	Brain_Nucleus_accumbens_basal_ganglia	0.85688163		Brain_Hypothalamus			
	2.005016822	0.000205971	0.994777207	-0.764476781	0.180345128		
	-0.445993797	0.542451445	2	0	0.998207054		
EIF4ENIF1	ENSG00000184708.17	0.742280714	1	1	0.742280714		
	Brain_Hippocampus	0.742280714		Brain_Hippocampus	1	1	1
	-0.328834594	-0.328834594	-0.328834594	NA	1	0	0.998207054
AOC3	ENSG00000131471.6	0.742287935	1	1	0.742287935		
	Brain_Cerebellar_Hemisphere	0.742287935		Brain_Cerebellar_Hemisphere	1	1	
	1	0.328825041	0.328825041	0.328825041	NA	1	0
	0.998207054						
PSMB5	ENSG00000100804.18	0.742306436	7	6	0.092955881		Brain_Cerebellum
	0.429949512	Brain_Cerebellar_Hemisphere	3.974319652	0.080031038			
	0.142983227	0.789278051	1.680007372	1.246357721	0.353680849		
	6	0	0.998207054				
RP11-93H24.3	ENSG00000273723.1	0.742314492	1	1	0.742314492		
	Brain_Cerebellum	0.742314492		Brain_Cerebellum	1	1	1
	-0.328789908	-0.328789908	NA	1	0	0.998207054	
ASB5	ENSG00000164122.8	0.742345237	13	3	0.223029714		
	Brain_Hypothalamus	0.804310102		Brain_Hippocampus	11.28589086		
	0.005937204	0.427159633	0.247772928	1.218511351	0.706836631		
	0.240785181	3	0	0.998207054			
ATP13A4	ENSG00000127249.14	0.7424479	6	6	0.263511795		
	Brain_Cerebellar_Hemisphere	0.885715111		Brain_Caudate_basal_ganglia	3.36363313		
	0.193382644	0.193382644	-0.253288478	1.118129251	0.283120451		
	0.510607224	6	0	0.998207054			
RP13-554M15.8	ENSG00000277186.1	0.742493893	5	5	0.205797166		
	Brain_Anterior_cingulate_cortex_BA24	0.988125192		Brain_Cerebellum			
	2.002988987	0.418497589	0.418497589	-1.265206911	0.897711548		
	-0.127738702	0.788089273	5	0	0.998207054		
CWC22	ENSG00000163510.13	0.742502529	1	1	0.742502529		
	Brain_Substantia_nigra	0.742502529		Brain_Substantia_nigra	1	1	
	1	-0.32854116	-0.32854116	-0.32854116	NA	1	0
	0.998207054						
MRPL9	ENSG00000143436.10	0.742513559	1	1	0.742513559		Brain_Cortex
	0.742513559	Brain_Cortex	1	1	1	-0.328526568	-0.328526568
	-0.328526568	NA	1	0	0.998207054		
REEP4	ENSG00000168476.11	0.742585243	3	3	0.274302306		
	Brain_Caudate_basal_ganglia	0.926729117		Brain_Hippocampus	1.403072519		
	0.635741374	0.635741374	-0.091960885	1.093208409	0.442581487		
	0.601051812	3	0	0.998207054			
SFTPC	ENSG00000168484.12	0.742620098	3	3	0.282778904		
	Brain_Frontal_Cortex_BA9	0.998630366		Brain_Substantia_nigra	1.08362003		
	0.90793585	0.90793585	-1.07409768	0.225187171	-0.282397975	0.69467697	
	3	0	0.998207054				
COL9A2	ENSG00000049089.13	0.74264428	1	1	0.74264428		
	Brain_Nucleus_accumbens_basal_ganglia	0.74264428					

	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.328353655	
	0.328353655	0.328353655	NA	1	0	0.998207054
AVEN	ENSG00000169857.7	0.742647468	9	4	0.226788361	Brain_Amygdala
	0.894018297	Brain_Hippocampus	6.685950796		0.015481986	
	0.279447005	-0.26958914	1.208673357		0.722576295	0.494293889
	4	0	0.998207054			
RP11-419I17.1	ENSG00000283674.1	0.742718944	6	6	0.283389538	
	Brain_Cerebellar_Hemisphere	0.86788344	Brain_Cerebellum	1.673350683		
	0.445739177	-0.445739177	-0.800860878		1.0727361	0.304407358
	0.706366857	6	0	0.998207054		
RP1-78O14.1	ENSG00000257894.2	0.742747292	1	1	0.742747292	
	Brain_Cortex	0.742747292	Brain_Cortex	1	1	1
	-0.3282174	-0.3282174	NA	1	0	-0.998207054
USP46	ENSG00000109189.12	0.742768985	2	2	0.580868896	Brain_Cerebellum
	0.806749329	Brain_Cerebellar_Hemisphere	1.889214163		0.110785837	
	0.110785837	-0.552115977	-0.244621741		-0.398368859	0.21743126
	0	0.998207054				2
LINC00910	ENSG00000188825.13	0.742794084	1	1	0.742794084	
	Brain_Cerebellum	0.742794084	Brain_Cerebellum	1	1	1
	0.328155511	0.328155511	NA	1	0	0.998207054
ROPN1L	ENSG00000145491.11	0.742795832	1	1	0.742795832	
	Brain_Substantia_nigra	0.742795832	Brain_Substantia_nigra	1	1	
	1	-0.328153199	-0.328153199	-0.328153199	NA	1
	0.998207054					0
TBL2	ENSG00000106638.15	0.742946994	9	9	0.15038178	Brain_Hypothalamus
	0.691888265	Brain_Putamen_basal_ganglia	1.941508524		0.144451122	
	0.144451122	-0.972088478	1.438184261		-0.353748004	0.791245712
	9	0	0.998207054			
MSH3	ENSG00000113318.9	0.742989736	10	6	0.359331915	Brain_Cerebellum
	0.970768073	Brain_Hypothalamus	5.811979817		0.003944719	
	0.207708609	-0.350925989	0.916638859		0.293377913	0.418113833
	6	0	0.998207054			
RNF183	ENSG00000165188.13	0.743013501	1	1	0.743013501	
	Brain_Cortex	0.743013501	Brain_Cortex	1	1	1
	0.327865314	0.327865314	NA	1	0	0.998207054
MMP24	ENSG00000125966.9	0.743049682	1	1	0.743049682	Brain_Cerebellum
	0.743049682	Brain_Cerebellum	1	1	0.327817464	0.327817464
	0.327817464	NA	1	0	0.998207054	
MSMO1	ENSG00000052802.12	0.743368352	2	2	0.632405847	
	Brain_Cerebellar_Hemisphere	0.686288468	Brain_Putamen_basal_ganglia			
	1.341567762	0.658432238	0.658432238		-0.403896992	0.47834335
	0.037223179	0.623838129	2	0	0.998207054	
TSPYL4	ENSG00000187189.10	0.743630657	1	1	0.743630657	
	Brain_Cerebellum	0.743630657	Brain_Cerebellum	1	1	1
	-0.327049222	-0.327049222	NA	1	0	0.998207054
TTC4	ENSG00000243725.6	0.743696162	8	3	0.289316796	
	Brain_Frontal_Cortex_BA9	0.985906817	Brain_Cortex	6.240850464		
	0.004205886	0.621342401	-1.059621571		0.285589667	-0.481807146
	0.444441172	3	0	0.998207054		
VSIG10	ENSG00000176834.13	0.743757214	5	5	0.237400327	
	Brain_Cerebellar_Hemisphere	0.961525099	Brain_Cortex	1.842386481		
	0.164438267	0.164438267	-1.181509638		0.04823984	-0.751502884
	0.48628163	5	0	0.998207054		
SNX32	ENSG00000172803.17	0.74376312	13	2	0.400063753	
	Brain_Anterior_cingulate_cortex_BA24	0.818523349				
	Brain_Nucleus_accumbens_basal_ganglia	11.92980002	7.69E-06	0.607587785		
	0.229444633	0.841507378	0.610878624		0.209863595	2
	0.998207054					0
XXbac-BPG308K3.5	ENSG00000225173.1	0.743835766	1	1	0.743835766	
	Brain_Anterior_cingulate_cortex_BA24	0.743835766				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.326778045	
	0.326778045	0.326778045	NA	1	0	0.998207054

CLPSL1	ENSG00000204140.9	0.743917517	4	4	0.323065077	
	Brain_Frontal_Cortex_BA9	0.55110189	Brain_Anterior_cingulate_cortex_BA24			
	1.53998761	0.40185809	0.40185809	-0.607164838	0.988178824	0.40263644
	0.696001056	4	0	0.998207054		
RP11-108O10.2	ENSG00000254990.5	0.743983523	3	3	0.360197173	
	Brain_Cerebellum0.631932814		Brain_Frontal_Cortex_BA9		1.194467549	
	0.871580112	0.871580112	-0.914989441	-0.479008174	-0.671436165	
	0.222441593	3	0	0.998207054		
DUOX2	ENSG00000140279.12	0.744068247	1	1	0.744068247	Brain_Cerebellum
	0.744068247	Brain_Cerebellum1	1	1	-0.326470709	-0.326470709
	-0.326470709	NA	1	0	0.998207054	
KCNK5	ENSG00000164626.8	0.744069184	2	2	0.442023475	
	Brain_Substantia_nigra	0.97544812	Brain_Frontal_Cortex_BA9		1.020801594	
	0.979198406	0.979198406	-0.768780756	0.030776076	-0.36900234	
	0.565372058	2	0	0.998207054		
ZNF557	ENSG00000130544.11	0.744094219	1	1	0.744094219	
	Brain_Spinal_cord_cervical_c-1	0.744094219	Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.326436377	-0.326436377	NA
	0.998207054					1
SAV1	ENSG00000151748.14	0.744096268	6	5	0.21849334	Brain_Cortex
	0.763944735	Brain_Caudate_basal_ganglia	3.549661567		0.062388399	
	0.177789966	0.300304717	1.230544324	0.818099882	0.39201707	5
	0	0.998207054				
ZNF639	ENSG00000121864.9	0.744099695	2	2	0.790442297	
	Brain_Cortex	0.955553871	Brain_Hippocampus		1.910852907	
	0.089147093	0.089147093	-0.055733803	0.265736311	0.105001254	
	0.227313697	2	0	0.998207054		
CTC-467M3.3	ENSG00000250377.1	0.744228342	3	3	0.482706211	
	Brain_Frontal_Cortex_BA9	0.910971428	Brain_Anterior_cingulate_cortex_BA24			
	1.883001439	0.393179735	0.393179735	-0.347112692	0.70195663	
	0.155552419	0.525900601	3	0	0.998207054	
MBOAT2	ENSG00000143797.11	0.744258014	2	2	0.448597934	
	Brain_Spinal_cord_cervical_c-1	0.884239177	Brain_Cerebellum		1.02244796	
	0.97755204	0.97755204	-0.757754554	-0.145597455	-0.451676004	
	0.432860435	2	0	0.998207054		
TMEM19	ENSG00000139291.13	0.744327133	1	1	0.744327133	
	Brain_Cerebellum	0.744327133	Brain_Cerebellum		1	1
	0.326128502	0.326128502	NA	1	0	0.998207054
RWDD1	ENSG00000111832.12	0.744333467	1	1	0.744333467	
	Brain_Spinal_cord_cervical_c-1	0.744333467	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.32612013	0.32612013	0.32612013
	0.32612013	0.32612013	0.32612013	NA	1	0
	0.998207054					
FBLN1	ENSG00000077942.18	0.744376189	2	2	0.444743425	
	Brain_Nucleus_accumbens_basal_ganglia	0.990435939	Brain_Substantia_nigra			
	1.088618172	0.911381828	0.911381828	0.01198706	0.764207789	
	0.388097425	0.531900379	2	0	0.998207054	
CIT	ENSG00000122966.15	0.744434982	1	1	0.744434982	Brain_Cerebellum
	0.744434982	Brain_Cerebellum	1	1	1	0.325985954
	0.325985954	NA	1	0	0.998207054	
PHB	ENSG00000167085.11	0.74444067	2	2	0.537371681	
	Brain_Anterior_cingulate_cortex_BA24	0.648508389	Brain_Amygdala			
	1.003588664	0.996411336	0.996411336	-0.616792377	0.455835341	
	-0.080478518	0.758462333	2	0	0.998207054	
LRRFIP1	ENSG00000124831.18	0.744444585	1	1	0.744444585	
	Brain_Putamen_basal_ganglia	0.744444585	Brain_Putamen_basal_ganglia		1	1
	1	0.325973262	0.325973262	0.325973262	NA	1
	0.998207054					0
FOXRED2	ENSG00000100350.14	0.744464599	11	2	0.482201629	
	Brain_Anterior_cingulate_cortex_BA24	0.98657361	Brain_Cerebellum		9.780934285	
	0.008399808	0.604488955	-0.322455326	0.702765936	-0.041488453	
	0.27533291	2	0	0.998207054		
MED15	ENSG00000099917.17	0.744480855	3	3	0.367350531	
	Brain_Caudate_basal_ganglia	0.499770853	Brain_Amygdala		1.786762484	

	0.211493991	0.211493991	-0.674850341	0.90144732	0.326756753				
	0.870558367	3	0	0.998207054					
DXO	ENSG00000204348.9	0.744492868	6	6	0.137969453				
	Brain_Hypothalamus	0.824228231		Brain_Putamen_basal_ganglia	2.697782421				
	0.195439452	0.195439452	-1.483395157	-0.222110028	-1.090668856				
	0.472240262	6	0	0.998207054					
CEP68	ENSG00000011523.13	0.744503279	3	3	0.372157825	Brain_Cortex			
	0.660292555	Brain_Cerebellum	1.230826723	0.784570758	0.784570758				
	0.439509286	0.892438721	0.666067887	0.226464776	3	0			
	0.998207054								
PDZRN3	ENSG00000121440.14	0.744532171	1	1	0.744532171				
	Brain_Spinal_cord_cervical_c-1	0.744532171		Brain_Spinal_cord_cervical_c-1					
	1	1	1	0.325857502	0.325857502	0.325857502	NA	1	0
	0.998207054								
KIAA0895L	ENSG00000196123.12	0.744808004	5	3	0.488270888				
	Brain_Frontal_Cortex_BA9	0.92816584	Brain_Anterior_cingulate_cortex_BA24						
	3.857082288	0.068539633	0.365413775	-0.693061611	0.48505638				
	-0.036386076	0.445506579	3	0	0.998207054				
TFEC	ENSG00000105967.15	0.744837841	1	1	0.744837841	Brain_Amygdala			
	0.744837841	Brain_Amygdala	1	1	1	-0.325453538	-0.325453538		
	-0.325453538	NA	1	0	0.998207054				
AGTPBP1	ENSG00000135049.15	0.744866382	2	2	0.443465558				
	Brain_Cerebellum	0.926223368	Brain_Frontal_Cortex_BA9	1.175363037					
	0.824636963	0.824636963	-0.766354231	-0.092597452	-0.429475841				
	0.476417987	2	0	0.998207054					
ZNF597	ENSG00000167981.5	0.744943575	4	2	0.321023265				
	Brain_Putamen_basal_ganglia	0.60532351	Brain_Cerebellar_Hemisphere	3.526546287					
	0.016333254	0.383753309	0.51676028	0.99235729	0.69095552	0.21505409	2		
	0	0.998207054							
PPP2R3C	ENSG00000092020.10	0.745000209	10	4	0.102176666				
	Brain_Frontal_Cortex_BA9	0.551967502	Brain_Anterior_cingulate_cortex_BA24						
	6.940676687	0.006969068	0.38332375	-1.634391529	-0.594814458				
	-0.917348945	0.324332232	4	0	0.998207054				
WTAP	ENSG00000146457.14	0.745010627	2	2	0.497258885	Brain_Cerebellum			
	0.672607316	Brain_Cerebellar_Hemisphere	1.098147661	0.901852339					
	0.901852339	-0.678809008	-0.422572333	-0.550690671	0.18118669	2			
	0	0.998207054							
CTD-2589M5.5	ENSG00000254639.1	0.745321932	1	1	0.745321932				
	Brain_Frontal_Cortex_BA9	0.745321932	Brain_Frontal_Cortex_BA9	1	1				
	1	0.32481389	0.32481389	0.32481389	NA	1	0	0.998207054	
MEF2C	ENSG00000081189.15	0.745474942	3	2	0.581499983	Brain_Cerebellum			
	0.603456228	Brain_Cerebellar_Hemisphere	1.98893275	0.011930594					
	0.999136656	-0.535676181	0.551195035	0.178318526	0.618541412				
	2	0	0.998207054						
ZNF677	ENSG00000197928.10	0.745607184	2	2	0.499154072				
	Brain_Caudate_basal_ganglia	0.942129353	Brain_Spinal_cord_cervical_c-1						
	1.552682196	0.447317804	0.447317804	0.072593809	0.675821359				
	0.374207584	0.426546291	2	0	0.998207054				
MRGPRD	ENSG00000172938.3	0.745835351	2	2	0.469145266				
	Brain_Cerebellum	0.687538071	Brain_Cerebellar_Hemisphere	1.218573722					
	0.781426278	0.781426278	-0.723870461	-0.40219833	-0.563034396				
	0.227456545	2	0	0.998207054					
RGS19	ENSG00000171700.13	0.745963523	2	2	0.444467513	Brain_Cerebellum			
	0.826380264	Brain_Cerebellar_Hemisphere	1.333561068	0.666438932					
	0.666438932	-0.764670943	-0.219346344	-0.492008644	0.385602722				
	2	0	0.998207054						
CAPN3	ENSG00000092529.23	0.746193665	2	2	0.451741788	Brain_Cerebellum			
	0.543258477	Brain_Cerebellar_Hemisphere	1.891403058	0.108596942					
	0.108596942	0.607892948	0.752514375	0.680203661	0.102262792				
	2	0	0.998207054						
RALGDS	ENSG00000160271.14	0.746232656	2	2	0.512874015				
	Brain_Cerebellum	0.784935734	Brain_Cerebellar_Hemisphere	1.179140147					

	0.820859853	0.820859853	-0.272892654	0.654369134	0.19073824				
	0.655673098	2	0	0.998207054					
CORT	ENSG00000241563.3	0.746237827	1	1	0.746237827				
	Brain_Caudate_basal_ganglia	0.746237827			Brain_Caudate_basal_ganglia	1	1		
	1	-0.323604042	-0.323604042	-0.323604042	NA	1	0		
	0.998207054								
CA7	ENSG00000168748.13	0.746238184	1	1	0.746238184				
	Brain_Caudate_basal_ganglia	0.746238184			Brain_Caudate_basal_ganglia	1	1		
	1	0.32360357	0.32360357	0.32360357	NA	1	0	0.998207054	
HSPA1L	ENSG00000204390.9	0.746377613	3	3	0.31089356	Brain_Cerebellum			
	0.632757853	Brain_Cerebellar_Hemisphere	2.001242917		0.391349769				
	0.391349769	-1.013348854	-0.47784876		-0.738142241	0.268061353			
	3	0	0.998207054						
NPLOC4	ENSG00000182446.13	0.746403	8	6	0.106421212				
	Brain_Nucleus_accumbens_basal_ganglia	0.955572743			Brain_Putamen_basal_ganglia				
	4.354429865	0.015111134	0.215339741		-1.614489873	0.374059965			
	-0.877407202	0.690612488	6	0	0.998207054				
ZNF627	ENSG00000198551.9	0.746420681	4	1	0.680469564				
	Brain_Putamen_basal_ganglia	0.814830556			Brain_Frontal_Cortex_BA9				
	3.856152916	0.006558669	3.856152916		0.234198916	0.411822452			
	0.318304342	0.075559392	1	0	0.998207054				
AMOTL1	ENSG00000166025.17	0.746463286	1	1	0.746463286				
	Brain_Amygdala	0.746463286	Brain_Amygdala	1	1	1	0.323306296		
	0.323306296	0.323306296	NA	1	0	0.998207054			
ACSM1	ENSG00000166743.9	0.746603663	7	4	0.379862156				
	Brain_Hippocampus	0.961310694	Brain_Frontal_Cortex_BA9	4.838756938					
	0.024030453	0.236031045	-0.878150307		0.597995097	-0.118666863			
	0.531028093	4	0	0.998207054					
GTF2H3	ENSG00000111358.13	0.746632204	4	4	0.307795718				
	Brain_Anterior_cingulate_cortex_BA24	0.925694317			Brain_Hypothalamus				
	2.024688075	0.274030295	0.274030295		-1.019858196	0.484544777			
	-0.318871904	0.65710701	4	0	0.998207054				
RP1-45I4.3	ENSG00000227192.1	0.746760505	1	1	0.746760505				
	Brain_Spinal_cord_cervical_c-1	0.746760505			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.322913826	-0.322913826	-0.322913826	NA	1	0
	0.998207054								
MRGBP	ENSG00000101189.6	0.74678937	2	2	0.45568681	Brain_Hypothalamus			
	0.877116169	Brain_Cerebellar_Hemisphere	1.014899804		0.985100196				
	0.985100196	-0.154626003	0.745967894		0.295670945	0.636816052			
	2	0	0.998207054						
LINC02217	ENSG00000248455.5	0.746832961	6	6	0.26887263				
	Brain_Frontal_Cortex_BA9	0.901071689			Brain_Caudate_basal_ganglia				
	1.284321756	0.819518944	0.819518944		-0.718404574	1.105662492			
	0.439897512	0.674857449	6	0	0.998207054				
DISP1	ENSG00000154309.8	0.747168772	1	1	0.747168772	Brain_Cerebellum			
	0.747168772	Brain_Cerebellum	1	1	1	-0.322374801	-0.322374801		
	-0.322374801	NA	1	0	0.998207054				
SLC28A1	ENSG00000156222.11	0.747180591	1	1	0.747180591				
	Brain_Spinal_cord_cervical_c-1	0.747180591			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.322359198	-0.322359198	-0.322359198	NA	1	0
	0.998207054								
PRR31	ENSG00000198454.2	0.747258369	1	1	0.747258369				
	Brain_Hypothalamus	0.747258369	Brain_Hypothalamus	1	1	1			
	0.322256521	0.322256521	0.322256521		NA	1	0	0.998207054	
ZNF12	ENSG00000164631.18	0.747439303	2	2	0.59738789	Brain_Cerebellum			
	0.670248489	Brain_Cerebellar_Hemisphere	1.212598737		0.787401263				
	0.787401263	-0.528160576	0.425806996		-0.05117679	0.674556939			
	2	0	0.998207054						
RELL2	ENSG00000164620.8	0.747524997	4	4	0.367652242				
	Brain_Nucleus_accumbens_basal_ganglia	0.819683418			Brain_Cerebellum				
	1.957404284	0.260648836	0.260648836		-0.801975434	0.900879783			
	0.107569785	0.768824384	4	0	0.998207054				

DCAF16	ENSG00000163257.10	0.747819907	2	2	0.490042214			
	Brain_Cerebellum	0.679957196				Brain_Spinal_cord_cervical_c-1	1.132906708	
	0.867093292	0.867093292				-0.690241684	-0.41252154	-0.551381612
	0.196377797	2	0	0.998207054				
AKAP7	ENSG00000118507.15	0.747854065	4	4	0.4801327	Brain_Cortex		
	0.921426288	Brain_Cerebellum	2.864019026			0.110635219	0.110635219	
	-0.706089148	0.174485497	-0.240333751			0.442292709	4	0
	0.998207054							
NOX4	ENSG00000086991.12	0.747890017	3	3	0.309232072			
	Brain_Hippocampus	0.939565237				Brain_Spinal_cord_cervical_c-1		
	1.656718594	0.421666119	0.421666119			0.075816313	1.016834699	
	0.668885512	0.516179974	3	0	0.998207054			
PTGES2	ENSG00000148334.14	0.747907314	3	3	0.380747923			
	Brain_Spinal_cord_cervical_c-1	0.817265499				Brain_Caudate_basal_ganglia		
	1.122525283	0.913255215	0.913255215			0.231063463	0.876519054	
	0.605213168	0.334792276	3	0	0.998207054			
GRAMD1A	ENSG00000089351.14	0.747911811	7	2	0.332284713			
	Brain_Nucleus_accumbens_basal_ganglia	0.998985949				Brain_Hypothalamus		
	6.182230865	0.013269116	0.312063366			-0.969522193	-0.001270924	
	-0.361658974	0.307562852	2	0	0.998207054			
SLC35A5	ENSG00000138459.8	0.74792396	1	1	0.74792396			
	Brain_Frontal_Cortex_BA9	0.74792396	Brain_Frontal_Cortex_BA9	1	1	1		
	-0.32137799	-0.32137799	-0.32137799	NA	1	0	0.998207054	
RP11-300A12.2	ENSG00000259814.1	0.747948456	1	1	0.747948456			
	Brain_Frontal_Cortex_BA9	0.747948456	Brain_Frontal_Cortex_BA9	1	1			
	1	-0.321345662	-0.321345662	-0.321345662	NA	1	0	
	0.998207054							
LINC02172	ENSG00000251632.1	0.747964139	8	8	0.222399035			
	Brain_Cerebellum	0.918162827	Brain_Substantia_nigra	3.695044213				
	0.153553161	0.153553161	-1.220173698	0.578882705			-0.242482025	
	0.739188057	8	0	0.998207054				
DCTN4	ENSG00000132912.12	0.748019792	1	1	0.748019792	Brain_Cortex		
	0.748019792	Brain_Cortex	1	1	1	0.32125152	0.32125152	0.32125152
	NA	1	0	0.998207054				
RTP5	ENSG00000188011.5	0.748032084	1	1	0.748032084	Brain_Cerebellum		
	0.748032084	Brain_Cerebellum	1	1	1	0.321235299	0.321235299	
	0.321235299	NA	1	0	0.998207054			
WASIR2	ENSG00000231439.4	0.748087313	13	8	0.235725192			
	Brain_Caudate_basal_ganglia	0.939526861	Brain_Nucleus_accumbens_basal_ganglia					
	7.412088867	0.007596717	0.292074379			-0.807462164	1.185739497	
	0.000672247	0.610131	8	0	0.998207054			
GNRH2	ENSG00000125787.11	0.748099026	3	3	0.45298842			
	Brain_Putamen_basal_ganglia	0.915007223	Brain_Hippocampus	1.347165164				
	0.759118566	0.759118566	-0.658410571	0.750442205			0.06625218	
	0.705297858	3	0	0.998207054				
CATSPER4	ENSG00000188782.8	0.748340868	2	2	0.447735242			
	Brain_Cerebellum	0.905028432	Brain_Cerebellar_Hemisphere	1.232024215				
	0.767975785	0.767975785	0.119311678	0.759196127			0.439253903	
	0.452466634	2	0	0.998207054				
MAP3K2	ENSG00000169967.16	0.748400561	3	3	0.520640775			
	Brain_Cortex	0.778757794	Brain_Frontal_Cortex_BA9	2.11346738				
	0.413801393	0.413801393	-0.642357983	0.280938209			-0.275887251	
	0.490199099	3	0	0.998207054				
IKBKB	ENSG00000104365.13	0.748467546	2	2	0.549262669	Brain_Cerebellum		
	0.701198728	Brain_Cerebellar_Hemisphere	1.929707695	0.070292305				
	0.070292305	-0.598865366	-0.383702812	-0.491284089			0.152142901	
	2	0	0.998207054					
TOMM22	ENSG00000100216.5	0.748488331	2	2	0.462802254			
	Brain_Cerebellar_Hemisphere	0.7750489	Brain_Anterior_cingulate_cortex_BA24					
	1.117738604	0.882261396	0.882261396	-0.285777032			0.73424037	
	0.224231669	0.721261222	2	0	0.998207054			
APOBEC3H	ENSG00000100298.15	0.748550558	2	2	0.459053712			

	Brain_Spinal_cord_cervical_c-1	0.726162943			Brain_Cerebellum1.242190648		
	0.757809352	0.757809352	-0.350234198		0.740405946	0.195085874	
	0.771199042	2	0	0.998207054			
RP11-426C22.4	ENSG00000259807.1	0.748627884		6	6	0.356255617	
	Brain_Nucleus_accumbens_basal_ganglia	0.996152444				Brain_Substantia_nigra	
	2.112612706	0.253760272	0.253760272		-0.918703659	0.922523425	
	-0.170416502	0.631008084		6	0	0.998207054	
RP1-138B7.7	ENSG00000282876.1	0.748659315		3	3	0.304128711	
	Brain_Nucleus_accumbens_basal_ganglia	0.903896023				Brain_Hypothalamus	
	1.737654433	0.533235403	0.533235403		0.120741202	1.027619791	
	0.597315932	0.455206479		3	0	0.998207054	
ADAM33	ENSG00000149451.17	0.748721464		1	1	0.748721464	
	Brain_Cerebellum0.748721464		Brain_Cerebellum1	1	1	-0.320325673	
	-0.320325673	-0.320325673	NA	1	0	0.998207054	
RP11-180P8.1	ENSG00000283538.1	0.748872529		2	2	0.450061508	
	Brain_Hypothalamus	0.818714385				Brain_Frontal_Cortex_BA9	1.188048022
	0.811951978	0.811951978	0.229198826		0.755312488	0.492255657	
	0.372018538	2	0	0.998207054			
MEI1	ENSG00000167077.12	0.748950407		7	4	0.355099925	
	Brain_Hypothalamus	0.92559				Brain_Anterior_cingulate_cortex_BA24	
	4.821372834	0.030644197	0.405719903		-0.924742389	0.862452924	
	-0.277018744	0.600322159		4	0	0.998207054	
FAM71D	ENSG00000172717.15	0.748984531		1	1	0.748984531	
	Brain_Cerebellum0.748984531		Brain_Cerebellum1	1	1	0.319978629	
	0.319978629	0.319978629	NA	1	0	0.998207054	
CIAO1	ENSG00000144021.2	0.749071791		7	3	0.195412766	
	Brain_Caudate_basal_ganglia	0.510105623				Brain_Putamen_basal_ganglia	
	6.033857907	1.37E-07	0.301120665		0.658673237	1.294731801	
	0.956056478	0.207813306		3	0	0.998207054	
GPT	ENSG00000167701.13	0.749352097		2	2	0.51444205	
	Brain_Cerebellar_Hemisphere	0.875935823				Brain_Cerebellum1.326005992	
	0.673994008	0.673994008	-0.651936636		0.156123313	-0.247906662	
	0.571384669	2	0	0.998207054			
PPP1R16A	ENSG00000160972.9	0.749383532		4	4	0.26466686	Brain_Cortex
	0.85009489	Brain_Cerebellar_Hemisphere	1.756163411		0.249442391		
	0.249442391	-0.501080368	1.115428458		0.289432796	0.759885502	
	4	0	0.998207054				
LTBP3	ENSG00000168056.15	0.749421457		1	1	0.749421457	
	Brain_Substantia_nigra	0.749421457				Brain_Substantia_nigra	1
	1	0.319402313	0.319402313	0.319402313	NA	1	0
	0.998207054						
MLLT1	ENSG00000130382.8	0.749700527		2	2	0.579812294	
	Brain_Nucleus_accumbens_basal_ganglia	0.632207275				Brain_Cerebellar_Hemisphere	
	1.071019232	0.928980768	0.928980768		-0.55365892	0.478622407	
	-0.037518257	0.729933127		2	0	0.998207054	
AL121656.5	ENSG00000236854.1	0.749782877		2	2	0.454628069	
	Brain_Caudate_basal_ganglia	0.988202617				Brain_Nucleus_accumbens_basal_ganglia	
	1.151844136	0.848155864	0.848155864		0.014786366	0.747721651	
	0.381254008	0.51826351	2	0	0.998207054		
ITPA	ENSG00000125877.12	0.749880594		13	1	0.583812557	Brain_Amygdala
	0.962904002	Brain_Anterior_cingulate_cortex_BA24	12.30611247		7.52E-05		
	12.30611247	-0.547824292	-0.046509702		-0.309986852	0.144084211	
	1	0	0.998207054				
RTF1	ENSG00000137815.14	0.749923606		2	2	0.51631057	Brain_Cortex
	0.588379021	Brain_Cerebellum1.247400771			0.752599229	0.752599229	
	-0.64904302	-0.54118653	-0.595114775		0.076266055	2	0
	0.998207054						
MON1A	ENSG00000164077.13	0.749945641		1	1	0.749945641	
	Brain_Anterior_cingulate_cortex_BA24	0.749945641					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.318711042		
	0.318711042	0.318711042	NA	1	0	0.998207054	
RANBP10	ENSG00000141084.10	0.749968662		5	1	0.407397672	

	Brain_Cortex	0.800843004		Brain_Cerebellum	4.788605384		0.007555941
	4.788605384	-0.291202386		0.828481846	0.313293474		0.403837675
	1	0	0.998207054				
KRTAP5-9	ENSG00000254997.3	0.750025815	12	5	0.433700843		
	Brain_Cortex	0.991617004		Brain_Anterior_cingulate_cortex_BA24			
	8.443743366	0.013382771		0.319856586	-0.756804452		0.78287445
	-0.022740201	0.553870179	5	0	0.998207054		
MAP3K6	ENSG00000142733.14	0.750034934	2	2	0.555037984		
	Brain_Cerebellum	0.574068823		Brain_Putamen_basal_ganglia	1.154996672		
	0.845003328	0.845003328		0.562069273	0.590227729		0.576148501
	0.019911036	2	0	0.998207054			
APT_X	ENSG00000137074.18	0.750082361	9	4	0.451989074		
	Brain_Spinal_cord_cervical_c-1	0.89021817		Brain_Substantia_nigra			
	6.464620871	0.001856988		0.33370875	-0.485186353		0.752103077
	0.310121942	0.352110963	4	0	0.998207054		
AES	ENSG00000104964.14	0.750123004	1	1	0.750123004		
	Brain_Hippocampus	0.750123004		Brain_Hippocampus	1	1	1
	-0.318477177	-0.318477177		-0.318477177	NA	1	0
							0.998207054
ARFGF2	ENSG00000124198.8	0.750125982	1	1	0.750125982		
	Brain_Cerebellar_Hemisphere	0.750125982		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.318473251	-0.318473251	-0.318473251	NA	1	0
	0.998207054						
TMEM144	ENSG00000164124.10	0.75026553	3	3	0.308901085		Brain_Cerebellum
	0.776725807	Brain_Nucleus_accumbens_basal_ganglia	1.144850496				
	0.845021381	0.845021381	-1.017530596		0.485176067		-0.271980985
	0.751420574	3	0	0.998207054			
ACAP1	ENSG00000072818.11	0.750371099	2	2	0.448592823		Brain_Cerebellum
	0.962302462	Brain_Amygdala	1.045190177		0.954809823		0.954809823
	-0.047264449	0.757763088	0.35524932	0.569240431	2	0	
	0.998207054						
PMPCA	ENSG00000165688.11	0.750382806	1	1	0.750382806		Brain_Cerebellum
	0.750382806	Brain_Cerebellum	1	1	0.318134643		0.318134643
	0.318134643	NA	1	0	0.998207054		
CYP2C8	ENSG00000138115.13	0.750389614	3	2	0.660488509		
	Brain_Nucleus_accumbens_basal_ganglia	0.723555011		Brain_Frontal_Cortex_BA9			
	2.300048573	0.019926091		0.680025336	-0.392131714		0.439238806
	0.133606239	0.457306266	2	0	0.998207054		
DCN	ENSG00000011465.16	0.75041431	1	1	0.75041431		Brain_Hypothalamus
	0.75041431	Brain_Hypothalamus	1	1	1		-0.31809311
	-0.31809311	NA	1	0	0.998207054		-0.31809311
MDH1B	ENSG00000138400.12	0.75049445	11	2	0.314344778		
	Brain_Nucleus_accumbens_basal_ganglia	0.995519268		Brain_Hypothalamus			
	9.687579053	0.005091119		0.40187182	0.005615794		1.006147176
	0.627914655	0.294639643	2	0	0.998207054		
VWF	ENSG00000110799.13	0.750619865	1	1	0.750619865		
	Brain_Spinal_cord_cervical_c-1	0.750619865		Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.317822127	-0.317822127		NA
	0.998207054						1
SIX2	ENSG00000170577.7	0.750628079	3	3	0.27320095		Brain_Cerebellum
	0.914333674	Brain_Spinal_cord_cervical_c-1	1.217695382		0.67001146		
	0.67001146	-0.107573935	1.095720861		0.373876646		0.636648582
	0	0.998207054					3
RARB	ENSG00000077092.18	0.750629708	1	1	0.750629708		
	Brain_Putamen_basal_ganglia	0.750629708		Brain_Putamen_basal_ganglia	1	1	
	1	0.317809152	0.317809152	0.317809152	NA	1	0
	0.998207054						
TMEM25	ENSG00000149582.15	0.750646856	3	2	0.494756404		
	Brain_Cerebellar_Hemisphere	0.833931952		Brain_Cerebellum	2.73709514		
	0.075826297	0.187078563	-0.682763331		-0.209661403		-0.386905439
	0.257892019	2	0	0.998207054			
RAPGEF3	ENSG00000079337.15	0.750755499	13	5	0.475101487		
	Brain_Cerebellar_Hemisphere	0.960334168		Brain_Cerebellum	9.719703931		

	0.001222467	0.339991892	-0.623505415	0.714203283	0.146946689			
	0.39909229 5	0	0.998207054					
GAL	ENSG00000069482.6	0.750760998	4	4	0.485136071	Brain_Cerebellum		
	0.75183368 Brain_Frontal_Cortex_BA9	1.657010011			0.377326602			
	0.377326602	-0.698065758	0.316222435		-0.335437755	0.455508281		
	4	0	0.998207054					
PRPF8	ENSG00000174231.16	0.750828958	1	1	0.750828958			
	Brain_Spinal_cord_cervical_c-1	0.750828958			Brain_Spinal_cord_cervical_c-1			
	1	1	0.317546505	0.317546505	0.317546505	NA	1	0
	0.998207054							
GIGYF1	ENSG00000146830.9	0.750933562	11	3	0.233526871			
	Brain_Putamen_basal_ganglia	0.859196566			Brain_Caudate_basal_ganglia			
	8.794495685	0.012689917	0.581706467		-1.191322841	0.391615563		
	-0.600499307	0.463754527	3	0	0.998207054			
MFSD7	ENSG00000169026.12	0.750949564	11	4	0.158535613	Brain_Cerebellum		
	0.674798492	Brain_Amygdala	8.357836258		2.60E-06	0.397814686		
	0.419571527	1.410013783	0.999501958		0.3284967	4	0	
	0.998207054							
EPHA2	ENSG00000142627.12	0.750961493	1	1	0.750961493	Brain_Cortex		
	0.750961493	Brain_Cortex	1	1	1	-0.317371813	-0.317371813	
	-0.317371813	NA	1	0	0.998207054			
NEDD4L	ENSG00000049759.17	0.750983794	1	1	0.750983794			
	Brain_Hippocampus	0.750983794	Brain_Hippocampus	1	1	1		
	-0.317342419	-0.317342419	-0.317342419	NA	1	0	0.998207054	
WFIKN2	ENSG00000173714.7	0.751060191	2	2	0.450320408			
	Brain_Amygdala	0.933654078	Brain_Cerebellar_Hemisphere	1.041585929				
	0.958414071	0.958414071	0.083248338		0.754880965	0.419064651		
	0.474915985	2	0	0.998207054				
NUP210L	ENSG00000143552.9	0.751172218	2	2	0.481659919			
	Brain_Hypothalamus	0.625160413	Brain_Cerebellar_Hemisphere	1.320415486				
	0.679584514	0.679584514	-0.703635305		-0.488549867	-0.596092586		
	0.152088372	2	0	0.998207054				
MOCS2	ENSG00000164172.18	0.751191089	3	2	0.442736602			
	Brain_Frontal_Cortex_BA9	0.623596459	Brain_Cerebellar_Hemisphere					
	2.808578463	0.0301388	0.161282737		0.49075964	0.767580245		
	0.665974329	0.152384712	2	0	0.998207054			
GPATCH11	ENSG00000152133.14	0.751275309	3	3	0.283903577			
	Brain_Spinal_cord_cervical_c-1	0.951519705	Brain_Putamen_basal_ganglia					
	1.107731996	0.935415746	0.935415746		-0.176287891	1.071591445		
	0.318700676	0.662710999	3	0	0.998207054			
ZNF79	ENSG00000196152.10	0.751299285	1	1	0.751299285	Brain_Cortex		
	0.751299285	Brain_Cortex	1	1	1	0.316926616	0.316926616	
	0.316926616	NA	1	0	0.998207054			
HRAS	ENSG00000174775.16	0.751341508	11	3	0.315721532	Brain_Cerebellum		
	0.978063023	Brain_Frontal_Cortex_BA9	8.717594939		0.007105942			
	0.520634088	-1.003288813	0.939645959		-0.367230133	0.605330787		
	3	0	0.998207054					
DTD1	ENSG00000125821.11	0.751531743	8	5	0.304992515			
	Brain_Anterior_cingulate_cortex_BA24	0.979644598	Brain_Putamen_basal_ganglia					
	5.588523465	0.012415349	0.213547206		-1.025785896	0.953478688		
	-0.129558361	0.57861477 5	0	0.998207054				
MYO1H	ENSG00000174527.9	0.751575422	1	1	0.751575422	Brain_Cerebellum		
	0.751575422	Brain_Cerebellum	1	1	1	-0.316562727	-0.316562727	
	-0.316562727	NA	1	0	0.998207054			
ZNF174	ENSG00000103343.12	0.751644451	1	1	0.751644451			
	Brain_Amygdala	0.751644451	Brain_Amygdala	1	1	1	0.316471767	
	0.316471767	0.316471767	NA	1	0	0.998207054		
ISPD	ENSG00000214960.9	0.751655408	2	2	0.459773772			
	Brain_Cerebellar_Hemisphere	0.876701491	Brain_Cerebellum	1.403649622				
	0.596350378	0.596350378	0.155151996		0.739219418	0.447185707		
	0.412998034	2	0	0.998207054				
TMEM206	ENSG00000065600.12	0.751717735	11	6	0.112320932			

	Brain_Frontal_Cortex_BA9	0.870147616		Brain_Amygdala	6.456185072			
	0.036036794	0.222884961		-0.163470986	1.58784704	1.028566157		
	0.523419544	6	0	0.998207054				
XXbac-BPGBPG55C20.1	ENSG00000272541.1	0.751872923		13	3	0.313521081		
	Brain_Spinal_cord_cervical_c-1	0.962850962		Brain_Cortex	10.91885023			
	0.004286304	0.684774347		-1.007861242	0.251766331	-0.312288599		
	0.323145942	3	0	0.998207054				
FBXO32	ENSG00000156804.7	0.751909954		2	2	0.527950111		
	Brain_Putamen_basal_ganglia	0.549584673		Brain_Nucleus_accumbens_basal_ganglia				
	1.327282563	0.672717437		0.672717437	-0.631138283	-0.5983826		
	-0.614760442	0.023161766		2	0	0.998207054		
SIGLEC5	ENSG00000105501.12	0.752045068		3	3	0.277227198		
	Brain_Anterior_cingulate_cortex_BA24	0.914610021						
	Brain_Spinal_cord_cervical_c-1	1.488740077		0.511760839	0.511760839			
	-1.086569303	0.159012787		-0.273443645	0.704663381	3	0	
	0.998207054							
HSP90B1	ENSG00000166598.14	0.752058922		1	1	0.752058922		
	Brain_Cortex	0.752058922		Brain_Cortex	1	1	1	-0.315925677
	-0.315925677	-0.315925677		NA	1	0	0.998207054	
CTD-3224K15.3	ENSG00000272255.1	0.752191629		1	1	0.752191629		
	Brain_Hypothalamus	0.752191629		Brain_Hypothalamus	1	1	1	
	-0.315750847	-0.315750847		-0.315750847	NA	1	0	0.998207054
ALKAL1	ENSG00000196711.8	0.752249575		1	1	0.752249575		
	Brain_Spinal_cord_cervical_c-1	0.752249575		Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.315674512	-0.315674512	-0.315674512	NA	1
	0.998207054							0
NDN	ENSG00000182636.5	0.752260509		4	4	0.282754913		
	Brain_Frontal_Cortex_BA9	0.949272447		Brain_Cortex	1.342080233			
	0.747451114	0.747451114		-1.074151217	0.568020457	-0.281463919		
	0.700680636	4	0	0.998207054				
DUSP15	ENSG00000149599.15	0.752289334		2	2	0.455126108		
	Brain_Caudate_basal_ganglia	0.635692256		Brain_Anterior_cingulate_cortex_BA24				
	1.731757793	0.268242207		0.268242207	0.473730282	0.746896385		
	0.610313333	0.193157604		2	0	0.998207054		
REV3L	ENSG00000009413.15	0.75230869		3	3	0.278540528		
	Brain_Cerebellar_Hemisphere	0.351970479		Brain_Hippocampus	2.503872132			
	0.142044826	0.142044826		0.930774006	1.083603749	0.982198595		
	0.087822407	3	0	0.998207054				
CTD-2147F2.2	ENSG00000259664.2	0.752395777		1	1	0.752395777		
	Brain_Anterior_cingulate_cortex_BA24	0.752395777						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.315481919			
	-0.315481919	-0.315481919		NA	1	0	0.998207054	
CBWD3	ENSG00000196873.15	0.752454036		2	2	0.517170989		
	Brain_Putamen_basal_ganglia	0.878111778		Brain_Hippocampus	1.32698123			
	0.67301877	0.67301877		-0.153363309	0.64771239	0.247174541		0.566446059
	2	0	0.998207054					
LINC01314	ENSG00000259417.2	0.752481153		6	6	0.295765052		
	Brain_Cortex	0.713075892		Brain_Cerebellum	2.010724306	0.422081488		
	0.422081488	-1.04555821		0.402469726	-0.451509465	0.682217748		
	6	0	0.998207054					
SULT4A1	ENSG00000130540.13	0.752493739		8	3	0.302911481		
	Brain_Nucleus_accumbens_basal_ganglia	0.761425375		Brain_Cerebellar_Hemisphere				
	6.388949374	0.000772138		0.275384367	0.30360955	1.030209905		
	0.690186595	0.260297445		3	0	0.998207054		
RP13-16H11.7	ENSG00000234296.1	0.752494165		1	1	0.752494165		
	Brain_Nucleus_accumbens_basal_ganglia	0.752494165						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.31535232			
	-0.31535232	-0.31535232		NA	1	0	0.998207054	
ARHGAP15	ENSG00000075884.13	0.752507766		1	1	0.752507766		
	Brain_Amygdala	0.752507766		Brain_Amygdala	1	1	1	-0.315334404
	-0.315334404	-0.315334404		NA	1	0	0.998207054	
CYP26C1	ENSG00000187553.8	0.75259895		5	5	0.335830521		Brain_Amygdala

	0.947911112	Brain_Anterior_cingulate_cortex_BA24	3.823799578				
	0.171477305	0.171477305	-0.962436232	-0.065330182	-0.584938318		
	0.390929302	5	0	0.998207054			
LCE5A	ENSG00000186207.4	0.752730983	2	2	0.518059727		
	Brain_Frontal_Cortex_BA9	0.522884237			Brain_Spinal_cord_cervical_c-1		
	1.453984285	0.546015715	0.546015715	-0.646339167	-0.638905765		
	-0.642622466	0.005256209	2	0	0.998207054		
MME	ENSG00000196549.10	0.75275061	1	1	0.75275061	Brain_Putamen_basal_ganglia	
	0.75275061	Brain_Putamen_basal_ganglia	1	1	0.315014546		
	0.315014546	0.315014546	NA	1	0	0.998207054	
PPP1R13L	ENSG00000104881.15	0.752807345	1	1	0.752807345		
	Brain_Putamen_basal_ganglia	0.752807345			Brain_Putamen_basal_ganglia	1	1
	1	-0.314939823	-0.314939823	-0.314939823	NA	1	0
	0.998207054						
LMO7DN	ENSG00000178734.5	0.752840402	3	3	0.489479619		
	Brain_Cortex	0.945391384			Brain_Anterior_cingulate_cortex_BA24		
	1.417483289	0.639193536	0.639193536	-0.676527826	0.691136731		
	-0.017962122	0.685231191	3	0	0.998207054		
SNRNP27	ENSG00000124380.10	0.752885519	10	4	0.162762829		
	Brain_Nucleus_accumbens_basal_ganglia	0.530968797			Brain_Amygdala		
	7.342041321	0.001987695	0.472971699	-1.395839512	-0.626527818		
	-1.13530701	0.277076328	4	0	0.998207054		
GSS	ENSG00000100983.9	0.752940752	2	2	0.51330258	Brain_Cerebellum	
	0.953941828	Brain_Cortex	1.562102205		0.437897795	0.437897795	
	0.057757455	0.653703916	0.355730685	0.421397784	2	0	
	0.998207054						
MLYCD	ENSG00000103150.5	0.753115766	3	3	0.30412734	Brain_Cortex	
	0.986812265	Brain_Amygdala	1.082352156		0.925937431	0.925937431	
	-0.415669619	1.027622705	0.198474653	0.745280586	3	0	
	0.998207054						
STKLD1	ENSG00000198870.7	0.753174417	1	1	0.753174417		
	Brain_Nucleus_accumbens_basal_ganglia	0.753174417					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.314456411		
	0.314456411	0.314456411	NA	1	0	0.998207054	
CCDC28A	ENSG00000024862.17	0.753225229	2	2	0.461165093		
	Brain_Caudate_basal_ganglia	0.850022537			Brain_Cerebellar_Hemisphere		
	1.047852928	0.952147072	0.952147072	-0.189089671	0.736929713		
	0.273920021	0.654794586	2	0	0.998207054		
CEP19	ENSG00000174007.7	0.753288033	6	3	0.37359655	Brain_Cerebellum	
	0.88222518	Brain_Nucleus_accumbens_basal_ganglia	5.258351744		5.98E-08		
	0.241131089	-0.889756684	-0.148148999	-0.50994165	0.241706631		
	3	0	0.998207054				
DMRTA1	ENSG00000176399.3	0.753339769	1	1	0.753339769		
	Brain_Hippocampus	0.753339769			Brain_Hippocampus	1	1
	-0.314238678	-0.314238678	-0.314238678	NA	1	0	0.998207054
NUP210	ENSG00000132182.11	0.753439536	2	2	0.451997837		
	Brain_Cerebellar_Hemisphere	0.51663531			Brain_Cerebellum	1.877615402	
	0.122384598	0.122384598	-0.752088504	-0.648540678	-0.700314591		
	0.07321937	2	0	0.998207054			
C9orf170	ENSG00000204446.4	0.75347554	3	3	0.289001891		
	Brain_Anterior_cingulate_cortex_BA24	0.961803832			Brain_Substantia_nigra		
	1.52794649	0.446482086	0.446482086	-0.236662883	1.060313738		
	0.290513651	0.681679346	3	0	0.998207054		
MOCOS	ENSG00000075643.5	0.753550822	12	10	0.258327569	Brain_Cerebellum	
	0.923443268	Brain_Cerebellar_Hemisphere	5.088851332		0.076468581		
	0.185910762	-0.931959389	1.130352859	-0.155910648	0.706716156		
	10	0	0.998207054				
LINC01939	ENSG00000228799.5	0.753569699	1	1	0.753569699		
	Brain_Cerebellum	0.753569699			Brain_Cerebellum	1	1
	-0.313935932	-0.313935932	NA	1	0	0.998207054	
PDE9A	ENSG00000160191.17	0.753572888	6	6	0.142150806		
	Brain_Caudate_basal_ganglia	0.88624246			Brain_Cerebellum	1.921661082	

	0.107818784	0.107818784	-1.46782853	0.715807433	-0.146510307		
	0.975290225	6	0	0.998207054			
TPPP	ENSG00000171368.11	0.753574699	10	2	0.314821798		
	Brain_Putamen_basal_ganglia	0.968158071			Brain_Anterior_cingulate_cortex_BA24		
	8.024744456	0.044087125	1.078915534		-1.005155877	0.460494786	
	-0.327788879	0.397410368	2	0	0.998207054		
TMED2	ENSG00000086598.10	0.753638728	3	2	0.462218756	Brain_Cerebellum	
	0.590548681	Brain_Frontal_Cortex_BA9	2.703000718		0.06769699		
	0.229302292	0.538041091	0.735198265		0.65625087	0.104277941	2
	0	0.998207054					
PABPN1L	ENSG00000205022.9	0.753764915	1	1	0.753764915		
	Brain_Cerebellum	0.753764915	Brain_Cerebellum1	1	1	0.313678917	
	0.313678917	0.313678917	NA	1	0	0.998207054	
GPR78	ENSG00000155269.11	0.753799839	1	1	0.753799839		
	Brain_Anterior_cingulate_cortex_BA24	0.753799839					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.31363294	0.31363294	
	0.31363294	NA	1	0	0.998207054		
PARP11	ENSG00000111224.13	0.753881409	5	1	0.630989308		
	Brain_Cerebellum	0.926407901	Brain_Nucleus_accumbens_basal_ganglia				
	4.812191545	0.002480733	4.812191545		0.092365183	0.480334856	
	0.306316255	0.159841038	1	0	0.998207054		
MAP1A	ENSG00000166963.12	0.753983372	2	2	0.526274215		
	Brain_Spinal_cord_cervical_c-1	0.72357817	Brain_Cerebellum1	1.077439139			
	0.922560861	0.922560861	-0.633703693		0.353680724	-0.140011484	
	0.698186217	2	0	0.998207054			
TOP3B	ENSG00000100038.19	0.75409033	2	2	0.82423432	Brain_Cerebellum	
	0.897861712	Brain_Cerebellar_Hemisphere	1.890755921		0.109244079		
	0.109244079	-0.222102207	0.128362998		-0.046869604	0.247816323	
	2	0	0.998207054				
EML6	ENSG00000214595.11	0.754162415	3	3	0.44865675		
	Brain_Putamen_basal_ganglia	0.827618167	Brain_Nucleus_accumbens_basal_ganglia				
	1.550378327	0.54511308	0.54511308	-0.424103047	0.757656328		
	0.183770214	0.591612331	3	0	0.998207054		
GARNL3	ENSG00000136895.18	0.754345528	2	2	0.454085628		
	Brain_Hippocampus	0.700230106	Brain_Nucleus_accumbens_basal_ganglia				
	1.444777879	0.555222121	0.555222121	-0.748621072	-0.385009865		
	-0.566815469	0.25711195	2	0	0.998207054		
TGFB3	ENSG00000119699.7	0.754513162	1	1	0.754513162		
	Brain_Cerebellar_Hemisphere	0.754513162	Brain_Cerebellar_Hemisphere1	1	1		
	1	-0.31269399	-0.31269399	-0.31269399	NA	1	0
	0.998207054						
DUSP19	ENSG00000162999.12	0.754576858	1	1	0.754576858		
	Brain_Nucleus_accumbens_basal_ganglia	0.754576858					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.31261016	0.31261016	
	0.31261016	NA	1	0	0.998207054		
SNRK	ENSG00000163788.13	0.754626452	1	1	0.754626452	Brain_Cerebellum	
	0.754626452	Brain_Cerebellum1	1	1	-0.312544891	-0.312544891	
	-0.312544891	NA	1	0	0.998207054		
AC003005.2	ENSG00000268266.1	0.75464365	13	3	0.373178138		
	Brain_Spinal_cord_cervical_c-1	0.954759152	Brain_Cerebellar_Hemisphere				
	10.74003161	0.009113558	0.493952325		-0.890536016	0.323169113	
	-0.035134709	0.384522603	3	0	0.998207054		
CREBRF	ENSG00000164463.12	0.754703461	1	1	0.754703461		
	Brain_Substantia_nigra	0.754703461	Brain_Substantia_nigra	1	1		
	1	-0.312443546	-0.312443546	-0.312443546	NA	1	0
	0.998207054						
ALK	ENSG00000171094.16	0.75477935	2	2	0.456552352		
	Brain_Spinal_cord_cervical_c-1	0.911152512					
	Brain_Anterior_cingulate_cortex_BA24	1.027362327			0.972637673		
	0.972637673	-0.744535866	0.111584942		-0.316475462	0.605368829	
	2	0	0.998207054				
NELL1	ENSG00000165973.18	0.755154448	2	2	0.537580303	Brain_Cortex	

	0.733449129	Brain_Amygdala	1.132783513	0.867216487	0.867216487
	-0.340541031	0.616476158	0.137967564	0.676713345	2 0
	0.998207054				
RNF141	ENSG00000110315.6	0.755154919	5	5	0.212967249
	Brain_Caudate_basal_ganglia	0.784409055		Brain_Cortex	3.16827599
	0.164287653	0.164287653	-1.245447644	-0.273577854	-0.827866066
	0.37817049	5 0	0.998207054		
ZNF594	ENSG00000180626.9	0.755285868	2	2	0.464456842
	Brain_Cerebellar_Hemisphere	0.585775861		Brain_Cortex	1.562005258
	0.437994742	0.437994742	-0.731527782	-0.544967514	-0.638247648
	0.13191803	2 0	0.998207054		
IK	ENSG00000113141.17	0.755337436	2	2	0.66570387
	Brain_Amygdala	1.798390093		Brain_Cerebellum	
	0.981212438	0.201609907		0.201609907	
	-0.432051656	0.023548893	-0.204251381	0.322158238	2 0
	0.998207054				
PANO1	ENSG00000274897.2	0.755411343	3	3	0.356514097
	Brain_Putamen_basal_ganglia	0.959008949		Brain_Spinal_cord_cervical_c-1	
	1.202756699	0.866711648	0.866711648	-0.653340409	0.922027758
	0.106694878	0.789138507	3 0	0.998207054	
AC004156.3	ENSG00000267666.2	0.755456232	7	7	0.085194842
	Brain_Cerebellar_Hemisphere	0.977261504		Brain_Frontal_Cortex_BA9	
	1.427607692	0.529781559	0.529781559	-0.70609986	1.721308589
	0.246260942	0.789500675	7 0	0.998207054	
RP11-735G4.1	ENSG00000226409.2	0.755502468	2	2	0.455683642
	Brain_Caudate_basal_ganglia	0.986340146		Brain_Spinal_cord_cervical_c-1	
	1.110001934	0.889998066	0.889998066	-0.017120924	0.745973138
	0.364426107	0.539588986	2 0	0.998207054	
IMPG1	ENSG00000112706.11	0.755566952	4	4	0.363940798
	Brain_Cerebellum	1.976351172		Brain_Cortex	
	0.971949509	0.123186546		0.123186546	
	-0.907881566	0.268651409	-0.180578117	0.506465327	4 0
	0.998207054				
ABCC3	ENSG00000108846.15	0.755646702	2	2	0.5232356
	Brain_Caudate_basal_ganglia	0.679041535		Brain_Nucleus_accumbens_basal_ganglia	
	1.036129738	0.963870262	0.963870262	-0.638365781	-0.413771395
	-0.526068588	0.158812213	2 0	0.998207054	
CAMK2D	ENSG00000145349.16	0.755680318	3	3	0.38117621
	Brain_Cerebellar_Hemisphere	0.685668527		Brain_Cerebellum	1.534824702
	0.481233283	0.481233283	-0.404740148	0.875731145	0.345900324
	0.668183627	3 0	0.998207054		
CTD-2619J13.14	ENSG00000232098.3	0.755793589	4	3	0.418196448
	Brain_Cerebellum	0.482735169		Brain_Anterior_cingulate_cortex_BA24	2.32288329
	0.069896581	0.429037334	-0.809554187	0.701910197	-0.387305016
	0.727499205	3 0	0.998207054		
LINC00304	ENSG00000180422.3	0.755833119	4	3	0.279940389
	Brain_Cortex	0.850580915		Brain_Cerebellum	2.881805955
	0.150619524	-0.188377272	1.080453263	0.470361531	0.069385384
	3 0	0.998207054		0.521608455	
IHH	ENSG00000163501.6	0.756147551	2	1	0.64153422
	Brain_Cerebellar_Hemisphere	1.952809621		Brain_Cerebellum	0.047190379
	1.952809621	-0.465554776	-0.148161499	-0.306858137	0.224430938
	1 0	0.998207054			
USP22	ENSG00000124422.11	0.756218297	5	3	0.320541186
	Brain_Putamen_basal_ganglia	0.755577703		Brain_Hippocampus	2.852954299
	0.05605342	0.991724888	-0.993346372	0.311293244	-0.5391873
	0.501052343	3 0	0.998207054		
KLHL9	ENSG00000198642.6	0.756317876	4	4	0.351816476
	Brain_Hippocampus	2.814485006		Brain_Cortex	0.1883449
	0.866804727	0.1883449	0.1883449	0.1883449	
	-0.931071702	-0.167718519	-0.411214339	0.351883819	4 0
	0.998207054				
LINC00310	ENSG00000227456.7	0.756343442	1	1	0.756343442
	Brain_Hippocampus	0.756343442		Brain_Hippocampus	1 1 1
	0.310286045	0.310286045	0.310286045	NA 1 0	0.998207054

NGLY1	ENSG00000151092.16	0.756417432	1	1	0.756417432	Brain_Cerebellum
	0.756417432	Brain_Cerebellum1	1	1	-0.310188741	-0.310188741
	-0.310188741	NA	1	0	0.998207054	
MOGS	ENSG00000115275.11	0.756554732	9	4	0.137046535	Brain_Cerebellum
	0.764360386	Brain_Nucleus_accumbens_basal_ganglia	6.93224435	0.004066398		
	0.335011844	0.299759793	1.486879896	0.961691579	0.379372857	
	4	0	0.998207054			
ACKR2	ENSG00000144648.15	0.756690819	5	4	0.30804063	
	Brain_Nucleus_accumbens_basal_ganglia	0.916673488		Brain_Cortex		
	3.301538414	0.016319144	0.304082086	-1.019342003	-0.10462486	
	-0.637036374	0.475301842	4	0	0.998207054	
RP11-492E3.2	ENSG00000227619.1	0.756721414	1	1	0.756721414	
	Brain_Frontal_Cortex_BA9	0.756721414	Brain_Frontal_Cortex_BA9	1	1	
	1	-0.309789003	-0.309789003	-0.309789003	NA	1
	0.998207054					
ZNF488	ENSG00000265763.3	0.756726508	6	6	0.260660922	
	Brain_Cerebellum	0.792312261	Brain_Putamen_basal_ganglia	1.619578411		
	0.5276185	0.5276185	-1.124830372	0.638066741	-0.243772984	
	0.651068354	6	0	0.998207054		
NPC2	ENSG00000119655.10	0.757033888	2	2	0.457668312	
	Brain_Nucleus_accumbens_basal_ganglia	0.943048305	Brain_Hypothalamus			
	1.000000845	0.999999155	0.999999155	-0.742691772	0.071439083	
	-0.335626344	0.575677449	2	0	0.998207054	
XRRA1	ENSG00000166435.15	0.757058811	13	1	0.636979768	
	Brain_Hippocampus	0.836782137	Brain_Putamen_basal_ganglia	12.85212932		
	0.000100761	12.85212932	-0.471925777	-0.206011233	-0.30760454	
	0.06702484	1	0	0.998207054		
BRAF	ENSG00000157764.12	0.757252655	1	1	0.757252655	
	Brain_Putamen_basal_ganglia	0.757252655	Brain_Putamen_basal_ganglia	1	1	
	1	0.30909054	0.30909054	0.30909054	NA	1
	0.998207054					
RP11-384K6.8	ENSG00000281731.2	0.757301301	11	5	0.25805228	
	Brain_Frontal_Cortex_BA9	0.85385397	Brain_Substantia_nigra	8.494092424		
	0.023053396	0.283559409	-1.131006679	-0.184203301	-0.822221047	
	0.330770077	5	0	0.998207054		
YEATS4	ENSG00000127337.6	0.757450274	13	2	0.426977774	
	Brain_Anterior_cingulate_cortex_BA24	0.74067563	Brain_Amygdala	11.29920968		
	0.008471409	0.974411957	0.330958769	0.794373934	0.641537787	
	0.15591357	2	0	0.998207054		
ZNF284	ENSG00000186026.6	0.757475083	3	3	0.395964033	
	Brain_Hippocampus	0.893451446	Brain_Cerebellum	1.958461664		
	0.127844501	0.127844501	-0.848851313	0.39913745	-0.105258556	
	0.657480268	3	0	0.998207054		
PDSS2	ENSG00000164494.11	0.757494673	1	1	0.757494673	
	Brain_Caudate_basal_ganglia	0.757494673	Brain_Caudate_basal_ganglia	1	1	
	1	-0.308772391	-0.308772391	-0.308772391	NA	1
	0.998207054					
RP1-249I4.2	ENSG00000232311.1	0.757658524	2	2	0.587064646	
	Brain_Frontal_Cortex_BA9	0.613341205	Brain_Putamen_basal_ganglia			
	1.008589002	0.991410998	0.991410998	-0.50530988	0.543094635	
	0.018892378	0.741333942	2	0	0.998207054	
YPEL1	ENSG00000100027.14	0.757730757	1	1	0.757730757	Brain_Cortex
	0.757730757	Brain_Cortex	1	1	1	-0.30846207
	-0.30846207	NA	1	0	0.998207054	
FMNL1	ENSG00000184922.13	0.757763756	3	2	0.467895179	Brain_Amygdala
	0.960968531	Brain_Cerebellar_Hemisphere	1.976258063	0.023729429		
	1.000012507	-0.048938219	0.725907988	0.349658857	0.387906218	
	2	0	0.998207054			
RP11-890B15.3	ENSG00000255455.2	0.75777167	13	5	0.369721766	
	Brain_Cerebellar_Hemisphere	0.975712976	Brain_Anterior_cingulate_cortex_BA24			
	7.906477217	0.002337013	0.360901543	-0.776827603	0.896994661	
	-0.106778935	0.482417941	5	0	0.998207054	
CORO1B	ENSG00000172725.13	0.757861972	4	2	0.546009691	

	Brain_Putamen_basal_ganglia	0.967536623		Brain_Cerebellum	3.300585442			
	0.009303299	0.616272464	-0.113444159	0.603750264		0.189744733		
	0.332033316	2	0	0.998207054				
CD226	ENSG00000150637.8	0.757866302	1	1	0.757866302			
	Brain_Spinal_cord_cervical_c-1	0.757866302		Brain_Spinal_cord_cervical_c-1				
	1	1	0.308283918	0.308283918	0.308283918	NA	1	0
	0.998207054							
AK8	ENSG00000165695.9	0.757867467	13	2	0.39119246			
	Brain_Frontal_Cortex_BA9	0.902505924		Brain_Caudate_basal_ganglia				
	11.08996092	0.001330736	1.060769565	0.122496366		0.857456837		
	0.453609469	0.235703549	2	0	0.998207054			
PPP4R1	ENSG00000154845.15	0.758026704	7	6	0.104238892			
	Brain_Cortex	0.974996978		Brain_Hypothalamus	3.354152045			
	0.039370575	0.226954215	-1.624641861	0.322016205		-0.339966906		
	0.658581865	6	0	0.998207054				
TMPRSS7	ENSG00000176040.13	0.758097506	2	2	0.464602273			
	Brain_Cerebellar_Hemisphere	0.874060258		Brain_Cerebellum	1.027822977			
	0.972177023	0.972177023	-0.731289614	0.158503253		-0.286393181		
	0.62917857	2	0	0.998207054				
HIST1H3E	ENSG00000274750.2	0.758235568	13	4	0.391110677			
	Brain_Anterior_cingulate_cortex_BA24	0.96834769						
	Brain_Nucleus_accumbens_basal_ganglia	10.45404581		0.019097013				
	0.395986634	-0.725953054	0.857604884	0.179570695		0.500930891		
	4	0	0.998207054					
MIR155HG	ENSG00000234883.5	0.758308044	1	1	0.758308044			
	Brain_Cerebellum	0.758308044		Brain_Cerebellum	1	1	1	0.307703384
	0.307703384	0.307703384	NA	1	0	0.998207054		
CKMT2	ENSG00000131730.15	0.758318222	3	2	0.486147242			
	Brain_Caudate_basal_ganglia	0.614922885		Brain_Putamen_basal_ganglia				
	2.790288257	0.090762099	0.118949643	0.503058867		0.696449708		
	0.618767375	0.102149385	2	0	0.998207054			
AAR2	ENSG00000131043.11	0.758331026	1	1	0.758331026			
	Brain_Cerebellar_Hemisphere	0.758331026		Brain_Cerebellar_Hemisphere	1	1		
	1	0.307673184	0.307673184	0.307673184	NA	1	0	
	0.998207054							
SPATA46	ENSG00000171722.12	0.758338828	2	2	0.488405741			
	Brain_Cerebellum	0.812020065		Brain_Caudate_basal_ganglia	1.046852707			
	0.953147293	0.953147293	0.237820826	0.692846733		0.46533378		
	0.321751904	2	0	0.998207054				
TESPA1	ENSG00000135426.15	0.758370523	2	2	0.521056439			
	Brain_Cortex	0.697814036		Brain_Hippocampus	1.019257301			
	0.980742699	0.980742699	-0.641717785	-0.388272973		-0.514995379		
	0.179212545	2	0	0.998207054				
GALNTL6	ENSG00000174473.15	0.758448544	3	3	0.479038519			
	Brain_Cortex	0.808648852		Brain_Cerebellar_Hemisphere	1.515652278			
	0.488851798	0.488851798	-0.299187352	0.707849828		0.05549767		
	0.5656724	3	0	0.998207054				
FASTKD2	ENSG00000118246.13	0.758486362	1	1	0.758486362			
	Brain_Cerebellum	0.758486362		Brain_Cerebellum	1	1	1	-0.30746907
	-0.30746907	-0.30746907	NA	1	0	0.998207054		
TRMT1L	ENSG00000121486.11	0.758490773	1	1	0.758490773			
	Brain_Frontal_Cortex_BA9	0.758490773		Brain_Frontal_Cortex_BA9	1	1		
	1	0.307463274	0.307463274	0.307463274	NA	1	0	
	0.998207054							
CARD16	ENSG00000204397.7	0.758686662	3	3	0.408407736			
	Brain_Caudate_basal_ganglia	0.836065144		Brain_Cerebellum	1.958539613			
	0.108489608	0.108489608	0.20692921	0.826698917		0.525327567		
	0.310235494	3	0	0.998207054				
MKKS	ENSG00000125863.18	0.758758286	8	8	0.203765719			
	Brain_Hippocampus	0.879016421		Brain_Frontal_Cortex_BA9	3.328020575			
	0.170485047	0.170485047	-1.270895806	0.964975455		0.193990581		
	0.81800209	8	0	0.998207054				

RYBP	ENSG00000163602.10	0.758762511	1	1	0.758762511			
	Brain_Putamen_basal_ganglia	0.758762511			Brain_Putamen_basal_ganglia	1	1	
	1	-0.307106237	-0.307106237	-0.307106237	NA	1	0	
	0.998207054							
SDCCAG8	ENSG00000054282.15	0.758789649	5	5	0.298919787			
	Brain_Hippocampus	0.885208686			Brain_Cerebellar_Hemisphere	3.599979705		
	0.124943024	0.124943024	0.144369517	1.038752651	0.548853163			
	0.364304616	5	0	0.998207054				
DAP	ENSG00000112977.15	0.758836222	4	4	0.414750991		Brain_Cortex	
	0.948587303	Brain_Cerebellum	2.622591404	0.161037619	0.161037619			
	-0.507580854	0.815561474	0.082977979	0.549912711	4	0		
	0.998207054							
OR7A5	ENSG00000188269.8	0.758895962	7	4	0.153866309			
	Brain_Caudate_basal_ganglia	0.686767898			Brain_Anterior_cingulate_cortex_BA24			
	5.108300092	0.009452139	0.20522423	-1.426007045	0.403245137			
	-0.868893761	0.583810079	4	0	0.998207054			
ZNF264	ENSG00000083844.10	0.758902928	1	1	0.758902928			
	Brain_Amygdala	0.758902928	Brain_Amygdala	1	1	1	0.306921757	
	0.306921757	0.306921757	NA	1	0	0.998207054		
PPIL4	ENSG00000131013.3	0.758974539	1	1	0.758974539		Brain_Cerebellum	
	0.758974539	Brain_Cerebellum	1	1	1	0.306827679	0.306827679	
	0.306827679	NA	1	0	0.998207054			
FRYL	ENSG00000075539.13	0.759059745	3	3	0.296872739			
	Brain_Spinal_cord_cervical_c-1	0.807117758			Brain_Hippocampus			
	1.194740548	0.822834876	0.822834876	-0.244145986	1.043163145			
	0.351674929	0.648964848	3	0	0.998207054			
KCNT2	ENSG00000162687.16	0.759072606	1	1	0.759072606			
	Brain_Nucleus_accumbens_basal_ganglia	0.759072606						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.306698849			
	0.306698849	0.306698849	NA	1	0	0.998207054		
FAM50B	ENSG00000145945.5	0.75950334	1	1	0.75950334			
	Brain_Frontal_Cortex_BA9	0.75950334	Brain_Frontal_Cortex_BA9	1	1	1		
	0.306133057	0.306133057	0.306133057	NA	1	0	0.998207054	
ZNF530	ENSG00000183647.10	0.759537405	7	7	0.133437558			
	Brain_Anterior_cingulate_cortex_BA24	0.943507479			Brain_Putamen_basal_ganglia			
	1.609146211	0.451653116	0.451653116	-1.500683053	1.344572253			
	-0.075523639	0.844943159	7	0	0.998207054			
DDX24	ENSG00000089737.16	0.759621341	1	1	0.759621341			
	Brain_Caudate_basal_ganglia	0.759621341			Brain_Caudate_basal_ganglia	1	1	
	1	0.305978073	0.305978073	0.305978073	NA	1	0	
	0.998207054							
SLC3A2	ENSG00000168003.16	0.759640119	1	1	0.759640119			
	Brain_Putamen_basal_ganglia	0.759640119			Brain_Putamen_basal_ganglia	1	1	
	1	-0.30595341	-0.30595341	-0.30595341	NA	1	0	
	0.998207054							
NDUFB4	ENSG00000065518.7	0.759683986	3	3	0.281634897			
	Brain_Putamen_basal_ganglia	0.555797023			Brain_Cerebellar_Hemisphere	2.15469457		
	0.385432456	0.385432456	-1.076653939	-0.589095781	-0.76337063			
	0.271883712	3	0	0.998207054				
GPR161	ENSG00000143147.14	0.759697762	5	5	0.19793298			
	Brain_Cerebellar_Hemisphere	0.979014113			Brain_Hippocampus	2.266443591		
	0.29594578	0.29594578	-0.044676536	1.287462937	0.420207328			
	0.601645975	5	0	0.998207054				
LINC01836	ENSG00000267530.2	0.759709423	1	1	0.759709423			
	Brain_Caudate_basal_ganglia	0.759709423			Brain_Caudate_basal_ganglia	1	1	
	1	0.305862389	0.305862389	0.305862389	NA	1	0	
	0.998207054							
PWRN1	ENSG00000259905.5	0.759788567	12	3	0.500686595		Brain_Cortex	
	0.999500149	Brain_Hippocampus	9.394755593	0.033959777				
	0.458188275	-0.673409832	0.623494445	0.075813264	0.340350875			
	3	0	0.998207054					
SOGA3	ENSG00000214338.10	0.759902063	3	3	0.368334411			

	Brain_Spinal_cord_cervical_c-1	0.728608171			Brain_Cerebellar_Hemisphere			
	1.288882204	0.721439742	0.721439742		-0.501298013	0.899597645		
	0.017107354	0.768144215	3	0	0.998207054			
PKNOX2-AS1	ENSG00000254880.1	0.759919761			5	2	0.463720668	
	Brain_Caudate_basal_ganglia	0.763610199			Brain_Anterior_cingulate_cortex_BA24			
	4.539615407	3.46E-05	0.312668229		0.300743364	0.732734025		
	0.594742017	0.193932046	2	0	0.998207054			
FAM110A	ENSG00000125898.12	0.760022935			2	2	0.504513809	
	Brain_Hypothalamus	0.777652475			Brain_Nucleus_accumbens_basal_ganglia			
	1.057860733	0.942139267	0.942139267		-0.667404473	0.282379574		
	-0.192512449	0.671598741	2	0	0.998207054			
ZMAT4	ENSG00000165061.14	0.760023595			1	1	0.760023595	
	Brain_Putamen_basal_ganglia	0.760023595			Brain_Putamen_basal_ganglia1	1	1	
	1	0.305449804	0.305449804	0.305449804	NA	1	0	
	0.998207054							
PROSER3	ENSG00000167595.14	0.760132127			4	4	0.407264255	
	Brain_Cerebellar_Hemisphere	0.782663878			Brain_Putamen_basal_ganglia			
	2.129473296	0.25645225	0.25645225	-0.531436977	0.828717546			
	0.163803614	0.668242808	4	0	0.998207054			
KIF21B	ENSG00000116852.14	0.760133062			4	3	0.352689767	
	Brain_Cortex	0.570671463			Brain_Frontal_Cortex_BA9	2.500833129		
	0.050732436	0.410571903	-0.929384676		-0.567062878	-0.81947402		
	0.170226595	3	0	0.998207054				
NF1	ENSG00000196712.17	0.760205335			1	1	0.760205335	Brain_Amygdala
	0.760205335	Brain_Amygdala	1	1	1	-0.305211157	-0.305211157	
	-0.305211157	NA	1	0	0.998207054			
SUFU	ENSG00000107882.11	0.7602959			2	2	0.65837309	
	Brain_Nucleus_accumbens_basal_ganglia	0.718997736			Brain_Hippocampus			
	1.410711819	0.589288181	0.589288181		-0.442160469	0.359798619		
	-0.041180925	0.56707071	2	0	0.998207054			
ZFHX2	ENSG00000136367.13	0.760355724			1	1	0.760355724	
	Brain_Nucleus_accumbens_basal_ganglia	0.760355724						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.305013692			
	-0.305013692	-0.305013692	NA	1	0	0.998207054		
LINC02187	ENSG00000263082.1	0.760409105			1	1	0.760409105	
	Brain_Spinal_cord_cervical_c-1	0.760409105			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.304943604	0.304943604	0.304943604	NA	1
	0.998207054							0
PTH1R	ENSG00000160801.13	0.760466605			1	1	0.760466605	
	Brain_Nucleus_accumbens_basal_ganglia	0.760466605						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.30486811	0.30486811		
	0.30486811	NA	1	0	0.998207054			
BHMT2	ENSG00000132840.9	0.760525635			4	4	0.25068635	
	Brain_Cerebellar_Hemisphere	0.982024251			Brain_Amygdala	1.832872172		
	0.524215964	0.524215964	-1.148683893		0.407048909	-0.251364103		
	0.662050681	4	0	0.998207054				
TLK2	ENSG00000146872.17	0.760532752			1	1	0.760532752	
	Brain_Hippocampus	0.760532752			Brain_Hippocampus	1	1	1
	0.304781264	0.304781264	0.304781264		NA	1	0	0.998207054
IKZF4	ENSG00000123411.14	0.760693309			1	1	0.760693309	Brain_Amygdala
	0.760693309	Brain_Amygdala	1	1	1	0.304570475	0.304570475	
	0.304570475	NA	1	0	0.998207054			
WVOX	ENSG00000186153.16	0.760777571			12	10	0.300441402	
	Brain_Cerebellar_Hemisphere	0.960710545			Brain_Cortex	5.56055832		
	0.092403513	0.234707315	-0.716022101		1.035487283	0.082049681		
	0.63704213	10	0	0.998207054				
TXNDC15	ENSG00000113621.14	0.760778234			10	3	0.228891476	
	Brain_Nucleus_accumbens_basal_ganglia	0.994987526			Brain_Frontal_Cortex_BA9			
	8.096924143	0.003096006	0.634405934		-1.203219279	0.006282246		
	-0.808155966	0.408197713	3	0	0.998207054			
TMEM106C	ENSG00000134291.11	0.760785053			7	7	0.240530553	
	Brain_Cerebellum	0.962542316			Brain_Cortex	1.964704535	0.480232588	

	0.480232588	-0.948681445	1.173661709	0.224624542	0.699820514
	7	0	0.998207054		
CHRFAM7A	ENSG00000166664.13	0.760826461	8	6	0.368808517
	Brain_Putamen_basal_ganglia	0.755869598	Brain_Cortex	5.219632259	
	0.107182826	0.18348699	-0.596575192	0.898707432	0.418218875
	0.465850374	6	0	0.998207054	
CCNYL1	ENSG00000163249.11	0.760858957	1	1	0.760858957
	Brain_Caudate_basal_ganglia	0.760858957	Brain_Caudate_basal_ganglia	1	1
	1	-0.304353018	-0.304353018	-0.304353018	NA 1 0
	0.998207054				
RP11-15A1.3	ENSG00000267058.1	0.760961839	2	2	0.607756644
	Brain_Frontal_Cortex_BA9	0.843442788	Brain_Anterior_cingulate_cortex_BA24		
	1.878952422	0.121047578	0.121047578	0.197491684	0.513278325
	0.355385004	0.223294875	2	0	0.998207054
DKK3	ENSG00000050165.17	0.761048534	3	3	0.487597356
	Brain_Frontal_Cortex_BA9	0.989015003	Brain_Cerebellum	1.481555347	
	0.533272829	0.533272829	-0.694135311	0.665653698	-0.014083233
	0.679894559	3	0	0.998207054	
SLC28A3	ENSG00000197506.7	0.76112767	1	1	0.76112767
	Brain_Hippocampus	1	1	1	0.304000291
	0.304000291	NA	1	0	0.998207054
KIF21A	ENSG00000139116.18	0.761326478	4	4	0.535701252
	Brain_Hypothalamus	0.945432169	Brain_Cerebellum	2.771267596	
	0.189193599	0.189193599	-0.372596942	0.619326558	0.031760469
	0.43144606	4	0	0.998207054	
SHC3	ENSG00000148082.9	0.761524337	1	1	0.761524337
	Brain_Cerebellum	1	1	1	0.303479671
	0.303479671	NA	1	0	0.998207054
TCP10L	ENSG00000242220.6	0.761551976	3	3	0.299392208
	Brain_Frontal_Cortex_BA9	0.881512855	Brain_Cerebellum	1.599832616	
	0.418794516	0.418794516	-0.149051679	1.037737657	0.415488713
	0.595495542	3	0	0.998207054	
TLDC2	ENSG00000101342.9	0.761562085	3	3	0.409609937
	Brain_Spinal_cord_cervical_c-1	0.760108141	Brain_Caudate_basal_ganglia		
	1.534355708	0.368552505	0.368552505	0.305338783	0.824580252
	0.543212767	0.262338883	3	0	0.998207054
TDP2	ENSG00000111802.13	0.761567799	7	7	0.102784275
	Brain_Putamen_basal_ganglia	2.390935874	Brain_Cortex		
	0.315292879	-1.631502775	0.520260037	-0.065820696	0.763746201
	7	0	0.998207054		
AEN	ENSG00000181026.14	0.761591822	3	2	0.460661724
	Brain_Cerebellar_Hemisphere	0.956544321	Brain_Amygdala	1.980941657	
	0.059842338	0.959216005	-0.737757664	-0.054490571	-0.318372621
	0.367218417	2	0	0.998207054	
MESDC1	ENSG00000140406.3	0.76164955	2	2	0.482475246
	Brain_Hypothalamus	0.841941731	Brain_Anterior_cingulate_cortex_BA24		
	1.038247225	0.961752775	0.961752775	-0.199410394	0.702327021
	0.251458314	0.637624641	2	0	0.998207054
RP11-295M18.6	ENSG00000272823.1	0.761751674	12	11	0.058257424
	Brain_Anterior_cingulate_cortex_BA24	0.961544805	Brain_Cortex		
	4.033283329	0.132390038	0.238873136	-0.646652347	1.893755854
	0.41922559	0.702614921	11	0	0.998207054
RHOH	ENSG00000168421.12	0.762014465	1	1	0.762014465
	Brain_Substantia_nigra	0.762014465	Brain_Substantia_nigra	1	1
	1	-0.302836501	-0.302836501	-0.302836501	NA 1 0
	0.998207054				
RP11-1277A3.3	ENSG00000272459.1	0.762044696	3	3	0.35239622
	Brain_Hypothalamus	0.857859292	Brain_Anterior_cingulate_cortex_BA24		
	1.26422087	0.701237718	0.701237718	-0.929951455	-0.17909986
	-0.535862268	0.376814936	3	0	0.998207054
GLT8D2	ENSG00000120820.12	0.762084257	4	4	0.533113714
	Brain_Nucleus_accumbens_basal_ganglia	0.992144616	Brain_Cortex		

	3.125982784	0.110744617	0.110744617	-0.623259946	-0.009845423		
	-0.342722698	0.252671347	4	0	0.998207054		
PEX26	ENSG00000215193.12	0.762260453	3	3	0.603525002	Brain_Cerebellum	
	0.971669089	Brain_Cerebellar_Hemisphere	1.967236449	0.235505711			
	0.235505711	-0.519338081	0.415354064	-0.022823007	0.470068977		
	3	0	0.998207054				
CAT	ENSG00000121691.4	0.762304449	12	3	0.249366116		
	Brain_Caudate_basal_ganglia	0.930508998			Brain_Anterior_cingulate_cortex_BA24		
	9.971190297	0.003889237	0.449425737	0.087204455	1.151890394		
	0.659787498	0.340814122	3	0	0.998207054		
BRICD5	ENSG00000182685.7	0.7623945	4	4	0.295660022		
	Brain_Frontal_Cortex_BA9	0.839693456			Brain_Caudate_basal_ganglia		
	1.179331318	0.790276235	0.790276235	-1.045785619	0.671166286		
	-0.206534935	0.78355744	4	0	0.998207054		
NTSR1	ENSG00000101188.4	0.762623838	2	2	0.5292249		
	Brain_Putamen_basal_ganglia	0.600258778			Brain_Nucleus_accumbens_basal_ganglia		
	1.24367592	0.75632408	0.75632408	-0.629189656	-0.524028413	-0.576609034	
	0.074360228	2	0	0.998207054			
GCNT3	ENSG00000140297.12	0.762661212	1	1	0.762661212		
	Brain_Cerebellar_Hemisphere	0.762661212			Brain_Cerebellar_Hemisphere	1	1
	1	0.301987998	0.301987998	0.301987998	NA	1	0
	0.998207054						
RALGPS1	ENSG00000136828.18	0.76289058	2	2	0.7590124	Brain_Cerebellum	
	0.961639475	Brain_Cerebellar_Hemisphere	1.934231724	0.065768276			
	0.065768276	0.048096325	0.306777941	0.177437133	0.182915525		
	2	0	0.998207054				
THEM4	ENSG00000159445.12	0.762988737	10	2	0.380388099		
	Brain_Cerebellar_Hemisphere	0.851777822			Brain_Nucleus_accumbens_basal_ganglia		
	8.883186789	0.001403801	0.495178701	-0.877181433	-0.186850536		
	-0.570869193	0.20213907	2	0	0.998207054		
TRUB1	ENSG00000165832.5	0.76301138	2	2	0.478464485		
	Brain_Caudate_basal_ganglia	0.891835318			Brain_Cortex	1.084364048	
	0.915635952	0.915635952	-0.708774403	0.135982244	-0.28639608		
	0.597333154	2	0	0.998207054			
ZNF506	ENSG00000081665.13	0.763180614	12	3	0.439394193		
	Brain_Anterior_cingulate_cortex_BA24	0.898215412			Brain_Cerebellum		
	10.08885147	0.010873999	0.471668979	-0.66374148	0.773216618		
	0.295308975	0.445961025	3	0	0.998207054		
ZNF474	ENSG00000164185.5	0.763239195	1	1	0.763239195		
	Brain_Cerebellar_Hemisphere	0.763239195			Brain_Cerebellar_Hemisphere	1	1
	1	0.301229895	0.301229895	0.301229895	NA	1	0
	0.998207054						
WARS	ENSG00000140105.17	0.763290628	2	1	0.538888966		
	Brain_Cerebellar_Hemisphere	0.983284919			Brain_Cerebellum	1.942106392	
	0.057893608	1.942106392	-0.614493955	0.020950779	-0.296771588		
	0.449327281	1	0	0.998207054			
MBD3	ENSG00000071655.17	0.76334148	2	2	0.476502271		
	Brain_Cerebellar_Hemisphere	0.843601937			Brain_Amygdala	1.02107681	0.97892319
	0.97892319	-0.197288296	0.71193945	0.257325577	0.642921106	2	0
	0.998207054						
SPOP	ENSG00000121067.17	0.763387411	1	1	0.763387411		
	Brain_Spinal_cord_cervical_c-1	0.763387411			Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.301035518	-0.301035518	-0.301035518	NA
	0.998207054						
KLHL30	ENSG00000168427.8	0.763450002	2	2	0.484443752		
	Brain_Cerebellar_Hemisphere	0.548910156			Brain_Cerebellum	1.598630941	
	0.401369059	0.401369059	-0.699173272	-0.599394032	-0.649283652		
	0.070554577	2	0	0.998207054			
CCDC30	ENSG00000186409.14	0.76346109	2	2	0.475265303		
	Brain_Frontal_Cortex_BA9	0.681695831			Brain_Caudate_basal_ganglia		
	1.346628708	0.653371292	0.653371292	-0.713938348	-0.410150117		
	-0.562044233	0.214810718	2	0	0.998207054		

RP11-54C4.3	ENSG00000275765.5	0.763468422	12	2	0.261116233				
	Brain_Putamen_basal_ganglia	0.75293742	Brain_Hippocampus		10.81401916				
	0.000338448	0.727272022	0.314768514	1.123756752	0.628030921				
	0.19886632	2	0	0.998207054					
DSP	ENSG00000096696.13	0.76347761	3	3	0.366295963	Brain_Cerebellum			
	0.832581225	Brain_Caudate_basal_ganglia	1.231784888		0.768226666				
	0.768226666	-0.211392222	0.90343332	0.478816533	0.60300358	3	0		
	0.998207054								
SPIN1	ENSG00000106723.16	0.763554188	1	1	0.763554188				
	Brain_Substantia_nigra	0.763554188	Brain_Substantia_nigra	1	1				
	1	-0.300816812	-0.300816812	-0.300816812	NA	1	0		
	0.998207054								
MMD	ENSG00000108960.7	0.76360494	6	5	0.282121991				
	Brain_Nucleus_accumbens_basal_ganglia	0.956158449	Brain_Hippocampus						
	3.207045064	0.051998515	0.297958317	-0.367515082	1.075564679				
	0.291231746	0.53920362	5	0	0.998207054				
MOB4	ENSG00000115540.14	0.763704196	1	1	0.763704196				
	Brain_Anterior_cingulate_cortex_BA24	0.763704196							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.300620109				
	-0.300620109	-0.300620109	NA	1	0	0.998207054			
TMEM256	ENSG00000205544.3	0.763714442	2	2	0.46290563				
	Brain_Cerebellar_Hemisphere	0.915780187	Brain_Nucleus_accumbens_basal_ganglia						
	1.122141588	0.877858412	0.877858412	-0.105750657	0.734070733				
	0.314160038	0.5938434	2	0	0.998207054				
SEC16B	ENSG00000120341.18	0.763818755	7	6	0.35228333	Brain_Cerebellum			
	0.998128957	Brain_Hippocampus	3.820891559		0.013112832				
	0.196877313	-0.635682229	0.930169502	0.096340957	0.491184126				
	6	0	0.998207054						
DNAH14	ENSG00000185842.15	0.763856991	2	2	0.571320049				
	Brain_Hypothalamus	0.660416998	Brain_Cortex		1.048246588				
	0.951753412	0.951753412	0.439337511	0.566108465	0.502722988				
	0.089640602	2	0	0.998207054					
LMNTD2	ENSG00000185522.8	0.763864511	5	5	0.206879202				
	Brain_Cerebellar_Hemisphere	0.929433891	Brain_Hippocampus		2.459334434				
	0.195159681	0.195159681	-0.567549626	1.262193402	-0.060517869				
	0.761912359	5	0	0.998207054					
TRIM61	ENSG00000183439.7	0.763882571	3	3	0.301935773				
	Brain_Hypothalamus	0.944340414	Brain_Hippocampus		1.639993802				
	0.47987657	0.47987657	-1.032291092	-0.069815621	-0.600513152				
	0.488803204	3	0	0.998207054					
FBXO36	ENSG00000153832.11	0.763914017	8	8	0.159490333				
	Brain_Amygdala	0.952603572	Brain_Substantia_nigra		2.919737388				
	0.141632223	0.141632223	-1.406787761	1.136128609	-0.137692612				
	0.746188656	8	0	0.998207054					
ISL2	ENSG00000159556.9	0.763972426	1	1	0.763972426				
	Brain_Substantia_nigra	0.763972426	Brain_Substantia_nigra	1	1				
	1	-0.300268412	-0.300268412	-0.300268412	NA	1	0		
	0.998207054								
PGM5P4-AS1	ENSG00000231943.7	0.764164675	2	2	0.492196584				
	Brain_Caudate_basal_ganglia	0.500199402	Brain_Spinal_cord_cervical_c-1						
	1.722578164	0.277421836	0.277421836	-0.686819335	-0.674176037				
	-0.680497686	0.008940162	2	0	0.998207054				
ASIC2	ENSG00000108684.14	0.764189295	2	2	0.467440692				
	Brain_Cerebellar_Hemisphere	0.790450335	Brain_Cerebellum		1.232789439				
	0.767210561	0.767210561	-0.726649507	-0.265725873	-0.49618769				
	0.325922227	2	0	0.998207054					
WDR46	ENSG00000227057.9	0.764206865	2	2	0.476387433	Brain_Cerebellum			
	0.874554902	Brain_Cortex	1.442395507	0.557604493	0.557604493				
	0.157875503	0.712124905	0.435000204	0.391913511	2	0			
	0.998207054								
ZDHC17	ENSG00000186908.14	0.764221086	2	2	0.540848495				
	Brain_Cerebellum	0.685011485	Brain_Frontal_Cortex_BA9		1.001437671				

	0.998562329	0.998562329	-0.611530406	-0.405634079	-0.508582243
	0.145590689	2 0	0.998207054		
RP11-554A11.8	ENSG00000261070.1		0.764348589	1 1	0.764348589
	Brain_Cerebellum	0.764348589	Brain_Cerebellum	1 1 1	0.299775258
	0.299775258	0.299775258	NA 1	0	0.998207054
NAGK	ENSG00000124357.12	0.764357225	7 7	7	0.142838425
	Brain_Substantia_nigra	0.993127697	Brain_Frontal_Cortex	BA9	
	2.845449366	0.238356841	0.238356841	-0.084107251	1.465302425
	0.437410449	0.579538917	7 0	0.998207054	
HLA-A	ENSG00000206503.12	0.764540411	12 5	5	0.157442966
	Brain_Hippocampus	0.828207584	Brain_Cortex	8.088927874	
	0.027076444	0.49405935	-1.413723964	0.293483106	-0.652857465
	0.437792126	5 0	0.998207054		
YIPF4	ENSG00000119820.10	0.764584488	6 6	6	0.131532832
	Brain_Frontal_Cortex	BA9	0.664433536	Brain_Cerebellum	2.960858101
	0.195344973	0.195344973	-1.508084771	0.4338002	-0.75836072
	0.705051974	6 0	0.998207054		
TBC1D31	ENSG00000156787.16	0.76466009	8 6	6	0.307118796
	Brain_Putamen_basal_ganglia	0.955749724	Brain_Cerebellar	Hemisphere	
	5.104067402	0.024785677	0.198140362	-0.731906216	1.02128634
	-0.159363395	0.561422621	6 0	0.998207054	
KRCC1	ENSG00000172086.7	0.764754058	3 3	3	0.367059501
	Brain_Caudate_basal_ganglia	0.654680104	Brain_Nucleus_accumbens_basal_ganglia		
	1.368084758	0.612037249	0.612037249	-0.487574743	0.901995042
	0.287230109	0.708474156	3 0	0.998207054	
TSPAN17	ENSG00000048140.17	0.764848596	3 3	3	0.477037211
	Brain_Cortex	0.774587816	Brain_Nucleus_accumbens_basal_ganglia	1.25558706	
	0.764158809	0.764158809	-0.711075887	0.286379054	-0.349740287
	0.552592678	3 0	0.998207054		
TRIM66	ENSG00000166436.15	0.764901121	8 8	8	0.17938115
	Brain_Substantia_nigra	0.875933034	Brain_Amygdala	3.897014185	
	0.149079276	0.149079276	-1.342662908	0.715381769	-0.522610119
	0.605571432	8 0	0.998207054		
TNS1	ENSG00000079308.16	0.764948525	1 1	1	0.764948525
	Brain_Nucleus_accumbens_basal_ganglia	0.764948525			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	0.298988887	
	0.298988887	0.298988887	NA 1	0	0.998207054
KCNE4	ENSG00000152049.6	0.764958841	1 1	1	0.764958841
	Brain_Nucleus_accumbens_basal_ganglia	0.764958841			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	0.298975366	
	0.298975366	0.298975366	NA 1	0	0.998207054
ARAP1	ENSG00000186635.14	0.764978621	3 3	3	0.316329366
	Brain_Hypothalamus	0.942165729	Brain_Cerebellum	1.636582069	0.49483008
	0.49483008	-0.072548099	1.002029457	0.393617782	0.551230107
	0	0.998207054			3
SFTPD	ENSG00000133661.15	0.7650039	13 6	6	0.257263696
	Brain_Caudate_basal_ganglia	0.957392942	Brain_Hippocampus	9.22396022	
	0.004292412	0.327052974	-0.945784067	1.132882272	-0.107634194
	0.523499134	6 0	0.998207054		
RAB10	ENSG00000084733.10	0.765204268	1 1	1	0.765204268
	Brain_Cortex	1 1	1	-0.298653725	-0.298653725
	-0.298653725	NA 1	0	0.998207054	
PEX10	ENSG00000157911.9	0.76526084	10 3	3	0.151998956
	Brain_Cerebellar_Hemisphere	0.844946876	Brain_Spinal_cord_cervical_c-1		
	7.970882862	2.12E-16	0.323047994	-1.432506371	-0.19556983
	-0.740187021	0.347378701	3 0	0.998207054	
IL1RL2	ENSG00000115598.9	0.765347652	3 3	3	0.566315428
	Brain_Caudate_basal_ganglia	0.887478105	Brain_Nucleus_accumbens_basal_ganglia		
	1.93631197	0.106040605	0.106040605	0.141496019	0.573486366
	0.41068643	0.234825712	3 0	0.998207054	
RP11-1246C19.1	ENSG00000273230.1	0.765347669	7 6	6	0.156423833
	Brain_Cortex	0.986363562	Brain_Nucleus_accumbens_basal_ganglia		

	3.691992899	0.022135814	0.142804483	-1.417202152	-0.017091573
	-0.778885497	0.508380354	6 0	0.998207054	
TMPRSS9	ENSG00000178297.12	0.765465192	3 3	0.518972111	
	Brain_Frontal_Cortex_BA9	0.785666766		Brain_Cerebellum	1.923863181
	0.327236305	0.327236305	-0.644930677	0.626804187	-0.096689432
	0.653729636	3 0	0.998207054		
NUS1	ENSG00000153989.7	0.765473217	3 3	0.287368749	Brain_Cerebellum
	0.929629726	Brain_Hippocampus	1.860971027	0.128696484	
	0.128696484	-1.063911597	-0.088310711	-0.69060019	0.526566701
	3 0	0.998207054			
SLC47A1	ENSG00000142494.13	0.76547881	3 3	0.364890461	
	Brain_Putamen_basal_ganglia	0.985097597		Brain_Anterior_cingulate_cortex_BA24	
	1.696443871	0.302555734	0.302555734	0.018678478	0.906085762
	0.382726545	0.464658965	3 0	0.998207054	
TMEM230	ENSG00000089063.14	0.765547925	8 1	0.493050282	
	Brain_Cortex	0.826068411		Brain_Caudate_basal_ganglia	7.797247161
	5.70E-08	7.797247161	-0.685465408	-0.219746727	-0.297883832
	0.157759335	1 0	0.998207054		
MIB1	ENSG00000101752.11	0.76557963	9 7	0.113656452	Brain_Cerebellum
	0.968645549	Brain_Cortex	3.798173657	0.108033995	0.270724678
	0.039307096	1.581969857	0.801350553	0.521564168	7 0
	0.998207054				
PNMA1	ENSG00000176903.4	0.765608158	2 1	0.709006016	
	Brain_Frontal_Cortex_BA9	0.824778449		Brain_Hypothalamus	1.988917208
	0.011082792	1.988917208	-0.373191374	-0.221403267	-0.29729732
	0.1073304	1 0	0.998207054		
IGLON5	ENSG00000142549.9	0.765641077	2 2	0.475031611	
	Brain_Nucleus_accumbens_basal_ganglia	0.809060774		Brain_Cerebellum	
	1.123806851	0.876193149	0.876193149	0.241637872	0.714316307
	0.47797709	0.334234127	2 0	0.998207054	
KCNMB1	ENSG00000145936.8	0.765661552	4 4	0.179640314	
	Brain_Cortex	0.962637732		Brain_Caudate_basal_ganglia	1.507839291
	0.500461065	0.500461065	-0.12489789	1.341863328	0.296554245
	0.700626836	4 0	0.998207054		
LINC01798	ENSG00000232046.6	0.765753673	2 2	0.515199169	
	Brain_Cerebellar_Hemisphere	0.520013892		Brain_Cerebellum	1.568843045
	0.431156955	0.431156955	0.643323991	0.650763495	0.647043743
	0.005260524	2 0	0.998207054		
PCNX4	ENSG00000126773.12	0.765772173	5 4	0.312802773	
	Brain_Anterior_cingulate_cortex_BA24	0.961281003		Brain_Cerebellum	3.19205066
	0.025425938	0.205196863	-0.048546128	1.009358418	0.388473452
	0.419963419	4 0	0.998207054		
SRSF5	ENSG00000100650.15	0.765802306	3 3	0.373345463	
	Brain_Cerebellar_Hemisphere	0.979410457		Brain_Hypothalamus	1.207319163
	0.875244673	0.875244673	-0.517165207	0.890224292	0.132955705
	0.709786425	3 0	0.998207054		
BEGAIN	ENSG00000183092.16	0.765812354	3 3	0.285268731	
	Brain_Cerebellum	0.970418647		Brain_Hypothalamus	1.200951698
	0.790469037	0.790469037	-1.068558335	0.037083225	-0.423371905
	0.575504175	3 0	0.998207054		
GART	ENSG00000159131.16	0.76586864	1 1	0.76586864	
	Brain_Nucleus_accumbens_basal_ganglia	0.76586864			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	-0.297783197	
	-0.297783197	-0.297783197	NA 1	0.998207054	
C10orf67	ENSG00000179133.12	0.766072768	4 4	0.413258239	
	Brain_Caudate_basal_ganglia	0.824849253		Brain_Amygdala	2.736910261
	0.214338212	0.214338212	-0.8181733	0.397172351	-0.106785105
	0.542295939	4 0	0.998207054		
RGS2	ENSG00000116741.7	0.766165262	1 1	0.766165262	
	Brain_Caudate_basal_ganglia	0.766165262		Brain_Caudate_basal_ganglia	1 1
	1	-0.297394605	-0.297394605	-0.297394605	NA 1 0
	0.998207054				

CTC-340D7.1	ENSG00000249335.1	0.766188084	2	2	0.491410659			
	Brain_Putamen_basal_ganglia	0.623158888				Brain_Frontal_Cortex_BA9		
	1.388209539	0.611790461	0.611790461			-0.688066891		-0.49137833
	-0.589722611	0.139079815	2	0	0.998207054			
TATDN3	ENSG00000203705.10	0.766192063	5	3	0.291077107			
	Brain_Cortex	0.847850594				Brain_Cerebellum	4.06292768	0.069659166
	0.219884419	0.19186163	1.055761686			0.699933669		0.328927902
	0	0.998207054						3
RP11-318G21.4	ENSG00000233379.1	0.766298891	1	1	0.766298891			
	Brain_Caudate_basal_ganglia	0.766298891				Brain_Caudate_basal_ganglia	1	1
	1	0.297219558	0.297219558	0.297219558	NA	1	0	
	0.998207054							
KAZN	ENSG00000189337.16	0.766365718	1	1	0.766365718			
	Brain_Cerebellar_Hemisphere	0.766365718				Brain_Cerebellar_Hemisphere	1	1
	1	-0.297132022	-0.297132022	-0.297132022	NA	1	0	
	0.998207054							
TTL	ENSG00000114999.7	0.766381179	1	1	0.766381179			
	Brain_Putamen_basal_ganglia	0.766381179				Brain_Putamen_basal_ganglia	1	1
	1	0.29711177	0.29711177	0.29711177	NA	1	0	0.998207054
	0.998207054							
RP11-79P5.9	ENSG00000272525.1	0.766548948	1	1	0.766548948			
	Brain_Frontal_Cortex_BA9	0.766548948				Brain_Frontal_Cortex_BA9	1	1
	1	0.29689202	0.29689202	0.29689202	NA	1	0	0.998207054
	0.998207054							
RP11-778D9.13	ENSG00000273181.1	0.766634839	1	1	0.766634839			
	Brain_Putamen_basal_ganglia	0.766634839				Brain_Putamen_basal_ganglia	1	1
	1	0.296779525	0.296779525	0.296779525	NA	1	0	
	0.998207054							
NUDT6	ENSG00000170917.13	0.766647634	3	3	0.321815291			
	Brain_Hypothalamus	0.926434595				Brain_Amygdala	1.583292402	
	0.569616329	0.569616329	-0.092331584			0.990734395		0.386712075
	0.552243359	3	0	0.998207054				
HIST1H2BK	ENSG00000197903.7	0.766747078	1	1	0.766747078			
	Brain_Caudate_basal_ganglia	0.766747078				Brain_Caudate_basal_ganglia	1	1
	1	0.296632523	0.296632523	0.296632523	NA	1	0	
	0.998207054							
RNLS	ENSG00000184719.11	0.766784239	1	1	0.766784239			
	Brain_Putamen_basal_ganglia	0.766784239				Brain_Putamen_basal_ganglia	1	1
	1	0.296583854	0.296583854	0.296583854	NA	1	0	
	0.998207054							
TTC38	ENSG00000075234.16	0.766786946	7	3	0.242814895		Brain_Cortex	
	0.932476489	Brain_Cerebellar_Hemisphere	5.467164988			0.002884645		
	0.294941503	0.084729442	1.167979845			0.878808502		0.359686388
	3	0	0.998207054					
PELI1	ENSG00000197329.11	0.766842522	1	1	0.766842522			
	Brain_Spinal_cord_cervical_c-1	0.766842522				Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.296507523	0.296507523	0.296507523	NA	1
	0.998207054							0
LGR6	ENSG00000133067.17	0.766886652	3	3	0.304075696			
	Brain_Hypothalamus	0.492602003				Brain_Substantia_nigra		2.122539013
	0.312666447	0.312666447	0.686176202			1.027732457		0.805855095
	0.192350108	3	0	0.998207054				
IMPDH1	ENSG00000106348.16	0.766911721	1	1	0.766911721			
	Brain_Cortex	0.766911721				Brain_Cortex	1	1
	-0.296416899	-0.296416899	NA	1	0	0.998207054		
	0.998207054							
CRTAP	ENSG00000170275.14	0.766990958	10	8	0.297079912			
	Brain_Spinal_cord_cervical_c-1	0.997914187				Brain_Amygdala		5.958056521
	0.015879861	0.253729958	-0.701885109			1.042715856		0.09090032
	0.526393932	8	0	0.998207054				
ZFP41	ENSG00000181638.17	0.767006655	3	2	0.46726484			
	Brain_Cerebellar_Hemisphere	0.583375595				Brain_Cortex		2.828046033
	0.017530504	0.154423462	0.548460717			0.726936526		0.649823217
	0.091675629	2	0	0.998207054				
C22orf29	ENSG00000215012.8	0.767007649	10	7	0.448883219			

	Brain_Anterior_cingulate_cortex_BA24	0.81811202	Brain_Hippocampus				
	6.056248745	0.002826985	0.256721235	-0.757278183	0.46753652		
	-0.150834008	0.450591173	7	0	0.998207054		
RINT1	ENSG00000135249.7	0.767069275	1	1	0.767069275	Brain_Cortex	
	0.767069275	Brain_Cortex	1	1	0.296210573	0.296210573	
	0.296210573	NA	1	0	0.998207054		
SH2B2	ENSG00000160999.10	0.767156209	8	3	0.350876491		
	Brain_Caudate_basal_ganglia	0.760682211			Brain_Nucleus_accumbens_basal_ganglia		
	6.753689851	1.24E-18	0.227824709		0.304585046	0.932890533	
	0.667805477	0.23675038	3	0	0.998207054		
KLHDC7B	ENSG00000130487.5	0.767252367	2	2	0.512402039		
	Brain_Frontal_Cortex_BA9	0.746998746			Brain_Cerebellum	1.008006172	
	0.991993828	0.991993828	-0.655102071		0.32259927	-0.1662514	
	0.691339248	2	0	0.998207054			
AP5B1	ENSG00000254470.2	0.767374544	7	7	0.160499834		
	Brain_Hypothalamus	0.861671176			Brain_Cortex	3.316282103	
	0.116468145	0.116468145	-0.174247221		1.403392479	0.782819213	
	0.525171859	7	0	0.998207054			
ELOF1	ENSG00000130165.10	0.767400167	1	1	0.767400167		
	Brain_Hypothalamus	0.767400167			Brain_Hypothalamus	1	1
	0.295777291	0.295777291	0.295777291	NA	1	0	0.998207054
ZNF713	ENSG00000178665.14	0.767429324	6	5	0.32185599	Brain_Amygdala	
	0.975075233	Brain_Anterior_cingulate_cortex_BA24	3.171536945				
	0.089561165	0.190504864	-0.990651072		0.138129895	-0.458690869	
	0.539899661	5	0	0.998207054			
UG0898H09	ENSG00000274956.2	0.767481165	1	1	0.767481165		
	Brain_Nucleus_accumbens_basal_ganglia	0.767481165					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.295671238		
	-0.295671238	-0.295671238	NA	1	0	0.998207054	
P2RY13	ENSG00000181631.6	0.76752738	2	2	0.522526959		
	Brain_Caudate_basal_ganglia	0.768733451			Brain_Amygdala	1.08072615	0.91927385
	0.91927385	-0.639455031	0.294032001		-0.172711515	0.66007501	2
	0.998207054						0
HAPLN2	ENSG00000132702.12	0.767571132	1	1	0.767571132		
	Brain_Hypothalamus	0.767571132			Brain_Hypothalamus	1	1
	-0.295553444	-0.295553444	-0.295553444	NA	1	0	0.998207054
HNRNPUL1	ENSG00000105323.16	0.767660157	2	2	0.473179353		
	Brain_Cerebellum	0.690680521			Brain_Hippocampus	1.402261269	
	0.597738731	0.597738731	0.397931715		0.71731565	0.557623682	
	0.225838546	2	0	0.998207054			
DPP4	ENSG00000197635.9	0.76769685	2	2	0.505762779	Brain_Cortex	
	0.687488036	Brain_Cerebellar_Hemisphere	1.17052666	0.82947334	0.82947334		
	0.402266324	0.665449898	0.533858111		0.18609889	2	0
	0.998207054						
CCDC130	ENSG00000104957.13	0.767859052	1	1	0.767859052		
	Brain_Hypothalamus	0.767859052			Brain_Hypothalamus	1	1
	-0.295176501	-0.295176501	-0.295176501	NA	1	0	0.998207054
SPAG4	ENSG00000061656.9	0.768129563	1	1	0.768129563		
	Brain_Cerebellar_Hemisphere	0.768129563			Brain_Cerebellar_Hemisphere	1	1
	1	0.294822388	0.294822388	0.294822388	NA	1	0
	0.998207054						
SIX3	ENSG00000138083.4	0.768143894	2	2	0.470468267		
	Brain_Cerebellar_Hemisphere	0.816119479			Brain_Cerebellum	1.21151507	0.78848493
	0.78848493	-0.72171736	-0.232538898		-0.477128129	0.345901408	2
	0	0.998207054					
RP11-111K18.2	ENSG00000261019.1	0.768174841	9	2	0.336151906		
	Brain_Anterior_cingulate_cortex_BA24	0.853536908			Brain_Amygdala		
	7.809365902	0.001107464	0.669314326		-0.277053931	0.961796361	
	0.361250121	0.327533298	2	0	0.998207054		
RMI2	ENSG00000175643.8	0.768322596	13	2	0.401826805		
	Brain_Anterior_cingulate_cortex_BA24	0.83333037			Brain_Spinal_cord_cervical_c-1		
	11.96147866	0.002802928	0.486521013		-0.210432192	0.838363104	

0.473550204	0.25569987	2	0	0.998207054					
AC018755.17	ENSG00000267808.1		0.768481659	2	2	0.475140761			
Brain_Substantia_nigra	0.913936667		Brain_Putamen_basal_ganglia						
1.322527081	0.677472919		0.677472919			-0.714139762			-0.10807441
-0.411107086	0.42855292	2	0	0.998207054					
ZNF628	ENSG00000197483.9		0.768499643	2	2	0.537576403			
Brain_Spinal_cord_cervical_c-1	0.712291629		Brain_Caudate_basal_ganglia						
1.022676093	0.977323907		0.977323907			-0.368780113			0.616482068
0.123850978	0.696685569	2	0	0.998207054					
ERMN	ENSG00000136541.14		0.768521631	1	1	0.768521631			
Brain_Cerebellar_Hemisphere	0.768521631		Brain_Cerebellar_Hemisphere1						1
1	-0.294309216		-0.294309216			-0.294309216	NA	1	0
0.998207054									
ANXA6	ENSG00000197043.13		0.768549095	4	4	0.185752299			
Brain_Caudate_basal_ganglia	0.767977831		Brain_Cerebellum2			0.076016972			
0.199820307	0.199820307		-1.323249861			-0.295021009			-0.617682324
0.475757911	4	0	0.998207054						
MTOR	ENSG00000198793.12		0.76861558	3	3	0.419196988			Brain_Cortex
0.797225358	Brain_Putamen_basal_ganglia		1.914258884			0.342747007			
0.342747007	-0.352389209		0.807815174			0.066162103			0.644061032
3	0		0.998207054						
ZNF497	ENSG00000174586.10		0.768621633	5	4	0.311653434			
Brain_Cortex	0.837347502		Brain_Frontal_Cortex_BA9			2.553342184			
0.033994044	0.272241072		-1.011758715			0.502079275			-0.323686686
0.564468654	4	0	0.998207054						
NRSN2	ENSG00000125841.12		0.768674203	1	1	0.768674203			
Brain_Hypothalamus	0.768674203		Brain_Hypothalamus			1	1	1	
-0.294109538	-0.294109538		-0.294109538			NA	1	0	0.998207054
NTN4	ENSG00000074527.11		0.768684148	4	4	0.277101951			
Brain_Frontal_Cortex_BA9	0.974638138		Brain_Cerebellum1			1.662428321			
0.501734292	0.501734292		-1.086852614			0.212836358			-0.314658602
0.564507151	4	0	0.998207054						
YAP1	ENSG00000137693.13		0.768684954	3	3	0.434814355			Brain_Amygdala
0.855823428	Brain_Hippocampus		1.087360397			0.944777411			
0.944777411	-0.664729834		0.780979835			0.099314432			0.726366863
3	0		0.998207054						
THY1	ENSG00000154096.13		0.768713028	3	3	0.501160367			
Brain_Hypothalamus	0.840138283		Brain_Cerebellar_Hemisphere1			1.872028971			
0.135558949	0.135558949		-0.21931977			0.672665113			0.218353981
0.446225122	3	0	0.998207054						
ZNF835	ENSG00000127903.13		0.768731549	3	3	0.317340315			
Brain_Cerebellum	0.75399786		Brain_Putamen_basal_ganglia			1.405646888			
0.641553307	0.641553307		0.313372256			0.999938409			0.591427882
0.361396087	3	0	0.998207054						
MCUR1	ENSG00000050393.11		0.76893482	13	6	0.161340284			
Brain_Anterior_cingulate_cortex_BA24	0.849784975		Brain_Cerebellar_Hemisphere						
8.586247904	5.90E-06		0.298032818			-0.746487846			1.400578064
0.774918694	0.648004737		6	0	0.998207054				
PLCG2	ENSG00000197943.9		0.768959214	6	4	0.299364803			Brain_Amygdala
0.899600124	Brain_Putamen_basal_ganglia		2.960006591			0.016381116			
0.842684001	-1.037796508		-0.126166506			-0.646404881			0.405493929
4	0		0.998207054						
RP1-63M2.7	ENSG00000275223.1		0.769174378	1	1	0.769174378			
Brain_Spinal_cord_cervical_c-1	0.769174378		Brain_Spinal_cord_cervical_c-1						
1	1	1	-0.293455017			-0.293455017			NA
0.998207054									1
0									
ALDH1A3	ENSG00000184254.16		0.769207033	1	1	0.769207033			
Brain_Frontal_Cortex_BA9	0.769207033		Brain_Frontal_Cortex_BA9			1			1
1	-0.293412289		-0.293412289			-0.293412289			NA
0.998207054									1
0									
PKP3	ENSG00000184363.9		0.769376276	3	3	0.415786052			
Brain_Cerebellar_Hemisphere	0.744782293		Brain_Anterior_cingulate_cortex_BA24						

	2.131773985	0.182936293	0.182936293	-0.813753721	0.325526945				
	-0.359000208	0.603396265	3	0	0.998207054				
RP11-245P10.6	ENSG00000270104.1	0.769552791	2	2	0.474481424				
	Brain_Nucleus_accumbens_basal_ganglia	0.888318499			Brain_Cerebellum				
	1.040967766	0.959032234	0.959032234	-0.140432224	0.715206548				
	0.287387162	0.605027978	2	0	0.998207054				
UNC13C	ENSG00000137766.16	0.769602569	2	2	0.576396211				
	Brain_Cerebellar_Hemisphere	0.63683425	Brain_Caudate_basal_ganglia	1.021780974					
	0.978219026	0.978219026	-0.558656443	0.47212965	-0.043263396				
	0.728875836	2	0	0.998207054					
RAB7B	ENSG00000276600.4	0.769722855	3	2	0.375243319				
	Brain_Nucleus_accumbens_basal_ganglia	0.587303422	Brain_Caudate_basal_ganglia						
	2.638703051	0.070223464	0.291073484	-0.886694651	-0.542747853				
	-0.671352618	0.187662903	2	0	0.998207054				
LINC02009	ENSG00000283646.1	0.769782189	2	2	0.598769798				
	Brain_Cerebellum	0.711094742	Brain_Spinal_cord_cervical_c-1	1.217051843					
	0.782948157	0.782948157	-0.526170429	-0.370386217	-0.448278323				
	0.110156073	2	0	0.998207054					
PKD1	ENSG00000008710.19	0.769813577	1	1	0.769813577				
	Brain_Hypothalamus	0.769813577	Brain_Hypothalamus	1	1	1			
	0.292618755	0.292618755	0.292618755	NA	1	0	0.998207054		
RNASEH1	ENSG00000171865.9	0.769875037	1	1	0.769875037				
	Brain_Caudate_basal_ganglia	0.769875037	Brain_Caudate_basal_ganglia	1	1				
	1	0.292538357	0.292538357	0.292538357	NA	1	0		
	0.998207054								
CTC-498M16.4	ENSG00000271904.1	0.769905984	11	2	0.334161119				
	Brain_Putamen_basal_ganglia	0.811467456	Brain_Substantia_nigra						
	9.617154264	0.004121734	0.593507199	0.238533345	0.965766333				
	0.537220934	0.215517828	2	0	0.998207054				
DCHS2	ENSG00000197410.12	0.769941897	1	1	0.769941897	Brain_Amygdala			
	0.769941897	Brain_Amygdala	1	1	1	-0.292450899	-0.292450899		
	-0.292450899	NA	1	0	0.998207054				
MDN1	ENSG00000112159.11	0.770012205	1	1	0.770012205				
	Brain_Substantia_nigra	0.770012205	Brain_Substantia_nigra	1	1				
	1	-0.292358932	-0.292358932	-0.292358932	NA	1	0		
	0.998207054								
AHSG	ENSG00000145192.12	0.770042107	2	2	0.5998146	Brain_Cortex			
	0.623534113	Brain_Caudate_basal_ganglia	1.012297456	0.987702544					
	0.987702544	-0.524667146	-0.490847781	-0.507757464	0.023913902				
	2	0	0.998207054						
ANXA2	ENSG00000182718.16	0.770292249	2	2	0.594686172				
	Brain_Frontal_Cortex_BA9	0.599597566	Brain_Cerebellum	1.070352006					
	0.929647994	0.929647994	-0.532057499	-0.524979321	-0.52851841				
	0.005005028	2	0	0.998207054					
TRMT11	ENSG00000066651.18	0.770301429	6	5	0.334133388				
	Brain_Cerebellum	0.971473912	Brain_Spinal_cord_cervical_c-1	3.949364486					
	0.08636077	0.166472096	-0.965821741	0.127773247	-0.371381352				
	0.47800462	5	0	0.998207054					
DCPS	ENSG00000110063.8	0.770373021	1	1	0.770373021	Brain_Cerebellum			
	0.770373021	Brain_Cerebellum	1	1	1	0.291887003	0.291887003		
	0.291887003	NA	1	0	0.998207054				
VSX1	ENSG00000100987.14	0.770539885	13	2	0.269265751				
	Brain_Anterior_cingulate_cortex_BA24	0.990594957	Brain_Amygdala						
	11.49861158	0.001261399	0.56261482	-1.104755031	0.135257884				
	-0.165628483	0.313394554	2	0	0.998207054				
ECT2L	ENSG00000203734.11	0.770736271	1	1	0.770736271				
	Brain_Frontal_Cortex_BA9	0.770736271	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.291411956	-0.291411956	-0.291411956	NA	1	0		
	0.998207054								
CD300LB	ENSG00000178789.8	0.770831964	1	1	0.770831964				
	Brain_Spinal_cord_cervical_c-1	0.770831964	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.291286824	-0.291286824	-0.291286824	NA	1	0

0.998207054
CREG1 ENSG00000143162.7 0.770885008 7 6 0.124293901
Brain_Putamen_basal_ganglia 0.832905815 Brain_Amygdala 4.182836919
0.065169025 0.146327147 -1.536997584 0.210976236 -0.939619676
0.564308237 6 0 0.998207054
TIE1 ENSG00000066056.13 0.770897909 2 2 0.58387787 Brain_Hippocampus
0.840800113 Brain_Cortex 1.836454504 0.163545496 0.163545496
-0.547729184 -0.200870144 -0.374299664 0.245266379 2 0
0.998207054
SALL3 ENSG00000256463.8 0.770903253 2 2 0.475138802
Brain_Caudate_basal_ganglia 0.938843391 Brain_Amygdala 1.035172899
0.964827101 0.964827101 -0.71414293 0.076723649 -0.318709641
0.559227121 2 0 0.998207054
PPP1R3C ENSG00000119938.8 0.771062887 1 1 0.771062887
Brain_Cerebellar_Hemisphere 0.771062887 Brain_Cerebellar_Hemisphere 1 1
1 -0.290984875 -0.290984875 -0.290984875 NA 1 0
0.998207054
BTNL8 ENSG00000113303.11 0.771121923 4 4 0.271367365
Brain_Nucleus_accumbens_basal_ganglia 0.865815244 Brain_Amygdala
1.864295561 0.373740913 0.373740913 -1.099919116 0.231099681
-0.368704931 0.559463657 4 0 0.998207054
GABRA2 ENSG00000151834.15 0.771183227 5 5 0.173103617
Brain_Anterior_cingulate_cortex_BA24 0.716686993
Brain_Nucleus_accumbens_basal_ganglia 2.529781113 0.140114883
0.140114883 0.362890086 1.362298764 0.872557574 0.401566769
5 0 0.998207054
MESDC2 ENSG00000117899.10 0.771590909 13 3 0.253074977
Brain_Caudate_basal_ganglia 0.967685385 Brain_Hypothalamus 11.22978223
3.82E-08 0.403756578 -1.142912369 0.049704554 -0.589205592
0.364788854 3 0 0.998207054
CCIN ENSG00000185972.5 0.77165495 3 3 0.443124858
Brain_Nucleus_accumbens_basal_ganglia 0.676998182 Brain_Hippocampus
1.126220201 0.840829222 0.840829222 -0.416562857 0.766927103
0.333020104 0.651844004 3 0 0.998207054
SETDB2 ENSG00000136169.16 0.771700974 9 4 0.311582335
Brain_Cortex 0.996032017 Brain_Caudate_basal_ganglia 5.97659953
0.012064875 0.342818874 -1.011907391 0.793024236 -0.088805168
0.564557556 4 0 0.998207054
PMM2 ENSG00000140650.11 0.771953857 2 2 0.523885606
Brain_Caudate_basal_ganglia 0.784171123 Brain_Frontal_Cortex_BA9
1.091792404 0.908207596 0.908207596 -0.273887441 0.637367326
0.181739942 0.644354425 2 0 0.998207054
ZFAND2B ENSG00000158552.12 0.771964788 2 2 0.472354275
Brain_Cerebellar_Hemisphere 0.510224163 Brain_Cerebellum 1.895060597
0.104939403 0.104939403 -0.718653769 -0.658488689 -0.688571229
0.042543136 2 0 0.998207054
ATAD2 ENSG00000156802.12 0.771965083 2 2 0.578077324
Brain_Cerebellar_Hemisphere 0.641587428 Brain_Putamen_basal_ganglia
1.016481397 0.983518603 0.983518603 -0.465480459 0.556195341
0.045357441 0.722433886 2 0 0.998207054
GPR135 ENSG00000181619.11 0.772046463 6 5 0.233779799
Brain_Cerebellar_Hemisphere 0.836519562 Brain_Caudate_basal_ganglia
4.292734628 0.040817097 0.196169667 -1.190678558 -0.206347392
-0.740967087 0.439518036 5 0 0.998207054
ERO1B ENSG00000086619.13 0.772087096 12 3 0.24662259 Brain_Cerebellum
0.959607116 Brain_Substantia_nigra 9.825191245 0.000239026
0.551394099 -0.050646616 1.158591857 0.864850512 0.35382488 3
0 0.998207054
TYRP1 ENSG00000107165.12 0.772152606 1 1 0.772152606
Brain_Caudate_basal_ganglia 0.772152606 Brain_Caudate_basal_ganglia 1 1
1 0.289560348 0.289560348 0.289560348 NA 1 0
0.998207054

COX7A2L	ENSG00000115944.14	0.772178751	4	3	0.687861161		
	Brain_Cortex	0.912747094			Brain_Cerebellum	2.769710432	0.019704251
	0.211015992	-0.319357326	0.401759324	-0.035900921			0.307574894
	3	0	0.998207054				
HARS2	ENSG00000112855.14	0.772181551	3	3	0.462634965		Brain_Cerebellum
	0.935169457	Brain_Nucleus_accumbens_basal_ganglia	2.149859893				
	0.163784407	0.163784407	-0.734514929	0.08134265	-0.382273578		
	0.419176776	3	0	0.998207054			
CD74	ENSG00000019582.14	0.77238346	1	1	0.77238346		
	Brain_Anterior_cingulate_cortex_BA24	0.77238346					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.289258641		
	0.289258641	0.289258641	NA	1	0	0.998207054	
RHOB	ENSG00000143878.9	0.772388846	1	1	0.772388846		
	Brain_Caudate_basal_ganglia	0.772388846			Brain_Caudate_basal_ganglia	1	1
	1	0.289251601	0.289251601	0.289251601	NA	1	0
	0.998207054						
PRSS21	ENSG00000007038.10	0.772463637	2	2	0.58199117		
	Brain_Caudate_basal_ganglia	0.632607129			Brain_Nucleus_accumbens_basal_ganglia		
	1.029803846	0.970196154	0.970196154	0.478060523	0.550478572		
	0.514269547	0.051207294	2	0	0.998207054		
GPNMB	ENSG00000136235.15	0.772513582	11	1	0.536737497		Brain_Cortex
	0.925021739	Brain_Amygdala	10.69014259		0.000783035		10.69014259
	-0.094110048	0.61775402	0.284258677	0.180341037	1	0	
	0.998207054						
AC025335.1	ENSG00000179859.9	0.772528284	2	2	0.472545554		
	Brain_Cerebellum	0.907037084			Brain_Cerebellar_Hemisphere	1.145360065	
	0.854639935	0.854639935	-0.718343437	-0.116776605	-0.417560021		
	0.425371986	2	0	0.998207054			
RP11-770G2.2	ENSG00000255557.1	0.772573287			1	1	0.772573287
	Brain_Cortex	0.772573287			Brain_Cortex	1	1
	-0.289010572	-0.289010572	NA	1	0	0.998207054	-0.289010572
CELA1	ENSG00000139610.1	0.772601461	1	1	0.772601461		
	Brain_Spinal_cord_cervical_c-1	0.772601461			Brain_Spinal_cord_cervical_c-1		
	1	1	1	0.288973756	0.288973756	0.288973756	NA
	0.998207054						1
TFPI2	ENSG00000105825.11	0.772706595	1	1	0.772706595		Brain_Cortex
	0.772706595	Brain_Cortex	1	1	1	-0.288836374	-0.288836374
	-0.288836374	NA	1	0	0.998207054		
RRAGD	ENSG00000025039.14	0.772758301	3	3	0.520268939		
	Brain_Substantia_nigra	0.721379237			Brain_Cortex	1.718289693	
	0.350240285	0.350240285	-0.356616081	0.642930899	0.228718499		
	0.521282689	3	0	0.998207054			
GRB10	ENSG00000106070.17	0.77340203	1	1	0.77340203		Brain_Hypothalamus
	0.77340203	Brain_Hypothalamus	1	1	1	-0.28792777	-0.28792777
	-0.28792777	NA	1	0	0.998207054		
GNPNAT1	ENSG00000100522.8	0.773407051	2	2	0.497163472		
	Brain_Putamen_basal_ganglia	0.835623264			Brain_Cerebellar_Hemisphere		
	1.033004726	0.966995274	0.966995274	-0.207495043	0.678959582		
	0.23573227	0.626818077	2	0	0.998207054		
WDR63	ENSG00000162643.12	0.773508908	2	2	0.521890181		
	Brain_Substantia_nigra	0.748667532			Brain_Cortex	1.002007093	
	0.997992907	0.997992907	-0.320396825	0.640434466	0.160018821		
	0.679410322	2	0	0.998207054			
FBXO25	ENSG00000147364.16	0.773512393	1	1	0.773512393		
	Brain_Cerebellar_Hemisphere	0.773512393			Brain_Cerebellar_Hemisphere	1	1
	1	-0.287783599	-0.287783599	-0.287783599	NA	1	0
	0.998207054						
RP11-799B12.4	ENSG00000265750.1	0.77356651	9	9	0.161736447		
	Brain_Substantia_nigra	0.965713381			Brain_Hypothalamus	3.259918189	
	0.194123852	0.194123852	-1.399255274	1.12865711	0.310983434		
	0.898704605	9	0	0.998207054			
CTD-2588E21.1	ENSG00000277763.1	0.77357297	1	1	0.77357297		

	Brain_Frontal_Cortex_BA9	0.77357297	Brain_Frontal_Cortex_BA9	1	1	1
	-0.287704468	-0.287704468	-0.287704468	NA	1	0
RP11-706P11.2	ENSG00000278703.1	0.773688913		1	1	0.773688913
	Brain_Hippocampus	0.773688913	Brain_Hippocampus	1	1	1
	-0.287553017	-0.287553017	-0.287553017	NA	1	0
RNASE2	ENSG00000169385.2	0.773697722		1	1	0.773697722
	Brain_Caudate_basal_ganglia	0.773697722	Brain_Caudate_basal_ganglia	1	1	1
	1	-0.287541511	-0.287541511	-0.287541511	NA	1
	0.998207054			1	0	
CTNNAL1	ENSG00000119326.14	0.773825612		8	7	0.140943555
	Brain_Frontal_Cortex_BA9	0.968408359	Brain_Hypothalamus			3.862888865
	0.103571688	0.271481211	-1.472286397			0.640877926
	0.633299241	7	0			0.998207054
NEURL3	ENSG00000163121.9	0.773884175		2	2	0.539002316
	Brain_Caudate_basal_ganglia	0.768092478	Brain_Putamen_basal_ganglia			
	1.821435051	0.178564949	0.178564949			0.294870932
	0.454596656	0.225886286	2	0		0.614322381
C9orf129	ENSG00000204352.2	0.773922271		2	2	0.529945971
	Brain_Hippocampus	0.700288205	Brain_Cortex			1.067007966
	0.932992034	0.932992034	0.384931449			0.628088493
	0.171937995	2	0			0.998207054
RP11-13P5.1	ENSG00000224478.1	0.773979561		2	2	0.498825219
	Brain_Putamen_basal_ganglia	0.686250656	Brain_Caudate_basal_ganglia			
	1.262735359	0.737264641	0.737264641			0.403948411
	0.540143877	0.192609475	2	0		0.676339343
LINC00606	ENSG00000226567.1	0.774022818		3	3	0.363465139
	Brain_Hippocampus	0.958481009	Brain_Amygdala			1.761252053
	0.377378737	0.377378737	-0.908782134			-0.052059845
	0.428710249	3	0			0.998207054
SERPIND1	ENSG00000099937.10	0.774075395		2	2	0.542405026
	Brain_Hypothalamus	0.649775403	Brain_Nucleus_accumbens_basal_ganglia			
	1.134423693	0.865576307	0.865576307			0.454074227
	0.531627196	0.109676461	2	0		0.609180166
MRC2	ENSG00000011028.13	0.774145514		3	3	0.309205046
	Brain_Putamen_basal_ganglia	0.877352353	Brain_Cortex			1.648318608
	0.351892283	0.351892283	-1.016891503			-0.154326438
	0.434948199	3	0			0.998207054
CHD5	ENSG00000116254.17	0.774191668		2	2	0.501014639
	Brain_Spinal_cord_cervical_c-1	0.871299952	Brain_Substantia_nigra			
	1.117952986	0.882047014	0.882047014			0.162007494
	0.417450818	0.361251413	2	0		0.672894142
DPY19L4	ENSG00000156162.16	0.774202585		2	2	0.474503733
	Brain_Cerebellum	0.525082674	Brain_Cerebellar_Hemisphere			1.87556677
	0.12443323	0.635530205	0.715170439			0.12443323
	0	0.998207054				0.675350322
DDA1	ENSG00000130311.10	0.774208161		3	2	0.466172467
	Brain_Cerebellum					
	0.835556711	Brain_Hippocampus	1.977984419			0.023284012
	0.998731569	-0.20758027	0.728720799			0.381017292
	2	0	0.998207054			0.512530372
ZNF808	ENSG00000198482.11	0.774229713		1	1	0.774229713
	Brain_Hypothalamus	0.774229713	Brain_Hypothalamus			1
	0.286846687	0.286846687	0.286846687	NA	1	0
LINC01654	ENSG00000261781.1	0.774261864		2	2	0.511049698
	Brain_Frontal_Cortex_BA9	0.877071066	Brain_Cortex			1.186829227
	0.813170773	0.813170773	0.154683212			0.657204087
	0.355335919	2	0			0.40594365
AMER3	ENSG00000178171.10	0.774290795		3	3	0.402534451
	Brain_Cortex	1.147033104				Brain_Amygdala
	0.734553406	Brain_Cortex	1.147033104			0.874087607
	-0.837103397	-0.339074768	-0.553728825			0.874087607
	0.998207054					3
LRRC56	ENSG00000161328.10	0.77431707		10	5	0.162606672
	Brain_Anterior_cingulate_cortex_BA24	0.935189709	Brain_Cerebellar_Hemisphere			

	5.962409792	0.037209349	0.319677059	-1.396358146	0.364320725			
	-0.442163943	0.516594649	5	0	0.998207054			
MYO7B	ENSG00000169994.18	0.774499668	2	2	0.730546502	Brain_Cerebellum		
	0.848378465	Brain_Putamen_basal_ganglia	1.71555623	0.28444377	0.28444377			
	-0.344398653	0.191187795	-0.076605429	0.378716809	2	0		
	0.998207054							
CYTH2	ENSG00000105443.13	0.77452826	10	9	0.061704651	Brain_Amygdala		
	0.937983492	Brain_Frontal_Cortex_BA9	5.126987402	0.13455708	0.20099108			
	-1.868412107	-0.077804594	-0.92877297	0.536667771	9	0		
	0.998207054							
RP11-310H4.2	ENSG00000233977.1	0.774598269	1	1	0.774598269			
	Brain_Nucleus_accumbens_basal_ganglia	0.774598269						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	-0.286365405				
	-0.286365405	-0.286365405	NA	1	0	0.998207054		
TRAF3IP3	ENSG00000009790.14	0.774613416	1	1	0.774613416			
	Brain_Cerebellar_Hemisphere	0.774613416	Brain_Cerebellar_Hemisphere	1	1			
	1	0.286345626	0.286345626	0.286345626	NA	1	0	
	0.998207054							
NUF2	ENSG00000143228.12	0.774692451	1	1	0.774692451			
	Brain_Hippocampus	0.774692451	Brain_Hippocampus	1	1	1		
	0.286242426	0.286242426	0.286242426	NA	1	0	0.998207054	
ZNF518A	ENSG00000177853.14	0.774693742	2	2	0.493060662			
	Brain_Spinal_cord_cervical_c-1	0.897465458	Brain_Cerebellum	1.104825831				
	0.895174169	0.895174169	-0.128863753	0.685448954	0.2782926			
	0.575806037	2	0	0.998207054				
CDC25B	ENSG00000101224.17	0.774712916	7	7	0.167850122			
	Brain_Cerebellum	0.908804386	Brain_Substantia_nigra	1.692238014				
	0.328030567	0.328030567	-1.071360266	1.379144771	0.006093162			
	0.821821933	7	0	0.998207054				
KCNH6	ENSG00000173826.14	0.774820852	1	1	0.774820852			
	Brain_Frontal_Cortex_BA9	0.774820852	Brain_Frontal_Cortex_BA9	1	1			
	1	-0.286074774	-0.286074774	-0.286074774	NA	1	0	
	0.998207054							
TMEM54	ENSG00000121900.18	0.774888119	2	2	0.540760784			
	Brain_Cerebellar_Hemisphere	0.708152647	Brain_Frontal_Cortex_BA9					
	1.009239267	0.990760733	0.990760733	-0.611662944	-0.374338291			
	-0.493000618	0.167813871	2	0	0.998207054			
CTD-3075F15.1	ENSG00000273565.1	0.775013484	1	1	0.775013484			
	Brain_Caudate_basal_ganglia	0.775013484	Brain_Caudate_basal_ganglia	1	1			
	1	-0.285823271	-0.285823271	-0.285823271	NA	1	0	
	0.998207054							
SLC29A3	ENSG00000198246.7	0.775038804	6	6	0.250400568			
	Brain_Spinal_cord_cervical_c-1	0.997544028	Brain_Cortex	3.328165467				
	0.175613247	0.175613247	-1.149376981	0.482016414	-0.360140657			
	0.629836875	6	0	0.998207054				
GMNN	ENSG00000112312.9	0.775103737	1	1	0.775103737			
	Brain_Putamen_basal_ganglia	0.775103737	Brain_Putamen_basal_ganglia	1	1			
	1	0.285705442	0.285705442	0.285705442	NA	1	0	
	0.998207054							
LMBRD1	ENSG00000168216.10	0.775127063	3	3	0.345977859			
	Brain_Cortex	0.741378785	Brain_Cerebellar_Hemisphere	1.71635197				
	0.328073378	0.328073378	0.330028027	0.942419594	0.64325023			
	0.306437546	3	0	0.998207054				
SUCLG2-AS1	ENSG00000241316.6	0.775148196	9	4	0.379692719			
	Brain_Cerebellum	0.871144311	Brain_Frontal_Cortex_BA9	7.101522192				
	0.000121642	0.250761928	-0.878462613	-0.162205142	-0.588619072			
	0.196859829	4	0	0.998207054				
KRIT1	ENSG00000001631.15	0.775157248	2	2	0.629088129			
	Brain_Nucleus_accumbens_basal_ganglia	0.821843777	Brain_Cerebellum					
	1.485082442	0.514917558	0.514917558	-0.225174178	0.483010713			
	0.128918268	0.500762339	2	0	0.998207054			
GTSE1-AS1	ENSG00000277232.2	0.775179057	4	4	0.305694968			

	Brain_Hypothalamus	0.751575435		Brain_Spinal_cord_cervical_c-1	3.09567587				
	0.177171343	0.177171343	-1.024297098	-0.31656271	-0.678894822				
	0.35030814	0	0.998207054						
HN1	ENSG00000189159.15	0.775248898	2	2	0.494819356	Brain_Amygdala			
	0.86239737	Brain_Substantia_nigra	1.049883747	0.950116253					
	0.950116253	-0.682663726	0.173323224	-0.254670251	0.605274177				
	2	0	0.998207054						
TIGD5	ENSG00000179886.5	0.775429155	2	2	0.713068663				
	Brain_Cerebellar_Hemisphere	0.735183271	Brain_Cerebellum	1.509821275					
	0.490178725	-0.490178725	-0.338238758	0.36773792	0.014749581				
	0.499200896	2	0	0.998207054					
RP11-407H12.8	ENSG00000229255.1	0.775451187	1	1	0.775451187				
	Brain_Caudate_basal_ganglia	0.775451187	Brain_Caudate_basal_ganglia	1	1				
	1	-0.285251865	-0.285251865	-0.285251865	NA	1	0		
	0.998207054								
CTDP1	ENSG00000060069.16	0.775523773	1	1	0.775523773				
	Brain_Nucleus_accumbens_basal_ganglia	0.775523773							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.285157116				
	-0.285157116	-0.285157116	NA	1	0	0.998207054			
KCNJ1	ENSG00000151704.15	0.775529626	3	3	0.356797214				
	Brain_Putamen_basal_ganglia	0.793758386	Brain_Anterior_cingulate_cortex_BA24						
	1.064787091	0.93600534	0.93600534	-0.463105907	0.921485106				
	0.239937497	0.692545753	3	0	0.998207054				
MREG	ENSG00000118242.15	0.775542928	2	2	0.486729843				
	Brain_Nucleus_accumbens_basal_ganglia	0.871856043	Brain_Cerebellum						
	1.006245513	0.993754487	0.993754487	-0.695519424	0.161301371				
	-0.267109026	0.605863794	2	0	0.998207054				
HDCC2	ENSG00000111906.17	0.775568957	5	5	0.253283735	Brain_Cerebellum			
	0.659578315	Brain_Cortex	2.637569335	0.10394887	0.10394887				
	-1.142409762	-0.44049544	-0.701318887	0.302537803	5	0			
	0.998207054								
EPO	ENSG00000130427.2	0.775579101	4	4	0.334348779	Brain_Cerebellum			
	0.922699616	Brain_Nucleus_accumbens_basal_ganglia	1.563716627						
	0.512513477	0.512513477	-0.103095362	0.965391456	0.468848248				
	0.551338338	4	0	0.998207054					
THOP1	ENSG00000172009.14	0.775626311	5	3	0.19492379				
	Brain_Cerebellar_Hemisphere	0.559138365	Brain_Putamen_basal_ganglia						
	3.823863091	0.038226593	0.460169407	-1.296150062	-0.584121806				
	-0.875334416	0.294008884	3	0	0.998207054				
RPP21	ENSG00000241370.5	0.775681406	3	3	0.305481442				
	Brain_Substantia_nigra	0.880702297	Brain_Cerebellum	1.801543642					
	0.203933603	0.203933603	-0.192508325	1.024749412	0.227387366				
	0.690861589	3	0	0.998207054					
BPHL	ENSG00000137274.12	0.775702374	13	10	0.102461703				
	Brain_Spinal_cord_cervical_c-1	0.967761215	Brain_Putamen_basal_ganglia						
	5.47691114	0.031993831	0.259603205	-1.633034679	1.232290775				
	0.125853291	0.689717102	10	0	0.998207054				
C11orf45	ENSG00000174370.9	0.775707019	2	2	0.481201006				
	Brain_Nucleus_accumbens_basal_ganglia	0.957947643	Brain_Putamen_basal_ganglia						
	1.079011097	0.920988903	0.920988903	-0.704372214	0.052729238				
	-0.325821488	0.535351571	2	0	0.998207054				
PLCD4	ENSG00000115556.13	0.775790631	7	4	0.32187592	Brain_Amygdala			
	0.88765538	Brain_Hippocampus	5.177718705	0.001708047	0.334435967				
	-0.990610271	-0.141271606	-0.676520876	0.278952495	4	0			
	0.998207054								
GPR83	ENSG00000123901.8	0.776008502	5	4	0.346318124				
	Brain_Frontal_Cortex_BA9	0.789210931	Brain_Cerebellum	3.460722286					
	0.026821058	0.202544345	-0.941754931	0.297506248	-0.318650196				
	0.439351861	4	0	0.998207054					
LINCR-0001	ENSG00000253641.5	0.776042428	9	9	0.055694142				
	Brain_Frontal_Cortex_BA9	0.909164324	Brain_Spinal_cord_cervical_c-1						
	3.025727059	0.257330923	0.257330923	-0.120052086	1.913421286				

	0.69313089	0.638003999	9	0	0.998207054				
AP2S1	ENSG00000042753.11	0.776102028	1	1	0.776102028	Brain_Amygdala			
	0.776102028	Brain_Amygdala	1	1	1	-0.284402389		-0.284402389	
	-0.284402389	NA	1	0	0.998207054				
KIF24	ENSG00000186638.16	0.776131127	1	1	0.776131127				
	Brain_Frontal_Cortex_BA9	0.776131127			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.284364414	-0.284364414	-0.284364414	NA	1	0		
	0.998207054								
ZNF232	ENSG00000167840.13	0.77622272	11	11	0.135215541				
	Brain_Putamen_basal_ganglia	0.877399202			Brain_Cortex	4.869624374			
	0.217201771	0.217201771	-0.614356465	1.493847278	0.085099355				
	0.737092071	11	0	0.998207054					
RWDD4	ENSG00000182552.14	0.776256607	2	2	0.594661352				
	Brain_Cerebellar_Hemisphere	0.862694974			Brain_Cerebellum	1.825892091			
	0.174107909	0.174107909	0.1729446	0.532093337	0.352518969				
	0.253956508	2	0	0.998207054					
USP14	ENSG00000101557.14	0.776380546	4	2	0.435309116				
	Brain_Spinal_cord_cervical_c-1	0.712355643			Brain_Putamen_basal_ganglia				
	3.282882871	0.039087841	0.593765071	0.36869424	0.78013891				
	0.615935286	0.177109014	2	0	0.998207054				
PLEKHN1	ENSG00000187583.10	0.77641122	2	2	0.548073884	Brain_Cortex			
	0.557834341	Brain_Cerebellar_Hemisphere	1.391661577	0.608338423					
	0.608338423	0.586061271	0.600648866	0.593355068	0.010314987				
	2	0	0.998207054						
ANKRD23	ENSG00000163126.14	0.77645046	2	2	0.549581845	Brain_Amygdala			
	0.95113367	Brain_Frontal_Cortex_BA9	1.466283103	0.533716897					
	0.533716897	-0.061283201	0.598386839	0.268551819	0.466457159				
	2	0	0.998207054						
IGDCC4	ENSG00000103742.11	0.77652707	4	3	0.310787443				
	Brain_Putamen_basal_ganglia	0.801450582			Brain_Cortex	2.49355002			
	0.058602503	0.440250107	0.251470223	1.013571123	0.71269087				
	0.325767294	3	0	0.998207054					
HBG2	ENSG00000196565.13	0.776750419	1	1	0.776750419				
	Brain_Nucleus_accumbens_basal_ganglia	0.776750419							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.283556315				
	-0.283556315	-0.283556315	NA	1	0.998207054				
ZNF510	ENSG00000081386.12	0.776793841	1	1	0.776793841				
	Brain_Putamen_basal_ganglia	0.776793841			Brain_Putamen_basal_ganglia	1	1		
	1	-0.283499662	-0.283499662	-0.283499662	NA	1	0		
	0.998207054								
DCAF6	ENSG00000143164.15	0.776828994	2	2	0.538276834				
	Brain_Caudate_basal_ganglia	0.775199726			Brain_Frontal_Cortex_BA9				
	1.109988069	0.890011931	0.890011931	0.285580127	0.615420837				
	0.450500482	0.233232603	2	0	0.998207054				
ACTR5	ENSG00000101442.9	0.77687472	2	2	0.535379409				
	Brain_Cerebellar_Hemisphere	0.876970272			Brain_Cerebellum	1.667353089			
	0.332646911	0.332646911	0.154811059	0.619815278	0.387313169				
	0.328807637	2	0	0.998207054					
TYW5	ENSG00000162971.10	0.776984575	10	2	0.54053385	Brain_Cortex			
	0.769189802	Brain_Putamen_basal_ganglia	8.795666709	0.00083977	0.58060006				
	-0.293434836	0.612005907	0.400897265	0.266798701	2	0			
	0.998207054								
GTF2H2C	ENSG00000183474.15	0.777147146	1	1	0.777147146				
	Brain_Anterior_cingulate_cortex_BA24	0.777147146							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.283038733				
	-0.283038733	-0.283038733	NA	1	0.998207054				
EFHB	ENSG00000163576.17	0.777163035	13	1	0.47087375	Brain_Hypothalamus			
	0.98719371	Brain_Spinal_cord_cervical_c-1	11.81520423	0.005168486					
	11.81520423	-0.262189943	0.721058131	0.273837902	0.245689274				
	1	0	0.998207054						
UQCRFS1	ENSG00000169021.5	0.777246253	5	4	0.460499804				
	Brain_Cerebellum	0.893476222			Brain_Cerebellar_Hemisphere	3.534333149			

	0.007662523	0.143303682	-0.7380241	0.133906865	-0.451145588
	0.350035924	4 0	0.998207054		
SLC5A7	ENSG00000115665.8	0.777271052	1 1	0.777271052	
	Brain_Hypothalamus	0.777271052	Brain_Hypothalamus	1 1 1	
	-0.282877096	-0.282877096	-0.282877096	NA 1 0	0.998207054
RP11-834C11.10	ENSG00000257534.1	0.777368761	3 3	0.339415459	
	Brain_Spinal_cord_cervical_c-1	0.997604951	Brain_Hippocampus		
	1.138142588	0.869420963	0.869420963	-0.003001753	0.955320866
	0.457021026	0.48030658 3	0 0	0.998207054	
CTD-2235C13.3	ENSG00000271815.1	0.777416504	2 2	0.778186237	
	Brain_Cerebellar_Hemisphere	0.950614602	Brain_Nucleus_accumbens_basal_ganglia		
	1.879691762	-0.120308238	0.120308238	-0.061934991	0.281683462
	0.109874235	0.242974938	2 0	0.998207054	
LINC00924	ENSG00000259134.5	0.777438484	7 7	0.234372861	
	Brain_Caudate_basal_ganglia	0.819665939	Brain_Putamen_basal_ganglia		
	1.703439948	0.509362307	0.509362307	-0.44709656	1.189169787
	0.425906564	0.644071199	7 0	0.998207054	
RP11-473E2.4	ENSG00000228877.2	0.777759832	1 1	0.777759832	
	Brain_Frontal_Cortex_BA9	0.777759832	Brain_Frontal_Cortex_BA9	1 1	
	1 0.282239552	0.282239552	0.282239552	NA 1 0	
	0.998207054				
HTR3A	ENSG00000166736.11	0.777834982	2 2	0.480933339	Brain_Amygdala
	0.943245175	Brain_Nucleus_accumbens_basal_ganglia	1.006442379		
	0.993557621	0.993557621	-0.071191716	0.704802201	0.316805243
	0.54871056 2	0 0	0.998207054		
HBG1	ENSG00000213934.6	0.777838041	1 1	0.777838041	Brain_Amygdala
	0.777838041	Brain_Amygdala	1 1 1	-0.282137551	-0.282137551
	-0.282137551	NA 1 0	0.998207054		
AC104653.1	ENSG00000228857.2	0.777851347	10 3	0.505611842	
	Brain_Spinal_cord_cervical_c-1	0.96869363	Brain_Caudate_basal_ganglia		
	8.400246385	0.006125565	0.393759088	-0.510274804	0.665685972
	0.105332562	0.327056498	3 0	0.998207054	
PRRX1	ENSG00000116132.11	0.777898237	5 5	0.338001402	
	Brain_Anterior_cingulate_cortex_BA24	0.717253826	Brain_Frontal_Cortex_BA9		
	1.405348604	0.578329528	0.578329528	-0.958121685	0.617270444
	-0.126055637	0.654557848	5 0	0.998207054	
NOA1	ENSG00000084092.6	0.777962715	4 4	0.308352063	
	Brain_Spinal_cord_cervical_c-1	0.824324056	Brain_Cerebellum	2.325731304	
	0.16928005	0.16928005	-0.264530027	1.018685996	0.299910576
	0.531395039	4 0	0.998207054		
ZNF117	ENSG00000152926.14	0.778109098	13 5	0.345328953	
	Brain_Cerebellum	0.986724122	Brain_Anterior_cingulate_cortex_BA24		
	9.557449875	0.015317992	0.405152505	-0.414029483	0.943688303
	0.181302481	0.43326036 5	0 0	0.998207054	
ZNF8	ENSG00000278129.1	0.778145776	5 3	0.353251977	
	Brain_Nucleus_accumbens_basal_ganglia	0.665258951	Brain_Cerebellum	3.74085148	
	0.03179978	0.143264413	-0.928299995	0.626443555	-0.408050031
	0.60450964 3	0 0	0.998207054		
CTD-2227C6.2	ENSG00000249664.1	0.778259357	13 4	0.530181358	
	Brain_Amygdala	0.98495516	Brain_Substantia_nigra	10.52493586	
	0.002302093	0.361066579	-0.545406556	0.627729193	0.163486123
	0.351463755	4 0	0.998207054		
FAM169B	ENSG00000283597.2	0.778336954	2 2	0.510198371	
	Brain_Caudate_basal_ganglia	0.722392832	Brain_Nucleus_accumbens_basal_ganglia		
	1.784295646	0.215704354	0.215704354	0.355262652	0.658528841
	0.506895746	0.214441578	2 0	0.998207054	
RPRM	ENSG00000177519.3	0.778348452	2 2	0.60648799	Brain_Hypothalamus
	0.639637788	Brain_Nucleus_accumbens_basal_ganglia	1.033314115		
	0.966685885	0.966685885	-0.515093063	0.468205292	-0.023443885
	0.695296935	2 0	0.998207054		
RP11-451G4.2	ENSG00000240045.1	0.778463197	3 2	0.459027891	
	Brain_Substantia_nigra	0.654440273	Brain_Putamen_basal_ganglia		

	2.719285099	0.060242897	0.220472003	0.447602258	0.740448513
	0.584343536	0.14738028 2	0	0.998207054	
FYCO1	ENSG00000163820.14	0.778468065	4	4	0.260162272
	Brain_Anterior_cingulate_cortex_BA24	0.986046355			
	Brain_Spinal_cord_cervical_c-1	1.541185577			0.639101001
	-1.126007671	0.254082397	-0.165012335	0.652290603	4 0
	0.998207054				
ZIC4	ENSG00000174963.17	0.778484535	4	4	0.329226124
	0.980495634	Brain_Substantia_nigra	1.533096126	0.650928881	Brain_Cerebellum
	0.650928881	-0.975673833	0.369244456	-0.385002846	0.686486322
	4 0	0.998207054			
DNAH1	ENSG00000114841.17	0.778525416	9	3	0.096680865
	Brain_Hippocampus	0.966054245	Brain_Substantia_nigra	7.350080057	
	0.007003094	0.390886883	-0.042557538	1.661162248	0.735064619
	0.454525346	3 0	0.998207054		
CBR1	ENSG00000159228.12	0.778607636	12	5	0.164735619
	0.882275207	Brain_Amygdala	8.484010068	0.024873549	Brain_Cerebellum
	-1.389319494	-0.148085608	-0.757859398	0.406310936	0.346346358
	0.998207054			5 0	
LINC01184	ENSG00000245937.7	0.778718637	13	5	0.207722148
	Brain_Cortex	0.939979815	Brain_Anterior_cingulate_cortex_BA24		
	8.890428655	0.011754541	0.564328953	-0.751243574	1.259853689
	0.41281157	0.52811869 5 0	0.998207054		
WDR19	ENSG00000157796.17	0.778730235	1	1	0.778730235
	0.778730235	Brain_Cerebellum1	1 1	-0.280974139	Brain_Cerebellum
	-0.280974139	NA 1 0	0.998207054		-0.280974139
CCDC129	ENSG00000180347.13	0.778928385	2	2	0.601924009
	Brain_Hypothalamus	0.689935704	Brain_Cerebellum1.140631306		
	0.859368694	0.859368694	-0.521635691	-0.398942322	-0.460289006
	0.086757313	2 0	0.998207054		
LINC00354	ENSG00000226903.1	0.779020308	2	2	0.489382141
	Brain_Caudate_basal_ganglia	0.903074545	Brain_Nucleus_accumbens_basal_ganglia		
	1.036065388	0.963934612	0.963934612	-0.121778369	0.691291869
	0.28475675	0.574927479	2 0	0.998207054	
TMEM176B	ENSG00000106565.17	0.779052138	8	6	0.221896215
	Brain_Putamen_basal_ganglia	0.953074427	Brain_Anterior_cingulate_cortex_BA24		
	5.14858679	0.050328811	0.173462498	-1.221501455	0.05884643
	-0.58102961	0.449297635	6 0	0.998207054	
AP000704.5	ENSG00000224790.2	0.779062254	13	2	0.29161201
	Brain_Hippocampus	0.988461777	Brain_Spinal_cord_cervical_c-1		
	11.85841837	6.39E-06	0.524952819	-1.054591899	0.258640912
	-0.229259934	0.39590642 2 0	0.998207054		
GPSM2	ENSG00000121957.12	0.779156064	1	1	0.779156064
	0.779156064	Brain_Cerebellum1	1 1	0.280418997	Brain_Cerebellum
	0.280418997	NA 1 0	0.998207054		0.280418997
OCA2	ENSG00000104044.15	0.779182056	4	4	0.321088976
	Brain_Putamen_basal_ganglia	0.911390521	Brain_Nucleus_accumbens_basal_ganglia		
	1.493265707	0.520743109	0.520743109	-0.992222548	0.459767342
	-0.348311912	0.654408861	4 0	0.998207054	
AATK	ENSG00000181409.11	0.779557307	2	2	0.490522154
	Brain_Caudate_basal_ganglia	0.947884683	Brain_Cerebellum1.302949204		
	0.697050796	0.697050796	-0.689478571	-0.065363377	-0.377420974
	0.441316086	2 0	0.998207054		
RP11-66N24.6	ENSG00000274002.1	0.779593479	2	2	0.543783678
	Brain_Putamen_basal_ganglia	0.700047068	Brain_Hippocampus	1.04261368	
	0.95738632	0.95738632	-0.607101315	0.38525693	-0.110922192
	2 0	0.998207054		0.701703245	
SVIL	ENSG00000197321.14	0.779624086	1	1	0.779624086
	0.779624086	Brain_Cerebellum1	1 1	0.279808949	Brain_Cerebellum
	0.279808949	NA 1 0	0.998207054		0.279808949
HBQ1	ENSG00000086506.2	0.779627904	5	5	0.324201324
	Brain_Cerebellar_Hemisphere	0.760613451	Brain_Frontal_Cortex_BA9		

	2.615500671	0.127158247	0.127158247	-0.947325109	0.985861005		
	0.294988237	0.739305012	5	0	0.998207054		
VNN2	ENSG00000112303.13	0.779681345	1	1	0.779681345		
	Brain_Substantia_nigra	0.779681345		Brain_Substantia_nigra	1	1	
	1	-0.279734321	-0.279734321	-0.279734321	NA	1	0
	0.998207054						
TRIM8	ENSG00000171206.13	0.779698729	4	4	0.257862511		
	Brain_Frontal_Cortex_BA9	0.626110449		Brain_Cortex	2.030647733		
	0.3860585	0.3860585	0.487208688	1.131457669	0.81859754	0.26580585	4
	0	0.998207054					
GPSM1	ENSG00000160360.12	0.779719295	7	3	0.305833506	Brain_Cortex	
	0.998333769	Brain_Cerebellum	5.74185745	0.0278507	0.392124	-1.024003744	
	0.02203852	-0.409101293	0.416117204	3	0	0.998207054	
AIMP1	ENSG00000164022.16	0.779741309	2	2	0.481606686		
	Brain_Cerebellar_Hemisphere	0.951288597		Brain_Cerebellum	1.01773901	0.98226099	
	0.98226099	0.061088664	0.703720765	0.382404714	0.454409517	2	
	0	0.998207054					
PROSER2	ENSG00000148426.12	0.779814992	1	1	0.779814992		
	Brain_Cerebellar_Hemisphere	0.779814992		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.27956014	-0.27956014	-0.27956014	NA	1	0
	0.998207054						
SHPK	ENSG00000197417.7	0.779820817	13	1	0.546271296		
	Brain_Caudate_basal_ganglia	0.951732379		Brain_Amygdala	12.29482901		
	2.72E-18	12.29482901	-0.603356888	-0.060531437	-0.270772877		
	0.153871888	1	0	0.998207054			
OR13J1	ENSG00000168828.5	0.779830312	1	1	0.779830312		
	Brain_Cerebellar_Hemisphere	0.779830312		Brain_Cerebellar_Hemisphere	1	1	
	1	-0.279540174	-0.279540174	-0.279540174	NA	1	0
	0.998207054						
RP11-354A14.1	ENSG00000254689.1	0.779838884	1	1	0.779838884		
	Brain_Substantia_nigra	0.779838884		Brain_Substantia_nigra	1	1	
	1	0.279529002	0.279529002	0.279529002	NA	1	0
	0.998207054						
UPK1B	ENSG00000114638.7	0.779878345	2	2	0.493634354		
	Brain_Putamen_basal_ganglia	0.738056254		Brain_Nucleus_accumbens_basal_ganglia			
	1.249117009	0.750882991	0.750882991	-0.684539819	-0.334428477		
	-0.509484148	0.247566104	2	0	0.998207054		
RIDA	ENSG00000132541.10	0.780028703	3	3	0.320978521		
	Brain_Putamen_basal_ganglia	0.980728503		Brain_Substantia_nigra			
	1.163936306	0.835459458	0.835459458	-0.251038855	0.992449052		
	0.239084869	0.662221411	3	0	0.998207054		
GAS2L3	ENSG00000139354.10	0.780114414	1	1	0.780114414		
	Brain_Frontal_Cortex_BA9	0.780114414		Brain_Frontal_Cortex_BA9	1	1	
	1	-0.279169937	-0.279169937	-0.279169937	NA	1	0
	0.998207054						
Clorf43	ENSG00000143612.19	0.780123471	1	1	0.780123471		
	Brain_Cortex	0.780123471		Brain_Cortex	1	1	1
	0.279158134	0.279158134	NA	1	0	0.998207054	
PPP1R12A	ENSG00000058272.16	0.780153059	2	2	0.57939858	Brain_Cortex	
	0.696059999	Brain_Anterior_cingulate_cortex_BA24	1.077845608				
	0.922154392	0.922154392	0.390644539	0.554263421	0.47245398		
	0.115696021	2	0	0.998207054			
CTD-3126B10.4	ENSG00000260176.1	0.780208788	8	2	0.428167935		
	Brain_Nucleus_accumbens_basal_ganglia	0.620176266		Brain_Cortex			
	7.524500948	0.001863331	0.258218949	-0.792330597	-0.495600548		
	-0.601659386	0.107604859	2	0	0.998207054		
EVI5	ENSG00000067208.14	0.780277535	7	3	0.498082247		
	Brain_Caudate_basal_ganglia	0.989681013		Brain_Amygdala	5.932146668		
	0.00311292	0.374259536	-0.155936176	0.677510285	0.10355341		
	0.326824319	3	0	0.998207054			
NFYC	ENSG00000066136.20	0.780280494	4	3	0.431865131		
	Brain_Putamen_basal_ganglia	0.713610786		Brain_Cerebellum	2.425175502		

	0.076165408	0.496603507	-0.367011036	0.786004021	0.423721842
	0.536067754	3 0	0.998207054		
RP11-343J18.1	ENSG00000228392.1	0.780357989	2 2	0.754298328	
	Brain_Hippocampus	0.98023977	Brain_Spinal_cord_cervical_c-1	1.910905527	
	0.089094473	0.089094473	-0.312976748	-0.024768307	-0.168872528
	0.203794143	2 0	0.998207054		
IRGQ	ENSG00000167378.8	0.780434091	2 2	0.590263079	
	Brain_Frontal_Cortex_BA9	0.698567821	Brain_Cerebellum1.117618217		
	0.882381783	0.882381783	-0.38725448	0.538454833	0.075600176
	0.654575333	2 0	0.998207054		
ZFPM1	ENSG00000179588.8	0.780503107	3 3	0.382912798	Brain_Cerebellum
	0.634259534	Brain_Frontal_Cortex_BA9	1.18784883	0.85352075	0.85352075
	-0.872541941	0.516637581	0.039945254	0.79050162	3 0
	0.998207054				
OTUB2	ENSG00000089723.9	0.780658975	1 1	0.780658975	
	Brain_Frontal_Cortex_BA9	0.780658975	Brain_Frontal_Cortex_BA9	1 1	
	1 -0.27846038	-0.27846038	-0.27846038	NA 1 0	
	0.998207054				
LZTS2	ENSG00000107816.17	0.780847878	2 2	0.565194522	Brain_Cortex
	0.691261777	Brain_Caudate_basal_ganglia	1.013457677	0.986542323	
	0.986542323	-0.575143099	0.39714332	-0.08899989	0.68751032 2 0
	0.998207054				
CCKAR	ENSG00000163394.5	0.780874856	2 2	0.613001732	
	Brain_Nucleus_accumbens_basal_ganglia	0.617632496	Brain_Caudate_basal_ganglia		
	1.020935158	0.979064842	0.979064842	-0.505793343	0.499208516
	-0.003292413	0.71064363 2	0 0.998207054		
RFFL	ENSG00000092871.16	0.780905065	4 4	0.286793421	
	Brain_Caudate_basal_ganglia	0.936584591	Brain_Cerebellar_Hemisphere		
	2.592303409	0.236305222	0.236305222	-1.065182345	0.332427075
	-0.399961124	0.640773751	4 0	0.998207054	
PLCB4	ENSG00000101333.16	0.780943212	1 1	0.780943212	Brain_Cerebellum
	0.780943212	Brain_Cerebellum1	1 1	0.278090078	0.278090078
	0.278090078	NA 1 0	0.998207054		
SNX1	ENSG00000028528.14	0.780955316	2 2	0.535317001	Brain_Cortex
	0.902052766	Brain_Cerebellar_Hemisphere	1.61905602	0.38094398	0.38094398
	0.123068612	0.619910061	0.371489337	0.351319958	2 0
	0.998207054				
FSTL1	ENSG00000163430.11	0.780985864	3 3	0.475901402	Brain_Cerebellum
	0.909329603	Brain_Spinal_cord_cervical_c-1	2.106573906	0.197645798	
	0.197645798	-0.113884185	0.712910078	0.282920738	0.414394851
	3 0	0.998207054			
FRAS1	ENSG00000138759.18	0.781349036	5 5	0.275063687	
	Brain_Caudate_basal_ganglia	0.99362473	Brain_Cerebellar_Hemisphere	1.665443263	
	0.583036702	0.583036702	-0.970069262	1.091475545	-0.010385519
	0.732518912	5 0	0.998207054		
USO1	ENSG00000138768.14	0.781365861	2 2	0.485333899	Brain_Cerebellum
	0.848595058	Brain_Amygdala	1.158925711	0.841074289	0.841074289
	0.190911337	0.697749446	0.444330392	0.358388664	2 0
	0.998207054				
RP11-897M7.4	ENSG00000275232.1	0.781369187	1 1	0.781369187	
	Brain_Cortex	0.781369187	Brain_Cortex	1 1 1	-0.277535193
	-0.277535193	-0.277535193	NA 1 0	0.998207054	
PACSIN2	ENSG00000100266.18	0.781467837	4 4	0.352750893	
	Brain_Caudate_basal_ganglia	0.927080813	Brain_Cerebellum2.011157956		
	0.390831221	0.390831221	-0.758764969	0.929266691	0.006559068
	0.707827266	4 0	0.998207054		
RP11-154H17.1	ENSG00000236948.2	0.781469703	2 2	0.484084171	
	Brain_Substantia_nigra	0.980009336	Brain_Putamen_basal_ganglia		
	1.048749231	-0.951250769	0.951250769	-0.699748838	-0.025057203
	-0.36240302	0.47707903 2	0 0.998207054		
RP11-693J15.5	ENSG00000205056.8	0.781481731	2 2	0.69900091	
	Brain_Cerebellum	0.953254508	Brain_Cerebellar_Hemisphere	1.785870115	

	0.214129885	0.214129885	-0.386669484	0.058620341	-0.164024571
	0.314867455	2	0	0.998207054	
SH3BP5	ENSG00000131370.15	0.781510187	1	1	0.781510187
	Brain_Amygdala	0.781510187	Brain_Amygdala	1	1
	-0.277351541	-0.277351541	NA	1	0
ASB18	ENSG00000182177.13	0.781617254	3	3	0.307190046
	Brain_Caudate_basal_ganglia	0.866591194	Brain_Nucleus_accumbens_basal_ganglia		
	1.767702105	0.232678408	0.232678408	-1.021135921	-0.16798994
	-0.684661851	0.454222372	3	0	0.998207054
CINP	ENSG00000100865.14	0.781633351	3	3	0.318376183
	Brain_Frontal_Cortex_BA9	0.971848977	Brain_Cerebellum	1.169307417	
	0.823150295	0.823150295	-0.997800346	0.357272655	-0.201746097
	0.707951325	3	0	0.998207054	
SLC35D2	ENSG00000130958.11	0.781679078	1	1	0.781679078
	Brain_Hippocampus	0.781679078	Brain_Hippocampus	1	1
	0.277131574	0.277131574	0.277131574	NA	1
PXT1	ENSG00000179165.10	0.781976586	1	1	0.781976586
	0.781976586	Brain_Cerebellum	1	1	Brain_Cerebellum
	-0.276744127	NA	1	0	0.998207054
LINC01481	ENSG00000257613.1	0.782036425	2	2	0.687901907
	Brain_Cerebellum	0.994699497	Brain_Anterior_cingulate_cortex_BA24		
	1.825039986	0.174960014	0.174960014	-0.401703964	-0.006643244
	-0.204173604	0.279350114	2	0	0.998207054
CRISPLD2	ENSG00000103196.11	0.782041127	1	1	0.782041127
	Brain_Nucleus_accumbens_basal_ganglia	0.782041127			
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.276660081
	0.276660081	0.276660081	NA	1	0
CFC1	ENSG00000136698.8	0.782102585	3	3	0.303934896
	Brain_Cerebellar_Hemisphere	0.93656914	Brain_Hippocampus	1.120296675	
	0.828527897	0.828527897	-0.20307152	1.028031743	0.248459168
	0.677947211	3	0	0.998207054	
SUOX	ENSG00000139531.12	0.782163421	11	3	0.323294951
	Brain_Cerebellar_Hemisphere	0.619684223	Brain_Nucleus_accumbens_basal_ganglia		
	9.353315341	1.16E-05	0.420169565	-0.987709478	-0.496297936
	-0.831024479	0.186583374	3	0	0.998207054
PAQR3	ENSG00000163291.14	0.782237699	6	2	0.567748887
	Brain_Frontal_Cortex_BA9	0.986337236	Brain_Nucleus_accumbens_basal_ganglia		
	5.436041301	0.032151637	0.251538622	-0.571369961	-0.017124572
	-0.255964878	0.202880417	2	0	0.998207054
SLC5A12	ENSG00000148942.14	0.782328277	3	2	0.48740401
	Brain_Putamen_basal_ganglia	0.607721514	Brain_Caudate_basal_ganglia		
	2.809126389	0.002931592	0.187942018	0.513328553	0.694443678
	0.627839368	0.09960897	2	0	0.998207054
TRIM45	ENSG00000134253.9	0.782370418	12	8	0.203586505
	Brain_Hypothalamus	0.971045651	Brain_Cerebellum	7.011038958	0.00217305
	0.243290594	-1.271399657	0.60595712	-0.027684232	0.539820065
	0	0.998207054			8
DTNA	ENSG00000134769.21	0.782561301	2	2	0.485644733
	Brain_Hypothalamus	0.958014917	Brain_Cortex	1.017483252	
	0.982516748	0.982516748	-0.697252588	0.052644805	-0.322303892
	0.530257532	2	0	0.998207054	
ZNF737	ENSG00000237440.8	0.782634398	9	3	0.23729316
	Brain_Frontal_Cortex_BA9	0.859999102	Brain_Substantia_nigra		
	7.562131444	0.003018378	0.378765825	-1.18177961	-0.176375308
	-0.59715923	0.32982486	3	0	0.998207054
SASS6	ENSG00000156876.9	0.782671738	4	4	0.422449385
	Brain_Cerebellar_Hemisphere	0.914018074	Brain_Cerebellum	3.183733663	
	0.181511309	-0.181511309	-0.802179064	-0.107971785	-0.510113997
	0.314290853	4	0	0.998207054	
ZCCHC6	ENSG00000083223.17	0.782721564	2	2	0.504842064
	Brain_Nucleus_accumbens_basal_ganglia	0.817919498	Brain_Putamen_basal_ganglia		
	1.026483454	0.973516546	0.973516546	0.230221704	0.666890525

	0.448556114	0.308771485	2	0	0.998207054		
REEP3	ENSG00000165476.13	0.782767438	4	3	0.303233046		
	Brain_Caudate_basal_ganglia	0.645153097			Brain_Putamen_basal_ganglia		
	3.368145167	0.02682863	0.124983612		-1.029524983	-0.460505957	
	-0.822881112	0.256857698	3	0	0.998207054		
FHL2	ENSG00000115641.18	0.782770619	1	1	0.782770619	Brain_Cerebellum	
	0.782770619	Brain_Cerebellum	1	1	0.275710255	0.275710255	
	0.275710255	NA	1	0	0.998207054		
ROCK2	ENSG00000134318.13	0.782836779	2	2	0.508729036	Brain_Cerebellum	
	0.564139459	Brain_Cerebellar_Hemisphere	1.591981496		0.408018504		
	0.408018504	0.576703956	0.660818003		0.61876098	0.059477613	2
	0	0.998207054					
CCDC149	ENSG00000181982.18	0.782956974	6	6	0.251927789		
	Brain_Amygdala	0.974298455	Brain_Frontal_Cortex_BA9	2.683482809			
	0.220610328	0.220610328	-1.145679501	0.195342749	-0.325228774		
	0.549708494	6	0	0.998207054			
MMEL1	ENSG00000142606.15	0.782978969	4	3	0.351942564		
	Brain_Caudate_basal_ganglia	0.956993496	Brain_Anterior_cingulate_cortex_BA24				
	1.99805692	0.018260298	0.946233807		-0.93082796	0.053926786	
	-0.562292317	0.427665104	3	0	0.998207054		
SYT13	ENSG00000019505.7	0.783365466	2	2	0.485698229		
	Brain_Cerebellar_Hemisphere	0.541165709	Brain_Cerebellum	1.905479714			
	0.094520286	0.094520286	-0.697167095	-0.611051164	-0.65410913		
	0.060893158	2	0	0.998207054			
TSACC	ENSG00000163467.11	0.783387096	1	1	0.783387096		
	Brain_Putamen_basal_ganglia	0.783387096	Brain_Putamen_basal_ganglia	1	1		
	1	-0.274907772	-0.274907772	-0.274907772	NA	1	0
	0.998207054						
PLEKHG4	ENSG00000196155.12	0.783484299	2	2	0.528774517		
	Brain_Nucleus_accumbens_basal_ganglia	0.652733352	Brain_Cortex				
	1.249990704	0.750009296	0.750009296	-0.629877832	-0.449968225		
	-0.539923029	0.127215303	2	0	0.998207054		
EPS15	ENSG00000085832.16	0.783564291	6	6	0.336031877		
	Brain_Caudate_basal_ganglia	0.968327764	Brain_Cortex	3.391770466			
	0.137080753	0.137080753	-0.102806114	0.96203529	0.346969309		
	0.39555015	6	0	0.998207054			
CYP2U1	ENSG00000155016.17	0.783589088	2	2	0.618115762		
	Brain_Cerebellum	0.969466389	Brain_Cerebellar_Hemisphere	1.738397752			
	0.261602248	0.261602248	0.038277552	0.498522575	0.268400063		
	0.325442377	2	0	0.998207054			
AAED1	ENSG00000158122.11	0.783662027	1	1	0.783662027		
	Brain_Nucleus_accumbens_basal_ganglia	0.783662027					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.274549945		
	-0.274549945	-0.274549945	NA	1	0	0.998207054	
METTL21C	ENSG00000139780.7	0.783826933	5	5	0.16025117		
	Brain_Anterior_cingulate_cortex_BA24	0.898911816	Brain_Cortex				
	2.451846547	0.220974855	0.220974855	-0.237288635	1.404227317		
	0.378035783	0.687328853	5	0	0.998207054		
LINC01134	ENSG00000236423.5	0.783909322	1	1	0.783909322		
	Brain_Nucleus_accumbens_basal_ganglia	0.783909322					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.274228116		
	0.274228116	0.274228116	NA	1	0	0.998207054	
OTUD7A	ENSG00000169918.9	0.783991897	8	4	0.255199194		
	Brain_Substantia_nigra	0.552248921	Brain_Cerebellar_Hemisphere				
	6.311546645	0.000190233	0.212615028	-0.594393551	1.137811519		
	0.668874193	0.53343752	4	0	0.998207054		
STK32A	ENSG00000169302.14	0.783994992	2	2	0.714835285		
	Brain_Caudate_basal_ganglia	0.776391748	Brain_Putamen_basal_ganglia				
	1.564877544	0.435122456	0.435122456	-0.284024314	0.36536993		
	0.040672808	0.459191073	2	0	0.998207054		
SLC35E3	ENSG00000175782.9	0.784284428	6	5	0.281347412		
	Brain_Amygdala	0.87872113	Brain_Cerebellum	3.254108096	0.056162697		

	0.167423357	-1.077297425	-0.152590611	-0.720006842	0.315469855				
	5	0	0.998207054						
CD81	ENSG00000110651.11	0.784390258	2	2	0.564022257	Brain_Cortex			
	0.6390522	Brain_Anterior_cingulate_cortex_BA24			1.142064683	0.857935317			
	0.857935317	-0.576877432	-0.469024393	-0.522950912	0.076263615				
	2	0	0.998207054						
VPS35	ENSG00000069329.16	0.784467858	1	1	0.784467858				
	Brain_Substantia_nigra	0.784467858			Brain_Substantia_nigra	1	1		
	1	-0.273501346	-0.273501346	-0.273501346	NA	1	0		
	0.998207054								
NIPSNAP1	ENSG00000184117.11	0.784802847	6	2	0.359187208				
	Brain_Anterior_cingulate_cortex_BA24	0.598346759			Brain_Caudate_basal_ganglia				
	5.527037595	0.002310183	0.363921451	0.526779444	0.916914953				
	0.663756979	0.140699281	2	0	0.998207054				
FAM225B	ENSG00000225684.3	0.78489127	1	1	0.78489127	Brain_Amygdala			
	0.78489127	Brain_Amygdala	1	1	0.272950495	0.272950495			
	0.272950495	NA	1	0	0.998207054				
RP11-167P20.1	ENSG00000254186.1	0.784944231	1	1	0.784944231				
	Brain_Substantia_nigra	0.784944231			Brain_Substantia_nigra	1	1		
	1	-0.2728816	-0.2728816	-0.2728816	NA	1	0	0.998207054	
DPP10	ENSG00000175497.16	0.784972603	4	4	0.539189795	Brain_Cerebellum			
	0.956723402	Brain_Hippocampus	2.756441429	0.102022562					
	0.102022562	-0.614038638	-0.054265794	-0.384066595	0.261055157				
	4	0	0.998207054						
ST3GAL6	ENSG00000064225.12	0.785045518	2	2	0.546798993				
	Brain_Cerebellum	0.741580247			Brain_Hippocampus	1.029633632			
	0.970366368	0.970366368	-0.329761412	0.602563672	0.13640113				
	0.659253389	2	0	0.998207054					
LRRC17	ENSG00000128606.12	0.785062814	1	1	0.785062814				
	Brain_Hypothalamus	0.785062814			Brain_Hypothalamus	1	1	1	
	0.272727343	0.272727343	0.272727343	NA	1	0	0.998207054		
SMAD3	ENSG00000166949.15	0.785066783	1	1	0.785066783				
	Brain_Cerebellar_Hemisphere	0.785066783			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.272722181	-0.272722181	-0.272722181	NA	1	0		
	0.998207054								
FBXL12	ENSG00000127452.8	0.785128089	1	1	0.785128089				
	Brain_Cerebellum	0.785128089			Brain_Cerebellum	1	1	1	-0.272642435
	-0.272642435	-0.272642435	NA	1	0	0.998207054			
GABRG1	ENSG00000163285.7	0.78517139	2	2	0.592027936	Brain_Cortex			
	0.622163854	Brain_Caudate_basal_ganglia	1.096169123	0.903830877					
	0.903830877	-0.535899607	-0.492785929	-0.514342768	0.030485974				
	2	0	0.998207054						
MRPL18	ENSG00000112110.9	0.785175349	10	3	0.226634311				
	Brain_Putamen_basal_ganglia	0.729864749			Brain_Anterior_cingulate_cortex_BA24				
	7.764885561	0.006796321	0.426934679	0.345305451	1.209074277				
	0.770722292	0.320440242	3	0	0.998207054				
CCDC77	ENSG00000120647.9	0.785188786	13	3	0.224972388				
	Brain_Cerebellum	0.720236533			Brain_Nucleus_accumbens_basal_ganglia				
	10.63739735	0.003796933	0.53137832	0.35814269	1.213411877				
	0.833049639	0.252035256	3	0	0.998207054				
YES1	ENSG00000176105.13	0.785232752	4	3	0.511577006				
	Brain_Putamen_basal_ganglia	0.740638629			Brain_Caudate_basal_ganglia				
	3.049550967	0.066060993	0.170243408	-0.426055414	0.656384119				
	-0.11463874	0.515569739	3	0	0.998207054				
CDRT1	ENSG00000241322.10	0.785255245	2	2	0.514640023				
	Brain_Putamen_basal_ganglia	0.777063187			Brain_Cortex	1.062910423			
	0.937089577	0.937089577	-0.651629794	0.283148262	-0.184240766				
	0.660987902	2	0	0.998207054					
DYRK4	ENSG00000010219.13	0.785276377	2	2	0.817970714				
	Brain_Cerebellar_Hemisphere	0.834677246			Brain_Cerebellum	1.800749309			
	0.199250691	0.199250691	-0.23015579	0.208706653	-0.010724568				
	0.31032261	2	0	0.998207054					

RP11-57206.1	ENSG00000271973.1	0.785312505	1	1	0.785312505		
	Brain_Hypothalamus	0.785312505		Brain_Hypothalamus	1	1	1
	0.272402559	0.272402559	0.272402559	NA	1	0	0.998207054
ACBD4	ENSG00000181513.14	0.785488889	8	5	0.237965396		Brain_Cortex
	0.956248061	Brain_Cerebellar_Hemisphere	5.952007267				0.036922043
	0.262438042	-0.437476929	1.18008755	0.341915752			0.497587388
	0	0.998207054					5
GS1-304P7.3	ENSG00000273198.1	0.785633879	8	3	0.547448186		
	Brain_Cortex	0.87994174	Brain_Frontal_Cortex_BA9	6.763204002			
	0.016228797	0.246542866	-0.380023037	0.601588349			0.258870636
	0.302249401	3	0	0.998207054			
SCYL2	ENSG00000136021.18	0.785675676	1	1	0.785675676		Brain_Cerebellum
	0.785675676	Brain_Cerebellum1	1	1	0.271930218		0.271930218
	0.271930218	NA	1	0	0.998207054		
OMG	ENSG00000126861.4	0.785769561	1	1	0.785769561		Brain_Cortex
	0.785769561	Brain_Cortex	1	1	1	0.27180812	0.27180812
	NA	1	0	0.998207054			0.27180812
GAL3ST4	ENSG00000197093.10	0.785790512	2	1	0.725207585		
	Brain_Cerebellar_Hemisphere	0.848907375		Brain_Cerebellum1	1.988672799		
	0.011327201	1.988672799	-0.351507583	-0.190512722			-0.271010153
	0.113840558	1	0	0.998207054			
WWP1	ENSG00000123124.13	0.785808637	1	1	0.785808637		
	Brain_Caudate_basal_ganglia	0.785808637		Brain_Caudate_basal_ganglia	1	1	
	1	0.271757303	0.271757303	0.271757303	NA	1	0
	0.998207054						
RPAP3	ENSG00000005175.9	0.785851115	2	2	0.487529134		
	Brain_Hypothalamus	0.92071498	Brain_Cortex	1.144770523			0.855229477
	0.855229477	-0.694244111	0.099533136	-0.297355487			0.561285274
	2	0	0.998207054				
SEC14L4	ENSG00000133488.14	0.785863213	5	5	0.203926727		
	Brain_Hippocampus	0.938190972		Brain_Amygdala	1.656975136		
	0.475728877	0.475728877	-1.270443414	0.077543771			-0.449859384
	0.558296741	5	0	0.998207054			
MAPK7	ENSG00000166484.19	0.785907898	1	1	0.785907898		
	Brain_Caudate_basal_ganglia	0.785907898		Brain_Caudate_basal_ganglia	1	1	
	1	-0.271628221	-0.271628221	-0.271628221	NA	1	0
	0.998207054						
FAM69C	ENSG00000187773.8	0.785944996	2	2	0.487661698		
	Brain_Caudate_basal_ganglia	0.973409737		Brain_Amygdala	1.05874607	0.94125393	
	0.94125393	-0.033332124	0.694032707	0.330350292		0.514324604	2
	0	0.998207054					
EBLN2	ENSG00000255423.1	0.785973443	1	1	0.785973443		
	Brain_Substantia_nigra	0.785973443		Brain_Substantia_nigra	1	1	
	1	0.271542987	0.271542987	0.271542987	NA	1	0
	0.998207054						
B3GALT1	ENSG00000172318.5	0.786035112	4	4	0.225349457		
	Brain_Cortex	0.940433689		Brain_Substantia_nigra	2.078396855		
	0.102505377	0.102505377	-0.323089702	1.21242573		0.209475415	
	0.688075391	4	0	0.998207054			
DHFR2	ENSG00000178700.7	0.786054616	3	3	0.46640002		Brain_Cortex
	0.998686145	Brain_Caudate_basal_ganglia	2.145993533				0.188734991
	0.188734991	-0.728348926	0.001646673	-0.398360588			0.370000515
	3	0	0.998207054				
CCDC117	ENSG00000159873.9	0.786055577	1	1	0.786055577		
	Brain_Nucleus_accumbens_basal_ganglia	0.786055577					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.271436183		
	0.271436183	0.271436183	NA	1	0	0.998207054	
KDM4C	ENSG00000107077.18	0.786078017	2	2	0.584576552		
	Brain_Cerebellar_Hemisphere	0.873770092		Brain_Cerebellum1	1.418936324		
	0.581063676	0.581063676	-0.546712083	0.15887153			-0.193920277
	0.498922957	2	0	0.998207054			
ADAM19	ENSG00000135074.15	0.786122646	3	3	0.474756093		

	Brain_Putamen_basal_ganglia	0.826580466			Brain_Spinal_cord_cervical_c-1	
	2.29924902	0.209267275	0.209267275		0.219089325	0.714762044
	0.476278093	0.248365182	3	0	0.998207054	
MICAL2	ENSG00000133816.13	0.786134903			3	3
	Brain_Cerebellar_Hemisphere	0.989100821			0.4892535	
	0.268401819	0.268401819	-0.058559495		Brain_Cerebellum	1.737915866
	0.420683314	3	0	0.998207054	0.691496626	0.206425537
SURF1	ENSG00000148290.9	0.78644944	13	2	0.498480894	
	Brain_Spinal_cord_cervical_c-1	0.965794544			Brain_Hypothalamus	
	10.57607462	0.008063711	1.031175355		-0.676881893	0.274348476
	-0.121879025	0.280134463	2	0	0.998207054	
ETV1	ENSG00000006468.13	0.786507477	2	2	0.547655869	
	Brain_Hypothalamus	0.721527455			Brain_Nucleus_accumbens_basal_ganglia	
	1.019709548	0.980290452	0.980290452		-0.356418128	0.601276456
	0.122429164	0.677192335	2	0	0.998207054	
ZSCAN23	ENSG00000187987.9	0.786559827	10	4	0.413942042	
	Brain_Cortex	0.848664211			Brain_Putamen_basal_ganglia	7.827503857
	0.00987981	0.303832493	-0.816976177		0.620680607	-0.25968555
	0.472973063	4	0	0.998207054		
TBRG4	ENSG00000136270.13	0.786648065	10	4	0.208197288	
	Brain_Cerebellar_Hemisphere	0.720071316			Brain_Substantia_nigra	
	7.856682946	0.005621515	0.274316874		0.358363482	1.258537904
	0.840634387	0.292795581	4	0	0.998207054	
ST3GAL3	ENSG00000126091.19	0.786775145	2	2	0.5073307	
	Brain_Cerebellar_Hemisphere	0.809983878			Brain_Cortex	1.061360266
	0.938639734	0.938639734	-0.662999772		-0.24044683	-0.451723301
	0.298790051	2	0	0.998207054		
TNKS	ENSG00000173273.15	0.786777456	4	4	0.242430052	
	Brain_Hippocampus	0.958701603			Brain_Spinal_cord_cervical_c-1	
	1.617898547	0.284975828	0.284975828		-0.456871189	1.168934425
	0.306693404	0.686993168	4	0	0.998207054	
RP11-218C14.5	ENSG00000225056.1	0.786856528	10	9	0.247469298	
	Brain_Anterior_cingulate_cortex_BA24	0.991836603			Brain_Substantia_nigra	
	4.738629385	0.142206457	0.217581967		-1.156518106	0.734182637
	-0.346692849	0.595036176	9	0	0.998207054	
FLJ20021	ENSG00000254531.1	0.786879524	11	4	0.236942895	
	Brain_Hypothalamus	0.910174469			Brain_Frontal_Cortex_BA9	7.837577539
	0.006091955	0.576050894	-1.182662594		0.546679973	-0.455734122
	0.472450316	4	0	0.998207054		
GCSH	ENSG00000140905.10	0.786889652	10	2	0.396942718	
	Brain_Substantia_nigra	0.792424057			Brain_Anterior_cingulate_cortex_BA24	
	8.846892486	0.00845955	0.296624951		-0.847094019	-0.263164155
	-0.560593557	0.199558487	2	0	0.998207054	
SHMT2	ENSG00000182199.10	0.786947103	1	1	0.786947103	Brain_Cortex
	0.786947103	Brain_Cortex	1	1	1	-0.270277072
	-0.270277072	NA	1	0	0.998207054	-0.270277072
ZBTB45	ENSG00000119574.12	0.787010559	1	1	0.787010559	
	Brain_Caudate_basal_ganglia	0.787010559			Brain_Caudate_basal_ganglia	1
	1	-0.270194584	-0.270194584		-0.270194584	NA
	0.998207054				1	0
KBTBD11-OT1	ENSG00000253696.2	0.787025886	3	3	0.389928513	
	Brain_Cerebellar_Hemisphere	0.866323404			Brain_Cerebellum	1.211155417
	0.862666315	0.862666315	-0.859747014		0.405289671	-0.095375667
	0.672484274	3	0	0.998207054		
SLC14A2	ENSG00000132874.14	0.787031262	1	1	0.787031262	
	Brain_Putamen_basal_ganglia	0.787031262			Brain_Putamen_basal_ganglia	1
	1	0.270167672	0.270167672		0.270167672	NA
	0.998207054				1	0
PTGR1	ENSG00000106853.18	0.787047721	8	8	0.06929068	
	Brain_Spinal_cord_cervical_c-1	0.963112485				
	Brain_Anterior_cingulate_cortex_BA24	3.346804248			0.133798312	
	0.133798312	-1.816519757	0.046248126		-0.608935656	0.637011359

OSTF1	ENSG00000134996.11	0.787069707	1	1	0.787069707	Brain_Cerebellum
	0.787069707	Brain_Cerebellum	1	1	0.270117699	0.270117699
	0.270117699	NA	1	0	0.998207054	
SCLY	ENSG00000132330.16	0.787070226	10	4	0.436123048	
	Brain_Nucleus_accumbens_basal_ganglia	0.999220402			Brain_Frontal_Cortex_BA9	
	8.056633102	0.002025491	0.324904225	-0.778756701	0.018225978	
	-0.318253635	0.313217159	4	0	0.998207054	
GLB1	ENSG00000170266.15	0.78721428	2	2	0.637222356	
	Brain_Cerebellar_Hemisphere	0.833667208			Brain_Cerebellum	1.904033876
	0.095966124	0.095966124	0.210000596	0.471585952	0.340793274	
	0.184968779	2	0	0.998207054		
DLGAP4	ENSG00000080845.17	0.787272768	1	1	0.787272768	
	Brain_Caudate_basal_ganglia	0.787272768			Brain_Caudate_basal_ganglia	1
	1	-0.269853752	-0.269853752	-0.269853752	NA	1
	0.998207054				0	
SLC39A14	ENSG00000104635.13	0.787345883	2	2	0.534452614	
	Brain_Putamen_basal_ganglia	0.812915803			Brain_Hypothalamus	1.105251425
	0.894748575	0.894748575	-0.621223448	-0.236666143	-0.428944795	
	0.271923078	2	0	0.998207054		
ATP6V1C1	ENSG00000155097.11	0.787368135	2	2	0.533820327	
	Brain_Amygdala	0.772831774			Brain_Hippocampus	1.020784768
	0.979215232	0.979215232	-0.622184849	-0.288672806	-0.455428828	
	0.235828627	2	0	0.998207054		
SF3B6	ENSG00000115128.6	0.787423397	1	1	0.787423397	
	Brain_Hippocampus	0.787423397			Brain_Hippocampus	1
	-0.269657972	-0.269657972	-0.269657972	NA	1	0
	0.998207054					
ELANE	ENSG00000197561.6	0.787450932	1	1	0.787450932	
	Brain_Hippocampus	0.787450932			Brain_Hippocampus	1
	0.269622184	0.269622184	0.269622184	NA	1	0
	0.998207054					
RPA1	ENSG00000132383.11	0.787546187	8	5	0.435250828	
	Brain_Cerebellar_Hemisphere	0.992438503			Brain_Cortex	4.929188098
	0.019650558	0.367625622	-0.780237951	0.780224346	-0.090496236	
	0.602065394	5	0	0.998207054		
EPB41L5	ENSG00000115109.13	0.787644066	7	6	0.439551413	
	Brain_Cerebellum	0.814019971			Brain_Frontal_Cortex_BA9	3.366433428
	0.027066781	0.20801488	-0.632876401	0.772950945	0.300182633	
	0.536823736	6	0	0.998207054		
TRIM44	ENSG00000166326.6	0.787751924	1	1	0.787751924	
	Brain_Putamen_basal_ganglia	0.787751924			Brain_Putamen_basal_ganglia	1
	1	0.269231002	0.269231002	0.269231002	NA	1
	0.998207054				0	
TIMM10	ENSG00000134809.8	0.787824841	12	5	0.190051047	
	Brain_Substantia_nigra	0.958534624			Brain_Cerebellum	8.676852564
	0.000809121	0.316928872	0.051992558	1.310428116	0.721964955	
	0.40953081	5	0	0.998207054		
FBP1	ENSG00000165140.9	0.787890304	6	6	0.155923432	
	Brain_Nucleus_accumbens_basal_ganglia	0.965166198			Brain_Caudate_basal_ganglia	
	3.67684512	0.175945597	0.175945597	-0.234259165	1.418916256	
	0.281120711	0.640691575	6	0	0.998207054	
HIVEP1	ENSG00000095951.16	0.787934792	1	1	0.787934792	
	Brain_Putamen_basal_ganglia	0.787934792			Brain_Putamen_basal_ganglia	1
	1	0.268993361	0.268993361	0.268993361	NA	1
	0.998207054				0	
RP11-13K12.5	ENSG00000267466.1	0.787953905	2	2	0.616868771	
	Brain_Nucleus_accumbens_basal_ganglia	0.659257069				
	Brain_Anterior_cingulate_cortex_BA24	1.067417857			0.932582143	
	0.932582143	-0.500293016	-0.440939123	-0.47061607	0.04196954	2
	0	0.998207054				
GPR39	ENSG00000183840.6	0.788013967	3	3	0.519145519	
	Brain_Anterior_cingulate_cortex_BA24	0.811792823			Brain_Cerebellar_Hemisphere	
	1.892507647	0.225013502	0.225013502	-0.644663122	0.599179546	

	0.064210078	0.639896888	3	0	0.998207054				
CTRL	ENSG00000141086.17	0.788030418	1	1	0.788030418				
	Brain_Spinal_cord_cervical_c-1	0.788030418			Brain_Spinal_cord_cervical_c-1				
	1	1	-0.268869098	-0.268869098	-0.268869098	NA	1	0	
	0.998207054								
ACP1	ENSG00000143727.15	0.788050742	1	1	0.788050742	Brain_Cerebellum			
	0.788050742	Brain_Cerebellum	1	1	-0.268842688	-0.268842688			
	-0.268842688	NA	1	0	0.998207054				
RP4-758J18.13	ENSG00000272455.1	0.788056562	1	1	0.788056562				
	Brain_Amygdala	0.788056562	Brain_Amygdala	1	1	1	0.268835125		
	0.268835125	0.268835125	NA	1	0	0.998207054			
LCE1E	ENSG00000186226.8	0.788177659	1	1	0.788177659				
	Brain_Nucleus_accumbens_basal_ganglia	0.788177659							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.268677771				
	0.268677771	0.268677771	NA	1	0	0.998207054			
UBALD2	ENSG00000185262.8	0.788259528	1	1	0.788259528				
	Brain_Nucleus_accumbens_basal_ganglia	0.788259528							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.268571393				
	0.268571393	0.268571393	NA	1	0	0.998207054			
CYTL1	ENSG00000170891.10	0.788349819	1	1	0.788349819				
	Brain_Hippocampus	0.788349819	Brain_Hippocampus	1	1	1			
	0.268454077	0.268454077	0.268454077	NA	1	0	0.998207054		
PNKD	ENSG00000127838.13	0.788423306	5	4	0.530573412				
	Brain_Nucleus_accumbens_basal_ganglia	0.967047196							
	Brain_Anterior_cingulate_cortex_BA24	3.319431525			0.107061578				
	0.185212908	-0.368541233	0.627130934		0.238282794		0.427187256		
	4	0	0.998207054						
TOM1L2	ENSG00000175662.17	0.788628877	6	5	0.20663348				
	Brain_Nucleus_accumbens_basal_ganglia	0.611036727	Brain_Frontal_Cortex_BA9						
	3.401829068	0.080142882	0.282094474	-1.262876741	-0.508594155				
	-0.816470466	0.301092801	5	0	0.998207054				
CERS2	ENSG00000143418.19	0.788752205	2	2	0.639941216	Brain_Cerebellum			
	0.649879688	Brain_Anterior_cingulate_cortex_BA24	1.104831022						
	0.895168978	0.895168978	-0.467780991		0.453929336	-0.006925827			
	0.651747622	2	0	0.998207054					
PTCD3	ENSG00000132300.18	0.788894725	1	1	0.788894725				
	Brain_Nucleus_accumbens_basal_ganglia	0.788894725							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.267746148				
	0.267746148	0.267746148	NA	1	0	0.998207054			
RSPO3	ENSG00000146374.13	0.788932546	1	1	0.788932546				
	Brain_Cerebellar_Hemisphere	0.788932546	Brain_Cerebellar_Hemisphere	1	1				
	1	-0.267697018	-0.267697018	-0.267697018	NA	1	0		
	0.998207054								
OPA1	ENSG00000198836.8	0.788964792	4	4	0.415219814				
	Brain_Substantia_nigra	0.674287918	Brain_Cortex	1.803737094					
	0.513861965	0.513861965	-0.814742337		0.537956768	-0.055906468			
	0.668696175	4	0	0.998207054					
DNAH10	ENSG00000197653.15	0.789073209	2	2	0.492206824				
	Brain_Cerebellum	0.986192456	Brain_Hypothalamus	1.041370805					
	0.958629195	0.958629195	-0.686803087		0.017306054	-0.334748516			
	0.497880349	2	0	0.998207054					
TBX21	ENSG00000073861.2	0.789183394	3	3	0.373953832	Brain_Cerebellum			
	0.841937115	Brain_Anterior_cingulate_cortex_BA24	1.08574544	0.919160306					
	0.919160306	-0.88909164	0.199416295	-0.361676347	0.545034865				
	3	0	0.998207054						
FOXF2	ENSG00000137273.3	0.789234398	1	1	0.789234398				
	Brain_Nucleus_accumbens_basal_ganglia	0.789234398							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.267304921				
	0.267304921	0.267304921	NA	1	0	0.998207054			
PRKAB1	ENSG00000111725.10	0.789482365	2	2	0.498145091				
	Brain_Caudate_basal_ganglia	0.567162582	Brain_Putamen_basal_ganglia						
	1.724997558	0.275002442	0.275002442	0.57223529	0.677411205				

	0.624823247	0.074370603	2	0	0.998207054				
LINC01792	ENSG00000237166.1	0.789496694	7	4	0.21795167				
	Brain_Hypothalamus	0.924576509			Brain_Cortex	4.626347171			
	0.016297527	0.469334034	-1.231993076		0.269723639				-0.355608042
	0.461089401	4	0	0.998207054					
SCRG1	ENSG00000164106.7	0.789565605	13	7	0.242001583				Brain_Cerebellum
	0.946700288	Brain_Putamen_basal_ganglia	8.122602205		1.39E-16				
	0.353319106	-1.169998473	0.461699588		-0.215326527				0.4981292 7
	0	0.998207054							
IL33	ENSG00000137033.11	0.789621629	10	2	0.621980836				
	Brain_Nucleus_accumbens_basal_ganglia	0.999298788			Brain_Putamen_basal_ganglia				
	9.021853904	0.011833629	0.313614585		-0.493044936				0.185836169
	-0.122045419	0.227601961	2	0	0.998207054				
DBT	ENSG00000137992.14	0.789628563	2	2	0.504244198				
	Brain_Hypothalamus	0.746219083			Brain_Cerebellum	1.248997683			
	0.751002317	0.751002317	0.323628798		0.667826736				0.495727767
	0.243384696	2	0	0.998207054					
FOLH1	ENSG00000086205.16	0.789640057	8	5	0.300055919				
	Brain_Caudate_basal_ganglia	0.827617784			Brain_Spinal_cord_cervical_c-1				
	6.402977793	0.004587621	0.235366572		0.217757854				1.036313481
	0.747850554	0.308318219	5	0	0.998207054				
ZC3HAV1L	ENSG00000146858.7	0.789797935	2	2	0.498261793				
	Brain_Anterior_cingulate_cortex_BA24	0.925631265			Brain_Substantia_nigra				
	1.032495344	0.967504656	0.967504656		0.093342757				0.67722723
	0.385284993	0.412868671	2	0	0.998207054				
EHHADH	ENSG00000113790.10	0.78987785	1	1	0.78987785				Brain_Hypothalamus
	0.78987785	Brain_Hypothalamus	1	1	1	0.266469235			0.266469235
	0.266469235	NA	1	0	0.998207054				
MAEL	ENSG00000143194.12	0.789898341	11	4	0.060329871				
	Brain_Hypothalamus	0.703083819			Brain_Putamen_basal_ganglia	8.492686463			
	0.00698205	0.347533568	0.381160955		1.87837509	0.932142467			
	0.403909377	4	0	0.998207054					
FGR	ENSG00000000938.12	0.789938836	2	2	0.57503199				
	Brain_Putamen_basal_ganglia	0.769232722			Brain_Spinal_cord_cervical_c-1				
	1.173339295	0.826660705	0.826660705		0.293378677				0.560656114
	0.427017395	0.188993688	2	0	0.998207054				
ATF1	ENSG00000123268.8	0.789962805	1	1	0.789962805				
	Brain_Nucleus_accumbens_basal_ganglia	0.789962805							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.266358913				
	-0.266358913	-0.266358913	NA	1	0	0.998207054			
CEBPE	ENSG00000092067.5	0.790022736	1	1	0.790022736				
	Brain_Spinal_cord_cervical_c-1	0.790022736			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.26628109	0.26628109	0.26628109	NA	1	0
ZCCHC17	ENSG00000121766.15	0.790103433	7	6	0.348694016				
	Brain_Hippocampus	0.977093076			Brain_Cerebellum	4.467894277			
	0.138212063	0.162141431	-0.937125481		0.336426846				-0.367317678
	0.434041334	6	0	0.998207054					
ALDH8A1	ENSG00000118514.13	0.790127996	13	2	0.327370857				
	Brain_Cerebellar_Hemisphere	0.855788875			Brain_Amygdala	11.87720382			
	5.72E-05	0.45452523	-0.979423324		-0.181737322				-0.652498555
	0.199588486	2	0	0.998207054					
LINC01571	ENSG00000260057.5	0.790207253	1	1	0.790207253				
	Brain_Spinal_cord_cervical_c-1	0.790207253			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.266041493	0.266041493	0.266041493	NA	1	0
	0.998207054								
CES5A	ENSG00000159398.15	0.790223701	1	1	0.790223701				
	Brain_Putamen_basal_ganglia	0.790223701			Brain_Putamen_basal_ganglia	1			1
	1	0.266020136	0.266020136		0.266020136	NA	1		0
	0.998207054								
DYNC1I1	ENSG00000158560.14	0.790777124	3	2	0.556934723				
	Brain_Caudate_basal_ganglia	0.816076557			Brain_Cerebellar_Hemisphere				
	1.940211151	0.059875792	0.999913058		0.232594168				0.587400553

	0.429264183	0.180514609	2	0	0.998207054				
POGZ	ENSG00000143442.21	0.790811099	9	4	0.270132928				
	Brain_Anterior_cingulate_cortex_BA24	0.770363578				Brain_Hypothalamus			
	7.572411421	9.00E-07	0.292537912		-1.102756488	-0.291899353			
	-0.85433537	0.243634079	4	0	0.998207054				
RP11-863P13.4	ENSG00000205037.2	0.790850658	2	2	0.595355678				
	Brain_Cortex	0.68477311	Brain_Cerebellar_Hemisphere	1.049369945					
	0.950630055	0.950630055	-0.405958478	0.531091062	0.062566292				
	0.662594084	2	0	0.998207054					
GALR3	ENSG00000128310.2	0.79086732	1	1	0.79086732	Brain_Cerebellum	0.79086732		
	Brain_Cerebellum1	1	1	0.265184519	0.265184519	0.265184519			
	NA	1	0	0.998207054					
AC092614.2	ENSG00000227542.1	0.790908023	1	1	0.790908023				
	Brain_Nucleus_accumbens_basal_ganglia	0.790908023							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.26513168				
	-0.26513168	-0.26513168	NA	1	0	0.998207054			
ENTPD5	ENSG00000187097.12	0.791035489	6	5	0.135591855				
	Brain_Cortex	0.843003734	Brain_Cerebellum	3.759196652	0.021602507				
	0.130128123	-1.492409389	0.247675253	-0.632405241	0.609862656				
	5	0	0.998207054						
HFE2	ENSG00000168509.19	0.791076255	1	1	0.791076255				
	Brain_Cerebellar_Hemisphere	0.791076255	Brain_Cerebellar_Hemisphere	1	1				
	1	0.264913297	0.264913297	0.264913297	NA	1	0		
	0.998207054								
WSB2	ENSG00000176871.8	0.791135838	1	1	0.791135838				
	Brain_Spinal_cord_cervical_c-1	0.791135838	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.264835954	-0.264835954	-0.264835954	NA	1	0
	0.998207054								
CCDC113	ENSG00000103021.9	0.791325758	7	3	0.306309582				
	Brain_Putamen_basal_ganglia	0.497470688	Brain_Amygdala	5.904388468					
	0.028741992	0.311401577	-1.022996328	-0.678474813	-0.842430896				
	0.137278869	3	0	0.998207054					
TMEM68	ENSG00000167904.14	0.791368902	7	6	0.200224387				
	Brain_Caudate_basal_ganglia	0.86891245	Brain_Anterior_cingulate_cortex_BA24						
	3.351745992	0.10254363	0.142258505	-1.280912541	1.279570896				
	0.006277652	0.864294618	6	0	0.998207054				
WNT5A	ENSG00000114251.14	0.791508807	3	3	0.567021388				
	Brain_Cerebellar_Hemisphere	0.703508536	Brain_Anterior_cingulate_cortex_BA24						
	1.64734652	0.419704796	0.419704796	-0.572443743	0.380588608				
	-0.204823103	0.512486467	3	0	0.998207054				
SACM1L	ENSG00000211456.10	0.791536825	5	5	0.279621887				
	Brain_Cerebellum	0.859399834	Brain_Hippocampus	1.33537938	0.658205637				
	0.658205637	-0.187594085	1.081169129	0.410987494	0.514983819				
	5	0	0.998207054						
PPRC1	ENSG00000148840.10	0.791579658	1	1	0.791579658				
	Brain_Anterior_cingulate_cortex_BA24	0.791579658							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.264259899				
	0.264259899	0.264259899	NA	1	0	0.998207054			
LINC01556	ENSG00000204709.4	0.791648436	4	4	0.327940434				
	Brain_Nucleus_accumbens_basal_ganglia	0.624598166	Brain_Amygdala						
	2.244736817	0.260183731	0.260183731	-0.978270746	0.83733991				
	-0.339233802	0.809387902	4	0	0.998207054				
CYB5A	ENSG00000166347.18	0.791733663	5	5	0.229350516				
	Brain_Cerebellar_Hemisphere	0.675977623	Brain_Putamen_basal_ganglia	1.9795324					
	0.271716989	0.271716989	-1.202033586	-0.417958277	-0.87013255				
	0.28860899	5	0	0.998207054					
SEMA4C	ENSG00000168758.10	0.791753042	1	1	0.791753042				
	Brain_Caudate_basal_ganglia	0.791753042	Brain_Caudate_basal_ganglia	1	1				
	1	0.26403488	0.26403488	0.26403488	NA	1	0	0.998207054	
ANKRD35	ENSG00000198483.12	0.791825068	1	1	0.791825068				
	Brain_Cerebellar_Hemisphere	0.791825068	Brain_Cerebellar_Hemisphere	1	1				
	1	-0.263941407	-0.263941407	-0.263941407	NA	1	0		

0.998207054
C2orf82 ENSG00000182600.9 0.791854873 13 1 0.687020768
Brain_Cerebellar_Hemisphere 0.892067317 Brain_Amygdala 12.68637925
0.000205897 12.68637925 -0.402901391 -0.135688782 -0.260414658
0.081796851 1 0 0.998207054
RFNG ENSG00000169733.11 0.791864626 7 3 0.350999596
Brain_Caudate_basal_ganglia 0.985084162 Brain_Hypothalamus 5.288608264
0.002202502 0.472646972 -0.932652155 -0.018695319 -0.541783728
0.284368144 3 0 0.998207054
MMAA ENSG00000151611.13 0.791905895 4 4 0.371877115
Brain_Putamen_basal_ganglia 0.853090031 Brain_Frontal_Cortex_BA9
2.731942342 0.109191511 0.109191511 0.185177226 0.892962762
0.59370358 0.306734277 4 0 0.998207054
ZCCHC24 ENSG00000165424.6 0.791935919 1 1 0.791935919
Brain_Nucleus_accumbens_basal_ganglia 0.791935919
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.263797555
-0.263797555 -0.263797555 NA 1 0 0.998207054
PSEN2 ENSG00000143801.16 0.791990174 4 3 0.275488089
Brain_Putamen_basal_ganglia 0.978661774 Brain_Nucleus_accumbens_basal_ganglia
2.909324994 0.027924966 0.328823811 -0.026746689 1.09051105
0.620514381 0.468241387 3 0 0.998207054
C10orf10 ENSG00000165507.8 0.792093292 1 1 0.792093292
Brain_Hypothalamus 0.792093292 Brain_Hypothalamus 1 1 1
0.263593339 0.263593339 0.263593339 NA 1 0 0.998207054
LINC00920 ENSG00000246898.1 0.792180448 13 11 0.066900313
Brain_Putamen_basal_ganglia 0.994941254 Brain_Frontal_Cortex_BA9
3.596746202 1.09E-17 0.322653543 -1.832343145 1.134389218
-0.306835272 0.778676334 11 0 0.998207054
CCNI ENSG00000118816.9 0.792364629 1 1 0.792364629
Brain_Substantia_nigra 0.792364629 Brain_Substantia_nigra 1 1
1 -0.263241263 -0.263241263 -0.263241263 NA 1 0
0.998207054
NR3C1 ENSG00000113580.14 0.792407277 1 1 0.792407277
Brain_Hippocampus 0.792407277 Brain_Hippocampus 1 1 1
0.263185927 0.263185927 0.263185927 NA 1 0 0.998207054
PDHX ENSG00000110435.11 0.792446537 4 4 0.216099086 Brain_Cerebellum
0.57265928 Brain_Cortex 2.98604321 0.120078711 0.120078711
0.564139379 1.236967668 0.929602526 0.279362632 4 0
0.998207054
SNX31 ENSG00000174226.8 0.792526571 13 3 0.156993541 Brain_Cortex
0.993290402 Brain_Caudate_basal_ganglia 10.47189411 2.62E-16
0.699058678 -0.225922892 1.41525569 0.439875909 0.44234696 3 0
0.998207054
RP6-91H8.1 ENSG00000258517.1 0.792614294 1 1 0.792614294
Brain_Nucleus_accumbens_basal_ganglia 0.792614294
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.262917336
0.262917336 0.262917336 NA 1 0 0.998207054
SLC11A1 ENSG00000018280.16 0.792643928 1 1 0.792643928
Brain_Cortex 0.792643928 Brain_Cortex 1 1 1 0.26287889
0.26287889 0.26287889 NA 1 0 0.998207054
TNFRSF10B ENSG00000120889.12 0.792754519 1 1 0.792754519
Brain_Cerebellum 0.792754519 Brain_Cerebellum 1 1 1 -0.262735414
-0.262735414 -0.262735414 NA 1 0 0.998207054
LINC01465 ENSG00000221949.5 0.79275635 1 1 0.79275635 Brain_Hypothalamus
0.79275635 Brain_Hypothalamus 1 1 1 -0.262733039 -0.262733039
-0.262733039 NA 1 0 0.998207054
HS6ST1 ENSG00000136720.6 0.792836958 1 1 0.792836958
Brain_Cerebellar_Hemisphere 0.792836958 Brain_Cerebellar_Hemisphere 1 1
1 -0.262628465 -0.262628465 -0.262628465 NA 1 0
0.998207054
GDF11 ENSG00000135414.9 0.793058678 1 1 0.793058678 Brain_Amygdala
0.793058678 Brain_Amygdala 1 1 1 0.262340841 0.262340841

	0.262340841	NA	1	0	0.998207054				
CRIPAK	ENSG00000179979.8			0.793064771	13	4	0.303218817		
	Brain_Spinal_cord_cervical_c-1			0.958024406			Brain_Cortex	10.4911893	
	0.019581652	0.35638102	-1.02955528			0.657087625		-0.360316558	
	0.508894524	4	0	0.998207054					
ANKRD49	ENSG00000168876.8			0.793186826	2	2	0.538054858		
	Brain_Cerebellar_Hemisphere			0.822364721			Brain_Substantia_nigra		
	1.104181979	0.895818021	0.895818021			0.224504558		0.61575708	
	0.420130819	0.276657312	2	0	0.998207054				
SEC13	ENSG00000157020.17			0.793198594	1	1	0.793198594		
	Brain_Nucleus_accumbens_basal_ganglia			0.793198594					
	Brain_Nucleus_accumbens_basal_ganglia			1	1	1	-0.262159348		
	-0.262159348	-0.262159348	NA	1	0	0.998207054			
PRPH2	ENSG00000112619.7			0.793272107	12	1	0.640293975		
	Brain_Nucleus_accumbens_basal_ganglia			0.928829592			Brain_Hypothalamus		
	11.5655334	0.001531172	11.5655334	-0.467287813			0.089317493		
	-0.256733458	0.148422577	1	0	0.998207054				
OR7C1	ENSG00000127530.2			0.79366769	1	1	0.79366769		
	Brain_Nucleus_accumbens_basal_ganglia			0.79366769					
	Brain_Nucleus_accumbens_basal_ganglia			1	1	1	0.261550916		
	0.261550916	0.261550916	NA	1	0	0.998207054			
RET	ENSG00000165731.18			0.793842776	3	3	0.444228543		Brain_Cerebellum
	0.838488499	Brain_Nucleus_accumbens_basal_ganglia		1.54813284			0.491094915		
	0.491094915	-0.765072217	0.415170521			-0.048691483		0.629338948	
	3	0	0.998207054						
PPP2R3A	ENSG00000073711.10			0.793934518	2	2	0.507229656		
	Brain_Cerebellum			0.867233506			Brain_Cerebellar_Hemisphere	1.450538075	
	0.549461925	0.549461925	-0.663157549			-0.167173537		-0.415165543	
	0.350713658	2	0	0.998207054					
PLA2G4F	ENSG00000168907.13			0.794027252	1	1	0.794027252		
	Brain_Putamen_basal_ganglia			0.794027252			Brain_Putamen_basal_ganglia	1	1
	1	-0.261084619	-0.261084619	-0.261084619	NA	1	0		
	0.998207054								
PCDHA10	ENSG00000250120.6			0.794090076	7	3	0.326968017		
	Brain_Spinal_cord_cervical_c-1			0.776257627			Brain_Frontal_Cortex_BA9		
	5.549681876	0.025133433	0.246820339			-0.980239284		-0.284199332	
	-0.512682907	0.229994339	3	0	0.998207054				
MED26	ENSG00000105085.10			0.794101684	1	1	0.794101684		
	Brain_Substantia_nigra			0.794101684			Brain_Substantia_nigra	1	1
	1	-0.2609881	-0.2609881	-0.2609881	NA	1	0	0.998207054	
B3GNT8	ENSG00000177191.2			0.794340009	2	1	0.793884245		
	Brain_Cerebellar_Hemisphere			0.79486587			Brain_Cerebellum	1.999303546	
	0.000696454	1.999303546	0.259997282			0.261270071		0.260633676	
	0.000899998	1	0	0.998207054					
TNPO1	ENSG00000083312.17			0.794372751	1	1	0.794372751		
	Brain_Putamen_basal_ganglia			0.794372751			Brain_Putamen_basal_ganglia	1	1
	1	0.260636614	0.260636614	0.260636614	NA	1	0		
	0.998207054								
CMPK1	ENSG00000162368.13			0.794412121	2	2	0.504750151		
	Brain_Frontal_Cortex_BA9			0.800435781			Brain_Cortex	1.535890581	
	0.464109419	0.464109419	0.25278316	0.667034415			0.459908788		
	0.292919871	2	0	0.998207054					
C6orf163	ENSG00000203872.6			0.794476387	6	5	0.280130698		
	Brain_Cerebellum			0.986309834			Brain_Anterior_cingulate_cortex_BA24		
	3.672613825	0.095486513	0.221936016	0.01715892	1.080025786				
	0.430522058	0.402906111	5	0	0.998207054				
CHRNA7	ENSG00000175344.17			0.794540847	2	2	0.51574175		
	Brain_Hippocampus			0.871846414			Brain_Putamen_basal_ganglia	1.049707522	
	0.950292478	0.950292478	-0.161313598	0.649923325			0.244304864		
	0.573631129	2	0	0.998207054					
KIAA0087	ENSG00000122548.5			0.794790264	8	8	0.175029064		
	Brain_Cerebellar_Hemisphere			0.995063317			Brain_Cerebellum	2.087830682	

	0.401158831	0.401158831	-0.725497693	1.356220365	0.148487008
	0.714876693	8	0	0.998207054	
SFMBT2	ENSG00000198879.11	0.794804807	1	1	0.794804807
	Brain_Cerebellar_Hemisphere	0.794804807	Brain_Cerebellar_Hemisphere	1	1
	1	0.260076445	0.260076445	0.260076445	NA 1 0
	0.998207054				
CTD-2521M24.11	ENSG00000269736.1	0.794838525	2	2	0.522523464
	Brain_Anterior_cingulate_cortex_BA24	0.844586194	Brain_Caudate_basal_ganglia		
	1.043913316	0.956086684	0.956086684	-0.639460405	-0.196030628
	-0.417745516	0.313552203	2	0	0.998207054
RP11-417L19.2	ENSG00000256955.2	0.795099252	2	2	0.583918363
	Brain_Cerebellar_Hemisphere	0.635922926	Brain_Cerebellum	1.144826561	
	0.855173439	0.855173439	0.473406875	0.547670222	0.510538549
	0.052512116	2	0	0.998207054	
CNST	ENSG00000162852.13	0.795157003	3	3	0.504245611
	Brain_Cerebellar_Hemisphere	1.401142795	Brain_Cerebellum	0.599270907	
	0.738553141	-0.667824522	0.333769976	-0.27084781	0.53210337
	0.599270907	0	0.998207054		3
	0	0.998207054			
IL1RL1	ENSG00000115602.16	0.795181656	13	1	0.631814104
	Brain_Cortex	0.987535421	Brain_Hypothalamus	12.43495144	
	0.000311751	12.43495144	-0.479175047	0.015677603	-0.251172325
	0.157552053	1	0	0.998207054	
ATG10	ENSG00000152348.15	0.795207725	13	2	0.402660089
	Brain_Hypothalamus	0.895091214	Brain_Substantia_nigra	11.2747775	
	0.002668009	0.683451085	-0.836879883	-0.131864821	-0.519081034
	0.229151462	0	0.998207054		
NEMP1	ENSG00000166881.9	0.795448391	6	6	0.327052789
	Brain_Cerebellar_Hemisphere	0.798799075	Brain_Putamen_basal_ganglia		
	2.445118221	0.223923303	0.223923303	-0.941952855	0.980067524
	-0.137118321	0.691395843	6	0	0.998207054
RP11-615I2.6	ENSG00000275383.1	0.795485443	3	3	0.539675938
	Brain_Hypothalamus	0.786591046	Brain_Substantia_nigra	2.00009278	
	0.31368751	0.31368751	-0.613303109	0.270739953	-0.293150886
	0.489836114	3	0	0.998207054	
TCHH	ENSG00000159450.12	0.795910936	2	2	0.533986047
	Brain_Frontal_Cortex_BA9	0.827447637	Brain_Cortex	1.072989107	
	0.927010893	0.927010893	-0.621932814	0.217976223	-0.201978296
	0.593905376	2	0	0.998207054	
PLEKHG2	ENSG00000090924.14	0.795961981	3	3	0.469287596
	Brain_Cerebellum	0.829565068	Brain_Cerebellar_Hemisphere	1.72334418	
	0.285728543	0.285728543	-0.723638668	-0.215259417	-0.509315537
	0.263401552	3	0	0.998207054	
ANKRD20A4	ENSG00000172014.12	0.795963456	1	1	0.795963456
	Brain_Frontal_Cortex_BA9	0.795963456	Brain_Frontal_Cortex_BA9	1	1
	1	-0.258574635	-0.258574635	-0.258574635	NA 1 0
	0.998207054				
PITPNM2	ENSG00000090975.12	0.795987887	3	3	0.441071099
	Brain_Cerebellum	0.841307293	Brain_Amygdala	2.041810311	0.089941376
	0.089941376	-0.200221576	0.770385759	0.353963796	0.499753657
	3	0	0.998207054		
NMNAT1	ENSG00000173614.13	0.796214693	2	2	0.505132431
	Brain_Putamen_basal_ganglia	0.921245799	Brain_Frontal_Cortex_BA9		
	1.013497317	0.986502683	0.986502683	-0.666436044	0.098864571
	-0.283785736	0.541149254	2	0	0.998207054
MRPL48	ENSG00000175581.13	0.796218306	9	5	0.316263651
	Brain_Hypothalamus	0.972273081	Brain_Cortex	5.461545772	
	0.015263032	0.225356602	-0.850052284	1.002165535	0.094595871
	0.503636246	5	0	0.998207054	
LINC01501	ENSG00000229613.1	0.796291543	1	1	0.796291543
	Brain_Cerebellar_Hemisphere	0.796291543	Brain_Cerebellar_Hemisphere	1	1
	1	-0.258149484	-0.258149484	-0.258149484	NA 1 0
	0.998207054				

NIM1K	ENSG00000177453.7	0.796311514	1	1	0.796311514			
	Brain_Substantia_nigra	0.796311514			Brain_Substantia_nigra	1	1	
	1	0.258123605	0.258123605	0.258123605	NA	1	0	
	0.998207054							
RPL6	ENSG00000089009.15	0.796561363	1	1	0.796561363		Brain_Cerebellum	
	0.796561363	Brain_Cerebellum	1	1	0.257799873		0.257799873	
	0.257799873	NA	1	0	0.998207054			
RP11-231C18.2	ENSG00000248518.1	0.796588522	4	2	0.492111553			
	Brain_Hypothalamus	0.628721468			Brain_Substantia_nigra		3.685008623	
	0.002572645	0.273630975	-0.68695426	-0.483527177			-0.592449161	
	0.084789531	2	0	0.998207054				
TSPAN14	ENSG00000108219.14	0.796644081	6	6	0.19858298			
	Brain_Cerebellar_Hemisphere	0.982654558			Brain_Nucleus_accumbens_basal_ganglia			
	2.33498374	0.235459898	0.235459898	-0.448550754	1.28559919	0.20311088		
	0.604206991	6	0	0.998207054				
OLFM2	ENSG00000105088.8	0.796777295	7	5	0.207876802			
	Brain_Putamen_basal_ganglia	0.95455669	Brain_Caudate_basal_ganglia	4.816159793				
	0.044740168	0.297279263	-0.32352192	1.259425172		0.552610715		
	0.605206972	5	0	0.998207054				
MGAT5	ENSG00000152127.8	0.796943888	1	1	0.796943888		Brain_Cerebellum	
	0.796943888	Brain_Cerebellum	1	1	-0.257304281		-0.257304281	
	-0.257304281	NA	1	0	0.998207054			
LEFTY1	ENSG00000243709.1	0.796947938	12	8	0.081442528			
	Brain_Cortex	0.826610867	Brain_Hypothalamus	6.407012966				
	0.068984336	0.246865401	-0.750239456	1.74237683	0.567523735			
	0.746120612	8	0	0.998207054				
INSM1	ENSG00000173404.4	0.79694975	1	1	0.79694975	Brain_Cortex	0.79694975	
	Brain_Cortex	1	1	1	0.257296687		0.257296687	
	NA	1	0	0.998207054				
CCDC6	ENSG00000108091.10	0.797111375	3	3	0.410377233		Brain_Cerebellum	
	0.701808602	Brain_Cerebellar_Hemisphere	1.7112517	0.254017916				
	0.254017916	-0.383938744	0.823229962	0.274057135		0.610897629		
	3	0	0.998207054					
SP4	ENSG00000105866.13	0.797119211	1	1	0.797119211			
	Brain_Nucleus_accumbens_basal_ganglia	0.797119211						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.257077157			
	0.257077157	0.257077157	NA	1	0	0.998207054		
RP11-71L14.4	ENSG00000274698.1	0.797218969	1	1	0.797218969			
	Brain_Cerebellum	0.797218969	Brain_Cerebellum	1	1	1	-0.256947931	
	-0.256947931	-0.256947931	NA	1	0	0.998207054		
EFEMP1	ENSG00000115380.19	0.797266866	6	6	0.196485756			
	Brain_Caudate_basal_ganglia	0.523909453	Brain_Amygdala	2.402650401				
	0.269530846	0.269530846	0.637330708	1.291628713		0.945086262		
	0.248090631	6	0	0.998207054				
CXCR2	ENSG00000180871.7	0.797293409	1	1	0.797293409			
	Brain_Caudate_basal_ganglia	0.797293409	Brain_Caudate_basal_ganglia	1	1			
	1	-0.256851504	-0.256851504	-0.256851504	NA	1	0	
	0.998207054							
SEMA3E	ENSG00000170381.12	0.797308178	3	3	0.378269182			
	Brain_Substantia_nigra	0.799636026	Brain_Putamen_basal_ganglia					
	1.799249342	0.390428825	0.390428825	-0.881089865		0.253818183		
	-0.368752197	0.575428108	3	0	0.998207054			
PAN3	ENSG00000152520.13	0.797404243	1	1	0.797404243			
	Brain_Cerebellar_Hemisphere	0.797404243	Brain_Cerebellar_Hemisphere	1	1			
	1	-0.256707939	-0.256707939	-0.256707939	NA	1	0	
	0.998207054							
KAT2B	ENSG00000114166.7	0.797521669	4	4	0.299546206			
	Brain_Anterior_cingulate_cortex_BA24	0.997682229	Brain_Hippocampus					
	1.632399184	0.572798212	0.572798212	-1.037407025		0.0029049		
	-0.547017287	0.564860752	4	0	0.998207054			
LINC01979	ENSG00000262585.1	0.79754806	1	1	0.79754806	Brain_Cerebellum		
	0.79754806	Brain_Cerebellum	1	1	-0.256521657		-0.256521657	

	-0.256521657	NA	1	0	0.998207054					
TRIP10	ENSG00000125733.17			0.797732606		1	1	0.797732606		
	Brain_Cerebellar_Hemisphere			0.797732606				Brain_Cerebellar_Hemisphere	1	1
	1	0.256282633		0.256282633		0.256282633		NA	1	0
	0.998207054									
NME3	ENSG00000103024.7			0.797804171		1	1	0.797804171		
	Brain_Cerebellar_Hemisphere			0.797804171				Brain_Cerebellar_Hemisphere	1	1
	1	0.256189947		0.256189947		0.256189947		NA	1	0
	0.998207054									
NCOA3	ENSG00000124151.18			0.797836064		1	1	0.797836064		
	Brain_Spinal_cord_cervical_c-1			0.797836064				Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.256148642		-0.256148642		-0.256148642	NA	1
	0.998207054									
AF127936.7	ENSG00000281903.2			0.797931319		1	1	0.797931319		
	Brain_Cortex			0.797931319		Brain_Cortex	1	1	1	-0.256025277
	-0.256025277			-0.256025277		NA	1	0	0.998207054	
RP11-454P21.1	ENSG00000249937.5			0.797946905		6	4	0.288069743		
	Brain_Cortex			0.837605234		Brain_Hypothalamus	5.02210778	0.051446755		
	0.193331382			0.204957622		1.062365603		0.529255898		0.308952138
	4	0	0.998207054							
LINC01377	ENSG00000249808.2			0.798011382		2	2	0.503990466		
	Brain_Cerebellum			0.778052883		Brain_Spinal_cord_cervical_c-1	1.510411141			
	0.489588859			0.489588859		0.281857364		0.668224237		0.4750408
	0.273202636		2	0	0.998207054					
PRIM1	ENSG00000198056.13			0.798482211		4	4	0.276911922		
	Brain_Frontal_Cortex_BA9			0.962604197		Brain_Cortex	1.451236234			
	0.608915929			0.608915929		-0.046885861		1.087282631		0.580525066
	0.505400682		4	0	0.998207054					
IKZF5	ENSG00000095574.11			0.798486923		1	1	0.798486923		
	Brain_Anterior_cingulate_cortex_BA24			0.798486923						
	Brain_Anterior_cingulate_cortex_BA24			1	1	1	0.255305797			
	0.255305797			0.255305797		NA	1	0	0.998207054	
GPR18	ENSG00000125245.12			0.798487178		1	1	0.798487178		
	Brain_Hypothalamus			0.798487178		Brain_Hypothalamus	1	1	1	
	0.255305466			0.255305466		0.255305466		NA	1	0
	0.998207054									
AFAP1	ENSG00000196526.10			0.798576826		2	1	0.774685317		Brain_Cerebellum
	0.825513092			Brain_Cerebellar_Hemisphere		1.971361808		0.028638192		
	1.971361808			-0.286251741		-0.220459781		-0.253355761		0.046521941
	1	0	0.998207054							
SLC4A5	ENSG00000188687.17			0.798669326		7	4	0.312879131		
	Brain_Cortex			0.776036136		Brain_Nucleus_accumbens_basal_ganglia				
	5.680186875			0.04208826		0.225934705		-1.009199156		-0.284488382
	-0.716064569			0.30142836		4	0	0.998207054		
HSPB8	ENSG00000152137.6			0.798702103		2	2	0.51793016		
	Brain_Putamen_basal_ganglia			0.757171625		Brain_Cortex	1.209737072			
	0.790262928			0.790262928		0.309197067		0.64653929		0.477868179
	0.238536974		2	0	0.998207054					
MFN1	ENSG00000171109.18			0.798737457		12	4	0.176246164		
	Brain_Nucleus_accumbens_basal_ganglia			0.976509899		Brain_Substantia_nigra				
	9.512990341			0.010211768		0.399033991		-1.352403833		-0.029444729
	-0.747139538			0.4640135		4	0	0.998207054		
CNOT2	ENSG00000111596.11			0.798797369		1	1	0.798797369		
	Brain_Cerebellar_Hemisphere			0.798797369		Brain_Cerebellar_Hemisphere	1	1		
	1	0.254903841		0.254903841		0.254903841		NA	1	0
	0.998207054									
HTR5A	ENSG00000157219.3			0.79897533		4	4	0.493547304		
	Brain_Frontal_Cortex_BA9			0.576076034		Brain_Nucleus_accumbens_basal_ganglia				
	1.462074596			0.625468936		0.625468936		-0.684677732		0.672966221
	0.30313297			0.660583546		4	0	0.998207054		
FPGS	ENSG00000136877.14			0.799002092		2	2	0.536469069		
	Brain_Substantia_nigra			0.70482832		Brain_Hippocampus	1.203909918			
	0.796090082			0.796090082		-0.618161222		-0.378810863		-0.498486042

	0.169246262	2	0	0.998207054					
TXNDC16	ENSG00000087301.8			0.7990904	11	5	0.163650558	Brain_Cerebellum	
	0.66249068	Brain_Spinal_cord_cervical_c-1		8.563090201			0.008966389		
	0.318820104	-1.392898261		-0.436477005			-1.012673697	0.349936107	
	5	0	0.998207054						
CTD-2349P21.5	ENSG00000263603.1			0.7990358	8	5	0.17398098		
	Brain_Nucleus_accumbens_basal_ganglia	0.712312414					Brain_Amygdala		
	5.486097579	0.043867742		0.303202123			-0.767892928	1.359522808	
	0.523685471	0.60464232	5	0	0.998207054				
SERP2	ENSG00000151778.10			0.799175394	2	2	0.608942592		
	Brain_Spinal_cord_cervical_c-1	0.711295714					Brain_Cerebellar_Hemisphere		
	1.11534652	0.88465348	0.88465348	-0.51158342			-0.370116465	-0.440849943	
	0.100032243	2	0	0.998207054					
SLC35G1	ENSG00000176273.14			0.799185702	7	6	0.139650047		
	Brain_Hippocampus	0.488013101		Brain_Frontal_Cortex_BA9			3.893267878		
	0.000590694	0.249553678		-1.477095474			-0.693472463	-1.063839544	
	0.308149023	6	0	0.998207054					
BRSK2	ENSG00000174672.15			0.799199426	1	1	0.799199426	Brain_Cerebellum	
	0.799199426	Brain_Cerebellum1		1	1		-0.254383333	-0.254383333	
	-0.254383333	NA	1	0	0.998207054				
C3orf62	ENSG00000188315.7			0.799199818	1	1	0.799199818		
	Brain_Cerebellum	0.799199818		Brain_Cerebellum1	1	1	-0.254382825	-0.254382825	
	-0.254382825	-0.254382825	NA	1	0	0.998207054			
SLC1A1	ENSG00000106688.11			0.799204279	4	4	0.267963635		
	Brain_Frontal_Cortex_BA9	0.79134326		Brain_Cerebellar_Hemisphere	1.562899568				
	0.444459787	0.444459787		0.26456672	1.107764269		0.701010461		
	0.432523793	4	0	0.998207054					
LTF	ENSG00000012223.12			0.79927441	5	2	0.586465461	Brain_Hypothalamus	
	0.906835495	Brain_Spinal_cord_cervical_c-1		4.706353179			0.000823273		
	0.158115808	0.117030991		0.543965141			0.344458272	0.168524303	
	2	0	0.998207054						
DLL3	ENSG00000090932.10			0.799337721	1	1	0.799337721		
	Brain_Cerebellar_Hemisphere	0.799337721		Brain_Cerebellar_Hemisphere	1	1			
	1	-0.25420431		-0.25420431			NA	1	0
	0.998207054								
SLC35F5	ENSG00000115084.13			0.7995175	10	5	0.426463285	Brain_Cortex	
	0.813338783	Brain_Amygdala		7.980121239			0.009052276	0.295904807	
	-0.379149044	0.795258265		0.425981488			0.33797068	5	0
	0.998207054								
REN	ENSG00000143839.14			0.799545219	3	3	0.454157906	Brain_Amygdala	
	0.860779355	Brain_Frontal_Cortex_BA9		2.141487198			0.353338252		
	0.353338252	-0.175382163		0.748501192			0.311701769	0.463989776	
	3	0	0.998207054						
MYOZ3	ENSG00000164591.13			0.799623506	3	3	0.500480274		
	Brain_Nucleus_accumbens_basal_ganglia	0.661243538		Brain_Substantia_nigra					
	1.043064225	0.95349854	0.95349854	-0.673734264			0.438196924		
	-0.276962257	0.620584834		3	0	0.998207054			
RAE1	ENSG00000101146.12			0.799766722	1	1	0.799766722		
	Brain_Frontal_Cortex_BA9	0.799766722		Brain_Frontal_Cortex_BA9	1	1			
	1	-0.25364902		-0.25364902			NA	1	0
	0.998207054								
KPNA1	ENSG00000114030.12			0.799953245	8	4	0.28996699		
	Brain_Putamen_basal_ganglia	0.932251472		Brain_Amygdala	6.044292184				
	0.014860694	0.407270723		-0.085012476			1.058194035	0.476070057	
	0.383061923	4	0	0.998207054					
RP11-10C24.2	ENSG00000271324.1			0.799990604	7	5	0.441195015		
	Brain_Amygdala	0.955929174		Brain_Cortex	4.982060657		0.070106348		
	0.178301495	-0.770176815		0.675181831			0.034568187	0.50928023	5
	0	0.998207054							
SERPINE2	ENSG00000135919.12			0.80001209	1	1	0.80001209	Brain_Hypothalamus	
	0.80001209	Brain_Hypothalamus		1	1	1	0.253331456	0.253331456	
	0.253331456	NA	1	0	0.998207054				

SOX6	ENSG00000110693.17	0.800124764	1	1	0.800124764				
	Brain_Frontal_Cortex_BA9	0.800124764			Brain_Frontal_Cortex_BA9	1	1		
	1	0.253185638	0.253185638	0.253185638	NA	1	0		
	0.998207054								
TYMP	ENSG00000025708.13	0.800165178	5	5	0.20555254	Brain_Cortex			
	0.893358278	Brain_Hippocampus			1.547765576	0.471063889			
	0.471063889	-1.265889797	0.402348016		-0.389778074	0.669108577			
	5	0	0.998207054						
COG3	ENSG00000136152.14	0.8002259	3	3	0.379663025				
	Brain_Putamen_basal_ganglia	0.867861596			Brain_Cerebellum	1.895232846			
	0.087344506	0.087344506	-0.878517353		0.193892744	-0.283666643			
	0.545741509	3	0	0.998207054					
BFSP1	ENSG00000125864.13	0.800235858	2	2	0.505839937				
	Brain_Caudate_basal_ganglia	0.957870006			Brain_Cortex	1.161113953			
	0.838886047	0.838886047	0.052826677		0.665329233	0.359077955			
	0.433104711	2	0	0.998207054					
LMAN2L	ENSG00000114988.11	0.800385733	7	5	0.361552225				
	Brain_Hippocampus	0.670343353			Brain_Putamen_basal_ganglia	3.396121777			
	0.032509223	0.172689193	-0.912411334		0.636312242	-0.462704233			
	0.526011848	5	0	0.998207054					
KIF7	ENSG00000166813.14	0.800444762	1	1	0.800444762				
	Brain_Hypothalamus	0.800444762			Brain_Hypothalamus	1	1	1	
	0.25277154	0.25277154	0.25277154	NA	1	0	0.998207054		
POLDIP3	ENSG00000100227.17	0.80049097	4	3	0.422300414	Brain_Cortex			
	0.844484489	Brain_Putamen_basal_ganglia	3.23289433	0.073851719					
	0.281282575	-0.80243666	-0.19616057		-0.466910384	0.255035826			
	3	0	0.998207054						
A2ML1	ENSG00000166535.19	0.800492682	3	3	0.436563323				
	Brain_Hippocampus	0.842498893			Brain_Nucleus_accumbens_basal_ganglia				
	1.382680246	0.666574717	0.666574717		-0.778009651	0.198698123			
	-0.355828101	0.501623219	3	0	0.998207054				
RP11-93209.9	ENSG00000269930.1	0.800506374	3	3	0.424924042				
	Brain_Spinal_cord_cervical_c-1	0.989709226			Brain_Hypothalamus				
	1.564195851	0.480235566	0.480235566		-0.797907722	0.424880538			
	-0.120043085	0.622139669	3	0	0.998207054				
EPHX2	ENSG00000120915.13	0.800559302	13	3	0.473174211	Brain_Cortex			
	0.886368165	Brain_Hippocampus	10.57155349	0.003027176					
	0.630102546	-0.717323985	0.174042219		-0.402504767	0.299202671			
	3	0	0.998207054						
FREM3	ENSG00000183090.5	0.800582853	2	2	0.506230501				
	Brain_Frontal_Cortex_BA9	0.903689626			Brain_Cortex	1.261301362			
	0.738698638	0.738698638	0.12100178	0.664718591	0.392860185				
	0.384465844	2	0	0.998207054					
SCG3	ENSG00000104112.8	0.800676142	9	1	0.596958615				
	Brain_Hippocampus	0.877486938			Brain_Putamen_basal_ganglia	8.472513225			
	0.000755029	8.472513225	-0.528779219	0.344482723	-0.240960195				
	0.24470719	1	0	0.998207054					
PHF20L1	ENSG00000129292.20	0.800752018	3	3	0.392551995				
	Brain_Frontal_Cortex_BA9	0.814678452			Brain_Hypothalamus	1.110695165			
	0.8649103	0.8649103	0.234394856	0.85499847	0.539275929	0.310443818			
	3	0	0.998207054						
LRRC55	ENSG00000183908.5	0.800834239	1	1	0.800834239				
	Brain_Caudate_basal_ganglia	0.800834239			Brain_Caudate_basal_ganglia	1	1		
	1	0.252267589	0.252267589	0.252267589	NA	1	0		
	0.998207054								
PLD1	ENSG00000075651.15	0.80092417	2	2	0.506123423				
	Brain_Caudate_basal_ganglia	0.864644934			Brain_Cerebellum	1.191963507			
	0.808036493	0.808036493	0.170464394		0.664885981	0.417675187			
	0.349608857	2	0	0.998207054					
TMEM86B	ENSG00000180089.5	0.80102342	9	9	0.071779144				
	Brain_Hippocampus	0.953593926			Brain_Substantia_nigra	1.43200035			
	0.689540041	0.689540041	-1.800516351	1.055485411	-0.147932909				

	0.827031006	9	0	0.998207054					
LINC01484	ENSG00000253686.1			0.801103503	2	2	0.534360042		
	Brain_Cerebellar_Hemisphere			0.817500343			Brain_Amygdala	1.014281761	
	0.985718239	0.985718239		-0.230761178			0.621364168	0.195301495	
	0.602543611	2	0	0.998207054					
COL1A1	ENSG00000108821.13			0.801261727	1	1	0.801261727		
	Brain_Caudate_basal_ganglia			0.801261727			Brain_Caudate_basal_ganglia	1	1
	1	-0.251714528	-0.251714528	-0.251714528			NA	1	0
	0.998207054								
SFXN3	ENSG00000107819.13			0.801370244	10	10	0.097216971		
	Brain_Frontal_Cortex_BA9			0.935817375			Brain_Spinal_cord_cervical_c-1		
	2.423871221	0.265449546		0.265449546			-1.6584981	0.668424513	
	-0.563694357	0.740025596	10	0	0.998207054				
BICC1	ENSG00000122870.11			0.801388748	7	6	0.340950024		
	Brain_Caudate_basal_ganglia			0.990435519			Brain_Spinal_cord_cervical_c-1		
	3.377128096	0.101779196		0.398937405			-0.952289811	0.414051064	
	-0.253488041	0.510745299	6	0	0.998207054				
AKAP13	ENSG00000170776.21			0.801574336	4	3	0.440805569		
	Brain_Hippocampus			0.973873835			Brain_Caudate_basal_ganglia	2.835839	
	0.04407953	0.250705062		-0.7708336	-0.032750146		-0.382732961		
	0.389029306	3	0	0.998207054					
GRIK3	ENSG00000163873.9			0.801627655	1	1	0.801627655		
	Brain_Frontal_Cortex_BA9			0.801627655			Brain_Frontal_Cortex_BA9	1	1
	1	0.251241171	0.251241171	0.251241171			NA	1	0
	0.998207054								
OSBPL1	ENSG00000144909.7			0.801652344	9	7	0.184835758		
	Brain_Cortex			0.950827567			Brain_Hippocampus	4.373216356	
	0.038529776	0.188875256		-0.700804016	1.326011894		0.179276001		
	0.686327422	7	0	0.998207054					
CCDC180	ENSG00000197816.13			0.801664725	4	3	0.37173427		
	Brain_Frontal_Cortex_BA9			0.868202626			Brain_Cortex	2.931862135	
	0.059849473	0.185834226		-0.893229526	-0.16594196		-0.529504659		
	0.34838334	3	0	0.998207054					
UBE2M	ENSG00000130725.7			0.801784635	1	1	0.801784635		
	Brain_Frontal_Cortex_BA9			0.801784635			Brain_Frontal_Cortex_BA9	1	1
	1	0.251038123	0.251038123	0.251038123			NA	1	0
	0.998207054								
DDX11	ENSG00000013573.16			0.801792443	13	1	0.635193013		
	Brain_Hypothalamus			0.89506942	Brain_Cerebellum	12.59493058		0.001168262	
	12.59493058	-0.313505536		0.474430409	0.243533533		0.196310932		
	1	0	0.998207054						
RP11-378I6.1	ENSG00000261402.1			0.801897691	13	13	0.182060743		
	Brain_Cerebellum			0.811388741	Brain_Caudate_basal_ganglia	3.526411983			
	0.204433074	0.204433074		-0.608213631	1.334436811		0.088270425		
	0.742647448	13	0	0.998207054					
MEIOC	ENSG00000180336.17			0.801924968	4	4	0.280410217		
	Brain_Hypothalamus			0.818150517	Brain_Nucleus_accumbens_basal_ganglia				
	2.467109504	0.274530738		0.274530738	-1.079398281		-0.229924398		
	-0.7942575	0.397016771	4	0	0.998207054				
GUSB	ENSG00000169919.16			0.801938303	1	1	0.801938303	Brain_Cerebellum	
	0.801938303	Brain_Cerebellum	1	1	1	0.250839369	0.250839369		
	0.250839369	NA	1	0	0.998207054				
RP11-297J22.1	ENSG00000271709.1			0.801993008	2	2	0.686247143		
	Brain_Substantia_nigra			0.979425683	Brain_Nucleus_accumbens_basal_ganglia				
	1.816885288	0.183114712		0.183114712	0.025788941		0.403953188		
	0.214871065	0.267402504	2	0	0.998207054				
SLIRP	ENSG00000119705.9			0.802165861	2	2	0.536437025		
	Brain_Hippocampus			0.845046976	Brain_Anterior_cingulate_cortex_BA24				
	1.074659443	0.925340557		0.925340557	-0.618209839		0.195441953		
	-0.211383943	0.575338699	2	0	0.998207054				
LINC01869	ENSG00000180279.6			0.802229238	13	9	0.096663276		
	Brain_Nucleus_accumbens_basal_ganglia			0.963671267	Brain_Cerebellum	5.56379292			

	0.001757823	0.214764109	-1.661249858	0.783504269	-0.010855167		
	0.680625746	9 0	0.998207054				
NKAIN4	ENSG00000101198.14	0.802257673	12 4	0.257244312			
	Brain_Nucleus_accumbens_basal_ganglia	0.913693849		Brain_Substantia_nigra			
	9.684053755	0.000984115	0.348688434	0.108380524	1.132928424		
	0.784762263	0.323146729	4 0	0.998207054			
CXCL13	ENSG00000156234.7	0.80239877 2	2 2	0.507582542	Brain_Cerebellum		
	0.625624039	Brain_Cerebellar_Hemisphere	1.698097617	0.301902383			
	0.301902383	-0.6626066 -0.48789525	-0.575250925	0.12353958 2	0		
	0.998207054						
ZCCHC4	ENSG00000168228.14	0.802458842	2 2	0.516301375			
	Brain_Cortex	0.756209836	Brain_Cerebellum	1.27481113 0.72518887	0.72518887		
	-0.649057246	-0.310461759	-0.479759502	0.239423165	2 0		
	0.998207054						
BTAFL1	ENSG00000095564.13	0.802461384	1 1	0.802461384	Brain_Cerebellum		
	0.802461384	Brain_Cerebellum	1 1 1	0.250162889	0.250162889		
	0.250162889	NA 1 0	0.998207054				
TUNAR	ENSG00000250366.2	0.802491287	3 3	0.326290787	Brain_Cortex		
	0.950358052	Brain_Frontal_Cortex_BA9	1.433787677	0.571330186			
	0.571330186	-0.9816125 0.230683338	-0.271062104	0.632546387	3		
	0 0.998207054						
NPM2	ENSG00000158806.13	0.802522895	2 2	0.559400106			
	Brain_Cerebellar_Hemisphere	0.653825102	Brain_Cerebellum	1.24501648 0.75498352			
	0.75498352 0.448454658	0.583732785	0.516093722	0.095656081	2		
	0 0.998207054						
PGAM5	ENSG00000247077.6	0.80255521 2 2	0.558578724	Brain_Cerebellum			
	0.969873863	Brain_Cerebellar_Hemisphere	1.520811642	0.479188358			
	0.479188358	-0.584953886 -0.03776649	-0.311360188	0.386919919			
	2 0 0.998207054						
CHORDC1	ENSG00000110172.11	0.802596299	1 1	0.802596299			
	Brain_Cortex	0.802596299	Brain_Cortex	1 1 1	0.249988427		
	0.249988427	0.249988427 NA 1 0	0.998207054				
ZNF296	ENSG00000170684.8	0.802704243	3 3	0.433305748			
	Brain_Hypothalamus	0.724517377	Brain_Putamen_basal_ganglia	1.390428742			
	0.60333889 0.60333889	-0.78354737	0.352427906	-0.394273627			
	0.646858506 3 0	0.998207054					
NINJ1	ENSG00000131669.9	0.802747562	10 6	0.132259061			
	Brain_Spinal_cord_cervical_c-1	0.992015759	Brain_Amygdala	6.42366885			
	1.08E-19 0.350024469	-1.505252934	0.560250502	-0.043229181			
	0.600665647 6 0	0.998207054					
METTL10	ENSG00000203791.14	0.802833083	12 7	0.07888108	Brain_Cortex		
	0.828118846	Brain_Hippocampus	7.345158145	0.0059571	0.353072635		
	0.217114844	1.757215524 1.176843102	0.460930224	7 0			
	0.998207054						
PEG10	ENSG00000242265.5	0.802884587	2 2	0.562983102			
	Brain_Hippocampus	0.641084443	Brain_Cerebellum	1.267373167			
	0.732626833 0.732626833	0.466183103	0.578416285	0.522299694			
	0.079360843 2 0	0.998207054					
IRX6	ENSG00000159387.7	0.802886163	6 5	0.417751829			
	Brain_Nucleus_accumbens_basal_ganglia	0.909894002					
	Brain_Anterior_cingulate_cortex_BA24	4.441750832	0.043226834	0.20904238			
	0.113172242 0.810327753	0.381941487	0.256910541	5 0			
	0.998207054						
ERGIC3	ENSG00000125991.19	0.802890589	8 3	0.273896998			
	Brain_Caudate_basal_ganglia	0.755714455	Brain_Nucleus_accumbens_basal_ganglia				
	6.801008002 0.003387618	0.30906783	0.311113346	1.094132209			
	0.780319812 0.245202002	3 0	0.998207054				
TMEM234	ENSG00000160055.19	0.803082656	4 3	0.338814231			
	Brain_Hypothalamus	0.630147237	Brain_Cortex	3.445618247			
	0.023555544 0.135223735	0.481519622	0.9565108	0.776902515			
	0.213113286 3 0	0.998207054					
C12orf75	ENSG00000235162.8	0.803113199	3 2	0.516684221			

	Brain_Frontal_Cortex_BA9	0.994318371		Brain_Nucleus_accumbens_basal_ganglia			
	2.079712675	0.00973258	0.910554745	-0.007120926	0.648465031		
	0.222742146	0.369078632	2	0	0.998207054		
RP11-129K12.1	ENSG00000272334.1	0.803118628		1	1	0.803118628	
	Brain_Substantia_nigra	0.803118628		Brain_Substantia_nigra	1	1	
	1	-0.249313062	-0.249313062	-0.249313062	NA	1	0
	0.998207054						
RGPD2	ENSG00000185304.14	0.803401644	1	1	0.803401644	Brain_Cerebellum	
	0.803401644	Brain_Cerebellum	1	1	-0.248947174	-0.248947174	
	-0.248947174	NA	1	0	0.998207054		
MELTF	ENSG00000163975.11	0.803536504	1	1	0.803536504		
	Brain_Putamen_basal_ganglia	0.803536504		Brain_Putamen_basal_ganglia	1	1	
	1	-0.248772836	-0.248772836	-0.248772836	NA	1	0
	0.998207054						
LINC02147	ENSG00000249797.1	0.803552377	1	1	0.803552377		
	Brain_Putamen_basal_ganglia	0.803552377		Brain_Putamen_basal_ganglia	1	1	
	1	-0.248752318	-0.248752318	-0.248752318	NA	1	0
	0.998207054						
GNB5	ENSG00000069966.18	0.803610263	1	1	0.803610263		
	Brain_Cerebellar_Hemisphere	0.803610263		Brain_Cerebellar_Hemisphere	1	1	
	1	0.248677489	0.248677489	0.248677489	NA	1	0
	0.998207054						
RP11-680H20.2	ENSG00000250519.6	0.803612304	2	2	0.536645017		
	Brain_Cerebellum	0.848809131		Brain_Cerebellar_Hemisphere	1.610465266		
	0.389534734	0.389534734	0.190638109	0.617894299	0.404266204		
	0.302115749	2	0	0.998207054			
RP11-930P14.2	ENSG00000260588.1	0.803703938	5	5	0.353180315		
	Brain_Cerebellar_Hemisphere	0.963280747		Brain_Caudate_basal_ganglia			
	1.344803489	0.651533081	0.651533081	-0.719299555	0.928438192		
	-0.010069562	0.682280941	5	0	0.998207054		
PSMB7	ENSG00000136930.12	0.803938266	1	1	0.803938266	Brain_Cerebellum	
	0.803938266	Brain_Cerebellum	1	1	0.248253511	0.248253511	
	0.248253511	NA	1	0	0.998207054		
WNT11	ENSG00000085741.12	0.804112629	3	3	0.405084884		
	Brain_Nucleus_accumbens_basal_ganglia	0.826544331		Brain_Frontal_Cortex_BA9			
	1.249623391	0.724472871	0.724472871	0.219135715	0.832574255		
	0.52223383	0.306783391	3	0	0.998207054		
CHST3	ENSG00000122863.5	0.804179301	1	1	0.804179301		
	Brain_Caudate_basal_ganglia	0.804179301		Brain_Caudate_basal_ganglia	1	1	
	1	0.247941977	0.247941977	0.247941977	NA	1	0
	0.998207054						
PRICKLE1	ENSG00000139174.11	0.804218274	2	2	0.511321968		
	Brain_Cerebellum	0.572083882		Brain_Cerebellar_Hemisphere	1.90355011	0.09644989	
	0.09644989	-0.65678065	-0.564985125	-0.610882888	0.064909239	2	
	0	0.998207054					
KAT2A	ENSG00000108773.10	0.804253622	1	1	0.804253622	Brain_Cerebellum	
	0.804253622	Brain_Cerebellum	1	1	0.247845923	0.247845923	
	0.247845923	NA	1	0	0.998207054		
PGBD4	ENSG00000182405.5	0.804552894	5	5	0.396808692		
	Brain_Cerebellar_Hemisphere	0.997693892		Brain_Cerebellum	2.93143519		
	0.220369171	0.220369171	-0.684986746	0.847334517	0.10066635		
	0.546385102	5	0	0.998207054			
VAMP1	ENSG00000139190.16	0.804638915	9	2	0.322798558		
	Brain_Anterior_cingulate_cortex_BA24	0.70402382		Brain_Cerebellar_Hemisphere			
	8.008531426	0.003158114	0.592604311	0.379894379	0.988723263		
	0.601358355	0.218181814	2	0	0.998207054		
GLDC	ENSG00000178445.9	0.804892717	3	3	0.526469086		
	Brain_Cerebellar_Hemisphere	0.597662179		Brain_Cerebellum	1.106051702		
	0.856827273	0.856827273	0.527765393	0.633405176	0.593365014		
	0.057270458	3	0	0.998207054			
LLNLR-246C6.1	ENSG00000273218.1	0.805005027	3	3	0.533410608		
	Brain_Anterior_cingulate_cortex_BA24	0.79467034		Brain_Hippocampus			

	1.308495093	0.728635569	0.728635569	-0.260250775	0.62280814
	0.319714051	0.502435385	3 0	0.998207054	
TATDN2	ENSG00000157014.10	0.805158586	5 5	0.256270391	
	Brain_Amygdala	0.613449829	Brain_Nucleus_accumbens_basal_ganglia		
	2.922496429	0.268326955	0.268326955	-1.135250463	-0.505155206
	-0.849629086	0.292070307	5 0	0.998207054	
UVRAG	ENSG00000198382.8	0.805161685	2 2	0.522644169	
	Brain_Nucleus_accumbens_basal_ganglia	0.686725206	Brain_Cerebellum		
	1.783731093	0.216268907	0.216268907	-0.639274815	-0.403303176
	-0.521288995	0.166857146	2 0	0.998207054	
CMSS1	ENSG00000184220.11	0.805307801	1 1	0.805307801	Brain_Cerebellum
	0.805307801	Brain_Cerebellum1	1 1	-0.246483725	-0.246483725
	-0.246483725	NA 1 0	0.998207054		
OLFM3	ENSG00000118733.16	0.805400322	4 4	0.41596086	
	Brain_Spinal_cord_cervical_c-1	0.896430074	Brain_Cerebellar_Hemisphere		
	1.833039186	0.301651216	0.301651216	-0.495744968	0.813448678
	0.027372727	0.587626329	4 0	0.998207054	
HEG1	ENSG00000173706.12	0.805412102	1 1	0.805412102	Brain_Cortex
	0.805412102	Brain_Cortex	1 1 1	-0.246348974	-0.246348974
	-0.246348974	NA 1 0	0.998207054		
PNRC1	ENSG00000146278.10	0.805516987	3 3	0.368045642	
	Brain_Nucleus_accumbens_basal_ganglia	0.976216322	Brain_Amygdala		
	1.747571302	0.449922095	0.449922095	-0.900140205	-0.029812836
	-0.560774658	0.46572447 3	0 0	0.998207054	
SPINK2	ENSG00000128040.10	0.805532702	6 5	0.40660401	
	Brain_Hypothalamus	0.95289946	Brain_Nucleus_accumbens_basal_ganglia		
	4.753023482	0.130413555	0.167323266	-0.0590661	0.829884639
	0.525096977	0.343262425	5 0	0.998207054	
SLF1	ENSG00000133302.12	0.805540151	5 5	0.217109444	
	Brain_Putamen_basal_ganglia	0.873202413	Brain_Caudate_basal_ganglia		
	2.592873782	0.128320608	0.128320608	0.159592086	1.234250851
	0.716614978	0.42789686 5	0 0	0.998207054	
KRT80	ENSG00000167767.13	0.805561025	2 2	0.634120965	Brain_Cortex
	0.863613614	Brain_Frontal_Cortex_BA9	1.855160445	0.144839555	
	0.144839555	0.171776026	0.475934609	0.323855318	0.215072597
	2 0	0.998207054			
TRIM28	ENSG00000130726.11	0.805640974	2 2	0.540010489	
	Brain_Caudate_basal_ganglia	0.813082844	Brain_Nucleus_accumbens_basal_ganglia		
	1.00276585	0.99723415	0.99723415	0.236450848	0.61279713
	0.266117008	2 0	0.998207054		0.424623989
RBM33	ENSG00000184863.10	0.805708591	1 1	0.805708591	
	Brain_Spinal_cord_cervical_c-1	0.805708591	Brain_Spinal_cord_cervical_c-1		
	1 1 1	-0.24596595	-0.24596595	-0.24596595	NA 1 0
	0.998207054				
SWSAP1	ENSG00000173928.2	0.805719497	1 1	0.805719497	
	Brain_Hypothalamus	0.805719497	Brain_Hypothalamus	1 1 1	
	-0.245951862	-0.245951862	-0.245951862	NA 1 0	0.998207054
ANXA2R	ENSG00000177721.4	0.805820181	3 3	0.404499083	
	Brain_Cerebellar_Hemisphere	0.828365893	Brain_Cortex	1.224626521	
	0.764908501	0.764908501	-0.27088148	0.833613026	0.25984313
	0.553504021	3 0	0.998207054		
DOCK8	ENSG00000107099.15	0.806051709	11 10	0.122808795	
	Brain_Hypothalamus	0.602107765	Brain_Cortex	3.950401435	
	0.098754928	0.177686917	-1.543090602	0.521371839	-0.960745659
	0.569740737	10 0	0.998207054		
RABGTB	ENSG00000137955.15	0.806201483	2 2	0.591557274	
	Brain_Cerebellum	0.997874365	Brain_Hippocampus	1.572638852	
	0.427361148	0.427361148	-0.002664092	0.536580707	0.266958308
	0.381303654	2 0	0.998207054		
RIN3	ENSG00000100599.15	0.806259748	5 5	0.290431502	Brain_Cortex
	0.853155752	Brain_Cerebellar_Hemisphere	2.106364071	0.282181625	
	0.282181625	-0.185093434	1.057175494	0.700019928	0.502857525

5 0 0.998207054
MLLT3 ENSG00000171843.15 0.806261582 2 2 0.61190612
Brain_Nucleus_accumbens_basal_ganglia 0.683907639 Brain_Caudate_basal_ganglia
1.017882139 0.982117861 0.982117861 -0.507354479 0.407136634
-0.050108923 0.646642867 2 0 0.998207054
NIPAL2 ENSG00000104361.9 0.806299085 7 6 0.095530737
Brain_Cerebellar_Hemisphere 0.493561692 Brain_Spinal_cord_cervical_c-1
4.674904878 0.056958624 0.181401015 0.684654935 1.66691787
0.966731459 0.349681192 6 0 0.998207054
SLC5A8 ENSG00000256870.2 0.806324808 3 3 0.444054813
Brain_Frontal_Cortex_BA9 0.774129214 Brain_Substantia_nigra
1.183890377 0.8538787 0.8538787 -0.765364018 -0.286977936
-0.508028525 0.241248329 3 0 0.998207054
WDR88 ENSG00000166359.10 0.806329046 2 2 0.511952898
Brain_Anterior_cingulate_cortex_BA24 0.600197129 Brain_Frontal_Cortex_BA9
1.817882363 0.182117637 0.182117637 -0.655799873 -0.524117052
-0.589958462 0.093113816 2 0 0.998207054
FRMPD2 ENSG00000170324.20 0.80634134 6 4 0.32761818 Brain_Cerebellum
0.909477921 Brain_Putamen_basal_ganglia 4.493831035 0.031874158
0.289114588 -0.978922689 -0.113697088 -0.70982632 0.350384944
4 0 0.998207054
GS1-39E22.2 ENSG00000254239.1 0.806416701 2 2 0.522857986
Brain_Hypothalamus 0.886988605 Brain_Hippocampus 1.010006363
0.989993637 0.989993637 -0.142115715 0.638946116 0.2484152
0.552294117 2 0 0.998207054
LINC01799 ENSG00000230525.5 0.806456165 1 1 0.806456165
Brain_Cerebellum 0.806456165 Brain_Cerebellum1 1 1 -0.245000344
-0.245000344 -0.245000344 NA 1 0 0.998207054
UNKL ENSG00000059145.18 0.806516073 1 1 0.806516073
Brain_Spinal_cord_cervical_c-1 0.806516073 Brain_Spinal_cord_cervical_c-1
1 1 1 0.244922973 0.244922973 0.244922973 NA 1 0
0.998207054
LHPP ENSG00000107902.13 0.806565996 12 9 0.221089902
Brain_Frontal_Cortex_BA9 0.996394039 Brain_Putamen_basal_ganglia
7.000746882 0.088026471 0.239564417 -1.059853016 1.223635129
-0.020574381 0.639451986 9 0 0.998207054
RNASEK ENSG00000219200.11 0.806644665 3 3 0.50248356 Brain_Cortex
0.92127958 Brain_Frontal_Cortex_BA9 2.403258139 0.1339691 0.1339691
-0.670587167 0.098822026 -0.344310053 0.397792583 3 0
0.998207054
DNAAF1 ENSG00000154099.17 0.806648065 6 5 0.355989768
Brain_Nucleus_accumbens_basal_ganglia 0.894814764 Brain_Frontal_Cortex_BA9
3.527131218 0.026327343 0.167711858 -0.92303346 0.537757133
-0.10545454 0.540228702 5 0 0.998207054
RP1-153G14.4 ENSG00000271755.1 0.80673393 7 4 0.512281036
Brain_Hippocampus 0.999961278 Brain_Hypothalamus 4.709838871
0.006928762 0.236502986 -0.21014445 0.655290034 0.195935489
0.286265596 4 0 0.998207054
ULK2 ENSG00000083290.19 0.806820559 2 2 0.602217665 Brain_Cortex
0.66562673 Brain_Anterior_cingulate_cortex_BA24 1.069195208 0.930804792
0.930804792 0.432157797 0.521214054 0.476685926 0.062972283
2 0 0.998207054
H2AFX ENSG00000188486.3 0.806946533 1 1 0.806946533
Brain_Hippocampus 0.806946533 Brain_Hippocampus 1 1 1
-0.244367083 -0.244367083 -0.244367083 NA 1 0 0.998207054
AF127936.3 ENSG00000232884.7 0.807020373 3 3 0.490512927
Brain_Cerebellum 0.652537786 Brain_Cerebellar_Hemisphere 1.771003704
0.233093902 0.233093902 -0.689493239 0.683632447 -0.152033417
0.733528234 3 0 0.998207054
SMCO4 ENSG00000166002.6 0.807097027 2 2 0.633839496
Brain_Nucleus_accumbens_basal_ganglia 0.668003269 Brain_Putamen_basal_ganglia
1.041706212 0.958293788 0.958293788 -0.476329719 -0.428890012

	-0.452609866	0.033544939	2	0	0.998207054		
ECHDC2	ENSG00000121310.16	0.807169173	4	3	0.263940355		
	Brain_Nucleus_accumbens_basal_ganglia	0.998025626			Brain_Caudate_basal_ganglia		
	2.435884832	0.056680039	0.513372024		-0.002474513	1.117126235	
	0.553850072	0.458780771	3	0	0.998207054		
PTTG2	ENSG00000250254.1	0.807229263	2	2	0.514033264		
	Brain_Cerebellar_Hemisphere	0.716041478			Brain_Cerebellum	1.49139817	0.50860183
	0.50860183	0.363754318	0.652570415		0.508162366	0.204223821	2
	0	0.998207054					
SFTA2	ENSG00000196260.4	0.80730014	7	4	0.364211233	Brain_Hypothalamus	
	0.955962656	Brain_Nucleus_accumbens_basal_ganglia	5.308913849				
	0.003149033	0.192876675	-0.907369877		0.055220677	-0.645783807	
	0.348046179	4	0	0.998207054			
CIR1	ENSG00000138433.15	0.807362875	2	2	0.556100816		
	Brain_Spinal_cord_cervical_c-1	0.85268517	Brain_Substantia_nigra				
	1.162935278	0.837064722	0.837064722		-0.185693444	0.58864295	
	0.201474753	0.547538515	2	0	0.998207054		
RP11-728K20.3	ENSG00000273011.1	0.807468959	3	3	0.438233218		
	Brain_Anterior_cingulate_cortex_BA24	0.858087326	Brain_Cerebellar_Hemisphere				
	1.27961151	0.813464191	0.813464191		-0.178809449	0.775180147	
	0.415331564	0.518356773	3	0	0.998207054		
RPL23	ENSG00000125691.12	0.807513244	1	1	0.807513244	Brain_Cortex	
	0.807513244	Brain_Cortex	1	1	1	-0.243635355	-0.243635355
	-0.243635355	NA	1	0	0.998207054		
DNAH6	ENSG00000115423.18	0.807534542	5	5	0.247921123		
	Brain_Spinal_cord_cervical_c-1	0.672049617	Brain_Cerebellum	1.713882618			
	0.455584712	0.455584712	-0.496085119		1.155413531	0.494034138	
	0.629614381	5	0	0.998207054			
RAMP2-AS1	ENSG00000197291.8	0.807614332	1	1	0.807614332		
	Brain_Cerebellar_Hemisphere	0.807614332	Brain_Cerebellar_Hemisphere	1	1		
	1	-0.243504845	-0.243504845	-0.243504845	NA	1	0
	0.998207054						
VARS2	ENSG00000137411.16	0.807644861	13	3	0.248282479		
	Brain_Hypothalamus	0.915242577	Brain_Putamen_basal_ganglia	10.38046974			
	0.017316229	0.456789513	-1.154531142		0.132849303	-0.56237706	
	0.444182675	3	0	0.998207054			
C7orf26	ENSG00000146576.12	0.807730287	1	1	0.807730287		
	Brain_Putamen_basal_ganglia	0.807730287	Brain_Putamen_basal_ganglia	1	1		
	1	-0.243355147	-0.243355147	-0.243355147	NA	1	0
	0.998207054						
RP5-1112D6.7	ENSG00000271789.1	0.807832764	2	2	0.630957017		
	Brain_Nucleus_accumbens_basal_ganglia	0.899825214	Brain_Hypothalamus				
	1.806711573	0.193288427	0.193288427		0.125882148	0.480380275	
	0.303131212	0.250668029	2	0	0.998207054		
TMEM87B	ENSG00000153214.9	0.807865343	1	1	0.807865343		
	Brain_Putamen_basal_ganglia	0.807865343	Brain_Putamen_basal_ganglia	1	1		
	1	0.243180797	0.243180797	0.243180797	NA	1	0
	0.998207054						
SGCE	ENSG00000127990.15	0.80808408	1	1	0.80808408		
	Brain_Anterior_cingulate_cortex_BA24	0.80808408					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.242898433		
	-0.242898433	-0.242898433	NA	1	0	0.998207054	
SLFN13	ENSG00000154760.13	0.808138111	5	5	0.347666907		
	Brain_Anterior_cingulate_cortex_BA24	0.978156078	Brain_Cortex				
	2.651163255	0.25922684	0.25922684	-0.939124343	0.893193624		
	-0.19316031	0.729597708	5	0	0.998207054		
GOLGA8R	ENSG00000186399.10	0.80815787	3	3	0.364032924		
	Brain_Anterior_cingulate_cortex_BA24	0.995997036	Brain_Cerebellar_Hemisphere				
	1.890842835	0.39413277	0.39413277	-0.907707229	-0.005016993		
	-0.333161546	0.499246986	3	0	0.998207054		
GIT2	ENSG00000139436.20	0.808227178	1	1	0.808227178	Brain_Cerebellum	
	0.808227178	Brain_Cerebellum	1	1	1	0.24271372	0.24271372
					0.24271372	0.24271372	

	NA	1	0	0.998207054					
ETV3	ENSG00000117036.11			0.808336602	1	1	0.808336602		
	Brain_Hypothalamus			0.808336602		Brain_Hypothalamus	1	1	1
	0.24257248	0.24257248	0.24257248	NA	1	0	0.998207054		
AP002856.7	ENSG00000237612.1			0.808475681	2	2	0.56713097		
	Brain_Putamen_basal_ganglia			0.996806316		Brain_Caudate_basal_ganglia			
	1.484727235	0.515272765	0.515272765			0.004002701		0.572281959	
	0.28814233	0.401834117		2	0	0.998207054			
CCDC80	ENSG00000091986.15			0.80850467	2	2	0.561591733		
	Brain_Substantia_nigra			0.730629535		Brain_Putamen_basal_ganglia			
	1.083321552	0.916678448	0.916678448			-0.580478869		0.34428823	
	-0.118095319	0.653909086		2	0	0.998207054			
RP11-218F10.3	ENSG00000273449.1			0.808641102	12	2	0.479675994		
	Brain_Cerebellum			0.78923675	Brain_Frontal_Cortex_BA9		10.84349177		
	0.000742966	0.378617503		-0.706823781		0.267301866		-0.490380215	
	0.264032316	2	0	0.998207054					
VWC2	ENSG00000188730.4			0.808710362	1	1	0.808710362		
	Brain_Nucleus_accumbens_basal_ganglia			0.808710362					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		-0.242090084			
	-0.242090084	-0.242090084	NA	1	0	0.998207054			
MINDY4B	ENSG00000214237.10			0.808759145	1	1	0.808759145		
	Brain_Spinal_cord_cervical_c-1			0.808759145		Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.242027125	0.242027125	0.242027125	NA	1	0
	0.998207054								
TLR4	ENSG00000136869.13			0.808895771	2	2	0.576388236		
	Brain_Hippocampus			0.97090374	Brain_Putamen_basal_ganglia		1.561225044		
	0.438774956	0.438774956		-0.558668126		-0.036474841		-0.297571483	
	0.369246413	2	0	0.998207054					
AGTR1	ENSG00000144891.17			0.808905728	2	2	0.571264166		
	Brain_Cerebellar_Hemisphere			0.709936109	Brain_Cerebellum		1.090859988		
	0.909140012	0.909140012		0.371941898		0.566190678		0.469066288	
	0.137354629	2	0	0.998207054					
ATL2	ENSG00000119787.13			0.809040371	4	4	0.341775558		
	Brain_Hypothalamus			0.763321526	Brain_Hippocampus		2.870060656		
	0.140250021	0.140250021		0.301121921		0.950662839		0.588019331	
	0.327423349	4	0	0.998207054					
CHMP4A	ENSG00000254505.9			0.809083671	1	1	0.809083671		
	Brain_Cerebellum			0.809083671	Brain_Cerebellum	1	1	1	0.241608325
	0.241608325	0.241608325	NA	1	0	0.998207054			
TOX2	ENSG00000124191.17			0.809111812	5	5	0.183522627		
	Brain_Cerebellar_Hemisphere			0.945428923	Brain_Caudate_basal_ganglia				
	2.107352026	0.303222029	0.303222029			-1.329986779		0.11333195	
	-0.485917154	0.565659622		5	0	0.998207054			
C11orf63	ENSG00000109944.10			0.809133388	2	2	0.523923509		
	Brain_Cortex			0.86181702	Brain_Hippocampus		1.066480304		0.933519696
	0.933519696	-0.637309124	0.174061639			-0.231623742		0.573725769	
	2	0	0.998207054						
LTB4R	ENSG00000213903.8			0.809202679	7	5	0.242684369		
	Brain_Cerebellar_Hemisphere			0.961117926	Brain_Hypothalamus		3.9027325		
	0.058658331	0.217035305		-1.168303487		0.099353118		-0.47295248	
	0.455940955	5	0	0.998207054					
GKAP1	ENSG00000165113.12			0.809243953	3	3	0.491562475		Brain_Cerebellum
	Brain_Hypothalamus			2.066417209		0.285270255			
	0.285270255	-0.012087537	0.687825819			0.288145741		0.360398288	
	3	0	0.998207054						
LYPD6B	ENSG00000150556.16			0.809358809	1	1	0.809358809		
	Brain_Caudate_basal_ganglia			0.809358809	Brain_Caudate_basal_ganglia	1	1		
	1	-0.241253293	-0.241253293			-0.241253293	NA	1	0
	0.998207054								
RAD9A	ENSG00000172613.7			0.809381656	10	10	0.233696824		
	Brain_Hypothalamus			0.960753866	Brain_Frontal_Cortex_BA9		3.957558964		
	0.134496955	0.134496955		-1.190889864		0.639988914		-0.10983313	

	0.569184455	10	0	0.998207054					
ZSWIM6	ENSG00000130449.5			0.809445132	1	1	0.809445132		
	Brain_Cortex	0.809445132		Brain_Cortex	1	1	1	-0.241141909	
	-0.241141909	-0.241141909	NA	1	0	0.998207054			
PWP1	ENSG00000136045.11			0.809489107	1	1	0.809489107		
	Brain_Cerebellar_Hemisphere	0.809489107		Brain_Cerebellar_Hemisphere	1	1			
	1	0.241085169	0.241085169	0.241085169	NA	1	0		
	0.998207054								
AC004947.2	ENSG00000233760.1			0.809528471	10	9	0.221280006		
	Brain_Anterior_cingulate_cortex_BA24	0.86274367		Brain_Cerebellum	3	3	3.998141918		
	0.082915416	0.206832114	-0.874830244	1.22313157	0.137315218				
	0.626422231	9	0	0.998207054					
DDX52	ENSG00000278053.4			0.809537092	2	2	0.517645857		
	Brain_Caudate_basal_ganglia	0.78360156		Brain_Cerebellar_Hemisphere	1	1	1.332227745		
	0.667772255	0.667772255	-0.646978502	-0.27462864	-0.460803571				
	0.263291112	2	0	0.998207054					
FAM57A	ENSG00000167695.14			0.809557415	12	10	0.172060721		
	Brain_Caudate_basal_ganglia	0.969624205		Brain_Frontal_Cortex_BA9					
	6.198843188	0.024021804	0.208451439	-1.36561218	0.689240998				
	-0.185581533	0.681875175	10	0	0.998207054				
AIFM2	ENSG00000042286.14			0.809610955	9	9	0.193406565		
	Brain_Cerebellar_Hemisphere	0.779249148		Brain_Anterior_cingulate_cortex_BA24					
	2.580498835	0.335307029	0.335307029	-1.30056742	0.794087662				
	-0.252895846	0.646525075	9	0	0.998207054				
MKL1	ENSG00000196588.14			0.809635479	2	2	0.614286162		
	Brain_Putamen_basal_ganglia	0.684298322		Brain_Cerebellar_Hemisphere					
	1.007348567	0.992651433	0.992651433	0.406604731	0.50396473				
	0.45528473	0.068843915	2	0	0.998207054				
TTC36	ENSG00000172425.10			0.809643617	1	1	0.809643617		
	Brain_Cerebellar_Hemisphere	0.809643617		Brain_Cerebellar_Hemisphere	1	1			
	1	-0.240885815	-0.240885815	-0.240885815	NA	1	0		
	0.998207054								
CCL14	ENSG00000276409.4			0.80969049	1	1	0.80969049	Brain_Cerebellum	0.80969049
	Brain_Cerebellum	1	1	-0.240825339	-0.240825339	-0.240825339			
	NA	1	0	0.998207054					
NDUFA8	ENSG00000119421.6			0.809836563	1	1	0.809836563		
	Brain_Nucleus_accumbens_basal_ganglia	0.809836563							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.240636881				
	0.240636881	0.240636881	NA	1	0	0.998207054			
LINC02110	ENSG00000251518.1			0.809964255	4	4	0.456756661		
	Brain_Cerebellar_Hemisphere	0.708580368		Brain_Cerebellum	1	1	1.432637289		
	0.610965715	0.610965715	-0.744198061	0.479302875	-0.124131176				
	0.639824826	4	0	0.998207054					
DUSP10	ENSG00000143507.17			0.810062001	1	1	0.810062001		
	Brain_Caudate_basal_ganglia	0.810062001		Brain_Caudate_basal_ganglia	1	1			
	1	0.240346046	0.240346046	0.240346046	NA	1	0		
	0.998207054								
RP5-1057J7.7	ENSG00000271420.1			0.81009959	1	1	0.81009959	Brain_Cortex	
	0.81009959	Brain_Cortex	1	1	1	0.240297556	0.240297556		
	0.240297556	NA	1	0	0.998207054				
CRELD1	ENSG00000163703.17			0.810225864	4	4	0.364338432		
	Brain_Hippocampus	0.800916388		Brain_Putamen_basal_ganglia	1	1	1.113881473		
	0.858837007	0.858837007	-0.66942396	0.907129288	0.099911212				
	0.699082207	4	0	0.998207054					
DENND4B	ENSG00000198837.9			0.810237417	5	3	0.561243289		
	Brain_Cerebellum	0.923885497		Brain_Nucleus_accumbens_basal_ganglia					
	4.434680791	0.008531604	0.173874578	-0.431272275	0.580995793				
	0.093788908	0.455358609	3	0	0.998207054				
GNB1	ENSG00000078369.17			0.810253078	2	2	0.634675495		
	Brain_Nucleus_accumbens_basal_ganglia	0.676768529		Brain_Putamen_basal_ganglia					
	1.050905539	0.949094461	0.949094461	-0.475156408	-0.416876793				
	-0.4460166	0.041209911	2	0	0.998207054				

IVD	ENSG00000128928.8	0.81043809	10	7	0.094998352				
	Brain_Putamen_basal_ganglia	0.573160545			Brain_Cortex	5.844036313			
	0.010724683	0.24428405	0.563402927		1.669600899	1.031576205			
	0.314128984	7	0	0.998207054					
NAA35	ENSG00000135040.15	0.810443571	1	1	0.810443571				
	Brain_Cerebellar_Hemisphere	0.810443571			Brain_Cerebellar_Hemisphere	1	1		
	1	-0.239853834	-0.239853834	-0.239853834	NA	1	0		
	0.998207054								
CD38	ENSG00000004468.12	0.81057006	7	6	0.527703787	Brain_Cortex			
	0.819345361	Brain_Caudate_basal_ganglia	4.202483031		0.034409022				
	0.144122064	-0.631515088	0.526796247		0.007395378	0.498757845			
	6	0	0.998207054						
KLC2	ENSG00000174996.11	0.810670473	1	1	0.810670473				
	Brain_Substantia_nigra	0.810670473			Brain_Substantia_nigra	1	1		
	1	-0.239561166	-0.239561166	-0.239561166	NA	1	0		
	0.998207054								
COG5	ENSG00000164597.13	0.810778803	4	4	0.297743606	Brain_Cerebellum			
	0.917026993	Brain_Cortex	2.088165007		0.246752872	0.246752872			
	-1.041284332	0.36208203	-0.256071719		0.583659207	4	0		
	0.998207054								
SULT1C4	ENSG00000198075.9	0.810861776	8	6	0.240617795				
	Brain_Cerebellum	0.984348755			Brain_Nucleus_accumbens_basal_ganglia				
	4.895046863	0.064694811	0.217667009		-0.53999211	1.173444015			
	0.252183709	0.489477856	6	0	0.998207054				
RP3-465N24.6	ENSG00000272432.1	0.810874983	1	1	0.810874983				
	Brain_Spinal_cord_cervical_c-1	0.810874983			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.239297398	0.239297398	0.239297398	NA	1	0
	0.998207054								
RP11-262H14.4	ENSG00000170161.6	0.81100736	2	1	0.795963456				
	Brain_Putamen_basal_ganglia	0.826143201			Brain_Cortex	1.999765758			
	0.000234242	1.999765758	-0.258574635		-0.219650702	-0.239112669			
	0.027523377	1	0	0.998207054					
PLCE1	ENSG00000138193.15	0.811017534	4	4	0.283311896				
	Brain_Cerebellar_Hemisphere	0.739564409			Brain_Cortex	1.611939187			
	0.407473416	0.407473416	-1.072909115		-0.332430238	-0.586504869			
	0.331208238	4	0	0.998207054					
TOLLIP	ENSG00000078902.15	0.811027559	1	1	0.811027559				
	Brain_Putamen_basal_ganglia	0.811027559			Brain_Putamen_basal_ganglia	1	1		
	1	-0.239100623	-0.239100623	-0.239100623	NA	1	0		
	0.998207054								
DCTN5	ENSG00000166847.9	0.811055434	1	1	0.811055434				
	Brain_Putamen_basal_ganglia	0.811055434			Brain_Putamen_basal_ganglia	1	1		
	1	0.239064674	0.239064674	0.239064674	NA	1	0		
	0.998207054								
ZNF98	ENSG00000197360.9	0.811411113	8	7	0.231007188				
	Brain_Hippocampus	0.976874522			Brain_Putamen_basal_ganglia	3.958819535			
	0.097942547	0.140738419	-1.197768412		0.385920969	-0.292289563			
	0.507503524	7	0	0.998207054					
C6orf106	ENSG00000196821.9	0.81146202	10	5	0.174730436				
	Brain_Hypothalamus	0.831607202			Brain_Cerebellar_Hemisphere	6.861965749			
	0.013157471	0.326673656	-1.357159815		0.212640728	-0.800376683			
	0.473455415	5	0	0.998207054					
C1orf50	ENSG00000164008.14	0.811572721	13	2	0.494735429				
	Brain_Anterior_cingulate_cortex_BA24	0.886529652			Brain_Substantia_nigra				
	11.81740046	0.00040787	0.494774074		-0.682796521	-0.142696789			
	-0.401555174	0.159321027	2	0	0.998207054				
RP11-557N21.1	ENSG00000283031.1	0.811598552	2	2	0.525025585				
	Brain_Cerebellum	0.610068431			Brain_Cerebellar_Hemisphere	1.886782945			
	0.113217055	0.113217055	0.509975778		0.635617768	0.572796773			
	0.088842304	2	0	0.998207054					
SRP14	ENSG00000140319.10	0.811634742	5	3	0.365182455				
	Brain_Frontal_Cortex_BA9	0.857677468			Brain_Anterior_cingulate_cortex_BA24				

	3.631740722	0.016455259	0.291796507	-0.470324652	0.905534192		
	0.132932849	0.529578947	3	0	0.998207054		
PATJ	ENSG00000132849.19	0.811638656	2	2	0.597396733	Brain_Cerebellum	
	0.972191195	Brain_Cerebellar_Hemisphere	1.531002734	0.468997266			
	0.468997266	-0.528147833	0.034860227	-0.246643803	0.398106817		
	2	0	0.998207054				
RP11-439C15.4	ENSG00000253764.1	0.811781255	9	8	0.148622843		
	Brain_Cerebellar_Hemisphere	0.797533735	Brain_Frontal_Cortex_BA9				
	3.118904999	-0.064974389	0.17981413	-0.49610883	1.444412974		
	0.431393084	0.636803026	8	0	0.998207054		
XPO4	ENSG00000132953.16	0.811996239	11	9	0.095540898		
	Brain_Hypothalamus	0.890907054	Brain_Frontal_Cortex_BA9	4.608015788			
	0.103725745	0.224186426	-0.383505322	1.666866779	0.585838028		
	0.585431658	9	0	0.998207054			
CBX4	ENSG00000141582.14	0.812002118	1	1	0.812002118		
	Brain_Cerebellar_Hemisphere	0.812002118	Brain_Cerebellar_Hemisphere	1	1		
	1	0.237843964	0.237843964	0.237843964	NA	1	0
	0.998207054						
C1QL3	ENSG00000165985.9	0.812007138	1	1	0.812007138		
	Brain_Caudate_basal_ganglia	0.812007138	Brain_Caudate_basal_ganglia	1	1		
	1	-0.237837492	-0.237837492	-0.237837492	NA	1	0
	0.998207054						
TMEM55A	ENSG00000155099.7	0.812077011	1	1	0.812077011		
	Brain_Cerebellar_Hemisphere	0.812077011	Brain_Cerebellar_Hemisphere	1	1		
	1	0.237747408	0.237747408	0.237747408	NA	1	0
	0.998207054						
LINC01378	ENSG00000236922.9	0.812077318	4	3	0.491250848		
	Brain_Nucleus_accumbens_basal_ganglia	0.993018414	Brain_Cortex				
	3.426632614	0.07215089	0.163998611	-0.180569983	0.688320702		
	0.244930719	0.407266195	3	0	0.998207054		
SPIDR	ENSG00000164808.16	0.812149929	2	2	0.537667907		
	Brain_Frontal_Cortex_BA9	0.970552159	Brain_Anterior_cingulate_cortex_BA24				
	1.240031133	0.759968867	0.759968867	-0.616343391	0.036915779		
	-0.289713806	0.461923989	2	0	0.998207054		
CHPT1	ENSG00000111666.10	0.812162164	13	2	0.219355794		
	Brain_Nucleus_accumbens_basal_ganglia	0.994294716					
	Brain_Spinal_cord_cervical_c-1	10.70061648	0.002406999	1.118757016			
	-1.228242912	0.692290342	-0.350062214	0.525005236	2	0	
	0.998207054						
DHRS7B	ENSG00000109016.17	0.812202647	2	2	0.597486352		
	Brain_Cortex	0.746132772	Brain_Nucleus_accumbens_basal_ganglia				
	1.085803506	0.914196494	0.914196494	-0.528018707	0.32374279		
	-0.102137959	0.602286331	2	0	0.998207054		
WIPF3	ENSG00000122574.10	0.81220537	5	5	0.213227984	Brain_Cortex	
	0.877364517	Brain_Spinal_cord_cervical_c-1	2.219797007	0.329417299			
	0.329417299	0.154311009	1.244738241	0.561861915	0.405568639		
	5	0	0.998207054				
HSPB1	ENSG00000106211.8	0.812257549	1	1	0.812257549		
	Brain_Anterior_cingulate_cortex_BA24	0.812257549					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.237514657		
	-0.237514657	-0.237514657	NA	1	0	0.998207054	
ESPNL	ENSG00000144488.14	0.812268603	11	8	0.310331073		
	Brain_Cerebellar_Hemisphere	0.952696491	Brain_Frontal_Cortex_BA9				
	5.769203808	0.05916681	0.208568027	-1.014527586	0.416009265		
	-0.195680699	0.487908784	8	0	0.998207054		
KHDC1L	ENSG00000256980.4	0.812403456	13	10	0.080445613		
	Brain_Frontal_Cortex_BA9	0.960030496	Brain_Putamen_basal_ganglia				
	6.270205824	0.092834173	0.353868407	-0.560271492	1.748106356		
	0.382235312	0.562094721	10	0	0.998207054		
ZNF705E	ENSG00000214534.5	0.812424091	1	1	0.812424091		
	Brain_Substantia_nigra	0.812424091	Brain_Substantia_nigra	1	1		
	1	0.237299962	0.237299962	0.237299962	NA	1	0

0.998207054

LINC00707 ENSG00000238266.1 0.812487342 5 5 0.331802668
Brain_Nucleus_accumbens_basal_ganglia 0.958173167 Brain_Hypothalamus
1.760387287 0.602518221 0.602518221 -0.199358925 0.970489276
0.458454966 0.541338729 5 0 0.998207054

COL23A1 ENSG0000050767.15 0.812534124 2 1 0.797229968
Brain_Cerebellar_Hemisphere 0.82833756 Brain_Cerebellum 1.995378229
0.004621771 1.995378229 0.216834198 0.256933684 0.236883941
0.028354618 1 0 0.998207054

FUT10 ENSG00000172728.15 0.81255426 7 4 0.288562883
Brain_Spinal_cord_cervical_c-1 0.833422914
Brain_Nucleus_accumbens_basal_ganglia 5.476962307 0.006299109
0.328220702 -1.061279535 -0.21031361 -0.635787345 0.333934443
4 0 0.998207054

RAET1E ENSG00000164520.11 0.812559216 1 1 0.812559216
Brain_Hippocampus 0.812559216 Brain_Hippocampus 1 1 1
-0.237125776 -0.237125776 -0.237125776 NA 1 0 0.998207054

AC004448.5 ENSG00000235979.8 0.812592757 7 4 0.546024582
Brain_Nucleus_accumbens_basal_ganglia 0.833775601 Brain_Caudate_basal_ganglia
3.428530733 0.023085612 0.339909437 -0.584622487 0.60372787
0.296525152 0.411471815 4 0 0.998207054

MCRIP2 ENSG00000172366.19 0.81260789 2 2 0.519450718
Brain_Putamen_basal_ganglia 0.96575663 Brain_Spinal_cord_cervical_c-1
1.058240091 0.941759909 0.941759909 -0.64419234 0.042930883
-0.300630728 0.48586949 2 0 0.998207054

SLC22A31 ENSG00000259803.6 0.812654941 6 5 0.54334157
Brain_Caudate_basal_ganglia 0.956639153 Brain_Nucleus_accumbens_basal_ganglia
3.508423984 0.033437642 0.159347117 -0.607767676 0.241228853
-0.106179234 0.285203386 5 0 0.998207054

C3orf20 ENSG00000131379.9 0.812775537 8 8 0.157882278
Brain_Nucleus_accumbens_basal_ganglia 0.681162227 Brain_Hypothalamus
3.206410033 0.192830776 0.192830776 -1.412229903 0.55860491
-0.425205524 0.693793847 8 0 0.998207054

ERICH6B ENSG00000165837.11 0.812839033 1 1 0.812839033
Brain_Cerebellum 0.812839033 Brain_Cerebellum 1 1 1 0.236765094
0.236765094 0.236765094 NA 1 0 0.998207054

LINC01036 ENSG00000236030.1 0.812878451 2 2 0.56182739 Brain_Cerebellum
0.625139531 Brain_Cerebellar_Hemisphere 1.401946679 0.598053321
0.598053321 -0.580129354 -0.488579356 -0.534354355 0.064735624
2 0 0.998207054

LINC00694 ENSG00000225873.3 0.812981272 1 1 0.812981272
Brain_Cortex 0.812981272 Brain_Cortex 1 1 1 -0.23658176
-0.23658176 -0.23658176 NA 1 0 0.998207054

ARNTL2 ENSG00000029153.14 0.813052463 2 2 0.55474593
Brain_Cerebellar_Hemisphere 0.627720523 Brain_Cerebellum 1.431517636
0.568482364 0.568482364 0.484937722 0.590663468 0.537800595
0.074759391 2 0 0.998207054

RP11-326C3.12 ENSG00000255328.1 0.813118647 11 11 0.118226918
Brain_Hippocampus 0.939218924 Brain_Anterior_cingulate_cortex_BA24
2.517879836 0.158496873 0.158496873 -0.967553672 1.562259292
0.282618771 0.865822472 11 0 0.998207054

LY6G6C ENSG00000204421.2 0.813177048 3 3 0.362238177
Brain_Nucleus_accumbens_basal_ganglia 0.907795977 Brain_Cortex
1.578211322 0.650809703 0.650809703 0.115819019 0.91110856
0.413571933 0.43365483 3 0 0.998207054

SND1-IT1 ENSG00000279078.1 0.813183859 1 1 0.813183859
Brain_Cortex 0.813183859 Brain_Cortex 1 1 1 0.236320657
0.236320657 0.236320657 NA 1 0 0.998207054

ADAMTS14 ENSG00000138316.10 0.813274981 9 9 0.07383565
Brain_Putamen_basal_ganglia 0.911503193 Brain_Amygdala 3.270942339
0.169265631 0.169265631 -1.787630449 0.668332817 -0.297187481
0.781050711 9 0 0.998207054

LINC01310	ENSG00000205632.3	0.813351017	3	3	0.703769279				
	Brain_Cerebellum	0.895553991		Brain_Cortex	2.260656469	0.226288618			
		0.226288618	-0.237499235	0.380237293	0.003819428	0.330285407			
		3	0	0.998207054					
CDH20	ENSG00000101542.9	0.813453206	6	6	0.294379717				
	Brain_Putamen_basal_ganglia	0.737299701		Brain_Substantia_nigra					
		1.200576742	0.79682782	0.79682782	-1.048562078	0.710062511			
		-0.301776542	0.702206108	6	0	0.998207054			
LINC00315	ENSG00000184274.3	0.813468604	2	2	0.53843242				
	Brain_Frontal_Cortex_BA9	0.868559867		Brain_Nucleus_accumbens_basal_ganglia					
		1.032514211	0.967485789	0.967485789	-0.165488035	0.6151852			
		0.390336618	0.317983915	2	0	0.998207054			
SV2C	ENSG00000122012.13	0.81359984	2	2	0.790079549				
	Brain_Frontal_Cortex_BA9	0.795194279		Brain_Nucleus_accumbens_basal_ganglia					
		1.664965826	0.335034174	0.335034174	-0.259571557	0.266207315			
		0.003317879	0.371781806	2	0	0.998207054			
LRRCC1	ENSG00000133739.15	0.813649882	12	7	0.487453734				
	Brain_Hippocampus	0.98774213		Brain_Cerebellar_Hemisphere	8.519404807				
		0.025606789	0.328408497	-0.694364368	0.537653477	-0.147871674			
		0.401357916	7	0	0.998207054				
TRPS1	ENSG00000104447.12	0.81367163	2	2	0.521937744				
	Brain_Frontal_Cortex_BA9	0.97465539		Brain_Nucleus_accumbens_basal_ganglia					
		1.124473606	0.875526394	0.875526394	-0.640361288	-0.031770101			
		-0.336065695	0.430338955	2	0	0.998207054			
TRIM7	ENSG00000146054.17	0.813716146	3	2	0.420772775		Brain_Cerebellum		
		0.737089259		Brain_Cerebellar_Hemisphere	2.76980813	0.044973226			
		0.185218643	0.335710405	0.805081285	0.57474465	0.234806286		2	
		0	0.998207054						
CCDC85C	ENSG00000205476.8	0.813720274	1	1	0.813720274				
	Brain_Spinal_cord_cervical_c-1	0.813720274		Brain_Spinal_cord_cervical_c-1					
		1	1	1	-0.23562938	-0.23562938	NA	1	0
		0.998207054							
VRK3	ENSG00000105053.10	0.813761264	2	2	0.538555326				
	Brain_Hypothalamus	0.741857217		Brain_Hippocampus	1.245129345				
		0.754870655	0.754870655	-0.614999082	0.329394906	-0.142802088			
		0.667787394	2	0	0.998207054				
KRT39	ENSG00000196859.7	0.813807814	2	1	0.737673278		Brain_Cerebellum		
		0.892917741		Brain_Cerebellar_Hemisphere	1.987418737	0.012581263			
		1.987418737	0.134613154	0.334936116	0.234774635	0.141649724			
		1	0	0.998207054					
AP000253.1	ENSG00000234509.1	0.813863054	1	1	0.813863054				
	Brain_Cortex	0.813863054		Brain_Cortex	1	1	1	0.235445398	
		0.235445398	0.235445398	NA	1	0	0.998207054		
ZFAND3	ENSG00000156639.11	0.813923858	1	1	0.813923858				
	Brain_Spinal_cord_cervical_c-1	0.813923858		Brain_Spinal_cord_cervical_c-1					
		1	1	1	-0.235367049	-0.235367049	NA	1	0
		0.998207054							
RP11-342C24.8	ENSG00000264404.2	0.813949786	1	1	0.813949786				
	Brain_Cerebellar_Hemisphere	0.813949786		Brain_Cerebellar_Hemisphere	1	1			
		1	-0.235333641	-0.235333641	-0.235333641	NA	1	0	
		0.998207054							
AVPI1	ENSG00000119986.6	0.814011176	3	3	0.391389873		Brain_Cortex		
		0.708339814		Brain_Anterior_cingulate_cortex_BA24	2.103937352				
		0.242304349	0.242304349	0.374086699	0.857099545	0.692434521			
		0.275751979	3	0	0.998207054				
KIAA2026	ENSG00000183354.11	0.814014501	1	1	0.814014501				
	Brain_Caudate_basal_ganglia	0.814014501		Brain_Caudate_basal_ganglia	1	1			
		1	-0.235250257	-0.235250257	-0.235250257	NA	1	0	
		0.998207054							
FPR2	ENSG00000171049.8	0.81407727	1	1	0.81407727				
	Brain_Anterior_cingulate_cortex_BA24	0.81407727							
		Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.235169381			

	0.235169381	0.235169381	NA	1	0	0.998207054	
ITPK1	ENSG00000100605.16	0.814085377		1	1	0.814085377	
	Brain_Cerebellar_Hemisphere	0.814085377				Brain_Cerebellar_Hemisphere	1
	1	0.235158935	0.235158935	0.235158935	NA	1	0
	0.998207054						
UBQLNL	ENSG00000175518.6	0.814107996		2	2	0.5732682	
	Brain_Hippocampus	0.902481906				Brain_Substantia_nigra	1.301660898
	0.698339102	0.698339102	-0.122526695			0.563244801	0.220359053
	0.484913674	2	0	0.998207054			
SH3RF3-AS1	ENSG00000259863.1	0.814232486		3	3	0.426756093	
	Brain_Putamen_basal_ganglia	0.915956649				Brain_Hypothalamus	1.073444564
	0.882837775	0.882837775	-0.60330715			0.794754895	0.028639829
	0.708622027	3	0	0.998207054			
MARCO	ENSG00000019169.10	0.814243196		2	2	0.52674745	
	Brain_Substantia_nigra	0.932740241				Brain_Frontal_Cortex_BA9	
	1.027176429	0.972823571	0.972823571			-0.084397694	0.632978857
	0.274290582	0.507261824	2	0	0.998207054		
GFOD1	ENSG00000145990.10	0.814247145		4	2	0.502114784	
	Brain_Nucleus_accumbens_basal_ganglia	0.942237749				Brain_Cerebellar_Hemisphere	
	2.067801276	0.010607314	1.854760745			0.072457598	0.671166003
	0.416171609	0.259563416	2	0	0.998207054		
SLC35E4	ENSG00000100036.12	0.814325149		2	2	0.696874262	
	Brain_Caudate_basal_ganglia	0.741607298				Brain_Putamen_basal_ganglia	
	1.368292331	0.631707669	0.631707669			-0.389543333	0.329725614
	-0.02990886	0.50859995	2	0	0.998207054		
TRIM69	ENSG00000185880.12	0.814347406		11	3	0.311026818	
	Brain_Nucleus_accumbens_basal_ganglia	0.661354086				Brain_Hippocampus	
	9.133838642	0.005551643	0.380430177			-1.013069809	-0.438044417
	-0.662993144	0.185490012	3	0	0.998207054		
DNAJA4	ENSG00000140403.12	0.814396366		3	3	0.510980237	
	Brain_Cortex	0.910122371				Brain_Cerebellum	1.474653668
	0.736423511	-0.540664845	0.657312132			0.001254366	0.736423511
	3	0	0.998207054				0.607089711
CD68	ENSG00000129226.13	0.814464695		1	1	0.814464695	Brain_Cerebellum
	0.814464695	Brain_Cerebellum	1	1	1	0.23467023	0.23467023
	NA	1	0	0.998207054			0.23467023
FOXO1	ENSG00000150907.7	0.814502259		2	2	0.556676163	
	Brain_Cerebellar_Hemisphere	0.811538178				Brain_Frontal_Cortex_BA9	
	1.027469488	0.972530512	0.972530512			0.238442151	0.587785672
	0.413113911	0.247023172	2	0	0.998207054		
HIBCH	ENSG00000198130.15	0.814609363		13	3	0.419654433	
	Brain_Cerebellar_Hemisphere	0.961378905				Brain_Hippocampus	11.42673274
	2.98E-05	0.424643598	-0.807020915			0.048423282	-0.329455429
	0.187769689	3	0	0.998207054			
OR52I1	ENSG00000232268.5	0.814624177		1	1	0.814624177	
	Brain_Cerebellum	0.814624177				Brain_Cerebellum	1
	0.234464774	0.234464774	NA	1	0	0.998207054	0.234464774
MBOAT7	ENSG00000125505.16	0.814717934		3	3	0.404486721	
	Brain_Cerebellum	0.459522242				Brain_Nucleus_accumbens_basal_ganglia	
	2.009566796	0.295898619	0.295898619			-0.833634956	-0.739633775
	-0.788984303	0.0471765	3	0	0.998207054		
RP11-379F4.6	ENSG00000272440.1	0.814783524		2	2	0.605075164	
	Brain_Putamen_basal_ganglia	0.894586448				Brain_Hypothalamus	1.40925713
	0.59074287	0.59074287	0.132503003			0.517116031	0.324809517
	2	0	0.998207054				0.27196248
LINC01793	ENSG00000222030.1	0.815040226		1	1	0.815040226	
	Brain_Cortex	0.815040226				Brain_Cortex	1
	-0.233928836	-0.233928836	NA	1	0	0.998207054	-0.233928836
RP11-106M7.1	ENSG00000228484.1	0.815128921		2	2	0.565093203	
	Brain_Cerebellum	0.74059867				Brain_Cerebellar_Hemisphere	1.092528027
	0.907471973	0.907471973	-0.575292929			-0.331060655	-0.453176792
	0.172698297	2	0	0.998207054			

SSPO	ENSG00000197558.11	0.815159561	11	1	0.550713697	
	Brain_Nucleus_accumbens_basal_ganglia	0.905448861			Brain_Hypothalamus	
	10.76659139	0.00129778	10.76659139		-0.596691008	0.418744269
	-0.229078183	0.260000503	1	0	0.998207054	
RP5-1063M23.2	ENSG00000236908.2	0.81517399	3	3	0.429169223	
	Brain_Putamen_basal_ganglia	0.612826188			Brain_Cerebellar_Hemisphere	
	1.763508649	0.241676651	0.241676651		-0.790614088	-0.506043392
	-0.631195504	0.145347045	3	0	0.998207054	
IQSEC1	ENSG00000144711.13	0.815289588	3	3	0.498604399	
	Brain_Cerebellum	0.745685807			Brain_Hippocampus	1.934422409
	0.066915352	0.066915352			-0.676687265	-0.324333173
	0.183834001	3	0	0.998207054		-0.470197468
LMF2	ENSG00000100258.17	0.815336145	5	4	0.364280028	
	Brain_Putamen_basal_ganglia	0.731722654			Brain_Cerebellum	3.620069395
	0.046847524	0.16768494	-0.600862297		0.907239749	0.36171182
	0.590098663	4	0	0.998207054		
ZNF556	ENSG00000172000.7	0.815400721	3	3	0.45068337	
	Brain_Spinal_cord_cervical_c-1	0.786689445			Brain_Putamen_basal_ganglia	
	1.188212187	0.823855608	0.823855608		-0.618925388	0.754276233
	-0.04508706	0.713839482	3	0	0.998207054	
JAG1	ENSG00000101384.11	0.815426156	1	1	0.815426156	
	Brain_Anterior_cingulate_cortex_BA24	0.815426156				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.233431757	
	-0.233431757	-0.233431757	NA	1	0	0.998207054
CD6	ENSG00000013725.14	0.815522688	8	1	0.566737124	
	Brain_Hypothalamus	0.997478618			Brain_Hippocampus	7.705765464
	0.000358466	7.705765464	-0.572863494		0.258348289	-0.227013108
	0.262085318	1	0	0.998207054		
SLC25A24	ENSG00000085491.15	0.815529598	12	4	0.155811923	
	Brain_Anterior_cingulate_cortex_BA24	0.533998795			Brain_Hypothalamus	
	9.992766175	0.000835821	0.359287993		-1.419298797	-0.621913428
	-1.020774617	0.245989119	4	0	0.998207054	
ATG16L1	ENSG00000085978.21	0.815606699	3	3	0.339057337	
	Brain_Putamen_basal_ganglia	0.854788612			Brain_Spinal_cord_cervical_c-1	
	1.346280285	0.684096802	0.684096802		0.183011989	0.956029487
	0.5015129	0.404059663	3	0	0.998207054	
CTC1	ENSG00000178971.13	0.815622976	3	3	0.431346738	
	Brain_Cerebellar_Hemisphere	0.671368166			Brain_Caudate_basal_ganglia	
	2.652101709	0.114533254	0.114533254		0.424271027	0.786889187
	0.646480266	0.194657267	3	0	0.998207054	
RDH5	ENSG00000135437.9	0.815658782	9	2	0.460975362	
	Brain_Putamen_basal_ganglia	0.9365725			Brain_Frontal_Cortex_BA9	8.203009726
	0.000295113	0.64533731	-0.737241728		0.079578494	-0.412931815
	0.234216455	2	0	0.998207054		
NEK5	ENSG00000197168.11	0.815659807	6	4	0.298136901	
	Brain_Hypothalamus	0.949485449			Brain_Nucleus_accumbens_basal_ganglia	
	5.142011805	0.023596317	0.196723682		0.063352954	1.04043704
	0.484794595	0.402009268	4	0	0.998207054	
BEST3	ENSG00000127325.18	0.815720079	6	5	0.346004326	Brain_Cortex
	0.877896405	Brain_Caudate_basal_ganglia	3.036851451		0.099065395	
	0.351606322	-0.725982387	0.942367881		0.245035566	0.600010448
	5	0	0.998207054			
PRND	ENSG00000171864.4	0.815757957	2	2	0.611568149	
	Brain_Cerebellar_Hemisphere	0.699095322			Brain_Cerebellum	1.000094837
	0.999905163	0.999905163	0.386541975		0.507836301	0.447189138
	0.08576804	2	0	0.998207054		
NAPRT	ENSG00000147813.15	0.81580125	13	1	0.671692904	
	Brain_Caudate_basal_ganglia	0.977467884			Brain_Cerebellar_Hemisphere	12.5667397
	0.000386799	12.5667397	-0.028243574		0.423825742	0.228179471
	0.139012026	1	0	0.998207054		
NOMO3	ENSG00000103226.17	0.816059074	13	6	0.099032811	
	Brain_Nucleus_accumbens_basal_ganglia	0.716056122			Brain_Cerebellar_Hemisphere	

	8.600668939	0.001469514	0.360602064	0.36373471	1.649560739		
	0.764023391	0.405155228	6	0	0.998207054		
LINC00488	ENSG00000214381.4	0.816067551	3	3	0.459096276		
	Brain_Cortex	0.782408162	Brain_Frontal_Cortex_BA9		1.608112689		
	0.39339157	0.39339157	-0.395502277	0.740335779	0.207005219		
	0.571070143	3	0	0.998207054			
CEP44	ENSG00000164118.12	0.816181004	5	4	0.561143506		
	Brain_Hippocampus	0.944405265	Brain_Caudate_basal_ganglia		3.565833503		
	0.088173132	0.145521311	-0.581143852	0.069734144	-0.285979965		
	0.2565285	4	0	0.998207054			
RP11-532F6.3	ENSG00000272463.1	0.816249316	9	9	0.15621595		
	Brain_Caudate_basal_ganglia	0.95903305	Brain_Putamen_basal_ganglia		1.927752469		
	0.518052394	0.518052394	-1.108898176	1.417913742	0.012315063		
	0.825918758	9	0	0.998207054			
LINC00562	ENSG00000260388.2	0.816262516	5	3	0.25851967	Brain_Cerebellum	
	0.618279292	Brain_Cortex	3.918542464	0.058649238	0.337101013		
	-1.129896901	-0.498290515	-0.742181235	0.251767203	3	0	
	0.998207054						
HCG22	ENSG00000228789.6	0.816388806	13	4	0.232061075		
	Brain_Nucleus_accumbens_basal_ganglia	0.971832429	Brain_Cerebellum				
	9.966357948	0.003679699	0.421411991	-0.266419813	1.195066435		
	0.681748099	0.502278481	4	0	0.998207054		
RP11-1C8.6	ENSG00000266289.1	0.816465537	3	2	0.555252071		
	Brain_Nucleus_accumbens_basal_ganglia	0.953535502	Brain_Cerebellum				
	2.380930149	0.058280501	0.56078935	-0.589908388	0.058267567		
	-0.288224425	0.326402875	2	0	0.998207054		
CMTM7	ENSG00000153551.13	0.816600359	2	1	0.810357066	Brain_Cerebellum	
	0.827629172	Brain_Cerebellar_Hemisphere	1.947479343	0.052520657			
	1.947479343	0.217743239	0.239965418	0.228854329	0.015713453		
	1	0	0.998207054				
CRTAM	ENSG00000109943.8	0.816634632	1	1	0.816634632	Brain_Amygdala	
	0.816634632	Brain_Amygdala	1	1	1	-0.231875606	-0.231875606
	-0.231875606	NA	1	0	0.998207054		
WASL	ENSG00000106299.7	0.816688911	1	1	0.816688911		
	Brain_Cerebellar_Hemisphere	0.816688911	Brain_Cerebellar_Hemisphere		1	1	
	1	-0.231805724	-0.231805724	-0.231805724	NA	1	0
	0.998207054						
GPR6	ENSG00000146360.8	0.816704093	1	1	0.816704093		
	Brain_Nucleus_accumbens_basal_ganglia	0.816704093					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.231786178		
	-0.231786178	-0.231786178	NA	1	0	0.998207054	
AC079922.3	ENSG00000237753.1	0.816758686	13	1	0.645161921		
	Brain_Cerebellum	0.957279646	Brain_Spinal_cord_cervical_c-1		12.6897723		
	0.000809454	12.6897723	-0.46049366	0.386440698	-0.228237272		
	0.234917174	1	0	0.998207054			
NLRP2	ENSG00000022556.15	0.816776472	13	7	0.514410061		
	Brain_Substantia_nigra	0.981986743	Brain_Putamen_basal_ganglia				
	8.162978613	0.000381875	0.339515623	-0.651986221	0.649927183		
	0.130839899	0.398501989	7	0	0.998207054		
RRNAD1	ENSG00000143303.11	0.816935438	1	1	0.816935438		
	Brain_Frontal_Cortex_BA9	0.816935438	Brain_Frontal_Cortex_BA9		1	1	
	1	-0.231488347	-0.231488347	-0.231488347	NA	1	0
	0.998207054						
TTC33	ENSG00000113638.13	0.817002852	2	2	0.573587472	Brain_Cerebellum	
	0.582044618	Brain_Frontal_Cortex_BA9	1.533383809	0.466616191			
	0.466616191	0.550400629	0.562775931	0.55658828	0.00875066	2	0
	0.998207054						
BCR	ENSG00000186716.20	0.817065552	11	11	0.118988044	Brain_Cortex	
	0.855711152	Brain_Cerebellum	3.537919798	0.195681393	0.195681393		
	-0.966643488	1.55903522	0.282919196	0.898683919	11	0	
	0.998207054						
CYP4A22-AS1	ENSG00000225506.2	0.817184808	6	6	0.149042859		

	Brain_Hippocampus	0.935083694		Brain_Hypothalamus	1.936322607			
	0.479458398	0.479458398	0.081450495	1.44292053	0.555700093			
	0.504389759	6	0	0.998207054				
KIF1A	ENSG00000130294.15	0.817238731	2	2	0.78968571			
	Brain_Cerebellar_Hemisphere	0.863405575		Brain_Cerebellum	1.760023569			
	0.239976431	0.239976431	-0.266718759	0.172040645	-0.047339057			
	0.31024975	2	0	0.998207054				
TMEM184A	ENSG00000164855.15	0.817253853	1	1	0.817253853			
	Brain_Frontal_Cortex_BA9	0.817253853		Brain_Frontal_Cortex_BA9	1	1		
	1	-0.231078455	-0.231078455	-0.231078455	NA	1	0	
	0.998207054							
ZNF665	ENSG00000197497.10	0.817328914	2	2	0.584949392			
	Brain_Hippocampus	0.692083512		Brain_Nucleus_accumbens_basal_ganglia				
	1.137058723	0.862941277	0.862941277	-0.546169555	0.396029166			
	-0.075070194	0.666235105	2	0	0.998207054			
RP11-94H18.1	ENSG00000248964.6	0.8173379	1	1	0.8173379			
	Brain_Hippocampus	0.8173379		Brain_Hippocampus	1	1	1	
	-0.230970268	-0.230970268	-0.230970268	NA	1	0	0.998207054	
MPZ	ENSG00000158887.15	0.81753989	2	2	0.620729235		Brain_Hippocampus	
	0.699518581	Brain_Caudate_basal_ganglia	1.023238658	0.976761342				
	0.976761342	0.385970414	0.494817097	0.440393755	0.076966228			
	2	0	0.998207054					
CPE	ENSG00000109472.13	0.817630064	2	2	0.592974999			
	Brain_Putamen_basal_ganglia	0.891729137		Brain_Hippocampus	1.707086191			
	0.292913809	0.292913809	-0.534529857	-0.136116559	-0.335323208			
	0.281720744	2	0	0.998207054				
ZNF445	ENSG00000185219.16	0.81771398	2	2	0.532118553			
	Brain_Nucleus_accumbens_basal_ganglia	0.946065641		Brain_Cortex	1.27770186			
	0.72229814	0.72229814	0.067648256	0.624775286	0.346211771			
	0.393948301	2	0	0.998207054				
CCNA1	ENSG00000133101.9	0.817715903	1	1	0.817715903			
	Brain_Anterior_cingulate_cortex_BA24	0.817715903						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.230483732			
	0.230483732	0.230483732	NA	1	0	0.998207054		
ZP2	ENSG00000103310.10	0.817933638	2	2	0.621106086		Brain_Cerebellum	
	0.693764822	Brain_Cerebellar_Hemisphere	1.006614319	0.993385681				
	0.993385681	-0.494283344	0.393751085	-0.05026613	0.627935167			
	2	0	0.998207054					
LINC01270	ENSG00000203999.8	0.818006283	3	3	0.336690244			
	Brain_Hippocampus	0.923936706		Brain_Anterior_cingulate_cortex_BA24				
	1.343901066	0.679817643	0.679817643	-0.960725426	-0.095476058			
	-0.429522343	0.46509915	3	0	0.998207054			
SLC17A9	ENSG00000101194.17	0.818017629	2	2	0.626051977			
	Brain_Substantia_nigra	0.640987764		Brain_Spinal_cord_cervical_c-1				
	1.132497146	0.867502854	0.867502854	-0.487291208	-0.466318185			
	-0.476804697	0.014830167	2	0	0.998207054			
RP11-495K9.6	ENSG00000249926.2	0.818060819	12	6	0.337177924			
	Brain_Putamen_basal_ganglia	0.993487456		Brain_Frontal_Cortex_BA9				
	7.198845015	0.025649778	0.32381775	-0.959756214	0.804068039			
	-0.115236307	0.529324563	6	0	0.998207054			
MTMR9	ENSG00000104643.9	0.818169602	1	1	0.818169602			
	Brain_Frontal_Cortex_BA9	0.818169602		Brain_Frontal_Cortex_BA9	1	1		
	1	0.229899839	0.229899839	0.229899839	NA	1	0	
	0.998207054							
PRR22	ENSG00000212123.3	0.81817964	4	4	0.344547791			
	Brain_Nucleus_accumbens_basal_ganglia	0.800761688		Brain_Frontal_Cortex_BA9				
	2.120299151	0.183203262	0.183203262	-0.94521761	0.252361458			
	-0.474060315	0.525732641	4	0	0.998207054			
RP4-655C5.9	ENSG00000280850.1	0.818185946	1	1	0.818185946			
	Brain_Substantia_nigra	0.818185946		Brain_Substantia_nigra	1	1		
	1	0.229878806	0.229878806	0.229878806	NA	1	0	
	0.998207054							

EML3	ENSG00000149499.11	0.818186852	5	2	0.42236523		
	Brain_Spinal_cord_cervical_c-1	0.977400074					
	Brain_Nucleus_accumbens_basal_ganglia	4.22431366	0.026198401		0.543873805		
	-0.802324576	0.028328595	-0.398449053	0.325851755	2	0	
	0.998207054						
CPEB4	ENSG00000113742.12	0.818194975	1	1	0.818194975		
	Brain_Caudate_basal_ganglia	0.818194975			Brain_Caudate_basal_ganglia	1	1
	1	-0.229867187	-0.229867187	-0.229867187	NA	1	0
	0.998207054						
KYAT1	ENSG00000171097.13	0.818349237	4	4	0.414239494		
	Brain_Hypothalamus	0.861918704			Brain_Spinal_cord_cervical_c-1		
	2.233764651	0.185948947	0.185948947	-0.816455799	0.674824603		
	-0.174759411	0.626399711	4	0	0.998207054		
ROR2	ENSG00000169071.14	0.818429021	2	2	0.529129942	Brain_Cortex	
	0.970411866	Brain_Nucleus_accumbens_basal_ganglia	1.166074254				
	0.833925746	0.833925746	0.037091729	0.629334726	0.333213228		
	0.418779039	2	0	0.998207054			
PLOD1	ENSG00000083444.16	0.818521788	9	3	0.326925695		
	Brain_Spinal_cord_cervical_c-1	0.569753275			Brain_Cerebellar_Hemisphere		
	7.434094125	1.19E-07	0.357535423	0.568414901	0.980325047		
	0.783186084	0.148229417	3	0	0.998207054		
GATC	ENSG00000257218.5	0.818531003	13	2	0.523344599		
	Brain_Spinal_cord_cervical_c-1	0.900687741			Brain_Cortex	11.81082373	
	0.000580829	0.625064729	0.124792606	0.638198308	0.418361681		
	0.177646633	2	0	0.998207054			
RP3-416J7.4	ENSG00000263667.1	0.818540342	10	8	0.247668037		
	Brain_Nucleus_accumbens_basal_ganglia	0.998709494			Brain_Caudate_basal_ganglia		
	4.600249318	0.07169139	0.217714589	-1.156032077	0.939928052		
	-0.352656556	0.56738654	8	0	0.998207054		
CBY1	ENSG00000100211.10	0.81867519	2	2	0.52928787	Brain_Cortex	
	0.648536247	Brain_Hippocampus	1.789126222	0.210873778			
	0.210873778	-0.629093463	-0.455796603	-0.542445033	0.122539385		
	2	0	0.998207054				
ARL16	ENSG00000214087.8	0.818764325	13	2	0.409439426		
	Brain_Spinal_cord_cervical_c-1	0.750722614			Brain_Frontal_Cortex_BA9		
	11.0986824	0.006977923	0.652434891	-0.824880521	0.317686682		
	-0.528361557	0.292592996	2	0	0.998207054		
GALNT18	ENSG00000110328.5	0.818865673	1	1	0.818865673		
	Brain_Cerebellar_Hemisphere	0.818865673			Brain_Cerebellar_Hemisphere	1	1
	1	0.229004173	0.229004173	0.229004173	NA	1	0
	0.998207054						
P2RX6	ENSG00000099957.16	0.818924597	4	3	0.36023097		
	Brain_Frontal_Cortex_BA9	0.889226027			Brain_Spinal_cord_cervical_c-1		
	2.608554495	0.011504839	0.380668152	0.139283628	0.914925066		
	0.491734664	0.321373641	3	0	0.998207054		
GREM2	ENSG00000180875.4	0.818990466	4	4	0.371060841		
	Brain_Cerebellar_Hemisphere	0.921112476			Brain_Caudate_basal_ganglia		
	1.171709834	0.819438544	0.819438544	0.099032487	0.894488011		
	0.494287577	0.389035236	4	0	0.998207054		
DDX39A	ENSG00000123136.14	0.819030613	1	1	0.819030613		
	Brain_Nucleus_accumbens_basal_ganglia	0.819030613					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.228791963		
	-0.228791963	-0.228791963	NA	1	0	0.998207054	
PDGFB	ENSG00000100311.16	0.819152782	1	1	0.819152782		
	Brain_Cerebellar_Hemisphere	0.819152782			Brain_Cerebellar_Hemisphere	1	1
	1	0.22863479	0.22863479	0.22863479	NA	1	0
	0.998207054						
RP11-168K9.2	ENSG00000255087.2	0.819207323	1	1	0.819207323		
	Brain_Cortex	0.819207323			Brain_Cortex	1	1
	-0.228564624	-0.228564624	NA	1	0	0.998207054	
RDH16	ENSG00000139547.7	0.819368295	2	2	0.535032517	Brain_Cerebellum	
	0.637775401	Brain_Cerebellar_Hemisphere	1.856158936	0.143841064			
	0.143841064	-0.620342201	-0.470811431	-0.545576816	0.105734222		

2	0	0.998207054						
ST8SIA3	ENSG00000177511.5	0.819544051	1	1	0.819544051			
	Brain_Frontal_Cortex_BA9	0.819544051			Brain_Frontal_Cortex_BA9	1	1	
	1	-0.22813145	-0.22813145	-0.22813145	NA	1	0	
	0.998207054							
LGALS16	ENSG00000249861.3	0.819620526	1	1	0.819620526			
	Brain_Cerebellum	0.819620526	1	1	Brain_Cerebellum	1	1	0.228033078
	0.228033078	0.228033078	NA	1	0	0.998207054		
RPP38	ENSG00000152464.14	0.819637467	1	1	0.819637467			Brain_Cerebellum
	0.819637467	Brain_Cerebellum	1	1	0.228011285	0.228011285		
	0.228011285	NA	1	0	0.998207054			
ZNF184	ENSG00000096654.15	0.819643937	5	5	0.56824773			
	Brain_Frontal_Cortex_BA9	0.960455056			Brain_Cerebellar_Hemisphere			
	3.060319609	0.140874755	0.140874755	-0.508938183	0.570634054			
	0.009532826	0.423026224	5	0	0.998207054			
ZNF793	ENSG00000188227.12	0.819742	3	3	0.535231373			
	Brain_Cerebellar_Hemisphere	0.861717195			Brain_Cerebellum	1.874745379		
	0.428301363	0.428301363	-0.189473329	0.620040122	0.085459377			
	0.463023579	3	0	0.998207054				
ZNF483	ENSG00000173258.12	0.820013053	3	3	0.456304432			
	Brain_Cerebellum	0.755755498			Brain_Caudate_basal_ganglia	1.189636919		
	0.856646615	0.856646615	-0.311059357	0.74494589	0.333386501			
	0.565211333	3	0	0.998207054				
SNX24	ENSG00000064652.10	0.820187174	8	4	0.227202088			Brain_Cerebellum
	0.54509897	Brain_Frontal_Cortex_BA9	6.182897755	0.011371852				
	0.286301485	-1.207597587	-0.605120446	-0.915469644	0.2154165	4		
	0	0.998207054						
BCAP29	ENSG00000075790.10	0.820273166	7	6	0.354389351			
	Brain_Substantia_nigra	0.900768529			Brain_Hypothalamus	4.000617397		
	0.001577621	0.196192883	-0.438943552	0.926108973	-0.037471509			
	0.496635396	6	0	0.998207054				
COX17	ENSG00000138495.6	0.820465929	3	3	0.390443187			
	Brain_Nucleus_accumbens_basal_ganglia	0.615140455			Brain_Cerebellum			
	1.578875198	0.561510836	0.561510836	0.502749426	0.858813919			
	0.666937485	0.179639821	3	0	0.998207054			
GSG1L	ENSG00000169181.12	0.820643705	2	2	0.650686021			
	Brain_Putamen_basal_ganglia	0.666530616			Brain_Cerebellum	1.011672394		
	0.988327606	0.988327606	-0.452809364	0.430914396	-0.010947484			
	0.624887063	2	0	0.998207054				
MED29	ENSG00000063322.13	0.82074822	3	2	0.677452803			Brain_Cerebellum
	0.863944251	Brain_Spinal_cord_cervical_c-1	2.819081758	0.057593298				
	0.123324944	-0.41594151	-0.17135549	-0.327485152	0.135610978			
	2	0	0.998207054					
DHX16	ENSG00000204560.9	0.820931799	2	2	0.546208529			
	Brain_Caudate_basal_ganglia	0.942114526			Brain_Cerebellum	1.16500329	0.83499671	
	0.83499671	-0.072612442	0.603451263	0.26541941	0.47804923	2	0	
	0.998207054							
KANK2	ENSG00000197256.10	0.821025701	7	5	0.240497746			
	Brain_Substantia_nigra	0.948579869			Brain_Cerebellum	4.740012097		
	0.00309204	0.179695468	-1.173743587	0.670233896	-0.179108731			
	0.564311084	5	0	0.998207054				
NOP16	ENSG00000048162.20	0.821055826	2	2	0.618584664			
	Brain_Hypothalamus	0.701639509			Brain_Anterior_cingulate_cortex_BA24			
	1.000801293	0.999198707	0.999198707	-0.497857246	-0.383108242			
	-0.440482744	0.081139799	2	0	0.998207054			
DARS2	ENSG00000117593.9	0.82115385	9	4	0.431651244			
	Brain_Spinal_cord_cervical_c-1	0.918818679			Brain_Putamen_basal_ganglia			
	7.550254512	0.009290011	0.255852914	-0.12322458	0.786369162			
	0.270614979	0.28369068	4	0	0.998207054			
CCDC15	ENSG00000149548.14	0.821213008	3	3	0.482167197			
	Brain_Cerebellar_Hemisphere	0.614760136			Brain_Frontal_Cortex_BA9			
	1.286212689	0.715819768	0.715819768	-0.58603558	0.702821179			

	0.20669199	0.693733296	3	0	0.998207054				
CREB3L4	ENSG00000143578.15		0.821421049	3	3	0.511982032			
	Brain_Frontal_Cortex_BA9		0.791328907			Brain_Caudate_basal_ganglia			
	1.933921992	0.333210522	0.333210522			-0.475458755	0.655754599		
	0.148293731	0.574503019	3	0	0.998207054				
GRK6	ENSG00000198055.10		0.821434039	1	1	0.821434039			
	Brain_Frontal_Cortex_BA9		0.821434039			Brain_Frontal_Cortex_BA9	1	1	
	1	0.225700925	0.225700925	0.225700925	NA	1	0		
	0.998207054								
IFI30	ENSG00000216490.3		0.821507471	3	3	0.376234023			
	Brain_Anterior_cingulate_cortex_BA24		0.898737362			Brain_Caudate_basal_ganglia			
	1.110201575	0.898850727	0.898850727			-0.884856516	0.372138197		
	-0.213324951	0.632901854	3	0	0.998207054				
LYRM2	ENSG00000083099.10		0.821585299	12	2	0.435823855			
	Brain_Nucleus_accumbens_basal_ganglia		0.942035148						
	Brain_Anterior_cingulate_cortex_BA24		10.65274691			0.001238242			
	0.609369893	0.07271219	0.779264613			0.585866521	0.191657399	2	
	0	0.998207054							
RP5-884C9.2	ENSG00000224592.5		0.82163532	2	2	0.581997085			
	Brain_Putamen_basal_ganglia		0.74014773			Brain_Substantia_nigra	1.058753838		
	0.941246162	0.941246162	0.33165772	0.550469946		0.441063833			
	0.154723609	2	0	0.998207054					
TMEM45B	ENSG00000151715.7		0.82171789	3	3	0.396426165			
	Brain_Spinal_cord_cervical_c-1		0.675568636			Brain_Substantia_nigra			
	1.182771166	0.704476981	0.704476981			-0.848021198	-0.418517716		
	-0.56610181	0.244239204	3	0	0.998207054				
MAST2	ENSG00000086015.20		0.821736126	3	2	0.579444015	Brain_Cortex		
	0.756997238	Brain_Cerebellum	1.982852888			0.022292937	0.994854175		
	0.309426337	0.554197024	0.431640382			0.122385703	2	0	
	0.998207054								
AC008746.12	ENSG00000267838.2		0.821751856	11	8	0.329931822			
	Brain_Anterior_cingulate_cortex_BA24		0.943266569			Brain_Caudate_basal_ganglia			
	6.76967224	0.042899796	0.246258269			-0.974251212	0.687370137		
	-0.006200902	0.485137481	8	0	0.998207054				
RINL	ENSG00000187994.13		0.821893726	6	6	0.265352057			
	Brain_Nucleus_accumbens_basal_ganglia		0.86891453			Brain_Cerebellar_Hemisphere			
	2.711288147	0.157607126	0.157607126			-1.113830156	0.658906069		
	0.148288379	0.691900245	6	0	0.998207054				
KCNIP1	ENSG00000182132.13		0.821918193	1	1	0.821918193			
	Brain_Cerebellar_Hemisphere		0.821918193			Brain_Cerebellar_Hemisphere	1	1	
	1	0.225078517	0.225078517	0.225078517	NA	1	0		
	0.998207054								
RP11-350N15.5	ENSG00000272092.1		0.821994529	1	1	0.821994529			
	Brain_Anterior_cingulate_cortex_BA24		0.821994529						
	Brain_Anterior_cingulate_cortex_BA24		1	1	1	-0.224980391			
	-0.224980391	-0.224980391	NA	1	0	0.998207054			
NUPR2	ENSG00000185290.3		0.822053231	13	2	0.43741606			
	Brain_Putamen_basal_ganglia		0.947084754			Brain_Frontal_Cortex_BA9			
	11.51980294	0.009827438	0.525638851			-0.77656398	0.163793885		
	-0.287302635	0.297403603	2	0	0.998207054				
ERV3-1	ENSG00000213462.4		0.82208124	13	1	0.526630505	Brain_Amygdala		
	0.897838482	Brain_Cerebellar_Hemisphere	12.24709924			0.001192414			
	12.24709924	-0.633157947	0.586135988			-0.211269031	0.304602444		
	1	0	0.998207054						
RP11-351D16.3	ENSG00000273008.1		0.822194126	1	1	0.822194126			
	Brain_Frontal_Cortex_BA9		0.822194126			Brain_Frontal_Cortex_BA9	1	1	
	1	0.224723829	0.224723829	0.224723829	NA	1	0		
	0.998207054								
GXYLT1	ENSG00000151233.10		0.822540876	4	4	0.577028021			
	Brain_Nucleus_accumbens_basal_ganglia		0.881055745			Brain_Cerebellum			
	2.274825359	0.117391259	0.117391259			-0.149631005	0.557731095		
	0.321862658	0.3270009	4	0	0.998207054				

ACTR1A	ENSG00000138107.12	0.822763895	6	4	0.318516566			
	Brain_Substantia_nigra	0.581535803				Brain_Putamen_basal_ganglia		
	4.185140806	0.044825092	0.175031831		-0.99751094		-0.551142777	
	-0.809078482	0.179212141	4	0	0.998207054			
MRPS31	ENSG00000102738.7	0.822949491	2	2	0.577808365			
	Brain_Frontal_Cortex_BA9	0.920639894				Brain_Nucleus_accumbens_basal_ganglia		
	1.304784114	0.695215886	0.695215886		-0.556588862		0.099627709	
	-0.228480576	0.464015188	2	0	0.998207054			
JRK	ENSG00000234616.8	0.822969523	3	3	0.462101147		Brain_Cerebellum	
	0.969658953	Brain_Spinal_cord_cervical_c-1	1.851647001				0.414292334	
	0.414292334	-0.735391418	-0.038036033		-0.326299942		0.364040669	
	3	0	0.998207054					
MZT2B	ENSG00000152082.13	0.822981055	3	3	0.455903263			
	Brain_Hypothalamus	0.585752156	Brain_Cortex	1.928484658				
	0.071799101	0.071799101	0.54500198	0.745609631		0.632102422		
	0.102877818	3	0	0.998207054				
CLCNKA	ENSG00000186510.11	0.823092303	12	2	0.409016692			
	Brain_Substantia_nigra	0.821478847	Brain_Cerebellar_Hemisphere					
	9.086545614	7.32E-05	2.232556395		-0.825625277		0.661596676	
	-0.413809947	0.379587162	2	0	0.998207054			
URGCP	ENSG00000106608.16	0.823118828	2	2	0.554767414			
	Brain_Spinal_cord_cervical_c-1	0.830279361						
	Brain_Nucleus_accumbens_basal_ganglia	1.022412105			0.977587895			
	0.977587895	0.214343291	0.59063141	0.402487351		0.266075881		2
	0	0.998207054						
RAB12	ENSG00000206418.3	0.823202528	1	1	0.823202528			
	Brain_Cerebellar_Hemisphere	0.823202528	Brain_Cerebellar_Hemisphere	1			1	
	1	-0.223427853	-0.223427853	-0.223427853	NA	1	0	
	0.998207054							
ATP6V0A1	ENSG00000033627.16	0.823377252	1	1	0.823377252			
	Brain_Cerebellar_Hemisphere	0.823377252	Brain_Cerebellar_Hemisphere	1			1	
	1	0.223203341	0.223203341	0.223203341	NA	1	0	
	0.998207054							
AC145343.2	ENSG00000265055.1	0.823451763	1	1	0.823451763			
	Brain_Cerebellum	0.823451763	Brain_Cerebellum	1	1	1	0.2231076	
	0.2231076	0.2231076	NA	1	0	0.998207054		
PRSS27	ENSG00000172382.9	0.823607969	2	2	0.537601401			
	Brain_Frontal_Cortex_BA9	0.972764188	Brain_Spinal_cord_cervical_c-1					
	1.090178846	0.909821154	0.909821154		-0.616444182		-0.03414166	
	-0.325292921	0.411750062	2	0	0.998207054			
SIDT2	ENSG00000149577.15	0.823631714	1	1	0.823631714			
	Brain_Frontal_Cortex_BA9	0.823631714	Brain_Frontal_Cortex_BA9	1			1	
	1	-0.222876388	-0.222876388	-0.222876388	NA	1	0	
	0.998207054							
CTC-497E21.3	ENSG00000254670.1	0.823731918	2	2	0.590271532			
	Brain_Spinal_cord_cervical_c-1	0.837866157	Brain_Amygdala	1.190437703				
	0.809562297	0.809562297	-0.538442587		-0.204623675		-0.371533131	
	0.236045616	2	0	0.998207054				
RP1-288L1.5	ENSG00000234891.1	0.823949306	1	1	0.823949306			
	Brain_Anterior_cingulate_cortex_BA24	0.823949306						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		-0.222468354		
	-0.222468354	-0.222468354	NA	1	0	0.998207054		
PEMT	ENSG00000133027.17	0.824097648	1	1	0.824097648			
	Brain_Substantia_nigra	0.824097648	Brain_Substantia_nigra	1			1	
	1	0.222277781	0.222277781	0.222277781	NA	1	0	
	0.998207054							
FANK1	ENSG00000203780.10	0.824166919	6	4	0.286597906			
	Brain_Caudate_basal_ganglia	0.981638976	Brain_Putamen_basal_ganglia	3.56120709				
	0.014692022	0.508055772	0.023014162		1.065614579		0.363465081	
	0.374546686	4	0	0.998207054				
TRAM1	ENSG00000067167.7	0.824309358	2	2	0.575244593			
	Brain_Caudate_basal_ganglia	0.605559736	Brain_Putamen_basal_ganglia					

	1.507867392	0.492132608	0.492132608	-0.560344335	-0.516421953
	-0.538383144	0.031057814	2	0	0.998207054
SPEN	ENSG00000065526.10	0.824315222	1	1	0.824315222
	Brain_Hypothalamus	0.824315222	Brain_Hypothalamus	1	1
	0.221998281	0.221998281	0.221998281	NA	1
THEM6	ENSG00000130193.7	0.824366803	11	1	0.621985007
	Brain_Cerebellar_Hemisphere	0.919376544	Brain_Hippocampus	10.03836135	
	0.004555103	10.03836135	-0.493039033	0.157968198	-0.209107554
	0.209551258	1	0	0.998207054	
CACNA1I	ENSG00000100346.17	0.824381383	2	1	0.803601492
	Brain_Putamen_basal_ganglia	0.850447458	Brain_Caudate_basal_ganglia		
	1.941046382	0.058953618	1.941046382	-0.248688827	-0.188547533
	-0.21861818	0.042526317	1	0	0.998207054
RHBDL3	ENSG00000141314.12	0.82442889	9	5	0.22192078
	Brain_Nucleus_accumbens_basal_ganglia	4.780210745	Brain_Cortex		
	0.916613091	Brain_Nucleus_accumbens_basal_ganglia	4.780210745		
	0.012669183	0.752772931	-0.893261286	1.221436538	0.216888579
	0.597618449	5	0	0.998207054	
BACE1	ENSG00000186318.16	0.824522381	2	2	0.594673835
	Brain_Cerebellar_Hemisphere	1.23298298	0.76701702	0.76701702	
	0.851007323	Brain_Cerebellar_Hemisphere	1.23298298	0.76701702	0.76701702
	-0.532075313	0.18783331	-0.172121001	0.509052269	2
	0.998207054			0	
ROBO1	ENSG00000169855.19	0.824551062	4	4	0.265120226
	Brain_Frontal_Cortex_BA9	2.065631561	0.385089772		
	0.921940978	Brain_Frontal_Cortex_BA9	2.065631561	0.385089772	
	0.385089772	0.097989063	1.114370611	0.497146239	0.443857994
	4	0	0.998207054		
DEAF1	ENSG00000177030.16	0.824556016	3	3	0.363932575
	Brain_Cerebellar_Hemisphere	0.709323023	Brain_Nucleus_accumbens_basal_ganglia		
	1.942449069	0.130722498	0.130722498	0.372765445	0.907897129
	0.722652294	0.303185957	3	0	0.998207054
LINC01168	ENSG00000240707.2	0.824611847	7	6	0.285810836
	Brain_Caudate_basal_ganglia	0.924829378	Brain_Amygdala	3.63692419	0.0369741
	0.146228877	-1.067356606	0.491242574	-0.190557746	0.543020063
	6	0	0.998207054		
RP11-981G7.6	ENSG00000272505.1	0.824627523	11	6	0.128828378
	Brain_Nucleus_accumbens_basal_ganglia	0.954771486	Brain_Hippocampus		
	6.775442732	0.010638923	0.279138931	-1.518738316	0.259013874
	-0.772978898	0.589461002	6	0	0.998207054
ZNF511	ENSG00000198546.14	0.824656156	1	1	0.824656156
	Brain_Frontal_Cortex_BA9	0.824656156	Brain_Frontal_Cortex_BA9	1	1
	1	0.221560344	0.221560344	0.221560344	NA
	0.998207054			1	0
AEBP1	ENSG00000106624.10	0.824663551	9	4	0.194985494
	Brain_Nucleus_accumbens_basal_ganglia	0.552287366	Brain_Cerebellum		
	6.842854825	0.013367599	0.392879949	0.594336058	1.295970948
	0.853621912	0.282882115	4	0	0.998207054
SLC39A6	ENSG00000141424.12	0.824780261	2	2	0.59633399
	Brain_Nucleus_accumbens_basal_ganglia	0.654259379	Brain_Substantia_nigra		
	1.254738907	0.745261093	0.745261093	-0.529679751	-0.447852877
	-0.488766314	0.057860337	2	0	0.998207054
REXO1	ENSG00000079313.13	0.824786604	1	1	0.824786604
	Brain_Cerebellum	1	1	1	-0.221392793
	0.824786604	Brain_Cerebellum	1	1	-0.221392793
	-0.221392793	NA	1	0	0.998207054
TSR1	ENSG00000167721.10	0.824866978	1	1	0.824866978
	Brain_Substantia_nigra	0.824866978	Brain_Substantia_nigra	1	1
	1	0.22128956	0.22128956	0.22128956	NA
	0.998207054			1	0
ZNF564	ENSG00000249709.7	0.824868277	4	3	0.420686277
	Brain_Caudate_basal_ganglia	0.580172057	Brain_Cerebellar_Hemisphere		
	3.263941681	4.93E-19	0.161073902	-0.805231197	-0.553133415
	-0.733282216	0.120393586	3	0	0.998207054
TPRG1L	ENSG00000158109.14	0.825031989	6	6	0.145627657
	Brain_Anterior_cingulate_cortex_BA24	0.932679927	Brain_Amygdala		
	2.559677748	0.188890367	0.188890367	-1.455150298	0.398470921

	-0.681447906	0.7070927	6	0	0.998207054		
NBPF20	ENSG00000162825.16	0.825036639	2	2	0.553973004		
	Brain_Caudate_basal_ganglia	0.791825068		Brain_Cortex	1.135444708		
	0.864555292	0.864555292	0.263941407	0.5918172	0.427879304		
	0.231843197	2	0	0.998207054			
RAB23	ENSG00000112210.11	0.825074245	2	2	0.548802134	Brain_Cerebellum	
	0.848897162	Brain_Hypothalamus	1.053936825	0.946063175			
	0.946063175	0.190525756	0.599556067	0.395040911	0.289228106		
	2	0	0.998207054				
MMD2	ENSG00000136297.14	0.825252205	7	4	0.42003723		
	Brain_Frontal_Cortex_BA9	0.983161571	Brain_Hypothalamus	4.493443866			
	0.008125815	0.374441564	-0.10689321	0.806356658	0.285174191		
	0.373863609	4	0	0.998207054			
EPN3	ENSG00000049283.17	0.825461209	3	3	0.663710238	Brain_Cerebellum	
	0.977916109	Brain_Caudate_basal_ganglia	1.963280022	0.130073265			
	0.130073265	-0.040989917	0.434796373	0.122041623	0.270935284		
	3	0	0.998207054				
ANKRD2	ENSG00000165887.11	0.825503052	3	3	0.401510682		
	Brain_Nucleus_accumbens_basal_ganglia	0.685446465	Brain_Hippocampus				
	1.603212622	0.396477137	0.396477137	-0.838926276	0.405042236		
	-0.326400176	0.650236633	3	0	0.998207054		
FRMD8	ENSG00000126391.13	0.825521004	1	1	0.825521004	Brain_Amygdala	
	0.825521004	Brain_Amygdala	1	1	-0.22044962	-0.22044962	
	-0.22044962	NA	1	0	0.998207054		
LINC00844	ENSG00000237949.1	0.825618129	1	1	0.825618129		
	Brain_Nucleus_accumbens_basal_ganglia	0.825618129					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.2203249	-0.2203249	
	-0.2203249	NA	1	0	0.998207054		
ERRFI1	ENSG00000116285.12	0.825650061	1	1	0.825650061		
	Brain_Cerebellum	0.825650061	Brain_Cerebellum	1	1	1	0.220283896
	0.220283896	0.220283896	NA	1	0	0.998207054	
AC091814.2	ENSG00000225231.1	0.825741646	12	9	0.075863397		
	Brain_Hippocampus	0.932399853	Brain_Nucleus_accumbens_basal_ganglia				
	5.448244879	0.047183672	0.201598245	-1.775208921	1.130012927		
	0.246241262	0.704772694	9	0	0.998207054		
P2RX5	ENSG00000083454.21	0.825749253	2	2	0.543779421		
	Brain_Cerebellar_Hemisphere	0.570920079	Brain_Cerebellum	1.820707776			
	0.179292224	0.179292224	-0.60710773	-0.566696971	-0.586902351		
	0.028574721	2	0	0.998207054			
C7orf49	ENSG00000122783.16	0.825842987	2	2	0.542618207		
	Brain_Cortex	0.982929406	Brain_Nucleus_accumbens_basal_ganglia				
	1.142874479	0.857125521	0.857125521	-0.021396449	0.608858541		
	0.293731046	0.445657578	2	0	0.998207054		
RP11-441015.3	ENSG00000224934.2	0.825849759	1	1	0.825849759		
	Brain_Cerebellum	0.825849759	Brain_Cerebellum	1	1	1	0.220027472
	0.220027472	0.220027472	NA	1	0	0.998207054	
NUSAP1	ENSG00000137804.12	0.825851534	13	2	0.505461197		
	Brain_Putamen_basal_ganglia	0.990059853	Brain_Caudate_basal_ganglia				
	12.24365241	0.001086043	0.577890141	-0.665921626	-0.012458449		
	-0.341484107	0.187659267	2	0	0.998207054		
COL21A1	ENSG00000124749.16	0.825867791	4	3	0.629557278		
	Brain_Amygdala	0.952785592	Brain_Frontal_Cortex_BA9	2.478210785			
	0.015397571	0.506453864	-0.482350079	0.381551952	0.070892605		
	0.394704467	3	0	0.998207054			
RP11-284N8.3	ENSG00000259834.1	0.825942521	3	3	0.402529624		
	Brain_Nucleus_accumbens_basal_ganglia	0.79544833	Brain_Cerebellum	1.069561687			
	0.943247539	0.943247539	-0.259242256	0.837111985	0.315492602		
	0.550103714	3	0	0.998207054			
ZNF708	ENSG00000182141.10	0.82595084	2	2	0.578175424		
	Brain_Cerebellar_Hemisphere	0.869254759	Brain_Cerebellum	1.661176093			
	0.338823907	0.338823907	0.164605173	0.55605183	0.360328501		
	0.276794585	2	0	0.998207054			

KCNH8	ENSG00000183960.8	0.825992291	2	2	0.573566989		
	Brain_Putamen_basal_ganglia	0.779490893				Brain_Frontal_Cortex_BA9	
	1.042846194	0.957153806	0.957153806		0.27998255	0.562806008	
	0.421394279	0.199986385	2	0	0.998207054		
INSL5	ENSG00000172410.4	0.826062893	1	1	0.826062893		
	Brain_Nucleus_accumbens_basal_ganglia	0.826062893					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.219753812		
	-0.219753812	-0.219753812	NA	1	0	0.998207054	
NDUFC1	ENSG00000109390.11	0.826231742	1	1	0.826231742		
	Brain_Cerebellum	0.826231742	Brain_Cerebellum	1	1	1	-0.219537024
	-0.219537024	-0.219537024	NA	1	0	0.998207054	
PLK1	ENSG00000166851.14	0.826252086	2	2	0.57251465		
	Brain_Anterior_cingulate_cortex_BA24	0.816239446				Brain_Cerebellum	
	1.033499703	0.966500297	0.966500297		-0.232384423	0.564351925	
	0.165983751	0.563377675	2	0	0.998207054		
SOD1	ENSG00000142168.14	0.826269058	1	1	0.826269058	Brain_Cerebellum	
	0.826269058	Brain_Cerebellum	1	1	1	-0.219489115	-0.219489115
	-0.219489115	NA	1	0	0.998207054		
RFX6	ENSG00000185002.9	0.826335963	1	1	0.826335963	Brain_Cortex	
	0.826335963	Brain_Cortex	1	1	1	0.219403219	0.219403219
	0.219403219	NA	1	0	0.998207054		
VCAM1	ENSG00000162692.10	0.826408258	4	4	0.4570882		
	Brain_Spinal_cord_cervical_c-1	0.619720362				Brain_Amygdala	1.748648665
	0.283883182	0.283883182	-0.743650076		0.646579136	-0.005085432	
	0.717760118	4	0	0.998207054			
LPCAT2	ENSG00000087253.12	0.826839797	3	3	0.417198323		
	Brain_Frontal_Cortex_BA9	0.840338041				Brain_Nucleus_accumbens_basal_ganglia	
	1.509900617	0.495509219	0.495509219		-0.811291442	-0.201461103	
	-0.595359765	0.341653987	3	0	0.998207054		
HAPLN3	ENSG00000140511.11	0.82685164	6	3	0.404361209	Brain_Cerebellum	
	0.878729432	Brain_Hippocampus	5.27611634		0.02740655	0.208553255	
	-0.833857641	0.152580083	-0.318875283		0.317332571	3	0
	0.998207054						
EMC1	ENSG00000127463.13	0.82700005	13	4	0.351208887	Brain_Amygdala	
	0.983084495	Brain_Cerebellar_Hemisphere	9.359043629		0.001449956		
	0.660895238	-0.932247007	0.647538489		-0.346303779	0.487335028	
	4	0	0.998207054				
TAS2R14	ENSG00000212127.5	0.827015983	11	2	0.467318175		
	Brain_Amygdala	0.924259092	Brain_Cortex	9.715497936	0.003312794		
	0.643597882	-0.72684947	-0.09507017		-0.461555926	0.208622539	
	2	0	0.998207054				
AC091801.1	ENSG00000217455.8	0.827111257	1	1	0.827111257		
	Brain_Cortex	0.827111257	Brain_Cortex	1	1	1	0.218407969
	0.218407969	0.218407969	NA	1	0	0.998207054	
PRAP1	ENSG00000165828.14	0.827134279	2	2	0.576285757		
	Brain_Frontal_Cortex_BA9	0.797233244				Brain_Spinal_cord_cervical_c-1	
	1.004451781	0.995548219	0.995548219		0.256929439	0.558818264	
	0.407873851	0.213467635	2	0	0.998207054		
RIMKLB	ENSG00000166532.15	0.827158033	2	2	0.605537034		
	Brain_Hippocampus	0.628104592	Brain_Hypothalamus	1.322341943			
	0.677658057	0.677658057	0.484396373		0.516454466	0.50042542	
	0.022668494	2	0	0.998207054			
UNC13A	ENSG00000130477.15	0.827182037	1	1	0.827182037		
	Brain_Anterior_cingulate_cortex_BA24	0.827182037					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.218317119		
	0.218317119	0.218317119	NA	1	0	0.998207054	
FASTK	ENSG00000164896.19	0.827189504	5	5	0.181645661		
	Brain_Frontal_Cortex_BA9	0.962162231				Brain_Caudate_basal_ganglia	
	2.134694046	0.30081886	0.30081886	-1.335705163	0.0474404	-0.456024946	
	0.531630318	5	0	0.998207054			
PRCC	ENSG00000143294.14	0.82731592	3	3	0.608112057		
	Brain_Substantia_nigra	0.813152748				Brain_Amygdala	1.655954488

	0.402280439	0.402280439	-0.343195809	0.512770229	-0.022262111
	0.466420557	3	0	0.998207054	
UQCR11	ENSG00000127540.11	0.827362298	2	2	0.543524524
	Brain_Hippocampus	0.94712167	Brain_Anterior_cingulate_cortex_BA24		
	1.055014493	0.944985507	0.944985507	-0.607491889	0.066321747
	-0.270585071	0.476458192	2	0	0.998207054
SP7	ENSG00000170374.5	0.827593629	1	1	0.827593629
	Brain_Cerebellum1	1	1	-0.217788855	Brain_Cerebellum
	-0.217788855	NA	1	0	-0.217788855
	0.998207054				
TRIB3	ENSG00000101255.10	0.827664498	11	11	0.155911558
	Brain_Cerebellum1.844867244			0.331610384	Brain_Cortex
	0.883716396	0.331610384		0.331610384	
	-1.30302992	1.418956982	-0.099386517	0.7443646	11
	0.998207054				0
GPATCH4	ENSG00000160818.16	0.82772004	6	4	0.242502613
	Brain_Hypothalamus	0.62732359	Brain_Nucleus_accumbens_basal_ganglia		
	4.732778646	0.025312737	0.278360548	0.485497353	1.16875436
	0.844281595	0.243598095	4	0	0.998207054
PNMAL2	ENSG00000204851.6	0.827744207	3	3	0.374261117
	Brain_Frontal_Cortex_BA9	0.805584775	Brain_Cerebellum1.70692383		
	0.518367215	0.518367215	-0.246125899	0.888519973	0.352553921
	0.569916728	3	0	0.998207054	
RPL12	ENSG00000197958.12	0.827786007	13	1	0.415805565
	Brain_Substantia_nigra	0.989920668	Brain_Hippocampus	11.91678666	
	0.0010485	11.91678666	-0.169787331	0.813719666	0.216498218
	0.273952589	1	0	0.998207054	
SEMA4G	ENSG00000095539.15	0.827791802	2	2	0.573421604
	Brain_Hypothalamus	0.671626917	Brain_Caudate_basal_ganglia1.340483023		
	0.659516977	0.659516977	0.423916216	0.563019503	0.49346786
	0.098360877	2	0	0.998207054	
C2orf16	ENSG00000221843.4	0.827836992	1	1	0.827836992
	Brain_Putamen_basal_ganglia0.827836992		Brain_Putamen_basal_ganglia1	1	
	1	0.217476535	0.217476535	0.217476535	NA
	0.998207054				1
					0
CDX1	ENSG00000113722.16	0.827919626	2	2	0.657536712
	Brain_Putamen_basal_ganglia0.683381425		Brain_Cortex	1.039324634	
	0.960675366	0.960675366	-0.443316653	0.407853238	-0.017731707
	0.601868002	2	0	0.998207054	
COL25A1	ENSG00000188517.14	0.82794885	1	1	0.82794885
	Brain_Spinal_cord_cervical_c-1	0.82794885	Brain_Spinal_cord_cervical_c-1	1	
	1	1	0.217332989	0.217332989	0.217332989
	0.998207054				NA
					1
					0
LEXM	ENSG00000162398.11	0.82815034	2	2	0.580385737
	Brain_Putamen_basal_ganglia0.898196419		Brain_Caudate_basal_ganglia		
	1.613445732	0.386554268	0.386554268	0.127940046	0.552821365
	0.340380706	0.300436462	2	0	0.998207054
ATP6V1B2	ENSG00000147416.10	0.828406123	1	1	0.828406123
	Brain_Putamen_basal_ganglia0.828406123		Brain_Putamen_basal_ganglia1	1	
	1	-0.216746224	-0.216746224	-0.216746224	NA
	0.998207054				1
					0
GTF2H5	ENSG00000272047.1	0.828518226	9	8	0.101760772
	Brain_Cerebellar_Hemisphere0.632676243		Brain_Cortex	4.892203963	
	0.019746807	0.17519475	0.477963417	1.6363767	0.968102958
	0.372388564	8	0	0.998207054	
TEK	ENSG00000120156.20	0.828659182	2	2	0.566473945
	Brain_Cerebellar_Hemisphere0.672449902		Brain_Cerebellum1.901596593		
	0.098403407	0.098403407	-0.5732522	-0.422788057	-0.498020128
	0.106394216	2	0	0.998207054	
PRR13	ENSG00000205352.10	0.828662066	1	1	0.828662066
	Brain_Spinal_cord_cervical_c-1	0.828662066	Brain_Spinal_cord_cervical_c-1	1	
	1	1	-0.216417834	-0.216417834	-0.216417834
	0.998207054				NA
					1
					0
DNAJC28	ENSG00000177692.11	0.82866726	6	4	0.447030513

	Brain_Anterior_cingulate_cortex_BA24	0.903982974		Brain_Frontal_Cortex_BA9				
	3.909950181	0.032723215	0.267496373	-0.760374916	0.40725018			
	-0.182436705	0.429315948	4	0	0.998207054			
GALNT7	ENSG00000109586.11	0.828866248	5	3	0.226017227			
	Brain_Cerebellum	0.829005021	Brain_Substantia_nigra	2.978746409				
	0.032410558	0.696989362	-1.210682199	1.039565914	-0.043241526			
	0.848325359	3	0	0.998207054				
ADAM32	ENSG00000197140.14	0.828883314	3	3	0.624897247			
	Brain_Cortex	0.996072915	Brain_Cerebellar_Hemisphere	2.138306434				
	0.136417537	0.136417537	-0.004921891	0.488921538	0.166189832			
	0.279663722	3	0	0.998207054				
ZNF550	ENSG00000251369.8	0.828969681	1	1	0.828969681			
	Brain_Cerebellum	0.828969681	Brain_Cerebellum1	1	1	-0.216023177		
	-0.216023177	-0.216023177	NA	1	0	0.998207054		
HECA	ENSG00000112406.4	0.828971064	1	1	0.828971064			
	Brain_Hippocampus	0.828971064	Brain_Hippocampus	1	1	1		
	-0.216021403	-0.216021403	-0.216021403	NA	1	0	0.998207054	
ZNF770	ENSG00000198146.4	0.82902799	1	1	0.82902799			
	Brain_Substantia_nigra	0.82902799	Brain_Substantia_nigra	1	1	1		
	0.215948374	0.215948374	0.215948374	NA	1	0	0.998207054	
TMEM243	ENSG00000135185.11	0.829084138	1	1	0.829084138			
	Brain_Cerebellum	0.829084138	Brain_Cerebellum1	1	1	0.215876342		
	0.215876342	0.215876342	NA	1	0	0.998207054		
GALNTL5	ENSG00000106648.13	0.829188335	4	4	0.418376558			
	Brain_Putamen_basal_ganglia	0.998659997	Brain_Frontal_Cortex_BA9					
	2.069236033	0.366682285	0.366682285	-0.809240961	0.678794017			
	-0.149585787	0.643814028	4	0	0.998207054			
BICD1	ENSG00000151746.13	0.829259299	2	2	0.596461907			
	Brain_Spinal_cord_cervical_c-1	0.779556677	Brain_Caudate_basal_ganglia					
	1.049942391	0.950057609	0.950057609	-0.279896806	0.529495296			
	0.124799245	0.572326644	2	0	0.998207054			
F2RL2	ENSG00000164220.6	0.829281581	3	3	0.615600698			
	Brain_Frontal_Cortex_BA9	0.820980197	Brain_Anterior_cingulate_cortex_BA24					
	2.136714164	0.272199962	0.272199962	-0.421223258	0.502094999			
	0.102385395	0.473964536	3	0	0.998207054			
POLI	ENSG00000101751.10	0.829285842	13	2	0.53209759	Brain_Amygdala		
	0.966072641	Brain_Cortex	11.55635076	0.001412715	0.727805439			
	-0.624807222	-0.042534461	-0.355120727	0.219067868	2	0		
	0.998207054							
NODAL	ENSG00000156574.9	0.829412436	9	6	0.190320577			
	Brain_Cerebellar_Hemisphere	0.794878954	Brain_Caudate_basal_ganglia					
	5.450545834	0.030564412	0.245616451	-1.309631352	-0.259980321			
	-0.678553115	0.378949491	6	0	0.998207054			
CTNNBIP1	ENSG00000178585.14	0.829417101	3	3	0.614400533			
	Brain_Hypothalamus	0.657796718	Brain_Hippocampus	1.292599018				
	0.7295476	0.7295476	0.442957165	0.503801984	0.481650536			
	0.033626618	3	0	0.998207054				
BUB3	ENSG00000154473.17	0.829432842	2	2	0.609922758			
	Brain_Frontal_Cortex_BA9	0.741180392	Brain_Cerebellum1	1.013583696				
	0.986416304	0.986416304	-0.510183717	0.330290604	-0.089946557			
	0.594305092	2	0	0.998207054				
COMMD9	ENSG00000110442.11	0.829436642	1	1	0.829436642			
	Brain_Frontal_Cortex_BA9	0.829436642	Brain_Frontal_Cortex_BA9	1	1			
	1	0.215424152	0.215424152	0.215424152	NA	1	0	
	0.998207054							
LINC01324	ENSG00000241767.2	0.829514991	1	1	0.829514991			
	Brain_Hippocampus	0.829514991	Brain_Hippocampus	1	1	1		
	0.215323651	0.215323651	0.215323651	NA	1	0	0.998207054	
BBC3	ENSG00000105327.17	0.829515446	2	2	0.541751924	Brain_Cortex		
	0.981479616	Brain_Cerebellum1	1.02592765	0.97407235	0.97407235	-0.610165889		
	-0.023213944	-0.316689916	0.4150377	2	0	0.998207054		
PDIA6	ENSG00000143870.12	0.829553541	1	1	0.829553541			

	Brain_Nucleus_accumbens_basal_ganglia	0.829553541					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.215274203		
		-0.215274203	-0.215274203	NA	1	0	0.998207054
GJA9	ENSG00000131233.9	0.829628584	2	2	0.541103547		Brain_Amygdala
	0.910473225	Brain_Anterior_cingulate_cortex_BA24	1.171918111				
	0.828081889	0.828081889	-0.112441659	0.611145066			0.249351703
	0.51165308	2	0	0.998207054			
ALG5	ENSG00000120697.8	0.829657884	1	1	0.829657884		Brain_Cortex
	0.829657884	Brain_Cortex	1	1	1	-0.215140364	-0.215140364
	-0.215140364	NA	1	0	0.998207054		
KNOP1	ENSG00000103550.13	0.829717399	13	1	0.660773014		Brain_Amygdala
	0.984245081	Brain_Anterior_cingulate_cortex_BA24	12.50000833				
	0.000776412	12.50000833	-0.112671314	0.438846156			0.212494265
	0.165716218	1	0	0.998207054			
CYP4X1	ENSG00000186377.7	0.82973281	2	2	0.555432799		
	Brain_Frontal_Cortex_BA9	0.867836327			Brain_Putamen_basal_ganglia		
	1.010728062	0.989271938	0.989271938	-0.16640743			0.589638852
	0.211615711	0.534605453	2	0	0.998207054		
SMYD2	ENSG00000143499.13	0.829767027	4	4	0.271528366		Brain_Cerebellum
	0.835780875	Brain_Frontal_Cortex_BA9	1.440038248	0.515444238			
	0.515444238	-0.411629835	1.099549706	0.206221813			0.675727944
	4	0	0.998207054				
PAN2	ENSG00000135473.14	0.829781065	2	2	0.699677876		
	Brain_Putamen_basal_ganglia	0.805635751			Brain_Cortex	1.455375383	
	0.544624617	0.544624617	-0.246060045	0.385755336			0.069847646
	0.446760941	2	0	0.998207054			
ZNF829	ENSG00000185869.14	0.829792497	2	2	0.591011398		
	Brain_Anterior_cingulate_cortex_BA24	0.667682857			Brain_Hypothalamus		
	1.279964857	0.720035143	0.720035143	0.429330317			0.537370961
	0.483350639	0.076396272	2	0	0.998207054		
COL5A1	ENSG00000130635.15	0.829793232	3	3	0.418097271		
	Brain_Amygdala	0.845401917			Brain_Substantia_nigra	1.489669185	
	0.511417919	0.511417919	0.194988543	0.809726697			0.470217668
	0.312369459	3	0	0.998207054			
RPAP2	ENSG00000122484.8	0.829874978	2	2	0.665857906		
	Brain_Caudate_basal_ganglia	0.667570117			Brain_Hypothalamus	1.005408968	
	0.994591032	0.994591032	0.429485261	0.431839724			0.430662493
	0.001664856	2	0	0.998207054			
CTSB	ENSG00000164733.20	0.829952887	9	8	0.17841502		Brain_Cerebellum
	0.990228353	Brain_Cerebellar_Hemisphere	3.90078765	0.030040251			
	0.201246437	-0.53510216	1.345651235	0.332291719			0.570288902
	8	0	0.998207054				
SKA1	ENSG00000154839.9	0.829955829	1	1	0.829955829		Brain_Cerebellum
	0.829955829	Brain_Cerebellum	1	1	1	-0.214758219	-0.214758219
	-0.214758219	NA	1	0	0.998207054		
ARIH1	ENSG00000166233.14	0.829973647	1	1	0.829973647		Brain_Cerebellum
	0.829973647	Brain_Cerebellum	1	1	1	0.214735366	0.214735366
	0.214735366	NA	1	0	0.998207054		
1-Mar	ENSG00000145416.13	0.829989832	3	2	0.523476936		Brain_Cerebellum
	0.886507331	Brain_Hippocampus	2.123084799	0.015232398			
	0.861682803	-0.637994998	-0.142725051	-0.452571301			0.270062602
	2	0	0.998207054				
SHISA4	ENSG00000198892.6	0.830045981	12	2	0.556372928		
	Brain_Hypothalamus	0.999508692			Brain_Spinal_cord_cervical_c-1		
	10.26754193	0.006007387	0.565065683	-0.588237443			0.570344089
	-0.128657934	0.331049614	2	0	0.998207054		
ZNF169	ENSG00000175787.16	0.830219091	4	4	0.308907444		
	Brain_Cerebellum	0.697849245			Brain_Frontal_Cortex_BA9	2.492403135	
	0.128304779	0.128304779	-0.582735626	1.017517221			0.401315751
	0.705537197	4	0	0.998207054			
PARD6B	ENSG00000124171.8	0.830244653	2	2	0.650451691		
	Brain_Amygdala	0.697250921			Brain_Nucleus_accumbens_basal_ganglia		

	1.041809243	0.958190757	0.958190757	-0.453134781	0.3890341				
	-0.032050341	0.595503327	2	0	0.998207054				
LRP2BP	ENSG00000109771.15	0.830267111	9	5	0.326514066				
	Brain_Nucleus_accumbens_basal_ganglia	0.949825367			Brain_Putamen_basal_ganglia				
	5.865037046	0.01181094	0.267952279	-0.981159555	0.270735861				
	-0.523100682	0.461590887	5	0	0.998207054				
NVL	ENSG00000143748.17	0.830383573	2	2	0.543909561				
	Brain_Hypothalamus	0.941127112			Brain_Hippocampus	1.025736762			
	0.974263238	0.974263238	-0.073853304	0.606911629	0.266529162				
	0.4813735	2	0	0.998207054					
SH3TC2	ENSG00000169247.11	0.830444223	1	1	0.830444223				
	Brain_Cortex	0.830444223			Brain_Cortex	1	1	1	0.21413187
	0.21413187	0.21413187	NA	1	0	0.998207054			
SLC2A4	ENSG00000181856.14	0.830500308	4	3	0.609217324				
	Brain_Cerebellar_Hemisphere	0.927426759			Brain_Hippocampus	2.814422535			
	0.05027585	0.137521561	0.091082851	0.511190994	0.350085089				
	0.196500382	3	0	0.998207054					
GJB2	ENSG00000165474.5	0.830521174	6	6	0.195367624				
	Brain_Hippocampus	0.891439217			Brain_Caudate_basal_ganglia	1.575404566			
	0.552366267	0.552366267	-1.294862623	0.467034689	-0.277997428				
	0.685990488	6	0	0.998207054					
SP140L	ENSG00000185404.16	0.830603008	2	2	0.550725393				
	Brain_Caudate_basal_ganglia	0.573830809			Brain_Amygdala	1.826243399			
	0.173756601	0.173756601	0.562418658	0.596673493	0.579546076				
	0.024221826	2	0	0.998207054					
FAM107B	ENSG00000065809.13	0.830660524	5	1	0.643732973				
	Brain_Caudate_basal_ganglia	0.952329596			Brain_Hippocampus	4.771877121			
	0.026612112	4.771877121	0.059781581	0.462485815	0.208765245				
	0.163693005	1	0	0.998207054					
PRR5L	ENSG00000135362.13	0.830668599	1	1	0.830668599				
	Brain_Hippocampus	0.830668599			Brain_Hippocampus	1	1	1	
	0.213844144	0.213844144	0.213844144	NA	1	0	0.998207054		
MYL7	ENSG00000106631.8	0.830705423	5	3	0.362618906				
	Brain_Frontal_Cortex_BA9	3.492516872			Brain_Cerebellum				
	0.821743458	0.050389712							
	0.471020636	0.225303138	0.910386137	0.667976877	0.268860094				
	3	0	0.998207054						
TBC1D26	ENSG00000214946.14	0.830740828	10	7	0.157253249				
	Brain_Cerebellum	0.770852309			Brain_Anterior_cingulate_cortex_BA24	6.16349565			
	0.05597984	0.242615953	-1.414370153	0.291260219	-0.633760442				
	0.423281493	7	0	0.998207054					
KC6	ENSG00000267313.7	0.830741848	1	1	0.830741848				
	Brain_Spinal_cord_cervical_c-1	0.830741848			Brain_Spinal_cord_cervical_c-1				
	1	1	1	-0.213750217	-0.213750217	-0.213750217	NA	1	0
	0.998207054								
GABRD	ENSG00000187730.8	0.830742303	1	1	0.830742303				
	Brain_Cerebellar_Hemisphere	0.830742303			Brain_Cerebellar_Hemisphere	1	1		
	1	0.213749635	0.213749635	0.213749635	NA	1	0		
	0.998207054								
TRPM2	ENSG00000142185.16	0.830809955	8	1	0.241076785				
	Brain_Nucleus_accumbens_basal_ganglia	7.484059			Brain_Cortex				
	0.98260056	0.002618773							
	7.484059	-1.172299618	0.21751157	-0.210774241	0.438888119	1	0		
	0.998207054								
RPS27L	ENSG00000185088.13	0.830966431	10	2	0.350602217				
	Brain_Hippocampus	0.812292109			Brain_Caudate_basal_ganglia	8.470422726			
	0.008012705	0.734192638	-0.933421823	0.368343947	-0.301404867				
	0.384491426	2	0	0.998207054					
C22orf31	ENSG00000100249.4	0.831027933	5	5	0.188968162				
	Brain_Nucleus_accumbens_basal_ganglia	0.988920978			Brain_Cortex				
	2.280993657	0.196712832	0.196712832	-0.013885941	1.313637679				
	0.602370295	0.557479896	5	0	0.998207054				
KXD1	ENSG00000105700.10	0.831167378	3	3	0.408596331				
	Brain_Anterior_cingulate_cortex_BA24	0.863903786			Brain_Cortex				

	1.473009844	0.490959104	0.490959104	-0.353067738	0.826366306				
	0.100630538	0.635035013	0	0.998207054					
RP11-666A20.4	ENSG00000248787.1	0.831251094	1	1	0.831251094				
	Brain_Nucleus_accumbens_basal_ganglia	0.831251094							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.213097271				
	-0.213097271	-0.213097271	NA	1	0	0.998207054			
VWA8	ENSG00000102763.17	0.831317311	8	5	0.147831667				
	Brain_Hippocampus	0.778016007	Brain_Substantia_nigra	5.743495338					
	1.14E-16	0.254550083	-1.447233036	-0.281905455	-0.79516908				
	0.346523262	5	0	0.998207054					
SLC39A1	ENSG00000143570.17	0.831485997	1	1	0.831485997				
	Brain_Substantia_nigra	0.831485997	Brain_Substantia_nigra	1	1				
	1	0.212796111	0.212796111	0.212796111	NA	1	0		
	0.998207054								
EMILIN2	ENSG00000132205.10	0.831508138	4	3	0.347389125				
	Brain_Cortex	0.904301597	Brain_Caudate_basal_ganglia	2.800211375					
	0.043594678	0.18966272	0.120229188	0.939665582	0.663241328				
	0.377256397	3	0	0.998207054					
HTR6	ENSG00000158748.3	0.831517731	2	2	0.566914516				
	Brain_Nucleus_accumbens_basal_ganglia	0.611105575	Brain_Frontal_Cortex_BA9						
	1.606405465	0.393594535	0.393594535	-0.572601541	-0.508495956				
	-0.540548748	0.045329494	2	0	0.998207054				
RFTN1	ENSG00000131378.13	0.831527866	2	1	0.651894838				
	Brain_Cerebellar_Hemisphere	0.974384697	Brain_Cerebellum	1.939702576					
	0.060297424	1.939702576	-0.451131414	0.032109538	-0.209510938				
	0.341702954	1	0	0.998207054					
RPL18	ENSG00000063177.12	0.831530295	1	1	0.831530295				
	Brain_Frontal_Cortex_BA9	0.831530295	Brain_Frontal_Cortex_BA9	1	1				
	1	0.212739321	0.212739321	0.212739321	NA	1	0		
	0.998207054								
SPRYD7	ENSG00000123178.14	0.831531956	2	1	0.554664362				
	Brain_Cerebellar_Hemisphere	0.863362378	Brain_Cerebellum	1.93672294	0.06327706				
	1.93672294	-0.172095592	0.590785187	0.209344797	0.539438172	1			
	0	0.998207054							
PCED1B	ENSG00000179715.12	0.831673129	5	4	0.344677769				
	Brain_Frontal_Cortex_BA9	0.880947819	Brain_Hypothalamus	2.935242354					
	0.075250588	0.12740502	0.149767794	0.944962994	0.645648496				
	0.318629491	4	0	0.998207054					
AC004540.5	ENSG00000214870.8	0.831746872	9	9	0.321126758				
	Brain_Hypothalamus	0.990227715	Brain_Frontal_Cortex_BA9	2.246944942					
	0.349236486	0.349236486	-0.992145082	0.770493912	0.026486695				
	0.585043922	9	0	0.998207054					
ANKRD40	ENSG00000154945.6	0.831763916	5	4	0.312158989				
	Brain_Caudate_basal_ganglia	0.869321744	Brain_Cerebellum	2.016035486					
	0.000889945	0.938243361	-1.010702189	0.506263623	-0.096369359				
	0.630771598	4	0	0.998207054					
HINT1	ENSG00000169567.11	0.831851733	2	2	0.551903931	Brain_Cerebellum			
	0.971665771	Brain_Spinal_cord_cervical_c-1	1.13924027	0.86075973	0.86075973				
	-0.594909553	0.035519157	-0.279695198	0.445780416	2	0			
	0.998207054								
CR1	ENSG00000203710.10	0.831856007	8	4	0.468296141				
	Brain_Caudate_basal_ganglia	0.988140388	Brain_Anterior_cingulate_cortex_BA24						
	6.328226494	0.007067377	0.3085434	-0.283701058	0.725254129				
	0.094376472	0.314578559	4	0	0.998207054				
MSLN	ENSG00000102854.15	0.831958995	2	2	0.560902451	Brain_Cerebellum			
	0.626477955	Brain_Cerebellar_Hemisphere	1.599308592	0.400691408					
	0.400691408	0.48669011	0.581501583	0.534095847	0.067041836	2			
	0	0.998207054							
MIEF1	ENSG00000100335.13	0.832213565	2	2	0.668017075	Brain_Cerebellum			
	0.981050623	Brain_Cerebellar_Hemisphere	1.733786092	0.266213908					
	0.266213908	-0.428871043	-0.023751755	-0.226311399	0.286462596				
	2	0	0.998207054						

CNTN4-AS2	ENSG00000227588.2	0.832309898	1	1	0.832309898			
	Brain_Cerebellum	0.832309898	Brain_Cerebellum	1	1	1	-0.211739977	
		-0.211739977	NA	1	0	0.998207054		
GIMAP5	ENSG00000196329.11	0.832374337	2	2	0.569972608			
	Brain_Putamen_basal_ganglia	0.743337725	Brain_Cerebellum	1.798975312				
		0.201024688	0.201024688	-0.56809184	-0.327436551	-0.447764196		
		0.170168987	2	0	0.998207054			
ZNF33A	ENSG00000189180.15	0.832425849	1	1	0.832425849			
	Brain_Cortex	0.832425849	Brain_Cortex	1	1	1	-0.211591362	
		-0.211591362	NA	1	0	0.998207054		
RP11-180I4.4	ENSG00000268926.2	0.832595402	2	2	0.674765812			
	Brain_Cerebellar_Hemisphere	0.86536858	Brain_Cerebellum	1.886047218				
		0.113952782	0.113952782	0.169544237	0.419616255	0.294580246		
		0.17682762	2	0	0.998207054			
MRPL32	ENSG00000106591.3	0.832602599	4	3	0.383787929			
	Brain_Cerebellum	0.965722188	Brain_Nucleus_accumbens_basal_ganglia					
		2.810188378	0.035946321	0.166673914	-0.04297409	0.870938142		
		0.521099295	0.39937715	3	0	0.998207054		
PPP1R18	ENSG00000146112.11	0.832636351	3	3	0.457180266			
	Brain_Spinal_cord_cervical_c-1	0.788916068	Brain_Amygdala	1.302376406				
		0.774682162	0.774682162	-0.743497943	0.269034732	-0.068914929		
		0.584206398	3	0	0.998207054			
ALDH2	ENSG00000111275.12	0.83279886	8	4	0.377349555	Brain_Hypothalamus		
		0.951893986	Brain_Putamen_basal_ganglia	6.316752536	0.00320901			
		0.305139418	-0.882790351	0.579956134	-0.09896171	0.435308033		
		4	0	0.998207054				
SMTNL1	ENSG00000214872.8	0.832813584	13	2	0.452337461			
	Brain_Anterior_cingulate_cortex_BA24	0.840774213	Brain_Cortex					
		11.87807235	0.000432584	0.456294738	0.200903267	0.751523837		
		0.562756149	0.151336678	2	0	0.998207054		
ETHE1	ENSG00000105755.7	0.832890925	1	1	0.832890925			
	Brain_Nucleus_accumbens_basal_ganglia	0.832890925						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.210995318			
		0.210995318	0.210995318	NA	1	0	0.998207054	
NUDT13	ENSG00000166321.13	0.832904248	11	1	0.591284608			
	Brain_Cortex	0.982261879	Brain_Frontal_Cortex_BA9	10.2749049	7.18E-05			
		10.2749049	-0.536975398	0.055179444	-0.202453856	0.171157823	1	
		0	0.998207054					
MICAL3	ENSG00000243156.7	0.832970088	1	1	0.832970088			
	Brain_Nucleus_accumbens_basal_ganglia	0.832970088						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.210893869			
		0.210893869	0.210893869	NA	1	0	0.998207054	
MTCH2	ENSG00000109919.9	0.832976165	12	3	0.172304359	Brain_Cerebellum		
	Brain_Frontal_Cortex_BA9	9.50151189	0.000391179	0.800544967				
		-1.364836771	-0.381558502	-0.757164047	0.302920864	3	0	
		0.998207054						
KLHL21	ENSG00000162413.16	0.832980106	1	1	0.832980106			
	Brain_Putamen_basal_ganglia	0.832980106	Brain_Putamen_basal_ganglia	1	1			
		1	-0.210881032	-0.210881032	-0.210881032	NA	1	0
		0.998207054						
POMC	ENSG00000115138.10	0.833027318	1	1	0.833027318			
	Brain_Frontal_Cortex_BA9	0.833027318	Brain_Frontal_Cortex_BA9	1	1			
		1	-0.21082053	-0.21082053	-0.21082053	NA	1	0
		0.998207054						
MYH15	ENSG00000144821.9	0.833056957	1	1	0.833056957			
	Brain_Cerebellar_Hemisphere	0.833056957	Brain_Cerebellar_Hemisphere	1	1			
		1	0.210782549	0.210782549	0.210782549	NA	1	0
		0.998207054						
OSR1	ENSG00000143867.6	0.833115556	1	1	0.833115556			
	Brain_Hippocampus	0.833115556	Brain_Hippocampus	1	1	1		
		0.210707456	0.210707456	0.210707456	NA	1	0	0.998207054
CDC14B	ENSG00000081377.16	0.833161895	3	3	0.436471076			

	Brain_Cortex	0.616651578		Brain_Caudate_basal_ganglia	1.913423059			
	0.221659127	0.221659127		0.500601541	0.77816614	0.659684923		
	0.143167484	3	0	0.998207054				
MUL1	ENSG00000090432.6	0.833230512	13	8	0.417874644			
	Brain_Substantia_nigra	0.993500986		Brain_Caudate_basal_ganglia				
	7.344321913	0.007384483		0.331010065	-0.810114026	0.651597196		
	-0.262573127	0.479403963		8	0	0.998207054		
CDK5RAP2	ENSG00000136861.17	0.83323653	4	3	0.505464034			
	Brain_Nucleus_accumbens_basal_ganglia	0.917074327		Brain_Cerebellum				
	3.196226797	0.074709672		0.139528631	-0.665917187	0.104119738		
	-0.338170765	0.321292522		3	0	0.998207054		
RP11-309L24.4	ENSG00000272899.3	0.833239636		11	9	0.332220694		
	Brain_Nucleus_accumbens_basal_ganglia	0.945620825		Brain_Putamen_basal_ganglia				
	3.086624851	0.018327549		0.211834292	-0.969650575	0.690549781		
	-0.203307616	0.572518354		9	0	0.998207054		
SLC44A3	ENSG00000143036.16	0.833329456		12	3	0.253732073		
	Brain_Putamen_basal_ganglia	0.843237618		Brain_Cerebellum	9.026469287			
	0.006789983	0.312649837		-0.237507958	1.14133132	0.677284364		
	0.442235199	3	0	0.998207054				
RGL4	ENSG00000159496.14	0.833363729		2	2	0.570566509		Brain_Cerebellum
	0.624552534	Brain_Cerebellar_Hemisphere	1.560696544		0.439303456			
	0.439303456	-0.567217369		-0.489408479	-0.528312924	0.055019194		
	2	0	0.998207054					
LINC00862	ENSG00000203721.6	0.833463178		3	3	0.480458212		
	Brain_Putamen_basal_ganglia	0.847061302		Brain_Spinal_cord_cervical_c-1				
	1.533901056	0.632334704		0.632334704	-0.306832713	0.705565779		
	0.068621244	0.554545461		3	0	0.998207054		
CAMLG	ENSG00000164615.4	0.833491786		13	2	0.463257726		
	Brain_Spinal_cord_cervical_c-1	0.68107637		Brain_Frontal_Cortex_BA9				
	11.97956706	0.000148793		0.521159457	-0.733493114	-0.410994769		
	-0.57178174	0.105987269		2	0	0.998207054		
ARHGEF5	ENSG00000050327.14	0.833494955		8	5	0.154458092		
	Brain_Amygdala	0.369333556		Brain_Substantia_nigra	6.050258583			
	1.19E-07	0.257891458		-1.42395986	-0.897722416	-1.16057853		
	0.176332464	5	0	0.998207054				
SRRM1	ENSG00000133226.16	0.833522342		1	1	0.833522342		
	Brain_Frontal_Cortex_BA9	0.833522342		Brain_Frontal_Cortex_BA9	1	1		
	1	-0.21018621		-0.21018621	-0.21018621	NA	1	0
	0.998207054							
POP4	ENSG00000105171.9	0.833540267		2	2	0.583233096		
	Brain_Cerebellar_Hemisphere	0.814319566		Brain_Caudate_basal_ganglia				
	1.029615129	0.970384871		0.970384871	-0.548668312	-0.234857205		
	-0.391762758	0.221897962		2	0	0.998207054		
AF131215.8	ENSG00000270076.1	0.833554106		1	1	0.833554106		
	Brain_Cerebellum	0.833554106		Brain_Cerebellum	1	1	1	0.210145511
	0.210145511	0.210145511		NA	1	0	0.998207054	
CCNB1IP1	ENSG00000100814.17	0.833756414		11	3	0.305873439		
	Brain_Amygdala	0.994704102		Brain_Hippocampus	8.750862293			
	0.001041677	0.566840199		-1.023919203	0.494703353	-0.259999059		
	0.42689972	3	0	0.998207054				
AFF1	ENSG00000172493.20	0.833797101		7	6	0.256765765		
	Brain_Nucleus_accumbens_basal_ganglia	0.922681825		Brain_Frontal_Cortex_BA9				
	3.400190928	0.093371687		0.240352729	-0.924498902	1.134068621		
	0.089033067	0.721434905		6	0	0.998207054		
RP11-20G6.2	ENSG00000261090.1	0.833889058		2	2	0.667195795		
	Brain_Anterior_cingulate_cortex_BA24	0.681337814		Brain_Frontal_Cortex_BA9				
	1.026963413	0.973036587		0.973036587	-0.429999788	-0.410638247		
	-0.420319018	0.013690677		2	0	0.998207054		
UTP6	ENSG00000108651.9	0.833908476		4	3	0.537835556		Brain_Cerebellum
	0.820986527	Brain_Frontal_Cortex_BA9	3.353973488		0.03704144			
	0.123168688	-0.325772409		0.616089343	0.23602253	0.406948708		3
	0	0.998207054						

PTPRQ ENSG00000139304.12 0.833923471 3 3 0.630141079
Brain_Nucleus_accumbens_basal_ganglia 0.882406784 Brain_Caudate_basal_ganglia
1.85057329 0.218244717 0.218244717 -0.147918886 0.481528289
0.253912741 0.349019151 3 0 0.998207054

COPS2 ENSG00000166200.14 0.834002699 1 1 0.834002699
Brain_Frontal_Cortex_BA9 0.834002699 Brain_Frontal_Cortex_BA9 1 1
1 0.209570765 0.209570765 0.209570765 NA 1 0
0.998207054

HTRA3 ENSG00000170801.9 0.834035962 4 3 0.364010473 Brain_Cortex
0.832249452 Brain_Hippocampus 2.768208442 0.025110056
0.345776392 -0.907749712 -0.211817452 -0.539793825 0.298253582
3 0 0.998207054

GCFC2 ENSG0000005436.13 0.834064679 3 3 0.616277221
Brain_Nucleus_accumbens_basal_ganglia 0.906888366 Brain_Cortex 2.16533147
0.263335223 0.263335223 -0.159842361 0.50113343 0.15275178
0.331937959 3 0 0.998207054

SORBS1 ENSG00000095637.21 0.834092257 2 2 0.657202914
Brain_Cerebellum 0.727981368 Brain_Cortex 1.126633099 0.873366901
0.873366901 -0.347812011 0.443778251 0.04798312 0.559738843 2
0 0.998207054

RP11-502I4.3 ENSG00000270964.1 0.834154269 10 6 0.426114534
Brain_Anterior_cingulate_cortex_BA24 0.942944751 Brain_Cortex
6.406611765 0.032158042 0.269478226 -0.795858072 0.775994751
-0.142247586 0.522753077 6 0 0.998207054

IFITM2 ENSG00000185201.16 0.834261309 8 8 0.108615209
Brain_Caudate_basal_ganglia 0.998711103 Brain_Anterior_cingulate_cortex_BA24
2.721945526 0.288468146 0.288468146 -0.827812104 1.604448583
-0.180037806 0.795364991 8 0 0.998207054

PLPPR2 ENSG00000105520.10 0.834283832 4 4 0.40234259 Brain_Cerebellum
0.841914057 Brain_Spinal_cord_cervical_c-1 1.584264588 0.510354626
0.510354626 -0.837444804 0.806024865 0.108510303 0.686642735
4 0 0.998207054

TMEM173 ENSG00000184584.12 0.834302179 2 2 0.564643573
Brain_Nucleus_accumbens_basal_ganglia 0.907917059 Brain_Caudate_basal_ganglia
1.469025968 0.530974032 0.530974032 0.115666245 0.575957997
0.345812121 0.325475419 2 0 0.998207054

CTD-3157E16.1 ENSG00000265519.1 0.834406341 11 5 0.249190937
Brain_Cerebellar_Hemisphere 0.989577757 Brain_Spinal_cord_cervical_c-1
8.352426367 0.001163084 0.287274168 -1.15231675 0.415985151
0.066979507 0.436181858 5 0 0.998207054

OST4 ENSG00000228474.5 0.834457399 1 1 0.834457399
Brain_Anterior_cingulate_cortex_BA24 0.834457399
Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.208988265
0.208988265 0.208988265 NA 1 0 0.998207054

LINC00158 ENSG00000185433.8 0.834566794 2 2 0.615120221
Brain_Cerebellum 0.773890891 Brain_Cerebellar_Hemisphere 1.881419803
0.118580197 0.118580197 0.287289201 0.502778201 0.395033701
0.152373733 2 0 0.998207054

AC104024.1 ENSG00000230709.1 0.834690834 2 2 0.561780119
Brain_Nucleus_accumbens_basal_ganglia 0.60722557 Brain_Putamen_basal_ganglia
1.689569837 0.310430163 0.310430163 -0.580199458 -0.51403779
-0.547118624 0.046783364 2 0 0.998207054

IQCH ENSG00000103599.19 0.834802187 4 4 0.347060022
Brain_Cerebellar_Hemisphere 0.875622843 Brain_Hypothalamus 2.610670887
0.270837272 0.270837272 -0.156520396 0.940307172 0.363611353
0.463513397 4 0 0.998207054

EDEM2 ENSG00000088298.12 0.83483237 9 4 0.084336953 Brain_Cortex
0.822327593 Brain_Anterior_cingulate_cortex_BA24 6.738109399
0.001697683 0.25334285 -1.726058141 0.224552278 -0.778865538
0.527193174 4 0 0.998207054

SMIM24 ENSG00000095932.6 0.834847122 1 1 0.834847122
Brain_Cerebellar_Hemisphere 0.834847122 Brain_Cerebellar_Hemisphere 1 1

1	-0.208489063	-0.208489063	-0.208489063	NA	1	0	
0.998207054							
PIGB	ENSG00000069943.9	0.834847972	9	7	0.123616348		Brain_Amygdala
0.743958801	Brain_Cerebellum	4.503973652			0.068144562		0.222482034
0.326615391	1.539770323	0.672505018			0.371826694	7	0
0.998207054							
C11orf95	ENSG00000188070.9	0.83490257	1	1	0.83490257		
Brain_Frontal_Cortex_BA9	0.83490257	Brain_Frontal_Cortex_BA9	1	1	1		
-0.208418043	-0.208418043	-0.208418043	NA	1	0		0.998207054
C8orf59	ENSG00000176731.11	0.835002644	1	1	0.835002644		
Brain_Frontal_Cortex_BA9	0.835002644	Brain_Frontal_Cortex_BA9	1	1			
1	0.208289865	0.208289865	0.208289865	NA	1	0	
0.998207054							
ASB8	ENSG00000177981.10	0.835026415	13	3	0.372992779		
Brain_Anterior_cingulate_cortex_BA24	0.942964526						
Brain_Nucleus_accumbens_basal_ganglia	10.33637634	0.000850722					
0.861211163	-0.271745912	0.890881438			0.245298582		0.317419075
3	0	0.998207054					
WNT16	ENSG00000002745.12	0.835026935	1	1	0.835026935		
Brain_Putamen_basal_ganglia	0.835026935	Brain_Putamen_basal_ganglia	1	1			
1	-0.208258754	-0.208258754	-0.208258754	NA	1	0	
0.998207054							
PROM1	ENSG00000007062.11	0.835038755	7	4	0.411926874		
Brain_Spinal_cord_cervical_c-1	0.964485219						
Brain_Nucleus_accumbens_basal_ganglia	4.529278642	0.020114383					
0.496316337	-0.806041938	0.820507467			0.054561253		0.511413634
4	0	0.998207054					
ZNF766	ENSG00000196214.10	0.8351639	1	1	0.8351639		Brain_Hippocampus
0.8351639	Brain_Hippocampus	1	1	1	0.208083334		0.208083334
0.208083334	NA	1	0	0.998207054			
PKDCC	ENSG00000162878.12	0.835254046	8	8	0.336352566		
Brain_Spinal_cord_cervical_c-1	0.921824286	Brain_Cerebellum	2.374208466				
0.160942428	0.160942428	0.09813602	0.961397052		0.606277911		
0.358493412	8	0	0.998207054				
TUBE1	ENSG00000074935.13	0.835258277	1	1	0.835258277		
Brain_Nucleus_accumbens_basal_ganglia	0.835258277						
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.207962462			
0.207962462	0.207962462	NA	1	0	0.998207054		
CTD-2270L9.4	ENSG00000260136.5	0.835326218	5	3	0.679964623		
Brain_Anterior_cingulate_cortex_BA24	0.913792743	Brain_Hypothalamus					
4.08170306	0.001153702	0.209718755	-0.412511406		0.108255851		
-0.278206949	0.220387796	3	0	0.998207054			
FDXR	ENSG00000161513.11	0.835332977	3	3	0.354140325		
Brain_Anterior_cingulate_cortex_BA24	0.498015146	Brain_Cortex					
2.577398313	0.132171141	0.132171141	0.677616084		0.926588314		
0.773603843	0.133915129	3	0	0.998207054			
CYSRT1	ENSG00000197191.4	0.835355099	2	2	0.551624498		
Brain_Cerebellum	0.968244509	Brain_Anterior_cingulate_cortex_BA24					
1.056161878	0.943838122	0.943838122	-0.039810119		0.595327618		
0.277758749	0.449110201	2	0	0.998207054			
NUCKS1	ENSG00000069275.12	0.835362505	4	4	0.432158531		
Brain_Hippocampus	0.904206143	Brain_Caudate_basal_ganglia	2.242954559				
0.337386685	0.337386685	-0.785503309	0.666840527		-0.161772584		
0.615906338	4	0	0.998207054				
IMPA2	ENSG00000141401.11	0.835375534	2	2	0.638874214		Brain_Cerebellum
0.702942205	Brain_Hypothalamus	1.016763742	0.983236258				
0.983236258	-0.381351822	0.469273417	0.043960797		0.601482875		
2	0	0.998207054					
LINC01877	ENSG00000238217.5	0.835393767	1	1	0.835393767		
Brain_Anterior_cingulate_cortex_BA24	0.835393767						
Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.207788942			
-0.207788942	-0.207788942	NA	1	0	0.998207054		

ZNF664	ENSG00000179195.15	0.835468189	1	1	0.835468189				
	Brain_Amygdala	0.835468189	Brain_Amygdala	1	1	1	0.207693634		
	0.207693634	0.207693634	NA	1	0	0.998207054			
CHCHD4	ENSG00000163528.12	0.835615212	5	3	0.530095459				
	Brain_Cerebellum	0.835747038	Brain_Spinal_cord_cervical_c-1				4.349568876		
	0.00135135	0.181489878	0.207336541			0.627860302	0.363866324		
	0.207803894	3	0	0.998207054					
FAN1	ENSG00000198690.9	0.835647859	5	3	0.363865554				
	Brain_Anterior_cingulate_cortex_BA24	0.990997751	Brain_Cerebellar_Hemisphere						
	2.865180497	0.004287012	0.162630973			-0.908023977	-0.011282886		
	-0.625324618	0.360498452	3	0	0.998207054				
TBC1D29	ENSG00000266733.5	0.835655511	1	1	0.835655511				
	Brain_Amygdala	0.835655511	Brain_Amygdala	1	1	1	-0.207453747		
	-0.207453747	-0.207453747	NA	1	0	0.998207054			
TTC3	ENSG00000182670.13	0.835688209	11	2	0.287284163				
	Brain_Spinal_cord_cervical_c-1	0.979716868	Brain_Hypothalamus						
	9.841337038	0.005317003	0.370924893			-0.115932291	1.064098318		
	0.355777826	0.333635896	2	0	0.998207054				
CCDC66	ENSG00000180376.16	0.83570374	13	9	0.12591771				
	Brain_Putamen_basal_ganglia	0.932740209	Brain_Cerebellar_Hemisphere						
	5.864828541	0.037777546	0.254188964			-0.623264355	1.530400159		
	0.686595232	0.635554594	9	0	0.998207054				
PUM1	ENSG00000134644.15	0.835844035	1	1	0.835844035				
	Brain_Spinal_cord_cervical_c-1	0.835844035	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.207212334	0.207212334	0.207212334	NA	1	0
	0.998207054								
GLDN	ENSG00000186417.13	0.836039082	3	3	0.586336551				
	Brain_Amygdala		Brain_Cerebellum						
	0.696872646	Brain_Cerebellum	1.675652686			0.647026198	0.647026198		
	-0.544152477	0.389545518	-0.200923601			0.513608596	3	0	
	0.998207054								
BEST4	ENSG00000142959.4	0.836065654	2	2	0.572359071				
	Brain_Nucleus_accumbens_basal_ganglia	0.719846138	Brain_Cerebellar_Hemisphere						
	1.830811605	0.169188395	0.169188395			0.358664434	0.564580589		
	0.461622512	0.145604709	2	0	0.998207054				
HTRA1	ENSG00000166033.11	0.836087304	1	1	0.836087304				
	Brain_Putamen_basal_ganglia	0.836087304	Brain_Putamen_basal_ganglia	1	1				
	1	-0.206900835	-0.206900835	-0.206900835	NA	1	0		
	0.998207054								
RP4-777O23.1	ENSG00000263683.1	0.836087354	4	4	0.576700372				
	Brain_Substantia_nigra	0.96306928	Brain_Putamen_basal_ganglia						
	0.286400903	0.286400903	-0.289797241			0.558210909	0.199397836		
	0.396592308	4	0	0.998207054					
AKR1C3	ENSG00000196139.13	0.836289388	6	6	0.279543388				
	Brain_Putamen_basal_ganglia	0.930536271	Brain_Hypothalamus						
	0.423759752	0.423759752	-1.08134565			1.046334361	-0.077689773		
	0.804965549	6	0	0.998207054					
IGFL2	ENSG00000204866.8	0.836457373	7	5	0.503485967				
	Brain_Frontal_Cortex_BA9	0.860898508	Brain_Nucleus_accumbens_basal_ganglia						
	4.692721014	0.000411961	0.182320191			-0.669014909	0.356640167		
	0.100568746	0.395085814	5	0	0.998207054				
MAP2K2	ENSG00000126934.13	0.836575483	2	2	0.551868299				
	Brain_Cortex	0.970819158	Brain_Cerebellum						
	0.971068154	0.036580919	0.594962858			0.315771888	0.394835656		
	2	0	0.998207054						
TMEM63C	ENSG00000165548.10	0.836585281	5	3	0.400339244				
	Brain_Hypothalamus	0.764357777	Brain_Cerebellum						
	0.011676755	0.347796314	-0.841015513			-0.299763214	-0.473067981		
	0.214735869	3	0	0.998207054					
OR2K2	ENSG00000171133.2	0.836709311	1	1	0.836709311				
	Brain_Hippocampus	0.836709311	Brain_Hippocampus	1	1	1			
	-0.206104465	-0.206104465	-0.206104465	NA	1	0	0.998207054		
FAM43B	ENSG00000183114.7	0.836720728	2	2	0.700710986				

	Brain_Cerebellar_Hemisphere	0.999315396		Brain_Cerebellum	1.764342498				
	0.235657502	0.235657502	-0.000858024	0.384360887		0.191751432			
	0.272390904	2	0	0.998207054					
ZNF720	ENSG00000197302.10	0.836763395		7	3	0.323548022			
	Brain_Hypothalamus	0.697159499		Brain_Frontal_Cortex_BA9	5.299290312				
	0.008464488	0.325989672	-0.987193022	-0.389157691	-0.789471958				
	0.204587404	3	0	0.998207054					
FRS3	ENSG00000137218.10	0.836765393		7	6	0.348859392			
	Brain_Caudate_basal_ganglia	0.854428991		Brain_Cerebellum	2.331594133				
	0.039902	0.522508218	-0.904845493	0.936803991	0.148940894				
	0.737388916	6	0	0.998207054					
CCDC169	ENSG00000242715.7	0.837011635		11	4	0.400425239			
	Brain_Hypothalamus	0.936719245		Brain_Caudate_basal_ganglia	8.615292984				
	0.003274376	0.452039426	-0.840862018	0.411011401	-0.181872229				
	0.34397237	4	0	0.998207054					
RP11-463I20.3	ENSG00000259181.1	0.837032582		1	1	0.837032582			
	Brain_Nucleus_accumbens_basal_ganglia	0.837032582							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.205690625				
	-0.205690625	-0.205690625	NA	1	0	0.998207054			
ATP6V1D	ENSG00000100554.11	0.837067227		2	2	0.788382952			
	Brain_Cortex	0.818617517		Brain_Caudate_basal_ganglia	1.651305874				
	0.348694126	0.348694126	-0.268411028	0.229323464	-0.019543782				
	0.351951435	2	0	0.998207054					
CCDC122	ENSG00000151773.12	0.8371204	10	4	0.311553447				
	Brain_Anterior_cingulate_cortex_BA24	0.836197636		Brain_Hippocampus					
	7.407589827	0.04032331	0.265092269	-0.302393573	1.011967805				
	0.432595974	0.365624054	4	0	0.998207054				
CMC2	ENSG00000103121.8	0.837183904		2	2	0.557340777		Brain_Cerebellum	
	0.934778311	Brain_Substantia_nigra	1.039890699	0.960109301					
	0.960109301	-0.081834512	0.586795921	0.252480704	0.472793113				
	2	0	0.998207054						
MAT1A	ENSG00000151224.12	0.837359551		1	1	0.837359551			
	Brain_Putamen_basal_ganglia	0.837359551		Brain_Putamen_basal_ganglia	1	1			
	1	0.205272086	0.205272086	0.205272086	NA	1	0		
	0.998207054								
LACE1	ENSG00000135537.16	0.837402023		3	3	0.416274954			
	Brain_Cerebellar_Hemisphere	0.963343731		Brain_Substantia_nigra					
	2.086216139	0.086973528	0.086973528	-0.812900768	-0.045957993				
	-0.477874114	0.392544241	3	0	0.998207054				
CTCF	ENSG00000102974.14	0.837436198		2	2	0.55153267			
	Brain_Nucleus_accumbens_basal_ganglia	0.605830151		Brain_Hypothalamus					
	1.852977843	0.147022157	0.147022157	-0.595465027	-0.516034733				
	-0.55574988	0.0561657	2	0	0.998207054				
PSMC1	ENSG00000100764.13	0.837475561		1	1	0.837475561			
	Brain_Hippocampus	0.837475561		Brain_Hippocampus	1	1	1		
	-0.205123597	-0.205123597	-0.205123597	NA	1	0	0.998207054		
EMP3	ENSG00000142227.10	0.837475926		2	2	0.551596596			
	Brain_Nucleus_accumbens_basal_ganglia	0.868007852		Brain_Putamen_basal_ganglia					
	1.30497119	0.69502881	0.69502881	-0.595369368	-0.166189462	-0.380779415			
	0.303476022	2	0	0.998207054					
AGBL4	ENSG00000186094.16	0.837558681		2	2	0.619594718			
	Brain_Hypothalamus	0.656260175		Brain_Cerebellar_Hemisphere	1.256445915				
	0.743554085	0.743554085	0.445082445	0.49642482	0.470753632				
	0.036304542	2	0	0.998207054					
ZNF561	ENSG00000171469.10	0.837699745		10	4	0.269337669			
	Brain_Substantia_nigra	0.833919302		Brain_Nucleus_accumbens_basal_ganglia					
	8.031402922	0.001396486	0.348992021	-0.827460661	1.104589118				
	0.410717672	0.571561652	4	0	0.998207054				
RP4-813D12.3	ENSG00000226308.1	0.837740152		2	2	0.551898538			
	Brain_Amygdala	0.987163247		Brain_Cerebellar_Hemisphere	1.005281029				
	0.994718971	0.994718971	0.016089179	0.594917621	0.3055034				
	0.409293517	2	0	0.998207054					

RALB	ENSG00000144118.13	0.837744043	5	4	0.400409481	Brain_Cortex
	0.915796437	Brain_Cerebellum	3.156399778		0.001927875	0.336076663
	-0.840890143	0.553870356	-0.270604341		0.580013293	4 0
	0.998207054					
COPG1	ENSG00000181789.14	0.837749361	1	1	0.837749361	Brain_Cerebellum
	0.837749361	Brain_Cerebellum	1	1	-0.204773155	-0.204773155
	-0.204773155	NA	1	0	0.998207054	
PAQR8	ENSG00000170915.8	0.837874457	8	6	0.265426903	Brain_Cerebellum
	0.821665663	Brain_Nucleus_accumbens_basal_ganglia	5.202013847			
	0.086846974	0.281414111	-0.359896893		1.113655741	0.33892637
	0.571264726	6	0	0.998207054		
ZNF728	ENSG00000269067.1	0.837954881	1	1	0.837954881	
	Brain_Cortex	0.837954881	Brain_Cortex	1	1	1
	0.204510124	0.204510124	NA	1	0	0.998207054
SF3A2	ENSG00000104897.9	0.838029344	2	2	0.616626743	Brain_Cerebellum
	0.728113329	Brain_Putamen_basal_ganglia	1.055027847		0.944972153	
	0.944972153	0.347636316	0.500636822		0.424136569	0.108187695
	2	0	0.998207054			
NT5M	ENSG00000205309.13	0.83803674	5	2	0.641418573	
	Brain_Cerebellar_Hemisphere	0.952133319	Brain_Putamen_basal_ganglia			
	4.691000404	0.014604462	0.225804589		-0.465716314	0.060028019
	-0.284061767	0.20402312	2	0	0.998207054	
SNRPF	ENSG00000139343.10	0.838049537	6	3	0.477300446	
	Brain_Putamen_basal_ganglia	0.979159882	Brain_Amygdala	5.151874142		
	0.021879375	0.186099177	-0.29580336		0.710651137	0.134100154
	0.357733053	3	0	0.998207054		
PELI2	ENSG00000139946.9	0.838050953	1	1	0.838050953	Brain_Cortex
	0.838050953	Brain_Cortex	1	1	-0.204387173	-0.204387173
	-0.204387173	NA	1	0	0.998207054	
LENG1	ENSG00000105617.3	0.838191786	1	1	0.838191786	Brain_Cerebellum
	0.838191786	Brain_Cerebellum	1	1	-0.204206943	-0.204206943
	-0.204206943	NA	1	0	0.998207054	
ISM1	ENSG00000101230.5	0.838281199	2	2	0.59268816	
	Brain_Substantia_nigra	0.788857368	Brain_Cerebellum	1.018122336		
	0.981877664	0.981877664	-0.267794678		0.53494461	0.133574966
	0.567622394	2	0	0.998207054		
MAX	ENSG00000125952.18	0.838305159	2	2	0.594681692	Brain_Cortex
	0.843248204	Brain_Frontal_Cortex_BA9	1.120754355		0.879245645	
	0.879245645	-0.532063969	-0.197740368		-0.364902168	0.236402485
	2	0	0.998207054			
SRP19	ENSG00000153037.13	0.838374592	5	4	0.394532312	Brain_Cortex
	0.988909186	Brain_Frontal_Cortex_BA9	3.401635781		0.094597935	
	0.27284328	-0.238577387	0.851426795		0.118583701	0.44537888
	0.998207054				4	0
FAM102B	ENSG00000162636.15	0.83838285	1	1	0.83838285	Brain_Cerebellum
	0.83838285	Brain_Cerebellum	1	1	0.203962441	0.203962441
	0.203962441	NA	1	0	0.998207054	
RP11-45506.9	ENSG00000275542.1	0.838526131	1	1	0.838526131	
	Brain_Frontal_Cortex_BA9	0.838526131	Brain_Frontal_Cortex_BA9	1	1	
	1	0.203779094	0.203779094	0.203779094	NA	1
	0.998207054				0	
RP11-380D11.2	ENSG00000260926.2	0.838560091	1	1	0.838560091	
	Brain_Substantia_nigra	0.838560091	Brain_Substantia_nigra	1	1	
	1	0.203735638	0.203735638	0.203735638	NA	1
	0.998207054				0	
AC010894.3	ENSG00000226853.2	0.83860213	1	1	0.83860213	Brain_Cerebellum
	0.83860213	Brain_Cerebellum	1	1	-0.203681845	-0.203681845
	-0.203681845	NA	1	0	0.998207054	
DPF3	ENSG00000205683.11	0.838644719	1	1	0.838644719	
	Brain_Nucleus_accumbens_basal_ganglia	0.838644719				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.20362735	
	-0.20362735	-0.20362735	NA	1	0	0.998207054

USP35	ENSG00000118369.12	0.838930768	7	4	0.382834343			
	Brain_Hypothalamus	0.994688609			Brain_Caudate_basal_ganglia	5.091612233		
	0.008692697	0.253660822			-0.278801951	0.872685831		0.473813638
	0.453961685	4	0	0.998207054				
GADD45G	ENSG00000130222.10	0.838956898	2	2	0.555479659			
	Brain_Cerebellum	0.973102076			Brain_Cortex	1.044482234		0.955517766
	0.955517766	-0.033717936			0.589568972	0.277925518		0.440730399
	2	0	0.998207054					
RNF25	ENSG00000163481.7	0.838984625	3	3	0.36671955			
	Brain_Frontal_Cortex_BA9	0.973010125			Brain_Cortex	1.115524794		
	0.90816075	0.90816075			-0.902635179	-0.033833245		-0.359880258
	0.473208134	3	0	0.998207054				
KCTD15	ENSG00000153885.14	0.839050276	8	7	0.09103927			
	Brain_Hypothalamus	0.914771182			Brain_Hippocampus	2.844810124		
	0.015779916	0.34898791			-1.689940856	0.398738995		-0.167460481
	0.751395138	7	0	0.998207054				
NECTIN2	ENSG00000130202.9	0.8391889	1	1	0.8391889			
	Brain_Spinal_cord_cervical_c-1	0.8391889			Brain_Spinal_cord_cervical_c-1	1		
	1	1	0.202931081		0.202931081	0.202931081	NA	1
	0.998207054							0
SLC44A5	ENSG00000137968.16	0.839204605	2	2	0.564623234			
	Brain_Cerebellar_Hemisphere	0.626206173			Brain_Cerebellum	1.932002431		
	0.067997569	0.067997569			0.487073602	0.575988087		0.531530844
	0.062872035	2	0	0.998207054				
YTHDF1	ENSG00000149658.17	0.839356742	1	1	0.839356742			
	Brain_Cerebellum	0.839356742			Brain_Cerebellum	1	1	1
	0.202716352	0.202716352			NA	1	0	0.998207054
FUOM	ENSG00000148803.11	0.839505913	1	1	0.839505913			
	Brain_Putamen_basal_ganglia	0.839505913			Brain_Putamen_basal_ganglia	1		1
	1	-0.202525516			-0.202525516	-0.202525516	NA	1
	0.998207054							0
RP11-2E11.5	ENSG00000259920.1	0.839516228	1	1	0.839516228			
	Brain_Hypothalamus	0.839516228			Brain_Hypothalamus	1	1	1
	-0.202512321	-0.202512321			-0.202512321	NA	1	0
	0.998207054							
LINC00864	ENSG00000228055.2	0.839736543	1	1	0.839736543			
	Brain_Nucleus_accumbens_basal_ganglia	0.839736543						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.202230484			
	0.202230484	0.202230484			NA	1	0	0.998207054
RAB7A	ENSG00000075785.12	0.839797687	2	2	0.55526439			
	Brain_Frontal_Cortex_BA9	0.982314698			Brain_Anterior_cingulate_cortex_BA24			
	1.021578611	0.978421389			0.978421389	-0.589890014		0.022167055
	-0.28386148	0.432789704			2	0		0.998207054
MBTPS1	ENSG00000140943.16	0.839851315	3	3	0.368836022			
	Brain_Cerebellar_Hemisphere	0.981132242			Brain_Nucleus_accumbens_basal_ganglia			
	1.716630662	0.28361059			0.28361059	-0.898655809		0.023649432
	-0.464201937	0.463465435			3	0		0.998207054
FERMT2	ENSG00000073712.14	0.839872911	1	1	0.839872911			
	Brain_Nucleus_accumbens_basal_ganglia	0.839872911						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.202056044			
	0.202056044	0.202056044			NA	1	0	0.998207054
CDKN2C	ENSG00000123080.10	0.839877597	2	2	0.610002476			
	Brain_Cerebellum	0.763835836			Brain_Anterior_cingulate_cortex_BA24			
	1.004729554	0.995270446			0.995270446	0.3004475		0.510069923
	0.405258712	0.148225436			2	0		0.998207054
RP11-359J14.2	ENSG00000256973.1	0.84000812	2	2	0.653420474			
	Brain_Spinal_cord_cervical_c-1	0.733214469						
	Brain_Nucleus_accumbens_basal_ganglia	1.091404944			0.908595056			
	0.908595056	-0.449015502			0.340852708	-0.054081397		0.558521167
	2	0	0.998207054					
ATP8B2	ENSG00000143515.16	0.840018251	2	2	0.573516776			
	Brain_Putamen_basal_ganglia	0.989049873			Brain_Cerebellum	1.32421842		0.67578158
	0.67578158	-0.013724379			0.562879741	0.274577681		0.407720684
								2

0	0.998207054								
LINC02138	ENSG00000205015.1	0.840049899	3	3	0.650569773				
	Brain_Hippocampus	0.964950282			Brain_Cerebellum	2.542251096			
	0.107595641	0.107595641	-0.452970793		0.295631348			-0.067093963	
	0.37483768	3	0	0.998207054					
PER1	ENSG00000179094.15	0.840056537	2	2	0.609657079				
	Brain_Nucleus_accumbens_basal_ganglia	0.747844423			Brain_Substantia_nigra				
	1.049698216	0.950301784	0.950301784		-0.510563015		0.321482961		
	-0.094540027	0.588345352	2	0	0.998207054				
SSR1	ENSG00000124783.12	0.840118463	4	1	0.784586291				
	Brain_Nucleus_accumbens_basal_ganglia	0.871532618			Brain_Hypothalamus				
	3.897831143	0.008195992	3.897831143		-0.273347258		-0.161712046		
	-0.199385246	0.050287539	1	0	0.998207054				
CCP110	ENSG00000103540.16	0.840200222	1	1	0.840200222				
	Brain_Hippocampus	0.840200222			Brain_Hippocampus	1	1	1	
	-0.201637378	-0.201637378	-0.201637378	NA	1	0	0.998207054		
HELQ	ENSG00000163312.10	0.84023396	1	1	0.84023396	Brain_Frontal_Cortex_BA9			
	0.84023396	Brain_Frontal_Cortex_BA9	1	1	1	0.201594225			
	0.201594225	0.201594225	NA	1	0	0.998207054			
CYP2J2	ENSG00000134716.9	0.840298915	5	5	0.272145089				
	Brain_Anterior_cingulate_cortex_BA24	0.857315949			Brain_Cortex	1.52507281			
	0.459619033	0.459619033	-1.098136043		0.857579631		-0.031714948		
	0.763320751	5	0	0.998207054					
TFEB	ENSG00000112561.17	0.840318438	3	3	0.488484572	Brain_Cerebellum			
	0.838120947	Brain_Nucleus_accumbens_basal_ganglia	1.81961835	0.191147569					
	0.191147569	-0.692721137	-0.204297598		-0.37289488		0.277113768		
	3	0	0.998207054						
MFSD14B	ENSG00000148110.15	0.840601236	6	5	0.261402437				
	Brain_Anterior_cingulate_cortex_BA24	0.737365518			Brain_Frontal_Cortex_BA9				
	3.96884151	0.024167145	0.155966302		-1.123082549		-0.335344117		
	-0.634377002	0.279424544	5	0	0.998207054				
APOL1	ENSG00000100342.20	0.840685094	1	1	0.840685094	Brain_Cortex			
	0.840685094	Brain_Cortex	1	1	1	-0.201017239		-0.201017239	
	-0.201017239	NA	1	0	0.998207054				
TM9SF2	ENSG00000125304.8	0.84079795	3	3	0.388710089				
	Brain_Cerebellar_Hemisphere	0.985239621			Brain_Caudate_basal_ganglia				
	1.333911143	0.713960378	0.713960378		-0.861958983		0.451531342		
	-0.142976029	0.665533498	3	0	0.998207054				
GPR68	ENSG00000119714.10	0.840804305	2	2	0.565654018				
	Brain_Cerebellar_Hemisphere	0.865480891			Brain_Cerebellum	1.069917635			
	0.930082365	0.930082365	0.16940144	0.574463758		0.371932599			
	0.286422312	2	0	0.998207054					
DHDH	ENSG00000104808.7	0.840817421	5	5	0.262860428	Brain_Cortex			
	0.950000287	Brain_Anterior_cingulate_cortex_BA24	1.473619284						
	0.664357481	0.664357481	0.062706418		1.119655892		0.643798762		
	0.473670285	5	0	0.998207054					
MRPL27	ENSG00000108826.15	0.840867721	4	3	0.44495769	Brain_Cortex			
	0.789287704	Brain_Anterior_cingulate_cortex_BA24	2.00281867	0.029984048					
	0.883846098	-0.763848233	0.458887344		-0.057748927		0.56819448	3	
	0	0.998207054							
CHST2	ENSG00000175040.5	0.84091202	1	1	0.84091202	Brain_Cerebellar_Hemisphere			
	0.84091202	Brain_Cerebellar_Hemisphere	1	1	1	0.200727034			
	0.200727034	0.200727034	NA	1	0	0.998207054			
IQGAP1	ENSG00000140575.12	0.840921509	13	1	0.597401415				
	Brain_Hypothalamus	0.956587716			Brain_Nucleus_accumbens_basal_ganglia				
	12.26282605	0.000267122	12.26282605		-0.528141087		0.390278323		
	-0.184380617	0.333855623	1	0	0.998207054				
ZNF33B	ENSG00000196693.14	0.840934891	11	4	0.176174403				
	Brain_Cerebellum	0.968060718			Brain_Cortex	7.635292063		0.012141525	
	0.326675857	-1.352628312	0.040040651		-0.664788788		0.408210017		
	4	0	0.998207054						
UQCRC2	ENSG00000140740.10	0.840944943	2	2	0.572250467				

	Brain_Nucleus_accumbens_basal_ganglia	0.815768907			Brain_Caudate_basal_ganglia	
	1.120934321	0.879065679	0.879065679	0.23299034	0.564740229	
	0.398865285	0.234582596	2	0	0.998207054	
PCBD1	ENSG00000166228.8	0.840982402	2	2	0.605700081	Brain_Cortex
	0.612444775	Brain_Cerebellum	1.510559448		0.489440552	0.489440552
	-0.516220978	-0.506586795	-0.511403886		0.006812396	2
	0.998207054					0
RP11-561O23.5	ENSG00000234394.8	0.841009857	1	1	0.841009857	
	Brain_Hippocampus	0.841009857	Brain_Hippocampus	1	1	1
	0.20060192	0.20060192	0.20060192	NA	1	0
					0.998207054	
B3GNT9	ENSG00000237172.3	0.84107828	1	1	0.84107828	
	Brain_Nucleus_accumbens_basal_ganglia	0.84107828				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.200514422	
	0.200514422	0.200514422	NA	1	0	0.998207054
LRRFIP2	ENSG00000093167.17	0.841359641	11	5	0.503125179	
	Brain_Frontal_Cortex_BA9	0.961865298	Brain_Hypothalamus	8.076928473		
	0.001487935	0.313514446	-0.504148105	0.669580609	-0.082797036	
	0.460852463	5	0	0.998207054		
RP11-1094H24.4	ENSG00000246640.1	0.841426928	3	3	0.525701216	
	Brain_Cerebellar_Hemisphere	0.988311186	Brain_Caudate_basal_ganglia			
	2.505213094	0.090485403	0.090485403	-0.027078969	0.634581778	
	0.207384363	0.370551691	3	0	0.998207054	
PPA1	ENSG00000180817.11	0.841506404	9	8	0.22615538	
	Brain_Frontal_Cortex_BA9	0.978840712	Brain_Putamen_basal_ganglia			
	4.188832615	0.026428797	0.265999484	-0.033482403	1.210321945	
	0.458636	0.53502158	8	0	0.998207054	
COL26A1	ENSG00000160963.13	0.84162296	7	3	0.4726463	
	Brain_Frontal_Cortex_BA9	0.970672873	Brain_Caudate_basal_ganglia			
	5.574134036	0.009865018	0.244986719	-0.718180012	0.209282512	
	-0.148909875	0.337616062	3	0	0.998207054	
RP11-281A20.1	ENSG00000231901.1	0.841664035	1	1	0.841664035	
	Brain_Cerebellum	0.841664035	Brain_Cerebellum	1	1	1
	0.199765436	0.199765436	NA	1	0	0.998207054
ZNF772	ENSG00000197128.11	0.841704702	4	4	0.447993141	
	Brain_Hippocampus	0.872021069	Brain_Cerebellar_Hemisphere	2.517927569		
	0.391558641	0.391558641	-0.758765009	0.348457404	-0.281241476	
	0.487560676	4	0	0.998207054		
LAP3	ENSG00000002549.12	0.841764197	4	2	0.587427803	
	Brain_Anterior_cingulate_cortex_BA24	0.798149474	Brain_Cerebellar_Hemisphere			
	3.767683235	0.017027193	0.172443527	0.255742762	0.542567235	
	0.419634413	0.122358369	2	0	0.998207054	
RP11-500B12.1	ENSG00000233569.1	0.841784081	10	4	0.328710485	
	Brain_Nucleus_accumbens_basal_ganglia	0.906932483	Brain_Frontal_Cortex_BA9			
	7.499198488	0.011045073	0.286399606	-0.1169086	0.97671456	0.61752401
	0.291358964	4	0	0.998207054		
HERC5	ENSG00000138646.8	0.841837036	1	1	0.841837036	
	Brain_Hippocampus	0.841837036	Brain_Hippocampus	1	1	1
	0.199544246	0.199544246	0.199544246	NA	1	0
					0.998207054	
EPHA6	ENSG00000080224.17	0.841956549	1	1	0.841956549	
	Brain_Spinal_cord_cervical_c-1	0.841956549	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.199391448	0.199391448	0.199391448
	0.998207054				NA	1
						0
NFAM1	ENSG00000235568.6	0.841967045	1	1	0.841967045	
	Brain_Hypothalamus	0.841967045	Brain_Hypothalamus	1	1	1
	0.199378029	0.199378029	0.199378029	NA	1	0
					0.998207054	
LCLAT1	ENSG00000172954.13	0.8420206	5	4	0.363424173	Brain_Cortex
	0.999528656	Brain_Caudate_basal_ganglia	3.186574811	0.051729073		
	0.115294654	-0.90885973	-0.000590742	-0.501936876	0.341935284	
	4	0	0.998207054			
RP11-24H2.3	ENSG00000279325.1	0.842257675	2	2	0.770901023	
	Brain_Anterior_cingulate_cortex_BA24	0.777692074	Brain_Amygdala			
	1.520946529	0.479053471	0.479053471	-0.282327927	0.291196521	

	0.004434297	0.405543026	2	0	0.998207054				
IMP3	ENSG00000177971.8	0.842337433	1	1	0.842337433				
	Brain_Frontal_Cortex_BA9	0.842337433			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.198904521	-0.198904521	-0.198904521	NA	1	0		
	0.998207054								
KCNK12	ENSG00000184261.4	0.842401712	1	1	0.842401712				
	Brain_Spinal_cord_cervical_c-1	0.842401712			Brain_Spinal_cord_cervical_c-1				
	1	1	0.19882235	0.19882235	0.19882235	NA	1	0	0.998207054
RFX5	ENSG00000143390.17	0.842419548	1	1	0.842419548				
	Brain_Hypothalamus	0.842419548			Brain_Hypothalamus	1	1	1	
	0.198799551	0.198799551	0.198799551	NA	1	0		0.998207054	
TBC1D32	ENSG00000146350.13	0.84245732	3	3	0.411763146				Brain_Cerebellum
	0.88051745	Brain_Putamen_basal_ganglia	1.731029364		0.289437574				
	0.289437574	-0.150313287	0.820794827		0.492207139			0.556487255	
	3	0	0.998207054						
MOB2	ENSG00000182208.13	0.842464449	2	2	0.630320539				
	Brain_Putamen_basal_ganglia	0.816688495			Brain_Cerebellum	1.197630159			
	0.802369841	0.802369841	0.231806259		0.481275737			0.356540998	
	0.17640156	2	0	0.998207054					
CCZ1B	ENSG00000146574.15	0.842560461	13	6	0.128304603				
	Brain_Spinal_cord_cervical_c-1	0.890792049			Brain_Hypothalamus				
	8.960738313	0.047342968	0.386055461		0.137302052			1.520821638	
	0.626323588	0.425406721	6	0	0.998207054				
MDS2	ENSG00000197880.8	0.842604361	2	2	0.559640963				
	Brain_Spinal_cord_cervical_c-1	0.746596803			Brain_Hippocampus			1.48369967	
	0.51630033	0.51630033	0.323129984		0.583374882			0.453252433	
	0.184020932	2	0	0.998207054					
LILRB5	ENSG00000105609.16	0.84279047	1	1	0.84279047				
	Brain_Anterior_cingulate_cortex_BA24	0.84279047							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.198325413				
	-0.198325413	-0.198325413	NA	1	0	0.998207054			
FAAH	ENSG00000117480.15	0.842828156	8	4	0.401274192				
	Brain_Putamen_basal_ganglia	0.972219503			Brain_Substantia_nigra				
	5.808873232	0.019102696	0.211298255		-0.839347755			0.434210741	
	-0.395170045	0.440069459	4	0	0.998207054				
KCNMB2	ENSG00000197584.11	0.842837212	1	1	0.842837212				
	Brain_Frontal_Cortex_BA9	0.842837212			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.198265667	-0.198265667	-0.198265667	NA	1	0		
	0.998207054								
RP11-74E22.6	ENSG00000272911.1	0.842904638	2	2	0.572698746				
	Brain_Substantia_nigra	0.591631876			Brain_Cerebellar_Hemisphere				
	1.780871549	0.219128451	0.219128451		0.536472732			0.564081385	
	0.550277058	0.019522266	2	0	0.998207054				
FAM160B1	ENSG00000151553.14	0.842998539	4	4	0.290499756				
	Brain_Cerebellar_Hemisphere	0.785399855			Brain_Frontal_Cortex_BA9				
	1.269307913	0.751720709	0.751720709		-1.057025925			0.418557935	
	-0.371759368	0.618038555	4	0	0.998207054				
EPB41L2	ENSG00000079819.18	0.84300649	5	3	0.447997977				
	Brain_Spinal_cord_cervical_c-1	0.959095149			Brain_Hippocampus				
	3.959506565	0.01020454	0.268056895		-0.758756925			0.051289106	
	-0.298501511	0.299972172	3	0	0.998207054				
PCF11	ENSG00000165494.11	0.843007676	1	1	0.843007676				
	Brain_Caudate_basal_ganglia	0.843007676			Brain_Caudate_basal_ganglia	1	1		
	1	0.198047786	0.198047786	0.198047786	NA	1	0		
	0.998207054								
NRROS	ENSG00000174004.5	0.843031902	3	3	0.588881954				Brain_Cerebellum
	0.719337643	Brain_Cerebellar_Hemisphere	1.24386727		0.79559373			0.79559373	
	-0.51099408	0.540456933	-0.109960435		0.568358592			3	0
	0.998207054								
RHBDD3	ENSG00000100263.13	0.843126815	6	5	0.2551139				
	Brain_Hypothalamus	0.941230811			Brain_Caudate_basal_ganglia	4.087798025			
	0.083052647	0.202559303	-1.138015765		0.739840987			-0.358216015	

	0.644658003	5	0	0.998207054				
KCNB2	ENSG00000182674.5		0.843149633	5	5	0.214614849		
	Brain_Nucleus_accumbens_basal_ganglia		0.976823979			Brain_Cortex		
	1.244331625	0.790413715	0.790413715			-1.240975366	0.059132195	
	-0.401439859	0.553164443	5	0	0.998207054			
SGPL1	ENSG00000166224.16		0.843244831	1	1	0.843244831		
	Brain_Anterior_cingulate_cortex_BA24		0.843244831					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.197744679			
	0.197744679	0.197744679	NA	1	0	0.998207054		
TP53TG1	ENSG00000182165.17		0.843411222	5	2	0.758411134		
	Brain_Cortex	0.946692362	Brain_Frontal_Cortex_BA9	4.442150096				
	1.66E-06	0.440557298	-0.307567919	0.225289231	0.068270498			
	0.219950481	2	0	0.998207054				
ST3GAL1	ENSG00000008513.14		0.84351893	3	3	0.504770438	Brain_Cerebellum	
	0.984393454	Brain_Cerebellar_Hemisphere	1.437444055	0.574987434				
	0.574987434	-0.557126343	0.667002655	0.043145821	0.6124052	3		
	0	0.998207054						
CYP4F3	ENSG00000186529.15		0.84356486	11	4	0.292634629		
	Brain_Hypothalamus	0.851664372	Brain_Hippocampus	7.846090382				
	6.62E-17	0.494113685	-0.443193174	1.05235953	0.529672387			
	0.386347294	4	0	0.998207054				
GAL3ST1	ENSG00000128242.12		0.843576886	2	2	0.572021843		
	Brain_Nucleus_accumbens_basal_ganglia	0.81566883	Brain_Cortex	1.16001982				
	0.83998018	0.83998018	-0.565076336	-0.233119221	-0.399097778			
	0.234729127	2	0	0.998207054				
RP11-328D5.4	ENSG00000284237.1		0.843641307	2	2	0.615976875		
	Brain_Spinal_cord_cervical_c-1	0.680582274	Brain_Caudate_basal_ganglia					
	1.245879431	0.754120569	0.754120569	-0.501560266	-0.411668693			
	-0.45661448	0.06356294	2	0	0.998207054			
AC068282.3	ENSG00000236682.1		0.843708624	13	1	0.566684097		
	Brain_Spinal_cord_cervical_c-1	0.930850029	Brain_Cerebellum	12.8124339				
	0.000466831	12.8124339	-0.139693244	0.572941806	0.195589736			
	0.165502438	1	0	0.998207054				
CTSV	ENSG00000136943.10		0.843718627	7	5	0.442950548		
	Brain_Spinal_cord_cervical_c-1	0.962420441	Brain_Putamen_basal_ganglia					
	4.832110138	0.016825992	0.207412684	-0.649461618	0.767220295			
	-0.104358927	0.456153084	5	0	0.998207054			
DHRS12	ENSG00000102796.10		0.843731246	6	6	0.205126907		
	Brain_Hypothalamus	0.880130385	Brain_Cerebellar_Hemisphere	3.513630186				
	0.176954878	0.176954878	-0.18051032	1.267079382	0.490763326			
	0.513969403	6	0	0.998207054				
SIPA1L1	ENSG00000197555.9		0.843833707	1	1	0.843833707		
	Brain_Caudate_basal_ganglia	0.843833707	Brain_Caudate_basal_ganglia	1	1			
	1	0.196992117	0.196992117	0.196992117	NA	1	0	
	0.998207054							
ENDOD1	ENSG00000149218.4		0.843917206	2	2	0.569174994		
	Brain_Nucleus_accumbens_basal_ganglia	0.605737775	Brain_Caudate_basal_ganglia					
	1.767180918	0.232819082	0.232819082	0.516167002	0.569266947			
	0.542716975	0.037547331	2	0	0.998207054			
HLA-DQB2	ENSG00000232629.8		0.843965317	13	7	0.227283735		
	Brain_Anterior_cingulate_cortex_BA24	0.853192086	Brain_Hippocampus					
	8.053462264	0.036880732	0.35387975	-1.207385453	0.381115352			
	-0.517982431	0.431797958	7	0	0.998207054			
LSP1	ENSG00000130592.15		0.843984152	3	2	0.650560049		
	Brain_Hypothalamus	0.945840146	Brain_Substantia_nigra	2.407647387				
	0.008393643	0.583958969	-0.452984297	0.067931522	-0.27619979			
	0.298063814	2	0	0.998207054				
PDE12	ENSG00000174840.8		0.843985777	1	1	0.843985777		
	Brain_Putamen_basal_ganglia	0.843985777	Brain_Putamen_basal_ganglia	1	1			
	1	0.196797795	0.196797795	0.196797795	NA	1	0	
	0.998207054							
RP11-582E3.6	ENSG00000275764.1		0.844000438	13	6	0.201657409		

	Brain_Amygdala	0.90824746	Brain_Spinal_cord_cervical_c-1	9.011877922				
	0.027142648	0.414485181	-1.27684377	-0.11524938	-0.644597222			
	0.339804832	6	0	0.998207054				
ARTN	ENSG00000117407.16	0.844100139	11	2	0.330063582	Brain_Amygdala		
	0.99658566	Brain_Putamen_basal_ganglia	9.815821596		0.003185492			
	0.372315982	-0.04078972	0.973985816		0.497072767	0.337192668		
	2	0	0.998207054					
PSMA7	ENSG00000101182.14	0.844166011	3	3	0.409045807			
	Brain_Cerebellar_Hemisphere	0.846444658			Brain_Frontal_Cortex_BA9			
	1.578510189	-0.43041688	0.43041688	-0.825573969	-0.193656751			
	-0.455551213	0.329543075	3	0	0.998207054			
PI4K2B	ENSG00000038210.12	0.844169456	3	2	0.577313499			
	Brain_Frontal_Cortex_BA9	0.782509729			Brain_Cerebellum	2.015505021		
	0.056252664	0.928242315	-0.557313141		-0.276049914	-0.381558777		
	0.153225564	2	0	0.998207054				
BEND6	ENSG00000151917.17	0.844185833	13	2	0.472859444			
	Brain_Putamen_basal_ganglia	0.906233676			Brain_Cerebellar_Hemisphere			
	11.81778442	0.000275447	0.770523349		0.117790476	0.717834329		
	0.454648285	0.192096107	2	0	0.998207054			
RIOK3	ENSG00000101782.14	0.844313414	2	2	0.565507132	Brain_Cerebellum		
	0.867400379	Brain_Spinal_cord_cervical_c-1	1.134338323		0.865661677			
	0.865661677	0.166961453	0.574680893		0.370821173	0.288301181		
	2	0	0.998207054					
MPI	ENSG00000178802.17	0.844665094	10	2	0.376184273			
	Brain_Caudate_basal_ganglia	0.888837149			Brain_Cortex	9.161189643		
	0.000548238	0.314146624	0.139775781		0.884948751	0.483617864		
	0.270490862	2	0	0.998207054				
ACTN4	ENSG00000130402.11	0.844668587	1	1	0.844668587	Brain_Cortex		
	0.844668587	Brain_Cortex	1	1	1	-0.195925361	-0.195925361	
	-0.195925361	NA	1	0	0.998207054			
CDH1	ENSG00000039068.18	0.844795999	5	3	0.307926292			
	Brain_Substantia_nigra	0.759282846			Brain_Nucleus_accumbens_basal_ganglia			
	4.304758578	0.028408419	0.19371641	0.306422675	1.019582956			
	0.621334208	0.282953757	3	0	0.998207054			
CLIC5	ENSG00000112782.15	0.844810556	2	2	0.596250039	Brain_Cortex		
	0.861420858	Brain_Frontal_Cortex_BA9	1.66489606	0.33510394	0.33510394			
	0.174565756	0.529800816	0.352183286		0.25118912	2	0	
	0.998207054							
PILRA	ENSG00000085514.15	0.844811544	13	1	0.709181415			
	Brain_Putamen_basal_ganglia	0.922306518			Brain_Hippocampus	12.83208881		
	2.74E-06	12.83208881	-0.3729557	-0.097528732	-0.194917835	0.07680471		
	1	0	0.998207054					
WDR54	ENSG00000005448.16	0.845131331	1	1	0.845131331			
	Brain_Substantia_nigra	0.845131331			Brain_Substantia_nigra	1	1	
	1	-0.195334192	-0.195334192	-0.195334192	NA	1	0	
	0.998207054							
HEXB	ENSG00000049860.13	0.845199065	7	4	0.356811353			
	Brain_Caudate_basal_ganglia	0.94653478	Brain_Cerebellar_Hemisphere	5.325377929				
	0.001972333	0.235183958	-0.148279491	0.921458011	0.310834512			
	0.394577857	4	0	0.998207054				
SNHG18	ENSG00000250786.1	0.845274609	13	6	0.196477168			
	Brain_Putamen_basal_ganglia	0.987634811			Brain_Substantia_nigra			
	7.997419376	0.050263274	0.365215623		-0.717297784	1.291653498		
	0.372165651	0.518020666	6	0	0.998207054			
MAP4K4	ENSG00000071054.16	0.845339117	2	2	0.580272113			
	Brain_Spinal_cord_cervical_c-1	0.850037254			Brain_Hippocampus			
	1.594718739	0.405281261	0.405281261		-0.552987291	-0.189070893		
	-0.371029092	0.257327753	2	0	0.998207054			
RP11-710E1.2	ENSG00000272856.1	0.845382111	5	5	0.320504857			
	Brain_Caudate_basal_ganglia	0.907222432			Brain_Putamen_basal_ganglia			
	1.971487386	0.184520654	0.184520654		-0.906129077	0.993420949		
	-0.029497518	0.736202213	5	0	0.998207054			

YPEL2	ENSG00000175155.8	0.845420128	4	4	0.32161004	
	Brain_Substantia_nigra	0.960267688			Brain_Caudate_basal_ganglia	
	1.754825903	0.288722641	0.288722641		-0.38936998	0.991154713
	0.090724833	0.628994946	4	0	0.998207054	
GCNT2	ENSG00000111846.16	0.845426289	1	1	0.845426289	
	Brain_Cerebellar_Hemisphere	0.845426289			Brain_Cerebellar_Hemisphere1	1
	1	0.19495741	0.19495741	NA	1	0.998207054
RPS6KL1	ENSG00000198208.11	0.845479151	3	3	0.38740795	Brain_Cortex
	0.597570325	Brain_Cerebellar_Hemisphere	2.599718057		0.1548921	0.1548921
	-0.864327605	-0.527897723	-0.64676874		0.18868157	3
	0.998207054				0	
STRA8	ENSG00000146857.3	0.845525298	2	2	0.567718012	
	Brain_Nucleus_accumbens_basal_ganglia	0.870952983			Brain_Caudate_basal_ganglia	
	1.118722481	0.881277519	0.881277519		-0.571415519	-0.162448116
	-0.366931817	0.289183624	2	0	0.998207054	
CCDC142	ENSG00000135637.13	0.845635544	2	2	0.580540328	
	Brain_Amygdala	0.881622677			Brain_Caudate_basal_ganglia	1.043516117
	0.956483883	0.956483883	-0.552595641		0.1489125	-0.20184157
	0.496041164	2	0		0.998207054	
TSPEAR	ENSG00000175894.14	0.845646168	3	3	0.553624936	
	Brain_Caudate_basal_ganglia	0.754026488			Brain_Nucleus_accumbens_basal_ganglia	
	1.074356413	0.92513487	0.92513487	-0.592337012	0.31333457	-0.281719878
	0.51549849	3	0		0.998207054	
PRLR	ENSG00000113494.16	0.84572315	4	4	0.452263547	
	Brain_Nucleus_accumbens_basal_ganglia	0.942507102			Brain_Frontal_Cortex_BA9	
	2.079010873	0.389270061	0.389270061		-0.751646708	0.232616736
	-0.075166067	0.455731206	4	0	0.998207054	
PLEKHA8	ENSG00000106086.18	0.845744692	2	1	0.825365156	
	Brain_Cerebellum	0.87006617	Brain_Cerebellar_Hemisphere	1.950175826		
	0.049824174	1.950175826	-0.220649756		-0.163574437	-0.192112096
	0.040358346	1	0		0.998207054	
C1QTNF6	ENSG00000133466.13	0.845763125	13	3	0.494965401	
	Brain_Hypothalamus	0.929033835			Brain_Cerebellum	11.43101697
	0.002981935	0.403442944	-0.434831743		0.682432674	0.185233895
	0.333100258	3	0		0.998207054	
CADM2	ENSG00000175161.13	0.845876146	9	7	0.301285842	
	Brain_Cerebellar_Hemisphere	0.921202383			Brain_Spinal_cord_cervical_c-1	
	5.020162855	0.020482518	0.202297606		-0.50924505	1.03367988
	0.377851379	0.485137635	7	0	0.998207054	
HHATL	ENSG0000010282.14	0.845951073	13	4	0.095930542	Brain_Amygdala
	0.774936575	Brain_Anterior_cingulate_cortex_BA24	10.14051207			
	0.001888918	0.490079802	-0.285923681		1.664910858	0.776679119
	0.456100243	4	0		0.998207054	
MRPL19	ENSG00000115364.13	0.845975765	12	2	0.452011446	
	Brain_Spinal_cord_cervical_c-1	0.897350123			Brain_Frontal_Cortex_BA9	
	11.02932478	2.30E-06	0.656135508		-0.752065873	0.566161909
	-0.302084357	0.310972241	2	0	0.998207054	
SYNM	ENSG00000182253.14	0.846031094	7	6	0.489180544	Brain_Cerebellum
	0.947984976	Brain_Amygdala	3.490892882		0.101752409	0.21844675
	-0.573681785	0.691612764	0.073175236		0.542829152	6
	0.998207054				0	
RP1-273N12.4	ENSG00000283010.1	0.846044842	1	1	0.846044842	
	Brain_Anterior_cingulate_cortex_BA24	0.846044842				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.194167357	
	-0.194167357	-0.194167357	NA	1	0	0.998207054
HUS1	ENSG00000136273.11	0.846227268	2	2	0.623525373	
	Brain_Hippocampus	0.771634662			Brain_Cortex	1.02968754
	0.97031246	-0.490860137	0.290237352		-0.100311392	0.97031246
	0	0.998207054			0.552319332	2
RP11-210M15.2	ENSG00000259495.2	0.846249612	13	2	0.336169346	
	Brain_Nucleus_accumbens_basal_ganglia	0.977693906			Brain_Cerebellum	
	11.38746305	4.36E-05	0.397039772		-0.96176165	0.7890042

	-0.03866305	0.402413294	2	0	0.998207054				
ZNF670	ENSG00000277462.1	0.846287138	9	6	0.337542326				
	Brain_Putamen_basal_ganglia	0.999783733			Brain_Cerebellar_Hemisphere				
	5.687920622	0.056375016	0.201141286		-0.342584183	0.959032593			
	0.314737095	0.429630329	6	0	0.998207054				
DMPK	ENSG00000104936.17	0.846360228	3	3	0.380471162				
	Brain_Anterior_cingulate_cortex_BA24	0.809600983			Brain_Cerebellum				
	2.272898784	0.149744422	0.149744422		-0.877028493	-0.240940822			
	-0.57611863	0.319425422	3	0	0.998207054				
RP11-263K4.3	ENSG00000257431.1	0.846379926	13	3	0.535281124				
	Brain_Anterior_cingulate_cortex_BA24	0.987916191			Brain_Cerebellar_Hemisphere				
	10.78809407	0.017630594	0.364522411		-0.619964553	0.319461484			
	-0.110551617	0.324607174	3	0	0.998207054				
TMEM131	ENSG00000075568.16	0.846401643	1	1	0.846401643				
	Brain_Cerebellar_Hemisphere	0.846401643			Brain_Cerebellar_Hemisphere1	1	1		
	1	0.193711683	0.193711683	0.193711683	NA	1	0		
	0.998207054								
KCTD16	ENSG00000183775.10	0.846472572	1	1	0.846472572				
	Brain_Hypothalamus	0.846472572			Brain_Hypothalamus	1	1	1	
	0.193621105	0.193621105	0.193621105	NA	1	0	0.998207054		
ATP5A1	ENSG00000152234.15	0.846553496	1	1	0.846553496				
	Brain_Substantia_nigra	0.846553496			Brain_Substantia_nigra	1	1		
	1	-0.193517763	-0.193517763	-0.193517763	NA	1	0		
	0.998207054								
POU2AF1	ENSG00000110777.11	0.846577164	2	2	0.668847075				
	Brain_Anterior_cingulate_cortex_BA24	0.726470451							
	Brain_Nucleus_accumbens_basal_ganglia	1.08481195	0.91518805	0.91518805					
	-0.427730866	-0.349824447	-0.388777656	0.055088157	2	0			
	0.998207054								
PSPH	ENSG00000146733.13	0.84659567	13	1	0.578889323	Brain_Hypothalamus			
	0.99635211	Brain_Putamen_basal_ganglia	12.07151787		0.000969203				
	12.07151787	-0.555007803	0.500404624		-0.188457702	0.304240178			
	1	0	0.998207054						
CTB-35F21.1	ENSG00000249526.1	0.84671501	1	1	0.84671501				
	Brain_Hippocampus	0.84671501			Brain_Hippocampus	1	1	1	
	-0.193311513	-0.193311513	-0.193311513	NA	1	0	0.998207054		
HNRNPH1	ENSG00000169045.17	0.846767659	4	4	0.43781009				
	Brain_Anterior_cingulate_cortex_BA24	0.929802853			Brain_Cerebellum				
	2.047447646	0.299913346	0.299913346		-0.453092533	0.775896515			
	0.023295867	0.551917753	4	0	0.998207054				
NARFL	ENSG00000103245.13	0.846829195	12	2	0.448404594				
	Brain_Anterior_cingulate_cortex_BA24	0.9110829			Brain_Substantia_nigra				
	10.56034407	7.59E-05	0.611948093		-0.111672733	0.758077491			
	0.309581635	0.212009656	2	0	0.998207054				
ANKS1A	ENSG00000064999.13	0.846847377	5	3	0.548437745				
	Brain_Amygdala	0.976785809			Brain_Nucleus_accumbens_basal_ganglia				
	4.476306506	0.035221673	0.16114699	0.02909878	0.600102773				
	0.375363367	0.223384234	3	0	0.998207054				
PCMTD2	ENSG00000203880.11	0.846925303	11	7	0.211595329				
	Brain_Caudate_basal_ganglia	0.927461206			Brain_Frontal_Cortex_BA9				
	5.696322715	0.017246169	0.346057231		-0.155675244	1.249190711			
	0.661604185	0.409296694	7	0	0.998207054				
SH3BP5L	ENSG00000175137.10	0.847191156	6	6	0.285131015				
	Brain_Cortex	0.981922297			Brain_Anterior_cingulate_cortex_BA24				
	2.244564566	0.153180648	0.153180648		-1.068863869	0.02265898			
	-0.602772379	0.408418608	6	0	0.998207054				
LINC01535	ENSG00000226686.7	0.847215071	13	1	0.61983879				
	Brain_Caudate_basal_ganglia	0.970925691			Brain_Spinal_cord_cervical_c-1				
	12.70755285	0.000100163	12.70755285		-0.043898457	0.496078837			
	0.191036565	0.1404125	1	0	0.998207054				
TTC6	ENSG00000139865.16	0.847223273	1	1	0.847223273				
	Brain_Hippocampus	0.847223273			Brain_Hippocampus	1	1	1	

	0.192662526	0.192662526	0.192662526	NA	1	0	0.998207054
ST6GALNAC6	ENSG00000160408.14	0.847226624	2	2			0.574283018
	Brain_Nucleus_accumbens_basal_ganglia	0.839510884					Brain_Putamen_basal_ganglia
	1.137438432	0.862561568	0.862561568	-0.202519156			0.561754909
	0.179617876	0.540423374	2	0	0.998207054		
CLCC1	ENSG00000121940.15	0.847342233	3	3			0.425633407
	Brain_Anterior_cingulate_cortex_BA24	0.591696983					
	Brain_Nucleus_accumbens_basal_ganglia	1.953855278					0.168480922
	0.168480922	-0.796686016	-0.536378506	-0.640339458			0.137833917
	3	0	0.998207054				
DHRS7	ENSG00000100612.13	0.84745416	9	4	0.576777137		Brain_Amygdala
	0.979725666	Brain_Cerebellar_Hemisphere	7.370681265				0.000471529
	0.371177822	-0.379049952	0.558098482	0.041951			0.263245044
	0	0.998207054					4
SLC25A4	ENSG00000151729.10	0.847504271	1	1	0.847504271		
	Brain_Cerebellum	0.847504271	Brain_Cerebellum	1	1	1	0.192303763
	0.192303763	0.192303763	NA	1	0	0.998207054	
RGP1	ENSG00000107185.9	0.847508835	1	1	0.847508835		
	Brain_Hippocampus	0.847508835	Brain_Hippocampus	1	1	1	
	0.192297937	0.192297937	0.192297937	NA	1	0	0.998207054
RP11-890B15.2	ENSG00000254842.6	0.847527657	2	2			0.571539862
	Brain_Frontal_Cortex_BA9	0.918967402	Brain_Cerebellum	1.003448272			
	0.996551728	0.996551728	0.101734519	0.565785121			0.33375982
	0.328133328	2	0	0.998207054			
CAD	ENSG00000084774.13	0.847571226	3	3	0.426680036		
	Brain_Hypothalamus	0.705347051	Brain_Nucleus_accumbens_basal_ganglia				
	2.292354146	0.198194462	0.198194462	0.378112462			0.794885627
	0.51870149	0.239195512	3	0	0.998207054		
SLC7A4	ENSG00000099960.12	0.847623016	2	2	0.673386065		
	Brain_Cortex	0.704189732	Brain_Hypothalamus	1.026819365			
	0.973180635	0.973180635	-0.421505405	-0.37967089			-0.400588147
	0.029581469	2	0	0.998207054			
DAP3	ENSG00000132676.15	0.84767524	1	1	0.84767524		Brain_Cerebellar_Hemisphere
	0.84767524	Brain_Cerebellar_Hemisphere	1	1	1		-0.192085491
	-0.192085491	-0.192085491	NA	1	0	0.998207054	
GLS	ENSG00000115419.12	0.847874579	2	2	0.627870059		
	Brain_Hypothalamus	0.816985884	Brain_Cerebellum	1.151386423			
	0.848613577	0.848613577	-0.231423405	0.484726933			0.126651764
	0.50639476	2	0	0.998207054			
CCDC115	ENSG00000136710.9	0.847995608	2	2	0.586127481		
	Brain_Cortex	0.905143407	Brain_Nucleus_accumbens_basal_ganglia				
	1.507738058	0.492261942	0.492261942	-0.544456346			-0.11916655
	-0.331811448	0.300725299	2	0	0.998207054		
CH17-360D5.1	ENSG00000264717.5	0.848004462	2	2	0.599626293		
	Brain_Cerebellar_Hemisphere	0.764389669	Brain_Cerebellum	1.131398418			
	0.868601582	0.868601582	-0.524937998	-0.299721407			-0.412329703
	0.159252179	2	0	0.998207054			
FAM234B	ENSG00000084444.13	0.848178388	3	3	0.405557395		
	Brain_Frontal_Cortex_BA9	0.733587289	Brain_Cortex	1.886842251			
	0.358960632	0.358960632	-0.831737029	-0.340357541			-0.581353141
	0.245824237	3	0	0.998207054			
RP11-109A6.5	ENSG00000283141.1	0.848181961	5	5	0.26772276		
	Brain_Cortex	0.767812483	Brain_Amygdala	1.634574248			0.471964142
	0.471964142	-1.10832204	0.295237466	-0.503702762			0.515083178
	5	0	0.998207054				
PCP4L1	ENSG00000248485.1	0.84819443	1	1	0.84819443		
	Brain_Putamen_basal_ganglia	0.84819443	Brain_Putamen_basal_ganglia	1	1	1	
	-0.191422709	-0.191422709	-0.191422709	NA	1	0	0.998207054
GLRX3	ENSG00000108010.11	0.84820216	3	3	0.421476353		
	Brain_Nucleus_accumbens_basal_ganglia	0.956945699	Brain_Cerebellar_Hemisphere				
	1.601734613	0.571562217	0.571562217	0.053986778			0.803862563
	0.427305345	0.374948383	3	0	0.998207054		

AREL1	ENSG00000119682.16	0.848245592	6	4	0.335268659			
	Brain_Hypothalamus	0.938916954			Brain_Frontal_Cortex_BA9	3.982167428		
	0.055405769	0.24618169	-0.963555833		0.429394417	0.041797026		
	0.509939494	4	0	0.998207054				
ANAPC16	ENSG00000166295.8	0.848273127	1	1	0.848273127			
	Brain_Cortex	0.848273127			Brain_Cortex	1	1	-0.191322254
	-0.191322254	-0.191322254	NA	1	0	0.998207054		
C17orf105	ENSG00000231256.7	0.848284066	2	2	0.569452775			
	Brain_Cerebellar_Hemisphere	0.694728201			Brain_Cerebellum	1.772521804		
	0.227478196	0.227478196	0.39244668		0.568857609	0.480652145		
	0.124741364	2	0	0.998207054				
C14orf79	ENSG00000140104.13	0.848373123	9	7	0.131934232			
	Brain_Cerebellar_Hemisphere	0.984784138			Brain_Anterior_cingulate_cortex_BA24			
	4.030458464	0.022999018	0.193779732		-1.506518068	0.079467504		
	-0.531978182	0.593610491	7	0	0.998207054			
ULK4	ENSG00000168038.10	0.84839524	13	1	0.541643291			Brain_Hypothalamus
	0.933627159	Brain_Cortex	12.49710552		0.000137695	12.49710552		
	-0.610329905	0.291597951	-0.188421188		0.275133761	1	0	
	0.998207054							
SLC8A2	ENSG00000118160.13	0.848500052	1	1	0.848500052			
	Brain_Cortex	0.848500052			Brain_Cortex	1	1	-0.1910326
	-0.1910326	-0.1910326	NA	1	0	0.998207054		
RP1-137D17.1	ENSG00000226194.5	0.848510173	10	5	0.393218135			
	Brain_Hippocampus	0.877112194			Brain_Caudate_basal_ganglia	6.685677921		
	0.01635716	0.234203742	-0.853795812		0.528537756	-0.184094251		
	0.471803102	5	0	0.998207054				
NOV	ENSG00000136999.4	0.848638958	2	1	0.790830401			
	Brain_Cerebellar_Hemisphere	0.909149201			Brain_Cerebellum	1.975278977		
	0.024721023	1.975278977	-0.265232447		-0.114111759	-0.189672103		
	0.106858463	1	0	0.998207054				
CTF1	ENSG00000150281.6	0.848666593	1	1	0.848666593			
	Brain_Hypothalamus	0.848666593			Brain_Hypothalamus	1	1	1
	0.190820033	0.190820033	0.190820033		NA	1	0	0.998207054
RBMS2	ENSG00000076067.12	0.848736454	2	2	0.827711373			Brain_Cerebellum
	0.930704751	Brain_Cerebellar_Hemisphere	1.856563597		0.143436403			
	0.143436403	-0.217637745	0.086958184		-0.06533978	0.215381847		
	2	0	0.998207054					
DCHS1	ENSG00000166341.7	0.84896827	7	7	0.177927046			
	Brain_Nucleus_accumbens_basal_ganglia	0.996145707			Brain_Putamen_basal_ganglia			
	2.121919556	0.263771541	0.263771541		-1.34716516	1.098297281		
	-0.070237572	0.719265406	7	0	0.998207054			
B3GNT7	ENSG00000156966.6	0.848968434	1	1	0.848968434			
	Brain_Hypothalamus	0.848968434			Brain_Hypothalamus	1	1	1
	-0.190434796	-0.190434796	-0.190434796		NA	1	0	0.998207054
MRPL55	ENSG00000162910.18	0.849076722	6	3	0.396689166			
	Brain_Spinal_cord_cervical_c-1	0.705540814			Brain_Cortex	4.823287843		
	0.013080396	0.191802413	-0.847549039		-0.377851633	-0.57112962		
	0.203261855	3	0	0.998207054				
C1orf228	ENSG00000198520.10	0.849122051	8	3	0.449718924			
	Brain_Anterior_cingulate_cortex_BA24	0.995625037			Brain_Hippocampus			
	6.74436078	0.025393661	0.350902353		-0.755883705	0.443920014		
	-0.151627718	0.391670094	3	0	0.998207054			
RALY-AS1	ENSG00000228265.5	0.849231138	2	2	0.625407006			
	Brain_Cerebellum	0.828811377			Brain_Frontal_Cortex_BA9	1.15875026	0.84124974	
	0.84124974	-0.488201665	0.216226271		-0.135987697	0.49810577	2	0
	0.998207054							
COMMD2	ENSG00000114744.8	0.849248513	13	4	0.257398153			
	Brain_Cerebellum	0.914900164			Brain_Spinal_cord_cervical_c-1	10.32554716		
	0.000913313	0.548037504	-1.132562193		0.106859852	-0.889772787		
	0.324436989	4	0	0.998207054				
NMT1	ENSG00000136448.11	0.849447627	10	6	0.062347767			
	Brain_Nucleus_accumbens_basal_ganglia	0.703878799			Brain_Frontal_Cortex_BA9			

	6.343442785	0.026443487	0.235535406	0.380089744	1.863814438
	1.002295415	0.445483684	6 0	0.998207054	
RP11-286N22.8	ENSG00000256591.5		0.849512819	1 1	0.849512819
	Brain_Cerebellum	0.849512819	Brain_Cerebellum	1 1	0.189740071
	0.189740071	0.189740071	NA 1	0	0.998207054
PAPLN	ENSG00000100767.15	0.849523466	2 2	0.624928467	
	Brain_Anterior_cingulate_cortex_BA24	0.721975316		Brain_Cerebellum	
	1.128990695	0.871009305	0.871009305	-0.488877442	0.355820073
	-0.066528684	0.597291341	2 0	0.998207054	
SLCO4C1	ENSG00000173930.8	0.849574594	2 2	0.652685635	
	Brain_Cortex	0.864397146	Brain_Frontal_Cortex_BA9	1.823033419	
	0.176966581	0.176966581	0.170779504	0.450034402	0.310406953
	0.197463032	2 0	0.998207054		
KIAA0753	ENSG00000198920.9	0.849600312	2 2	0.587402872	
	Brain_Cerebellum	0.762852661	Brain_Cerebellar_Hemisphere	1.766403205	
	0.233596795	0.233596795	-0.542603437	-0.301736868	-0.422170152
	0.170318384	2 0	0.998207054		
RPL37	ENSG00000145592.13	0.849654592	2 2	0.756900569	
	Brain_Hippocampus	0.78312314	Brain_Substantia_nigra	1.474581702	
	0.525418298	0.525418298	-0.275251348	0.309553438	0.017151045
	0.41351943	2 0	0.998207054		
KIR3DX1	ENSG00000104970.10	0.849669062	3 3	0.479372432	
	Brain_Nucleus_accumbens_basal_ganglia	0.6759138	Brain_Hippocampus		
	1.142759579	0.841603673	0.841603673	-0.707312286	0.41804557
	-0.248371031	0.590670881	3 0	0.998207054	
RPS12	ENSG00000112306.7	0.849721876	5 5	0.26874395	
	Brain_Substantia_nigra	0.830661381	Brain_Nucleus_accumbens_basal_ganglia		
	2.647804493	0.338035756	0.338035756	-1.10595973	-0.2138534
	-0.680246242	0.347887063	5 0	0.998207054	
RP11-317N8.3	ENSG00000257272.1	0.84987858	1 1	0.84987858	
	Brain_Putamen_basal_ganglia	0.84987858	Brain_Putamen_basal_ganglia	1 1	1
	-0.189273352	-0.189273352	-0.189273352	NA 1	0
				0.998207054	
AK6	ENSG00000085231.13	0.850047165	1 1	0.850047165	
	Brain_Hypothalamus	0.850047165	Brain_Hypothalamus	1 1	1
	0.189058248	0.189058248	0.189058248	NA 1	0
				0.998207054	
ABCF1	ENSG00000204574.12	0.85005204	1 1	0.85005204	Brain_Substantia_nigra
	0.85005204	Brain_Substantia_nigra	1 1	1	0.189052027
	0.189052027	0.189052027	NA 1	0	0.998207054
GOLT1A	ENSG00000174567.7	0.850360718	3 3	0.480152771	
	Brain_Putamen_basal_ganglia	0.626344786	Brain_Cortex	1.813233753	
	0.195533699	0.195533699	-0.706056872	0.486878007	-0.287875006
	0.671662597	3 0	0.998207054		
LRRC8A	ENSG00000136802.11	0.850411228	3 2	0.867592496	
	Brain_Caudate_basal_ganglia	0.932832935	Brain_Cerebellum	2.8703643	1.59E-08
	0.129635684	-0.084460148	0.166717296	-0.000674652	0.144965707
	2 0	0.998207054			
KCP	ENSG00000135253.13	0.850436118	2 2	0.65344431	Brain_Cerebellum
	0.746247295	Brain_Cerebellar_Hemisphere	1.057304645	0.942695355	
	0.942695355	-0.44898246	0.323591538	-0.062695461	0.546292313
	2 0	0.998207054			
CBLL1	ENSG00000105879.11	0.850465798	1 1	0.850465798	
	Brain_Anterior_cingulate_cortex_BA24	0.850465798			
	Brain_Anterior_cingulate_cortex_BA24	1 1	1	-0.188524135	
	-0.188524135	-0.188524135	NA 1	0	0.998207054
SMIM6	ENSG00000259120.2	0.850555413	1 1	0.850555413	
	Brain_Frontal_Cortex_BA9	0.850555413	Brain_Frontal_Cortex_BA9	1 1	1
	1 -0.188409806	-0.188409806	-0.188409806	NA 1	0
	0.998207054				
OLIG1	ENSG00000184221.12	0.850614032	2 2	0.570794961	
	Brain_Frontal_Cortex_BA9	0.988099971	Brain_Hippocampus	1.057032002	
	0.942967998	0.942967998	0.014915027	0.566881107	0.290898067
	0.390298958	2 0	0.998207054		

RP11-247C2.2	ENSG00000248540.2	0.850660367	1	1	0.850660367			
Brain_Cortex	0.850660367	Brain_Cortex	1	1	1	0.188275913		
0.188275913	0.188275913	NA	1	0	0.998207054			
LINC02026	ENSG00000214146.2	0.850702874	1	1	0.850702874			
Brain_Amygdala	0.850702874	Brain_Amygdala	1	1	1	-0.188221686		
-0.188221686	-0.188221686	NA	1	0	0.998207054			
AC005082.12	ENSG00000226816.2	0.850710808	8	2	0.424692917			
Brain_Caudate_basal_ganglia	0.889395396	Brain_Putamen_basal_ganglia						
6.666526517	0.005331188	0.762675377			-0.798306035	-0.139069289		
-0.428713338	0.208729092	2	0	0.998207054				
MICU2	ENSG00000165487.13	0.850724356	1	1	0.850724356			
Brain_Cerebellar_Hemisphere	0.850724356	Brain_Cerebellar_Hemisphere1						1
1	-0.188194281	-0.188194281	-0.188194281	NA	1	0		
0.998207054								
KCNAB2	ENSG00000069424.14	0.8507502	3	3	0.53511416	Brain_Cerebellum		
0.826789343	Brain_Cerebellar_Hemisphere1	0.078351529			0.935899847			
0.935899847	-0.620218171	0.592825763			0.063809593	0.621200726		
3	0	0.998207054						
FAM46B	ENSG00000158246.7	0.850761575	1	1	0.850761575			
Brain_Amygdala	0.850761575	Brain_Amygdala	1	1	1	-0.1881468		
-0.1881468	-0.1881468	NA	1	0	0.998207054			
MCOLN3	ENSG00000055732.12	0.850848337	8	3	0.594331071			
Brain_Frontal_Cortex_BA9	0.975884584	Brain_Cortex			6.606586919			
0.007835494	0.439494608	-0.532570293			0.529476519	0.073527189		
0.341876481	3	0	0.998207054					
LINC01963	ENSG00000260804.3	0.850857016	13	3	0.353360787			
Brain_Substantia_nigra	0.990271923	Brain_Cortex			11.48262553			
2.14E-16	0.537199616	-0.928090192			0.012192638	-0.400908724		
0.232100655	3	0	0.998207054					
RP11-644K8.1	ENSG00000223734.2	0.850869691	1	1	0.850869691			
Brain_Nucleus_accumbens_basal_ganglia	0.850869691							
Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.188008879				
0.188008879	0.188008879	NA	1	0	0.998207054			
RP11-219G17.9	ENSG00000283914.1	0.850994849	1	1	0.850994849			
Brain_Spinal_cord_cervical_c-1	0.850994849	Brain_Spinal_cord_cervical_c-1						
1	1	1	0.187849222	0.187849222	0.187849222	NA	1	0
0.998207054								
OXTR	ENSG00000180914.10	0.851111195	10	10	0.103882467			
Brain_Nucleus_accumbens_basal_ganglia	0.954517585							
Brain_Spinal_cord_cervical_c-1	2.159332316	0.233210589			0.233210589			
-1.62631592	1.02950225	0.02711704	0.824794744	10	0	0.998207054		
IGFBP4	ENSG00000141753.6	0.851242472	2	2	0.573000515			
Brain_Putamen_basal_ganglia	0.908595618	Brain_Cerebellum			1.086062968			
0.913937032	0.913937032	-0.563638007			-0.114810132	-0.33922407		
0.317369234	2	0	0.998207054					
KCNE3	ENSG00000175538.10	0.851327746	4	4	0.519661915	Brain_Cortex		
0.882736399	Brain_Nucleus_accumbens_basal_ganglia	1.791020288						
0.277753404	0.277753404	-0.643866641			0.400342109	0.068237946		
0.487890564	4	0	0.998207054					
AGAP4	ENSG00000188234.13	0.851332716	13	11	0.139905124			
Brain_Nucleus_accumbens_basal_ganglia	0.851177785	Brain_Frontal_Cortex_BA9						
3.536983874	0.074187132	0.142881883			-1.212988645	1.47614443		
0.096857097	0.852452346	11	0	0.998207054				
SLIT2	ENSG00000145147.19	0.851356438	3	3	0.377254845			
Brain_Cerebellar_Hemisphere	0.961022767	Brain_Cortex			1.622923707			
0.404890688	0.404890688	-0.882965625			0.048870163	-0.457390613		
0.471128569	3	0	0.998207054					
TMCO6	ENSG00000113119.12	0.851414745	6	3	0.395651851			
Brain_Spinal_cord_cervical_c-1	0.818999236	Brain_Cerebellum			4.614958167			
0.008295116	0.296937637	0.228832333			0.849412408	0.439182324		
0.230206334	3	0	0.998207054					
RP11-147L13.8	ENSG00000267731.1	0.851422004	10	4	0.295351493			

	Brain_Anterior_cingulate_cortex_BA24	0.889621566		Brain_Amygdala		
	7.195353603	0.012748137	0.378454306	-0.138783079	1.046453954	
	0.63698426	0.391625128	4	0	0.998207054	
MAP10	ENSG00000212916.4	0.851479406	1	1	0.851479406	
	Brain_Hippocampus	0.851479406	Brain_Hippocampus	1	1	1
	0.187231145	0.187231145	0.187231145	NA	1	0
						0.998207054
LMAN1L	ENSG00000140506.16	0.851513484	1	1	0.851513484	
	Brain_Caudate_basal_ganglia	0.851513484	Brain_Caudate_basal_ganglia	1	1	1
	1	0.18718768	0.18718768	NA	1	0
						0.998207054
ZNF681	ENSG00000196172.9	0.851533124	11	8	0.051594291	
	Brain_Cerebellar_Hemisphere	0.951172879	Brain_Hippocampus	5.440662629		
	0.035412944	0.198585232	-1.946503471	-0.061233966	-0.767225989	
	0.577587713	8	0	0.998207054		
ZFAND1	ENSG00000104231.10	0.851555536	11	9	0.150323874	
	Brain_Frontal_Cortex_BA9	0.977255562	Brain_Anterior_cingulate_cortex_BA24			
	6.287195673	0.011830511	0.209830305	-0.237966594	1.438388427	
	0.610817775	0.513682199	9	0	0.998207054	
SLC2A1-AS1	ENSG00000227533.5	0.851626456	13	3	0.541845428	
	Brain_Amygdala	0.938908322	Brain_Cerebellum	10.95009665	0.005290589	
	0.426247616	-0.272547215	0.610024727	0.123019064	0.290185395	
	3	0	0.998207054			
ARHGAP45	ENSG00000180448.10	0.851719128	2	2	0.580298506	
	Brain_Cerebellum	0.690372426	Brain_Cerebellar_Hemisphere	1.84116234	0.15883766	
	0.15883766	-0.552948747	-0.398349706	-0.475649227	0.109318031	2
	0	0.998207054				
FCHSD2	ENSG00000137478.14	0.851858608	1	1	0.851858608	
	Brain_Cerebellum	0.851858608	Brain_Cerebellum	1	1	1
	0.186747505	0.186747505	NA	1	0	0.998207054
PALLD	ENSG00000129116.17	0.851893777	3	3	0.515905731	Brain_Cerebellum
	0.98668609	Brain_Anterior_cingulate_cortex_BA24	1.812228157	0.192759107		
	0.192759107	-0.649669498	0.016687286	-0.267528169	0.343802194	
	3	0	0.998207054			
CETP	ENSG00000087237.10	0.851898131	1	1	0.851898131	
	Brain_Caudate_basal_ganglia	0.851898131	Brain_Caudate_basal_ganglia	1	1	
	1	0.186697099	0.186697099	0.186697099	NA	1
						0
						0.998207054
RP5-902P8.12	ENSG00000260179.1	0.851921477	4	4	0.478569708	
	Brain_Caudate_basal_ganglia	0.84909338	Brain_Putamen_basal_ganglia	2.721577722		
	0.192523192	0.192523192	-0.708604878	0.306501089	-0.241435933	
	0.423676128	4	0	0.998207054		
LINC02070	ENSG00000241328.1	0.852001549	3	2	0.450122888	
	Brain_Cerebellar_Hemisphere	0.991435666	Brain_Hippocampus	2.058091431		
	0.024062505	0.917846064	-0.010734007	0.75521017	0.362052686	
	0.383378204	2	0	0.998207054		
DKK1	ENSG00000107984.9	0.852021116	4	4	0.575523833	
	Brain_Putamen_basal_ganglia	0.805289121	Brain_Anterior_cingulate_cortex_BA24			
	1.630735435	0.514602384	0.514602384	-0.559934914	0.364628642	
	-0.232336685	0.419926177	4	0	0.998207054	
PAK2	ENSG00000180370.10	0.852071399	1	1	0.852071399	
	Brain_Frontal_Cortex_BA9	0.852071399	Brain_Frontal_Cortex_BA9	1	1	
	1	0.186476126	0.186476126	0.186476126	NA	1
						0
						0.998207054
CPO	ENSG00000144410.4	0.852134382	1	1	0.852134382	
	Brain_Frontal_Cortex_BA9	0.852134382	Brain_Frontal_Cortex_BA9	1	1	
	1	-0.186395805	-0.186395805	-0.186395805	NA	1
						0
						0.998207054
IFIT5	ENSG00000152778.8	0.852254701	11	3	0.402989205	Brain_Amygdala
	0.908624566	Brain_Putamen_basal_ganglia	9.304882509	0.004961739		
	0.34187188	-0.836294574	-0.114773611	-0.45396346	0.263396174	3
	0	0.998207054				
NBPF10	ENSG00000271425.7	0.852341751	9	6	0.199691293	
	Brain_Caudate_basal_ganglia	0.953386606	Brain_Hippocampus	3.787994709		

	0.003723985	0.127753193	-0.599323999	1.282431578	0.466564404
	0.720778349	6 0	0.998207054		
LRRN1	ENSG00000175928.5	0.852377764	2 2	0.64102794	Brain_Cerebellum
	0.750440041	Brain_Substantia_nigra	1.00298766	0.99701234	0.99701234
	-0.46626205	-0.318059187	-0.392160618	0.104795249	2 0
	0.998207054				
SMOC2	ENSG00000112562.18	0.852469895	10 7	0.220378423	
	Brain_Substantia_nigra	0.998787517	Brain_Frontal_Cortex_BA9		
	5.883392935	0.001050117	0.383826348	-1.225522486	0.791894366
	-0.038770309	0.586173295	7 0	0.998207054	
RNU6ATAC35P	ENSG00000221571.3	0.852488302	2 2	0.572187	
	Brain_Nucleus_accumbens_basal_ganglia	0.710063363	Brain_Putamen_basal_ganglia		
	1.641301317	0.358698683	0.358698683	-0.564833528	-0.371770992
	-0.46830226	0.136515828	2 0	0.998207054	
PI4K2A	ENSG00000155252.13	0.85261498	5 4	0.350355894	Brain_Cerebellum
	0.934002495	Brain_Cerebellar_Hemisphere	2.048703282	0.006157399	
	0.889587207	-0.933899194	0.400982905	-0.31202897	0.50569965 4
	0 0.998207054				
GNAZ	ENSG00000128266.8	0.852742296	11 4	0.200621663	
	Brain_Anterior_cingulate_cortex_BA24	0.988972861	Brain_Caudate_basal_ganglia		
	8.115277482	0.037580261	0.472513833	-1.279782435	-0.013820909
	-0.700904934	0.400820375	4 0	0.998207054	
SCD5	ENSG00000145284.11	0.852796366	5 5	0.173905273	
	Brain_Putamen_basal_ganglia	0.90921175	Brain_Cortex	2.163912426	0.1987565
	0.1987565	-1.35976193	0.114032853	-0.446891245	0.56098107 5 0
	0.998207054				
2-Mar	ENSG00000117791.15	0.852886276	6 5	0.508483976	Brain_Cortex
	0.920595102	Brain_Nucleus_accumbens_basal_ganglia	3.437571867		
	0.066162594	0.213177381	-0.356441184	0.661200133	0.24998585
	0.406410803	5 0	0.998207054		
SSTR2	ENSG00000180616.8	0.852904296	5 5	0.428778699	
	Brain_Cerebellar_Hemisphere	0.970280958	Brain_Spinal_cord_cervical_c-1		
	1.358312821	0.752915979	0.752915979	-0.775437447	0.791283287
	0.070810479	0.634679132	5 0	0.998207054	
PKDREJ	ENSG00000130943.6	0.852990677	11 5	0.371127145	
	Brain_Caudate_basal_ganglia	0.857055503	Brain_Frontal_Cortex_BA9		
	7.769050303	2.41E-17	0.270819772	-0.894364041	-0.180123641
	-0.50576508	0.23249759	5 0	0.998207054	
COMMD4	ENSG00000140365.15	0.853053749	4 3	0.290727359	
	Brain_Anterior_cingulate_cortex_BA24	0.915239392			
	Brain_Nucleus_accumbens_basal_ganglia	2.870275404	0.071152045		
	0.368390563	-0.106432269	1.056527335	0.432497751	0.477340526
	3 0	0.998207054			
DEPDC5	ENSG00000100150.16	0.853076365	3 3	0.410627194	
	Brain_Cerebellar_Hemisphere	0.607615372	Brain_Cortex	2.182293489	
	0.210849812	0.210849812	0.513480323	0.822790406	0.648940186
	0.158188326	3 0	0.998207054		
C9orf69	ENSG00000238227.7	0.853097715	1 1	0.853097715	
	Brain_Cerebellar_Hemisphere	0.853097715	Brain_Cerebellar_Hemisphere	1 1	
	1 0.185167429	0.185167429	0.185167429	NA 1 0	
	0.998207054				
TK2	ENSG00000166548.15	0.853219359	3 3	0.701684324	
	Brain_Caudate_basal_ganglia	0.950829179	Brain_Cerebellum	2.251590528	
	0.130505251	0.130505251	-0.383047798	0.061665544	-0.139689454
	0.22531245 3 0	0.998207054			
LINC00467	ENSG00000153363.12	0.853299586	5 4	0.470435756	
	Brain_Hippocampus	0.976085416	Brain_Spinal_cord_cervical_c-1		
	3.098017059	0.032411687	0.151311105	0.029976975	0.721770228
	0.381465062	0.291529038	4 0	0.998207054	
MURC	ENSG00000170681.6	0.853539784	3 3	0.432683951	Brain_Cerebellum
	0.677994225	Brain_Caudate_basal_ganglia	1.618282956	0.537973578	
	0.537973578	-0.784607125	-0.41520174	-0.57597676	0.189295232

3	0	0.998207054					
ATXN7L3	ENSG00000087152.15	0.853555585	1	1	0.853555585		
	Brain_Amygdala	0.853555585	Brain_Amygdala	1	1	1	-0.184583684
	-0.184583684	-0.184583684	NA	1	0	0.998207054	
ZNF320	ENSG00000182986.12	0.853577252	11	11	0.068482983		
	Brain_Cerebellar_Hemisphere	0.987727571	Brain_Putamen_basal_ganglia				
	1.982544842	0.44793488	0.44793488	-1.821815511	0.62526069	-0.144137715	
	0.772234966	11	0	0.998207054			
LINC01410	ENSG00000238113.6	0.853580181	1	1	0.853580181		
	Brain_Substantia_nigra	0.853580181	Brain_Substantia_nigra	1	1		
	1	0.184552327	0.184552327	0.184552327	NA	1	0
	0.998207054						
TRAPPC3	ENSG00000054116.11	0.853636448	2	2	0.602296834		
	Brain_Putamen_basal_ganglia	0.645037922	Brain_Nucleus_accumbens_basal_ganglia				
	1.542129351	0.457870649	0.457870649	-0.521100397	-0.46066646		
	-0.490883428	0.042733247	2	0	0.998207054		
GPC2	ENSG00000213420.7	0.853654788	8	4	0.438300082		
	Brain_Cerebellar_Hemisphere	0.963189711	Brain_Substantia_nigra		5.96208054		
	0.01155371	0.260607198	-0.77506698	0.191468091	-0.326851699		
	0.347068237	4	0	0.998207054			
TNFSF12	ENSG00000239697.10	0.853668416	5	5	0.240892267		
	Brain_Spinal_cord_cervical_c-1	0.969689059	Brain_Amygdala	2.693522155			
	0.131250265	0.131250265	-1.172759491	-0.037998273	-0.814609087		
	0.45288979	5	0	0.998207054			
XDH	ENSG00000158125.9	0.853728606	1	1	0.853728606	Brain_Cerebellum	
	0.853728606	Brain_Cerebellum	1	1	0.184363112	0.184363112	
	0.184363112	NA	1	0	0.998207054		
AC009961.3	ENSG00000226266.6	0.853787554	5	5	0.30655433		
	Brain_Caudate_basal_ganglia	0.839861246	Brain_Hippocampus	1.6126138			
	0.544555417	0.544555417	-0.841048979	1.022478824	0.109703861		
	0.698773082	5	0	0.998207054			
LINC01738	ENSG00000227947.1	0.853807984	1	1	0.853807984		
	Brain_Nucleus_accumbens_basal_ganglia	0.853807984					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.184261923		
	-0.184261923	-0.184261923	NA	1	0	0.998207054	
DUSP12	ENSG00000081721.11	0.853834866	1	1	0.853834866		
	Brain_Cerebellum	0.853834866	Brain_Cerebellum	1	1	1	0.184227653
	0.184227653	0.184227653	NA	1	0	0.998207054	
EXTL2	ENSG00000162694.13	0.853903182	1	1	0.853903182		
	Brain_Nucleus_accumbens_basal_ganglia	0.853903182					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.184140568		
	0.184140568	0.184140568	NA	1	0	0.998207054	
RND2	ENSG00000108830.9	0.853908315	4	3	0.380042003		
	Brain_Hypothalamus	0.70556816	Brain_Cerebellar_Hemisphere	3.462082734			
	0.037247831	0.153070458	-0.663049329	0.877818906	0.098010698		
	0.735446084	3	0	0.998207054			
GDF9	ENSG00000164404.8	0.853936867	7	4	0.519484518		
	Brain_Hypothalamus	0.968889072	Brain_Caudate_basal_ganglia	5.540264057			
	0.03418539	0.247880029	-0.334302964	0.644140209	0.235617764		
	0.337572457	4	0	0.998207054			
NDUFS8	ENSG00000110717.12	0.853938733	5	3	0.422081043		
	Brain_Cerebellum	0.887493455	Brain_Cortex	4.318665482	0.005825088		
	0.152649947	-0.802816087	-0.141476586	-0.404366662	0.283105493		
	3	0	0.998207054				
IFT88	ENSG00000032742.17	0.853969496	11	1	0.393218187		
	Brain_Nucleus_accumbens_basal_ganglia	0.941988438	Brain_Cerebellar_Hemisphere				
	10.19342441	0.002916171	10.19342441	-0.097086694	0.853795718		
	0.179149621	0.260376218	1	0	0.998207054		
A4GNT	ENSG00000118017.3	0.854097376	6	5	0.43086059	Brain_Hypothalamus	
	0.959739118	Brain_Cortex	4.472241781	0.040379797	0.159591284		
	-0.787719853	0.206128384	-0.150446909	0.370089288	5	0	
	0.998207054						

RAD51AP1	ENSG00000111247.14	0.854104619	1	1	0.854104619			
	Brain_Cerebellum	0.854104619	Brain_Cerebellum	1	1	0.183883793		
	0.183883793	0.183883793	NA	1	0	0.998207054		
TUBGCP6	ENSG00000128159.11	0.854148924	9	4	0.213335798			
	Brain_Frontal_Cortex_BA9	0.948682312	Brain_Cerebellum	7.060399268				
	0.008373483	0.280982021	0.064361592	1.244445086	0.64548463			
	0.356149327	4	0	0.998207054				
RP5-848E13.4	ENSG00000283973.1	0.854303677	1	1	0.854303677			
	Brain_Caudate_basal_ganglia	0.854303677	Brain_Caudate_basal_ganglia	1	1			
	1	-0.183630063	-0.183630063	-0.183630063	NA	1	0	
	0.998207054							
HLA-C	ENSG00000204525.16	0.854308619	13	4	0.344424366			
	Brain_Hippocampus	0.975488538	Brain_Spinal_cord_cervical_c-1	9.38186436				
	0.011911624	0.389472618	-0.945459446	0.444784423	-0.229050706			
	0.439517302	4	0	0.998207054				
ASAH2B	ENSG00000204147.9	0.854441105	10	1	0.29712437			
	Brain_Hypothalamus	0.997264128	Brain_Caudate_basal_ganglia	9.299597987				
	2.38E-05	9.299597987	-0.418896599	1.042619898	0.181633269			
	0.37645566	1	0	0.998207054				
CDC14A	ENSG00000079335.18	0.854558661	1	1	0.854558661			
	Brain_Hypothalamus	0.854558661	Brain_Hypothalamus	1	1	1		
	0.183305065	0.183305065	0.183305065	NA	1	0	0.998207054	
B4GALNT3	ENSG00000139044.10	0.854595816	4	4	0.327696233			
	Brain_Hypothalamus	0.818109292	Brain_Cerebellar_Hemisphere	1.258612159				
	0.72059935	0.72059935	-0.978764744	0.554962933	-0.254914331			
	0.630554095	4	0	0.998207054				
PPP1R15B	ENSG00000158615.8	0.85463036	1	1	0.85463036			
	Brain_Substantia_nigra	0.85463036	Brain_Substantia_nigra	1	1	1		
	-0.183213681	-0.183213681	-0.183213681	NA	1	0	0.998207054	
HDHD2	ENSG00000167220.11	0.85464299	2	2	0.728827814			
	Brain_Spinal_cord_cervical_c-1	0.741952405	Brain_Putamen_basal_ganglia					
	1.272484806	0.727515194	0.727515194	-0.329268959	0.346685221			
	0.008708131	0.477971784	2	0	0.998207054			
CYP3A5	ENSG00000106258.13	0.854649936	2	2	0.61815864			
	Brain_Frontal_Cortex_BA9	0.859518782	Brain_Cerebellum	1.152960317				
	0.847039683	0.847039683	-0.17698677	0.498461726	0.160737478			
	0.477614212	2	0	0.998207054				
RP11-406H21.2	ENSG00000273153.1	0.854673303	1	1	0.854673303			
	Brain_Nucleus_accumbens_basal_ganglia	0.854673303						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.183158949			
	-0.183158949	-0.183158949	NA	1	0	0.998207054		
OGN	ENSG00000106809.10	0.854799786	3	3	0.508015213			
	Brain_Putamen_basal_ganglia	0.913195594	Brain_Caudate_basal_ganglia					
	1.958687764	0.263343664	0.263343664	-0.661931359	-0.109008695			
	-0.373571772	0.277228378	3	0	0.998207054			
TMEM269	ENSG00000274386.5	0.854904274	3	3	0.447904081			
	Brain_Cerebellar_Hemisphere	0.744333703	Brain_Substantia_nigra					
	1.690247788	0.3423096	0.3423096	0.326119818	0.758913871			
	0.544872302	0.216435481	3	0	0.998207054			
UBE2D4	ENSG00000078967.12	0.854936868	2	2	0.672754683			
	Brain_Cerebellum	0.726604977	Brain_Caudate_basal_ganglia	1.041529587				
	0.958470413	0.958470413	-0.422370395	-0.34964521	-0.386007803			
	0.051424472	2	0	0.998207054				
FGD3	ENSG00000127084.17	0.855071395	5	5	0.240482894			
	Brain_Putamen_basal_ganglia	1.867355165	Brain_Cerebellum					
	0.981803291	Brain_Putamen_basal_ganglia	1.867355165	0.161834226				
	0.161834226	-0.540148266	1.173780656	0.22503375	0.639853832		5	
	0	0.998207054						
RP11-554L12.1	ENSG00000258144.1	0.855075954	5	5	0.28567946			
	Brain_Caudate_basal_ganglia	0.826750033	Brain_Substantia_nigra					
	1.731110966	0.223483774	0.223483774	-1.067647696	0.390606942			
	-0.091188922	0.60565581	5	0	0.998207054			
RP11-54O7.1	ENSG00000230699.2	0.855209039	1	1	0.855209039			

	Brain_Cortex	0.855209039	Brain_Cortex	1	1	1	-0.182476189
	-0.182476189	-0.182476189	NA	1	0	0.998207054	
POMP	ENSG00000132963.7	0.855241837		1	1	0.855241837	
	Brain_Hypothalamus	0.855241837	Brain_Hypothalamus	1	1	1	
	0.182434393	0.182434393	0.182434393	NA	1	0	0.998207054
TDRD12	ENSG00000173809.17	0.855269397		4	4	0.513259246	
	Brain_Nucleus_accumbens_basal_ganglia	0.84995752	Brain_Putamen_basal_ganglia				
	2.311345999	0.298644065	0.298644065	-0.653771165			0.189172628
	-0.29826733	0.365689613	4	0	0.998207054		
TMUB2	ENSG00000168591.15	0.855294541		1	1	0.855294541	Brain_Cerebellum
	0.855294541	Brain_Cerebellum1	1	1	1	-0.18236723	-0.18236723
	-0.18236723	NA	1	0	0.998207054		
RP11-156K13.3	ENSG00000254054.2	0.855303218		5	5	0.40108153	
	Brain_Hypothalamus	0.961865834	Brain_Hippocampus			3.462198641	
	0.188963221	0.188963221	-0.839691235	0.423527352			-0.036112771
	0.480862471	5	0	0.998207054			
UBB	ENSG00000170315.13	0.855324475		1	1	0.855324475	
	Brain_Hypothalamus	0.855324475	Brain_Hypothalamus	1	1	1	
	0.182329085	0.182329085	0.182329085	NA	1	0	0.998207054
PAOX	ENSG00000148832.15	0.855476612		5	5	0.430990747	Brain_Cortex
	0.834092244	Brain_Anterior_cingulate_cortex_BA24	2.229612711				
	0.345290351	0.345290351	-0.787497405	0.552474386			-0.005164044
	0.539656265	5	0	0.998207054			
RP11-134O21.1	ENSG00000254319.5	0.855555558		5	5	0.426546309	
	Brain_Hippocampus	0.763280299	Brain_Frontal_Cortex_BA9			1.773990212	
	0.534855205	0.534855205	-0.493464708	0.795115518			-0.045356005
	0.570147058	5	0	0.998207054			
PAPSS1	ENSG00000138801.8	0.855635334		1	1	0.855635334	
	Brain_Cerebellar_Hemisphere	0.855635334	Brain_Cerebellar_Hemisphere1	1	1		
	1	-0.181932964	-0.181932964	-0.181932964	NA	1	0
	0.998207054						
ZNF585A	ENSG00000196967.10	0.855828353		2	2	0.592817276	
	Brain_Amygdala	0.732224408	Brain_Putamen_basal_ganglia			1.813285662	
	0.186714338	0.186714338	0.342168077	0.534757904			0.43846299
	0.136181572	2	0	0.998207054			
LINC02001	ENSG00000267321.2	0.855870087		1	1	0.855870087	
	Brain_Cortex	0.855870087	Brain_Cortex	1	1	1	0.181633844
	0.181633844	0.181633844	NA	1	0	0.998207054	
NIPAL3	ENSG00000001461.16	0.855932234		3	3	0.441844511	
	Brain_Nucleus_accumbens_basal_ganglia	0.799149998	Brain_Caudate_basal_ganglia				
	1.930905247	0.262577768	0.262577768	0.254447319			0.769082206
	0.449852582	0.278768042	3	0	0.998207054		
MAP2K5	ENSG00000137764.19	0.855958853		4	3	0.685286785	
	Brain_Cerebellum	0.981109977	Brain_Frontal_Cortex_BA9			3.370119576	
	0.048879757	0.172804489	-0.175694889	0.405259484			0.02393727
	0.26172696	3	0	0.998207054			
MZT2A	ENSG00000173272.15	0.855992287		12	3	0.699383844	
	Brain_Spinal_cord_cervical_c-1	0.944982784	Brain_Amygdala			10.62232463	
	0.000690206	0.462338725	-0.386152346	0.223915559			-0.049264773
	0.194773404	3	0	0.998207054			
SNHG9	ENSG00000255198.4	0.8559964		7	5	0.171497941	
	Brain_Nucleus_accumbens_basal_ganglia	0.999481962	Brain_Putamen_basal_ganglia				
	3.36319964	3.99E-18	0.589195736	-0.357637233			1.367406453
	0.151835885	0.566954415	5	0	0.998207054		
CCPG1	ENSG00000260916.7	0.856004437		1	1	0.856004437	Brain_Cerebellum
	0.856004437	Brain_Cerebellum1	1	1	1	-0.181462663	-0.181462663
	-0.181462663	NA	1	0	0.998207054		
SLC25A16	ENSG00000122912.14	0.856159602		12	2	0.46028573	
	Brain_Putamen_basal_ganglia	0.966624583	Brain_Frontal_Cortex_BA9				
	10.88862703	0.009078035	0.366135251	-0.041842087			0.738376435
	0.526258656	0.2290399	2	0	0.998207054		
SNRNP35	ENSG00000184209.14	0.856228447		2	2	0.577609172	

	Brain_Putamen_basal_ganglia	0.88475541	Brain_Cortex	1.291028513				
	0.708971487	0.708971487	0.14494359	0.556880363	0.350911977			
	0.291283286	2	0	0.998207054				
MYSM1	ENSG00000162601.9	0.856319367	3	2	0.672615763	Brain_Cerebellum		
	0.887601369	Brain_Cerebellar_Hemisphere	2.829906411	0.009335871				
	0.160757718	-0.422560758	-0.141339977	-0.276225869	0.140959539			
	2	0	0.998207054					
PRKAA2	ENSG00000162409.10	0.856389594	1	1	0.856389594			
	Brain_Substantia_nigra	0.856389594	Brain_Substantia_nigra	1	1			
	1	-0.180971948	-0.180971948	-0.180971948	NA	1	0	
	0.998207054							
AGPAT1	ENSG00000204310.12	0.856675319	3	3	0.520381793			
	Brain_Caudate_basal_ganglia	0.823172621	Brain_Cerebellar_Hemisphere					
	1.594510154	0.639407756	0.639407756	-0.642756994	0.4085209			
	-0.15256746	0.529212892	3	0	0.998207054			
CPQ	ENSG00000104324.15	0.856779462	3	2	0.634256509			
	Brain_Frontal_Cortex_BA9	0.652563395	Brain_Hypothalamus	2.20865104				
	0.001402028	0.789946932	0.450203941	0.475744367	0.459507008			
	0.014111756	2	0	0.998207054				
AP1G1	ENSG00000166747.12	0.856786612	3	3	0.470382968			
	Brain_Putamen_basal_ganglia	0.735004401	Brain_Cortex	1.844055522				
	0.281747639	0.281747639	-0.338476145	0.721856077	0.272135048			
	0.548169991	3	0	0.998207054				
C20orf24	ENSG00000101084.17	0.857084813	1	1	0.857084813			
	Brain_Anterior_cingulate_cortex_BA24	0.857084813						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.180086306			
	-0.180086306	-0.180086306	NA	1	0	0.998207054		
RP5-1056H1.2	ENSG00000278192.1	0.857346221	3	3	0.565452525			
	Brain_Cortex	0.978522674	Brain_Caudate_basal_ganglia	1.806412008				
	0.438828381	0.438828381	-0.574761623	0.268620641	-0.11102069			
	0.427934537	3	0	0.998207054				
FAM162B	ENSG00000183807.7	0.85738807	1	1	0.85738807	Brain_Amygdala		
	0.85738807	Brain_Amygdala	1	1	1	0.17970003	0.17970003	0.17970003
	1	0	0.998207054					
EPHX1	ENSG00000143819.12	0.857451127	1	1	0.857451127			
	Brain_Caudate_basal_ganglia	0.857451127	Brain_Caudate_basal_ganglia	1	1			
	1	0.179619714	0.179619714	0.179619714	NA	1	0	
	0.998207054							
VTN	ENSG00000109072.13	0.857462926	3	2	0.557855728			
	Brain_Nucleus_accumbens_basal_ganglia	0.677912864	Brain_Putamen_basal_ganglia					
	2.792259673	0.037335869	0.170404459	0.415312893	0.586029444			
	0.503488351	0.08549763	2	0	0.998207054			
SNX11	ENSG00000002919.14	0.857505779	6	3	0.517027972			
	Brain_Frontal_Cortex_BA9	0.995915581	Brain_Cerebellar_Hemisphere					
	4.657267085	0.023805599	0.436785309	-0.523584551	0.647933485			
	-0.026128494	0.426298709	3	0	0.998207054			
PDE7A	ENSG00000205268.10	0.857549542	2	2	0.582758691			
	Brain_Caudate_basal_ganglia	0.657775593	Brain_Putamen_basal_ganglia					
	1.710944189	0.289055811	0.289055811	0.44298637	0.549359603			
	0.496172987	0.075217234	2	0	0.998207054			
C17orf82	ENSG00000187013.4	0.857591888	3	3	0.596089156			
	Brain_Cerebellum	0.792150314	Brain_Cortex	1.360322005	0.682131095			
	0.682131095	-0.480059482	0.530032848	-0.071181994	0.531805295			
	3	0	0.998207054					
MET	ENSG00000105976.14	0.857614626	10	2	0.261422008			
	Brain_Hypothalamus	0.8800321	Brain_Spinal_cord_cervical_c-1	9.364909583				
	1.16E-05	0.417251935	-1.123036465	-0.150928524	-0.530580648			
	0.270598974	2	0	0.998207054				
TRIM58	ENSG00000162722.8	0.85769572	5	4	0.375392674			
	Brain_Frontal_Cortex_BA9	0.948878714	Brain_Anterior_cingulate_cortex_BA24					
	3.288386841	0.083064447	0.219327128	-0.88641735	0.074264657			
	-0.263778606	0.369361669	4	0	0.998207054			

ZSCAN26	ENSG00000197062.11	0.857703772	12	3	0.411740225		
	Brain_Substantia_nigra	0.951827696				Brain_Nucleus_accumbens_basal_ganglia	
	10.09370108	0.007652582	0.348335627	0.060411756	0.820835061		
	0.487941241	0.251442283	3	0	0.998207054		
AC011298.2	ENSG00000219159.4	0.857780375	1	1	0.857780375		
	Brain_Cortex	0.857780375	Brain_Cortex	1	1	1	0.179200367
	0.179200367	0.179200367	NA	1	0	0.998207054	
NEK7	ENSG00000151414.14	0.85784747	2	2	0.580655173	Brain_Hippocampus	
	0.638110194	Brain_Spinal_cord_cervical_c-1			1.883981971	0.116018029	
	0.116018029	0.470342702	0.552427968	0.511385335	0.058043049		
	2	0	0.998207054				
YIF1B	ENSG00000167645.16	0.857893507	4	4	0.487557068		
	Brain_Cerebellar_Hemisphere	0.9472641	Brain_Amygdala	2.047708075			
	0.292965128	0.292965128	-0.066142846	0.694199562	0.459520245		
	0.359625335	4	0	0.998207054			
RILPL1	ENSG00000188026.12	0.857919528	1	1	0.857919528		
	Brain_Hypothalamus	0.857919528	Brain_Hypothalamus	1	1	1	
	0.179023145	0.179023145	0.179023145	NA	1	0	0.998207054
HTR1D	ENSG00000179546.4	0.857946025	7	4	0.366116467		
	Brain_Frontal_Cortex_BA9	0.933880104	Brain_Substantia_nigra				
	5.286144602	0.001677544	0.220091668	-0.903771708	-0.082964076		
	-0.589026637	0.296910253	4	0	0.998207054		
RP11-18H21.1	ENSG00000245954.6	0.857989683	4	4	0.298120107		
	Brain_Spinal_cord_cervical_c-1	0.767878868	Brain_Cortex	1.451586253			
	0.510095047	0.510095047	-1.040473203	0.63221396	-0.162623938		
	0.764284308	4	0	0.998207054			
SPATA5L1	ENSG00000171763.18	0.858032144	13	1	0.458361283		
	Brain_Hippocampus	0.999093307	Brain_Substantia_nigra	12.05486278			
	8.86E-05	12.05486278	-0.741547927	0.217560619	-0.176634651		
	0.349650777	1	0	0.998207054			
CALCOCO2	ENSG00000136436.14	0.858090631	2	1	0.738142239		
	Brain_Cerebellar_Hemisphere	0.984557436	Brain_Cerebellum	1.956168371			
	0.043831629	1.956168371	0.019355593	0.334314514	0.176835054		
	0.222709589	1	0	0.998207054			
CEP95	ENSG00000258890.6	0.85810665	1	1	0.85810665	Brain_Cortex	0.85810665
	Brain_Cortex	1	1	1	0.178784839	0.178784839	0.178784839
	NA	1	0	0.998207054			
SLC15A3	ENSG00000110446.10	0.858111226	2	2	0.667737935		
	Brain_Caudate_basal_ganglia	0.722889037	Brain_Nucleus_accumbens_basal_ganglia				
	1.013175338	0.986824662	0.986824662	-0.354600319	0.429254624		
	0.037327152	0.554269146	2	0	0.998207054		
LINC00092	ENSG00000225194.2	0.85812769	4	4	0.451787081		
	Brain_Caudate_basal_ganglia	0.876355585	Brain_Substantia_nigra				
	1.772948354	0.236334365	0.236334365	-0.752439033	0.75243264		
	0.216467503	0.700856811	4	0	0.998207054		
ZNF613	ENSG00000176024.17	0.858192152	1	1	0.858192152		
	Brain_Cerebellum	0.858192152	Brain_Cerebellum	1	1	1	0.178675953
	0.178675953	0.178675953	NA	1	0	0.998207054	
CFAP77	ENSG00000188523.8	0.858344266	2	2	0.664180103		
	Brain_Cerebellum	0.721494202	Brain_Amygdala	1.033586828	0.966413172		
	0.966413172	-0.434149195	-0.356462538	-0.395305867	0.054932762		
	2	0	0.998207054				
AC084149.2	ENSG00000227088.1	0.858465242	2	2	0.712911642		
	Brain_Substantia_nigra	0.978583209	Brain_Spinal_cord_cervical_c-1				
	1.777422751	0.222577249	0.222577249	0.026845191	0.367948492		
	0.197396841	0.241196457	2	0	0.998207054		
CRYM	ENSG00000103316.10	0.858655157	4	3	0.4461701	Brain_Cerebellum	
	0.905665324	Brain_Hypothalamus	1.959049901	0.042866009			
	0.909048261	-0.498621142	0.761815547	0.023408899	0.554923576		
	3	0	0.998207054				
CTB-1I21.1	ENSG00000250284.1	0.858718889	2	2	0.596757111		
	Brain_Spinal_cord_cervical_c-1	0.887997785	Brain_Hypothalamus				

	1.030789344	0.969210656	0.969210656	-0.529069684	-0.140838175
	-0.334953929	0.274521133	2 0	0.998207054	
NPRL3	ENSG00000103148.15	0.858737003	13 7	0.206346872	
	Brain_Substantia_nigra	0.941694112		Brain_Anterior_cingulate_cortex_BA24	
	8.248717642	0.013316343	0.349481027	-1.263674526	0.168832141
	-0.626690988	0.423999522	7 0	0.998207054	
HAUS1	ENSG00000152240.12	0.8588842	4 4	0.412418474	Brain_Amygdala
	0.971995941	Brain_Cerebellar_Hemisphere	2.978440183	0.246332161	
	0.246332161	-0.035105092	0.819645067	0.282160639	0.373657495
	4 0	0.998207054			
TNFAIP8L3	ENSG00000183578.6	0.859007501	2 2	0.623449493	
	Brain_Frontal_Cortex_BA9	0.906179062		Brain_Cortex	1.634784485
	0.365215515	0.365215515	-0.490967416	-0.117859401	-0.304413409
	0.263827207	2 0	0.998207054		
SEMA4B	ENSG00000185033.14	0.859017133	1 1	0.859017133	
	Brain_Cerebellar_Hemisphere	0.859017133		Brain_Cerebellar_Hemisphere1	1
	1 -0.177625454	-0.177625454	-0.177625454	NA 1	0
	0.998207054				
PIGS	ENSG00000087111.20	0.859199355	2 2	0.588138899	Brain_Cortex
	0.823713386	Brain_Frontal_Cortex_BA9	1.229415892	0.770584108	
	0.770584108	-0.541534972	-0.222771454	-0.382153213	0.225399845
	2 0	0.998207054			
TIGD1	ENSG00000221944.6	0.859231397	3 2	0.600129244	Brain_Cortex
	0.974245286	Brain_Frontal_Cortex_BA9	2.416544183	0.050288536	
	0.533167281	-0.524214662	-0.032284354	-0.292539454	0.247207331
	2 0	0.998207054			
KRAS	ENSG00000133703.11	0.859252016	2 2	0.634261053	
	Brain_Putamen_basal_ganglia	0.799805883		Brain_Cerebellum	1.049720795
	0.950279205	0.950279205	-0.475737989	0.253598335	-0.111069827
	0.51571866 2	0 0.998207054			
DOC2B	ENSG00000272636.3	0.859293331	7 6	0.382518304	
	Brain_Substantia_nigra	0.891596109		Brain_Cerebellar_Hemisphere	
	2.130302096	0.047967308	0.53224087	-0.87326564	0.39753241
	-0.304411607	0.55894205 6	0 0.998207054		
DIP2A	ENSG00000160305.17	0.859339304	5 5	0.300737183	
	Brain_Putamen_basal_ganglia	0.900370747		Brain_Cerebellum	1.509485636
	0.548889007	0.548889007	-1.034853822	0.585661437	-0.156717415
	0.610700149	5 0	0.998207054		
ADD3	ENSG00000148700.14	0.85937589 4	2 0.664887587		
	Brain_Putamen_basal_ganglia	0.9494551	Brain_Frontal_Cortex_BA9	3.687359193	
	0.010086041	0.271506158	-0.433175072	-0.063391067	-0.231969957
	0.168804367	2 0	0.998207054		
COMMD5	ENSG00000170619.9	0.859454551	4 3	0.449496971	
	Brain_Cerebellar_Hemisphere	0.908409997		Brain_Cerebellum	2.445037039
	0.003006014	0.647948141	-0.29153011	0.756253918	0.05266911
	0.475524516	3 0	0.998207054		
PLD3	ENSG00000105223.19	0.859493108	1 1	0.859493108	
	Brain_Nucleus_accumbens_basal_ganglia	0.859493108			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1 -0.177019456		
	-0.177019456	-0.177019456	NA 1	0 0.998207054	
CHUK	ENSG00000213341.10	0.85954156 1	1 0.85954156	Brain_Cerebellum	0.85954156
	Brain_Cerebellum1	1 1	0.176957771	0.176957771	0.176957771
	NA 1	0 0.998207054			
GHR	ENSG00000112964.13	0.859728132	2 2	0.684697449	
	Brain_Frontal_Cortex_BA9	0.687175687		Brain_Anterior_cingulate_cortex_BA24	
	1.081940046	0.918059954	0.918059954	-0.406061451	0.402690822
	-0.001685314	0.571874216	2 0	0.998207054	
NTF3	ENSG00000185652.11	0.859734279	1 1	0.859734279	
	Brain_Anterior_cingulate_cortex_BA24	0.859734279			
	Brain_Anterior_cingulate_cortex_BA24	1 1	1 -0.176712427		
	-0.176712427	-0.176712427	NA 1	0 0.998207054	
PPP1R1C	ENSG00000150722.10	0.859761589	4 4	0.357898622	

	Brain_Frontal_Cortex_BA9	0.890870575		Brain_Hippocampus	1.825510694			
	0.1523012	0.1523012	-0.919376605	0.137202702	-0.287285527			
	0.448345862	4	0	0.998207054				
LINC01521	ENSG00000213888.3	0.859788239		2	2	0.588221766		
	Brain_Cortex	0.930597699		Brain_Cerebellum	1.014425035	0.985574965		
	0.985574965	-0.541414716		-0.087092863	-0.314253789	0.321254064		
	2	0	0.998207054					
HEATR5B	ENSG00000008869.11	0.859961512		1	1	0.859961512		
	Brain_Substantia_nigra	0.859961512		Brain_Substantia_nigra	1	1		
	1	-0.176423159	-0.176423159	-0.176423159	NA	1	0	
	0.998207054							
OLA1	ENSG00000138430.15	0.859986851		3	3	0.392216376		
	Brain_Hippocampus	0.8781739		Brain_Spinal_cord_cervical_c-1	1.131464479			
	0.870514143	0.870514143		0.15328453	0.85560487	0.389584893		
	0.403598551	3	0	0.998207054				
ZSCAN5A	ENSG00000131848.9	0.86006597		1	1	0.86006597		
	Brain_Nucleus_accumbens_basal_ganglia	0.86006597						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.176290188			
	-0.176290188	-0.176290188	NA	1	0	0.998207054		
CTSD	ENSG00000117984.13	0.860227358		1	1	0.860227358		
	Brain_Hippocampus	0.860227358		Brain_Hippocampus	1	1	1	
	-0.176084755	-0.176084755	-0.176084755	NA	1	0	0.998207054	
VIT	ENSG00000205221.12	0.860298814		3	3	0.527525502		
	Brain_Putamen_basal_ganglia	0.972183739		Brain_Cerebellum	1.047208039			
	0.928668442	0.928668442		-0.631787869	0.034869578	-0.387134845		
	0.367012503	3	0	0.998207054				
RP11-65J3.2	ENSG00000226355.1	0.860327601		1	1	0.860327601		
	Brain_Amygdala	0.860327601		Brain_Amygdala	1	1	1	-0.175957157
	-0.175957157	-0.175957157	NA	1	0	0.998207054		
SPPL2A	ENSG00000138600.9	0.860343725		9	7	0.302659084		
	Brain_Cortex	0.866495611		Brain_Caudate_basal_ganglia	5.539345575			
	0.007031581	0.188705556		-1.03074784	0.246479665	-0.345025636		
	0.408835919	7	0	0.998207054				
VWC2L	ENSG00000174453.9	0.860375461		2	2	0.65484224		
	Brain_Spinal_cord_cervical_c-1	0.665511144		Brain_Frontal_Cortex_BA9				
	1.286135051	0.713864949		0.713864949	-0.432316847	0.447045456		
	0.007364304	0.621803048		2	0	0.998207054		
ZC3H11A	ENSG00000058673.16	0.860431917		1	1	0.860431917		
	Brain_Cortex	0.860431917		Brain_Cortex	1	1	1	0.175824379
	0.175824379	0.175824379	NA	1	0	0.998207054		
MYBPC1	ENSG00000196091.13	0.86046111		2	2	0.638807616		
	Brain_Frontal_Cortex_BA9	0.780540595		Brain_Cerebellum	1.009989166			
	0.990010834	0.990010834		-0.469366602	0.278614616	-0.095375993		
	0.528902591	2	0	0.998207054				
CYTOR	ENSG00000222041.10	0.860475556		7	7	0.195904548		
	Brain_Caudate_basal_ganglia	0.945468295		Brain_Anterior_cingulate_cortex_BA24				
	1.536147785	0.415534278		0.415534278	-1.29330802	0.757815551		
	-0.181484311	0.73641237	7	0	0.998207054			
CHST10	ENSG00000115526.10	0.86058691		7	6	0.149368307		Brain_Cortex
	0.759214746	Brain_Substantia_nigra		4.037424711	0.025781377			
	0.201691378	-1.441766321		-0.306512129	-0.912916925	0.404604518		
	6	0	0.998207054					
SIGIRR	ENSG00000185187.12	0.860651107		13	8	0.281001295		
	Brain_Hippocampus	0.894081728		Brain_Hypothalamus	6.656393947			
	1.05E-17	0.327898531		-0.978438566	1.078072742	0.378073906		
	0.593341551	8	0	0.998207054				
KLHL18	ENSG00000114648.11	0.86065585		3	3	0.401907561		
	Brain_Hippocampus	0.933422489		Brain_Cerebellar_Hemisphere	1.335727127			
	0.64412906	0.64412906	-0.83821928	0.083539603	-0.347805738	0.46370966		
	3	0	0.998207054					
LINC01547	ENSG00000183250.11	0.860764094		11	9	0.243870053		
	Brain_Substantia_nigra	0.965832091		Brain_Cerebellum	4.999499665			

	0.099081105	0.253580307	-1.089303021	1.165368028	-0.132147919
	0.70145862	9	0	0.998207054	
POLA2	ENSG00000014138.8	0.860772038	9	5	0.407531893
	Brain_Spinal_cord_cervical_c-1	0.991330414			Brain_Amygdala
	0.018845435	0.238007178	-0.151979804	0.828244772	6.866549969
	0.307169254	5	0	0.998207054	0.325338105
DYX1C1	ENSG00000256061.7	0.860801028	2	2	0.59694305
	Brain_Frontal_Cortex_BA9	0.86138946			Brain_Nucleus_accumbens_basal_ganglia
	1.062256291	0.937743709	0.937743709	0.174605712	0.528801655
	0.351703683	0.250454354	2	0	0.998207054
ZC3H3	ENSG00000014164.6	0.860816949	10	6	0.317497595
	Brain_Putamen_basal_ganglia	0.979404556			Brain_Hippocampus
	0.004185723	0.416247132	-0.763654284	0.999613484	6.007439275
	0.497669516	6	0	0.998207054	-0.237021518
NANOS1	ENSG00000188613.6	0.860825721	4	4	0.623191681
	Brain_Spinal_cord_cervical_c-1	0.994659146			Brain_Hippocampus
	2.666985902	0.099225145	0.099225145	-0.452979875	0.491331957
	-0.075083901	0.422023785	4	0	0.998207054
KCTD7	ENSG00000243335.9	0.860927881	6	3	0.369504029
	Brain_Caudate_basal_ganglia	0.813538477			Brain_Putamen_basal_ganglia
	5.255900209	0.006890438	0.282981256	0.235863648	0.89740278
	0.518608791	0.219852499	3	0	0.998207054
SNAP23	ENSG00000092531.9	0.86093202	1	1	0.86093202
	Brain_Amygdala	1	1	1	Brain_Amygdala
	0.86093202	Brain_Amygdala	1	1	-0.175187864
	-0.175187864	NA	1	0	-0.175187864
CHPF	ENSG00000123989.13	0.860964104	1	1	0.860964104
	Brain_Cortex	1	1	1	Brain_Cortex
	0.860964104	Brain_Cortex	1	1	0.175147031
	0.175147031	NA	1	0	0.175147031
HDC	ENSG00000140287.10	0.861130532	3	3	0.424361058
	Brain_Frontal_Cortex_BA9	1.558065454			Brain_Cortex
	0.890192799	Brain_Frontal_Cortex_BA9	1.558065454	0.499393978	0.499393978
	0.499393978	-0.508959112	0.798878171	0.050619602	0.674024966
	3	0	0.998207054		
MRPS35	ENSG00000061794.12	0.861166604	1	1	0.861166604
	Brain_Spinal_cord_cervical_c-1	0.861166604			Brain_Spinal_cord_cervical_c-1
	1	1	1	-0.174889317	-0.174889317
	0.998207054	-0.174889317	-0.174889317	-0.174889317	NA
					1
					0
ZSWIM7	ENSG00000214941.7	0.861208379	12	1	0.588956256
	Brain_Hippocampus	0.921326692			Brain_Hypothalamus
	0.000203494	11.70626647	-0.540349169	0.173105071	11.70626647
	0.199018307	1	0	0.998207054	-0.128781237
KSR1	ENSG00000141068.13	0.861230512	2	1	0.71632189
	Brain_Cerebellar_Hemisphere	0.98583161			Brain_Cerebellum
	0.045451683	1.954548317	-0.017758376	0.363378862	1.954548317
	0.269504726	1	0	0.998207054	0.172810243
RP11-410E4.1	ENSG00000259915.2	0.861275642	11	3	0.152441456
	Brain_Hypothalamus	0.866364631			Brain_Putamen_basal_ganglia
	0.002853119	0.374787685	-1.43096078	0.309668759	9.433345537
	0.492105799	3	0	0.998207054	-0.750720575
MESP1	ENSG00000166823.5	0.8613678	3	3	0.462108863
	Brain_Caudate_basal_ganglia	0.732997835			Brain_Anterior_cingulate_cortex_BA24
	1.117533007	0.885896409	0.885896409	-0.407667582	0.735378745
	-0.004476436	0.641596237	3	0	0.998207054
CACYBP	ENSG00000116161.17	0.861377678	1	1	0.861377678
	Brain_Cerebellum	0.861377678			Brain_Cerebellum
	0.174620706	0.174620706	NA	1	0.174620706
	0.174620706	0.174620706	NA	1	0.998207054
MRVI1	ENSG00000072952.18	0.861518768	10	8	0.135891012
	Brain_Substantia_nigra	0.972627674			Brain_Hypothalamus
	0.040918039	-0.268721371	-0.731441364	1.491268513	4.574006076
	0.662329674	8	0	0.998207054	0.307961072
RP11-989F5.1	ENSG00000256250.1	0.861519461	2	1	0.847054785
	Brain_Cerebellum	0.876247685			Brain_Cerebellar_Hemisphere
	0.003154365	1.996845635	-0.192877655	-0.155727671	1.996845635
					-0.174302663

	0.026269006	1	0	0.998207054					
LY6G6D	ENSG00000244355.7			0.861519718	1	1	0.861519718		
	Brain_Substantia_nigra			0.861519718			Brain_Substantia_nigra	1	1
	1	0.174439953	0.174439953	0.174439953	NA	1	0		
	0.998207054								
NFIC	ENSG00000141905.17			0.861586054	2	2	0.616177777		
	Brain_Frontal_Cortex_BA9			0.837543539			Brain_Cerebellum	1.71178584	0.28821416
	0.28821416	-0.501274745	-0.205036588	-0.205036588	-0.353155666	0.20947201	2	0	
	0.998207054								
UMAD1	ENSG00000219545.11			0.861615588	1	1	0.861615588		
	Brain_Caudate_basal_ganglia			0.861615588			Brain_Caudate_basal_ganglia	1	1
	1	0.174317956	0.174317956	0.174317956	NA	1	0		
	0.998207054								
NRN1	ENSG00000124785.8			0.861806852	1	1	0.861806852		
	Brain_Hippocampus			0.861806852			Brain_Hippocampus	1	1
	0.174074578	0.174074578	0.174074578	0.174074578	NA	1	0	0.998207054	
SAMD8	ENSG00000156671.12			0.861843048	1	1	0.861843048		
	Brain_Nucleus_accumbens_basal_ganglia			0.861843048					
	Brain_Nucleus_accumbens_basal_ganglia			1	1	1	-0.17402852		
	-0.17402852	-0.17402852	NA	1	0	0.998207054			
OGFOD2	ENSG00000111325.16			0.861845814	2	2	0.604059306		
	Brain_Frontal_Cortex_BA9			0.708896333			Brain_Cerebellum	1.425659704	
	0.574340296	0.574340296	-0.518571904	-0.518571904	-0.373338759	-0.445955332			
	0.102695342	2	0	0.998207054					
ZCCHC9	ENSG00000131732.11			0.862044426	3	3	0.550482162		
	Brain_Spinal_cord_cervical_c-1			0.841321604			Brain_Frontal_Cortex_BA9		
	1.191648364	0.854428501	0.854428501	0.854428501	-0.523140978	0.597037773			
	0.091366691	0.567964929	3	0	0.998207054				
LINC00115	ENSG00000225880.5			0.862070816	13	2	0.463960206		
	Brain_Nucleus_accumbens_basal_ganglia			0.981130595			Brain_Amygdala		
	11.64846703	3.37E-05	0.626372472	0.626372472	-0.515952836	0.732341417			
	-0.003918397	0.294138172	2	0	0.998207054				
ALS2CR12	ENSG00000155749.12			0.862156085	12	1	0.425998804		
	Brain_Substantia_nigra			0.999231063			Brain_Hypothalamus	11.29381188	
	0.001061769	11.29381188	-0.796057175	-0.796057175	0.320860373	-0.169856204			
	0.269905552	1	0	0.998207054					
SMN2	ENSG00000205571.13			0.862339169	12	4	0.425073511		
	Brain_Spinal_cord_cervical_c-1			0.943012692			Brain_Caudate_basal_ganglia		
	8.363358376	0.007778929	0.53924512	0.53924512	-0.797650199	0.516371332			
	-0.244510439	0.382617294	4	0	0.998207054				
CD86	ENSG00000114013.15			0.862554457	1	1	0.862554457		Brain_Amygdala
	0.862554457	Brain_Amygdala	1	1	1	0.173123368	0.173123368		
	0.173123368	NA	1	0	0.998207054				
ADD2	ENSG00000075340.22			0.862660307	3	3	0.479900571		
	Brain_Anterior_cingulate_cortex_BA24			0.811459356			Brain_Putamen_basal_ganglia		
	1.060906253	0.910972247	0.910972247	0.910972247	-0.706462491	0.23854379			
	-0.281547092	0.479638402	3	0	0.998207054				
LDLRAP1	ENSG00000157978.11			0.862737235	13	2	0.730387836		
	Brain_Hypothalamus			0.996902975			Brain_Nucleus_accumbens_basal_ganglia		
	11.97660133	0.000237274	0.457625077	0.457625077	-0.344609669	0.234589552			
	-0.005256135	0.127873953	2	0	0.998207054				
SLC35F2	ENSG00000110660.14			0.862870117	9	2	0.582611638		
	Brain_Cerebellar_Hemisphere			0.98197473			Brain_Nucleus_accumbens_basal_ganglia		
	8.176218863	0.000632574	0.44959159	0.44959159	-0.176952536	0.549573939			
	0.100575895	0.258627859	2	0	0.998207054				
NCK1	ENSG00000158092.6			0.862870994	3	3	0.59187832		
	Brain_Caudate_basal_ganglia			0.88442005			Brain_Hypothalamus	2.152724733	
	0.269315878	0.269315878	-0.167760931	-0.167760931	0.536116091	0.171241171			
	0.352651056	3	0	0.998207054					
DCT	ENSG00000080166.15			0.862883957	9	3	0.316336899		
	Brain_Anterior_cingulate_cortex_BA24			0.928144202			Brain_Caudate_basal_ganglia		
	6.805687483	0.002751416	0.656476038	0.656476038	-1.002013859	0.090179968			

	-0.589664281	0.358480271	3	0	0.998207054			
ECD	ENSG00000122882.10	0.862910074	3	3	0.431785316			
	Brain_Nucleus_accumbens_basal_ganglia	0.955517335			Brain_Amygdala	1.64889614		
	0.36273778	0.36273778	-0.786140267	0.055779665	-0.320419113	0.4280397		
	3	0	0.998207054					
ALG12	ENSG00000182858.13	0.863152003	7	6	0.156848785			
	Brain_Nucleus_accumbens_basal_ganglia	0.594712413			Brain_Caudate_basal_ganglia			
	4.562987322	0.07153875	0.190149349	0.532019611	1.415749756			
	1.000562236	0.296039202	6	0	0.998207054			
ZKSCAN7	ENSG00000196345.12	0.863193571	1	1	0.863193571			
	Brain_Cerebellar_Hemisphere	0.863193571			Brain_Cerebellar_Hemisphere1	1		
	1	-0.172310321	-0.172310321	-0.172310321	NA	1	0	
	0.998207054							
LINC00266-1	ENSG00000149656.8	0.863200433	8	4	0.134795835			
	Brain_Nucleus_accumbens_basal_ganglia	0.878536501			Brain_Cerebellum	5.53555652		
	0.031049092	0.283153864	-0.152824722	1.495454618	0.79405084			
	0.493403406	4	0	0.998207054				
COMMD6	ENSG00000188243.12	0.863251802	4	4	0.562370094			
	Brain_Cerebellar_Hemisphere	0.903806688			Brain_Putamen_basal_ganglia			
	2.075020978	0.221091155	0.221091155	-0.579324712	0.333528082			
	-0.151551146	0.447662763	4	0	0.998207054			
MGAT4C	ENSG00000182050.13	0.863255271	3	3	0.389923804			
	Brain_Substantia_nigra	0.895392198			Brain_Cerebellum	1.302541814		
	0.831011729	0.831011729	0.13148431	0.859755554	0.386691364			
	0.410111021	3	0	0.998207054				
SELENOM	ENSG00000198832.10	0.863446616	3	3	0.607181115			
	Brain_Nucleus_accumbens_basal_ganglia	0.839651427			Brain_Substantia_nigra			
	1.965970197	0.303195864	0.303195864	-0.514101377	0.202339366			
	-0.241414978	0.387646767	3	0	0.998207054			
RP11-340F14.6	ENSG00000274029.1	0.863618644	3	3	0.453268576			
	Brain_Cerebellar_Hemisphere	0.844421666			Brain_Putamen_basal_ganglia			
	1.729597642	0.28476385	0.28476385	-0.749976969	-0.196240837	-0.4461219		
	0.280786077	3	0	0.998207054				
PKIB	ENSG00000135549.14	0.863655493	2	2	0.686850103			
	Brain_Nucleus_accumbens_basal_ganglia	0.702337318			Brain_Putamen_basal_ganglia			
	1.052633231	0.947366769	0.947366769	-0.403133383	-0.382167242			
	-0.392650313	0.0148253	2	0	0.998207054			
DEDD2	ENSG00000160570.13	0.863758854	2	2	0.598208588			
	Brain_Cerebellum							
	0.66367478	Brain_Cortex	1.646600669	0.353399331	0.353399331			
	0.434845219	0.5269784	0.48091181	0.065147997	2	0	0.998207054	
USF2	ENSG00000105698.15	0.86377238	1	1	0.86377238			
	Brain_Substantia_nigra				Brain_Substantia_nigra			
	0.86377238	Brain_Substantia_nigra	1	1	1	0.171574088		
	0.171574088	0.171574088	NA	1	0	0.998207054		
LINC01233	ENSG00000269364.1	0.863960147	1	1	0.863960147			
	Brain_Caudate_basal_ganglia	0.863960147			Brain_Caudate_basal_ganglia1	1		
	1	0.171335272	0.171335272	0.171335272	NA	1	0	
	0.998207054							
CTD-2378E12.1	ENSG00000273674.4	0.863960166	12	7	0.205305065			
	Brain_Putamen_basal_ganglia	0.984458455			Brain_Nucleus_accumbens_basal_ganglia			
	7.804336656	0.025887285	0.29512765	0.01947967	1.266581238			
	0.557638155	0.374538057	7	0	0.998207054			
SUMF1	ENSG00000144455.13	0.864179641	12	2	0.344945454			
	Brain_Hippocampus	0.885948208			Brain_Caudate_basal_ganglia	10.57368058		
	0.021017507	0.36940632	-0.944438815	0.330778441	-0.461320319			
	0.354298208	2	0	0.998207054				
SNX25	ENSG00000109762.15	0.864315754	2	2	0.606349012			
	Brain_Cerebellum							
	0.82859367	Brain_Substantia_nigra	1.108438264	0.891561736				
	0.891561736	-0.515291966	-0.216505588	-0.365898777	0.211273874			
	2	0	0.998207054					
ZNF551	ENSG00000204519.10	0.864405466	1	1	0.864405466			
	Brain_Hypothalamus	0.864405466			Brain_Hypothalamus	1	1	1
	0.170768923	0.170768923	0.170768923	NA	1	0	0.998207054	

WDR87	ENSG00000171804.10	0.864532166	3	2	0.65366179	Brain_Cerebellum
	0.669810525	Brain_Spinal_cord_cervical_c-1			2.134871941	0.040960317
	0.824167742	0.426408065	0.448681004		0.439908927	0.01186558 2
	0	0.998207054				
LINC01436	ENSG00000231106.2	0.864568097	3	2	0.596566899	
	Brain_Anterior_cingulate_cortex_BA24	0.77440093			Brain_Frontal_Cortex_BA9	
	2.786500857	0.02437935	0.189119793		0.286623093	0.529343912
	0.417295139	0.122427401	2	0	0.998207054	
TIFA	ENSG00000145365.10	0.864612326	4	2	0.646674595	
	Brain_Hypothalamus	0.934160746			Brain_Cerebellum	3.251443221
	0.029121375	0.620325256	-0.45838677		0.113380152	-0.141543018
	0.237246486	2	0	0.998207054		
HK1	ENSG00000156515.21	0.864657064	2	2	0.606663747	
	Brain_Spinal_cord_cervical_c-1	0.847972154				
	Brain_Nucleus_accumbens_basal_ganglia	1.061059243			0.938940757	
	0.938940757	-0.514841551	0.191706449		-0.161567551	0.499604882
	2	0	0.998207054			
FCER1G	ENSG00000158869.10	0.864686254	1	1	0.864686254	
	Brain_Spinal_cord_cervical_c-1	0.864686254			Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.170411849	0.170411849	0.170411849 NA 1 0
	0.998207054					
GRIN3A	ENSG00000198785.4	0.864755266	2	2	0.600966088	
	Brain_Anterior_cingulate_cortex_BA24	0.821761402			Brain_Cerebellum	
	1.185205843	0.814794157	0.814794157		-0.523011733	-0.225280072
	-0.374145903	0.210528077	2	0	0.998207054	
AC004381.6	ENSG00000005189.19	0.864942	2	1	0.807503207	
	Brain_Cerebellar_Hemisphere	0.926532656			Brain_Cerebellum	1.949561937
	0.050438063	1.949561937	-0.243648313		-0.092208158	-0.167928236
	0.10708436	1	0	0.998207054		
RPS8	ENSG00000142937.11	0.864946203	6	4	0.431529515	
	Brain_Nucleus_accumbens_basal_ganglia	0.998611653			Brain_Caudate_basal_ganglia	
	4.774115903	0.014404995	0.173478961		-0.255457002	0.786577022
	0.031073223	0.380921478	4	0	0.998207054	
CEACAM19	ENSG00000186567.12	0.864974503	10	10	0.242741815	
	Brain_Amygdala	0.776870713			Brain_Nucleus_accumbens_basal_ganglia	
	2.170693193	0.35473993	0.35473993	-0.409473138	1.168161035	
	0.462577171	0.533689275	10	0	0.998207054	
LRP8	ENSG00000157193.15	0.865070637	4	3	0.406287445	
	Brain_Caudate_basal_ganglia	0.957551925			Brain_Cortex	2.051412517
	0.043413418	0.910920286	-0.149503664		0.830444624	0.130590489
	0.468225867	3	0	0.998207054		
TP53TG5	ENSG00000124251.10	0.865134741	2	2	0.76628509	
	Brain_Hippocampus	0.949023824			Brain_Cerebellum	1.893394611
	0.106605389	0.106605389	0.063932689		0.297237637	0.180585163
	0.164971511	2	0	0.998207054		
NDUFC2	ENSG00000151366.12	0.865149787	6	5	0.283058906	
	Brain_Nucleus_accumbens_basal_ganglia	0.972715297			Brain_Cerebellum	
	2.498582775	0.013201954	0.446379566		-0.278779875	1.07347309
	0.297295056	0.460096922	5	0	0.998207054	
TMEM106A	ENSG00000184988.8	0.865151809	3	2	0.542808788	
	Brain_Putamen_basal_ganglia	0.739766064			Brain_Cerebellar_Hemisphere	
	2.682733246	0.039869252	0.277397501		0.332163154	0.608571066
	0.45347718	0.141266212	2	0	0.998207054	
FBLN5	ENSG00000140092.14	0.865252625	2	2	0.673200628	Brain_Cerebellum
	0.725327107	Brain_Cortex	1.041714115		0.958285885	0.958285885
	0.351348243	0.421759421	0.386553832		0.049788222	2 0
	0.998207054					
SYT3	ENSG00000213023.10	0.865293991	6	5	0.409889587	
	Brain_Hypothalamus	0.935602433			Brain_Hippocampus	2.966371718
	0.089116669	0.297624591	-0.159835997		0.824087949	0.306301522
	0.365627168	5	0	0.998207054		
BLK	ENSG00000136573.12	0.865394435	1	1	0.865394435	

	Brain_Cerebellar_Hemisphere	0.865394435		Brain_Cerebellar_Hemisphere	1	1
	1	-0.169511363	-0.169511363	-0.169511363	NA	1 0
	0.998207054					
GNL2	ENSG00000134697.12	0.865603277	7	4	0.489964118	
	Brain_Putamen_basal_ganglia	0.975698234		Brain_Caudate_basal_ganglia		
	5.885015961	0.032775371	0.199724085	-0.37059818	0.690365895	
	0.062479512	0.352522669	4	0	0.998207054	
FOXP4	ENSG00000137166.14	0.865606133	1	1	0.865606133	
	Brain_Substantia_nigra	0.865606133		Brain_Substantia_nigra	1	1
	1	0.169242206	0.169242206	0.169242206	NA	1 0
	0.998207054					
TBX19	ENSG00000143178.12	0.865615211	3	3	0.609150371	
	Brain_Substantia_nigra	0.857511007		Brain_Hippocampus	2.10518808	
	0.279160748	0.279160748	-0.179543446	0.511286622	0.27020067	
	0.389827164	3	0	0.998207054		
RP3-510D11.4	ENSG00000281937.1	0.865634289	1	1	0.865634289	
	Brain_Caudate_basal_ganglia	0.865634289		Brain_Caudate_basal_ganglia	1	1
	1	0.169206409	0.169206409	0.169206409	NA	1 0
	0.998207054					
RP11-405M12.4	ENSG00000273669.1	0.865780073	1	1	0.865780073	
	Brain_Frontal_Cortex_BA9	0.865780073		Brain_Frontal_Cortex_BA9	1	1
	1	-0.169021064	-0.169021064	-0.169021064	NA	1 0
	0.998207054					
RP11-774O3.3	ENSG00000251615.3	0.865794102	8	3	0.412113235	
	Brain_Cerebellum	0.985960793		Brain_Frontal_Cortex_BA9	6.04220537	
	0.022926457	0.268946723	-0.127321448	0.820180467	0.264126503	
	0.350847286	3	0	0.998207054		
RP11-1398P2.1	ENSG00000244459.2	0.865857291	1	1	0.865857291	
	Brain_Frontal_Cortex_BA9	0.865857291		Brain_Frontal_Cortex_BA9	1	1
	1	-0.168922894	-0.168922894	-0.168922894	NA	1 0
	0.998207054					
ZCCHC11	ENSG00000134744.13	0.865996526	12	1	0.488803301	
	Brain_Cerebellum	0.996623488		Brain_Nucleus_accumbens_basal_ganglia		
	11.48176514	0.000347996	11.48176514	-0.692213438	0.205912264	
	-0.166513782	0.247873172	1	0	0.998207054	
STK24	ENSG00000102572.14	0.866057397	2	2	0.675033059	Brain_Cerebellum
	0.709305485	Brain_Cerebellar_Hemisphere	1.095134297	0.904865703		
	0.904865703	-0.419250514	0.372789007	-0.023230753	0.560056516	
	2	0	0.998207054			
RP11-110I1.14	ENSG00000271751.1	0.866148592	10	5	0.48637807	
	Brain_Nucleus_accumbens_basal_ganglia	0.971862225				
	Brain_Spinal_cord_cervical_c-1	7.241730199		0.001008187	0.304661096	
	-0.696081056	0.552299515	-0.212101128	0.333103869	5	0
	0.998207054					
HJURP	ENSG00000123485.11	0.866222452	2	2	0.698846815	
	Brain_Frontal_Cortex_BA9	0.765295695		Brain_Caudate_basal_ganglia		
	1.172613062	0.827386938	0.827386938	-0.386877613	-0.298533915	
	-0.342705764	0.062468428	2	0	0.998207054	
LRFN4	ENSG00000173621.8	0.866244424	1	1	0.866244424	Brain_Cerebellum
	0.866244424	Brain_Cerebellum	1	1	1	-0.168430743
	-0.168430743	NA	1	0	0.998207054	-0.168430743
RNASEH2B	ENSG00000136104.19	0.866299398	12	2	0.504883577	
	Brain_Amygdala	0.934204991		Brain_Cortex	10.38747084	0.00046832
	0.655293798	-0.66682554	0.198114288	-0.213015737	0.260329563	
	2	0	0.998207054			
HTR7	ENSG00000148680.15	0.866304128	1	1	0.866304128	
	Brain_Putamen_basal_ganglia	0.866304128		Brain_Putamen_basal_ganglia	1	1
	1	-0.168354847	-0.168354847	-0.168354847	NA	1 0
	0.998207054					
TTC19	ENSG00000011295.15	0.866315747	8	3	0.078630083	
	Brain_Substantia_nigra	0.885697316		Brain_Putamen_basal_ganglia		
	6.940720252	0.007524009	0.31912286	0.143750723	1.75869055	

LINC01166	ENSG00000232903.2	0.866344237	3	0	0.998207054	6	1	0.344159189
	Brain_Cerebellum	0.995391628						Brain_Caudate_basal_ganglia
	0.00104356	5.692595291	-0.115026761			0.945979212		5.692595291
	0.420983628	1	0	0.998207054				0.167777566
GSPT1	ENSG00000103342.12	0.866413807	3	3	0.516526582			
	Brain_Hippocampus	0.932773469						Brain_Putamen_basal_ganglia
	0.714874528	0.714874528	-0.084355899			0.648708851		1.28000084
	0.393268007	3	0	0.998207054				0.364464067
RP11-122G18.11	ENSG00000283317.1	0.866453482	9	7	0.326875962			
	Brain_Putamen_basal_ganglia	0.982637587						Brain_Cerebellar_Hemisphere
	4.917377644	0.005248226	0.324281065			-0.980425835		0.274430255
	-0.133962105	0.445949855	7	0	0.998207054			
RP11-340I6.8	ENSG00000226581.1	0.866483166	3	3	0.509221229			
	Brain_Frontal_Cortex_BA9	0.780092503						Brain_Cortex
	0.715745925	0.715745925	-0.603241734			0.660050802		1.354558769
	0.648029997	3	0	0.998207054				0.112002519
OARD1	ENSG00000124596.16	0.866533823	1	1	0.866533823			
	Brain_Spinal_cord_cervical_c-1	0.866533823						Brain_Spinal_cord_cervical_c-1
	1	1	1	0.168062866	0.168062866	0.168062866	NA	1
	0.998207054							0
NDST3	ENSG00000164100.8	0.866562028	4	4	0.32142684			
	Brain_Cerebellar_Hemisphere	0.927922568						Brain_Putamen_basal_ganglia
	1.541147854	0.556322267	0.556322267			-0.991530023		0.296757502
	-0.302954463	0.600365264	4	0	0.998207054			
AIRE	ENSG00000160224.16	0.866566986	3	3	0.521956261			
	Brain_Caudate_basal_ganglia	0.874572691						Brain_Putamen_basal_ganglia
	1.258253828	0.771422904	0.771422904			-0.6403328		0.611561775
	-0.062207984	0.63140397	3	0	0.998207054			
CFAP100	ENSG00000163885.11	0.866729017	5	5	0.391124712			
	Brain_Putamen_basal_ganglia	0.925763896						Brain_Cerebellum
	0.219298656	0.219298656	-0.093175804			0.857579475		1.76089359
	0.338105394	5	0	0.998207054				0.359651212
ABO	ENSG00000175164.13	0.866848034	7	5	0.157004546			
	Brain_Frontal_Cortex_BA9	0.834999005						Brain_Cerebellar_Hemisphere
	4.613235259	0.055656531	0.161747605			-1.415218144		-0.208294527
	-0.721707636	0.438068885	5	0	0.998207054			
MAMDC2	ENSG00000165072.9	0.866920952	3	3	0.551920631			
	Brain_Frontal_Cortex_BA9	0.978956039						Brain_Cerebellum
	0.133203493	0.133203493	-0.594884571			0.026377752		-0.281595489
	0.310665274	3	0	0.998207054				
SLC26A11	ENSG00000181045.14	0.866994691	2	2	0.666990767			
	Brain_Substantia_nigra	0.732916512						Brain_Cerebellum
	0.941709728	0.941709728	-0.430281659			-0.341248504		-0.385765081
	0.062955948	2	0	0.998207054				
RP11-193M21.1	ENSG00000269916.1	0.867036638	1	1	0.867036638			
	Brain_Frontal_Cortex_BA9	0.867036638						Brain_Frontal_Cortex_BA9
	1	0.167423751	0.167423751	0.167423751	NA	1	0	1
	0.998207054							
ZBTB32	ENSG00000011590.13	0.867093668	10	2	0.435391917			
	Brain_Hypothalamus	0.960717781						Brain_Caudate_basal_ganglia
	0.000690941	0.371592257	-0.08974271			0.77999823		9.006652291
	0.296092683	2	0	0.998207054				0.335868098
TMEM246	ENSG00000165152.8	0.867281587	2	2	0.672817557			
	Brain_Anterior_cingulate_cortex_BA24	0.741379325						Brain_Cerebellar_Hemisphere
	1.008902635	0.991097365	0.991097365			0.330027312		0.422284244
	0.376155778	0.065235502	2	0	0.998207054			
PPFIBP2	ENSG00000166387.11	0.867308578	1	1	0.867308578			
	Brain_Putamen_basal_ganglia	0.867308578						Brain_Putamen_basal_ganglia
	1	-0.167078125	-0.167078125	-0.167078125	NA	1	0	1
	0.998207054							
C17orf67	ENSG00000214226.8	0.867327625	8	4	0.337800411			

	Brain_Putamen_basal_ganglia	0.845280395		Brain_Frontal_Cortex_BA9	5.4186516
	0.047953611	0.229380948	-0.195143773	0.958520397	0.505371703
	0.357595599	4	0	0.998207054	
LINC01141	ENSG00000236963.6	0.86743983	1	1	0.86743983
	Brain_Caudate_basal_ganglia	0.86743983	Brain_Caudate_basal_ganglia	1	1
	-0.166911315	-0.166911315	-0.166911315	NA	1
	0	0	0	0.998207054	
CEP63	ENSG00000182923.16	0.867509377	4	4	0.329167598
	Brain_Frontal_Cortex_BA9	0.950776906	Brain_Hippocampus	2.39818476	
	0.095068619	0.095068619	-0.431909633	0.975791903	0.032269774
	0.648850518	4	0	0.998207054	
MXRA7	ENSG00000182534.13	0.8675528	13	3	0.267154128
	Brain_Cerebellum	10.01687155	0.007290874	Brain_Amygdala	0.485011213
	-0.611421227	1.109640137	0.128462117	0.444544722	3
	0.998207054			0	
B3GALT6	ENSG00000176022.4	0.867562377	10	3	0.253619556
	Brain_Amygdala	0.859253544	Brain_Cortex	8.315690578	0.002271367
	0.419322007	0.177324453	1.141601847	0.589911162	0.328321475
	3	0	0.998207054		
HAUS2	ENSG00000137814.10	0.867563681	1	1	0.867563681
	Brain_Frontal_Cortex_BA9	0.867563681	Brain_Frontal_Cortex_BA9	1	1
	1	0.166753916	0.166753916	0.166753916	NA
	0.998207054			1	0
MPPED1	ENSG00000186732.13	0.867699689	5	5	0.347893156
	Brain_Spinal_cord_cervical_c-1	0.729941775	Brain_Amygdala	2.192756145	
	0.260505607	0.260505607	-0.345202985	0.938683718	0.531290588
	0.519921193	5	0	0.998207054	
NMNAT2	ENSG00000157064.10	0.867715324	2	2	0.619786317
	Brain_Frontal_Cortex_BA9	0.950844944	Brain_Cerebellum	1.469405359	
	0.530594641	0.530594641	0.061645749	0.496153215	0.278899482
	0.307243176	2	0	0.998207054	
KB-226F1.2	ENSG00000272787.1	0.867854825	5	4	0.286422314
	Brain_Cerebellum	0.775465483	Brain_Cerebellar_Hemisphere	3.135361774	
	0.101930982	0.347015963	-1.066002938	0.818388946	0.16732118
	0.81932988	4	0	0.998207054	
LINC01115	ENSG00000237667.5	0.867855162	11	5	0.4668306
	Brain_Hypothalamus	7.338900419	0.006242527	Brain_Cerebellum	0.267183781
	-0.727645533	0.416553259	-0.104034332	0.373521044	5
	0.998207054			0	
ADARB2	ENSG00000185736.15	0.867901304	9	9	0.203588896
	Brain_Putamen_basal_ganglia	0.965814377	Brain_Spinal_cord_cervical_c-1		
	2.638068495	0.204832916	0.204832916	-1.271392932	0.460685084
	-0.350177432	0.579360858	9	0	0.998207054
PRSS1	ENSG00000204983.13	0.867933118	1	1	0.867933118
	Brain_Anterior_cingulate_cortex_BA24	0.867933118			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.16628443
	-0.16628443	-0.16628443	NA	1	0
	0.998207054				
ITGA2	ENSG00000164171.10	0.867949668	3	2	0.646051492
	Brain_Nucleus_accumbens_basal_ganglia	0.931167063	Brain_Cerebellar_Hemisphere		
	2.670701223	0.046974157	0.28232462	0.086376581	0.459254397
	0.256147511	0.188660888	2	0	0.998207054
IFRD1	ENSG00000006652.13	0.868042098	7	4	0.514635776
	Brain_Cerebellar_Hemisphere	4.721684963	0.005014987	Brain_Cerebellum	
	0.820027446	Brain_Cerebellar_Hemisphere	4.721684963	0.005014987	
	0.274351847	-0.651636375	-0.227509676	-0.434827956	0.185854616
	4	0	0.998207054		
ADCYAP1R1	ENSG00000078549.14	0.868121963	3	3	0.491678417
	Brain_Nucleus_accumbens_basal_ganglia	0.923875254			
	Brain_Spinal_cord_cervical_c-1	1.050903182	0.943428048	0.943428048	
	-0.462955574	0.68764174	0.106746532	0.575380317	3
	0.998207054			0	
CTIF	ENSG00000134030.13	0.86822106	4	4	0.278088308
	Brain_Cortex	1.199961929	0.803435243	Brain_Hypothalamus	0.803435243
	-1.084623804	-0.160662929	-0.453520551	0.433179821	4
				0	

0.998207054									
RFWD2	ENSG00000143207.19	0.868425082	3	3	0.550847057				
	Brain_Hippocampus	0.970237794			Brain_Cortex	1.860607578		0.34834867	
	0.34834867	-0.098809146	0.59649131	0.153457372		0.384908869		3	0
0.998207054									
PUS1	ENSG00000177192.13	0.868445865	1	1	0.868445865		Brain_Cerebellum		
	0.868445865	Brain_Cerebellum	1	1	-0.165632887		-0.165632887		
	-0.165632887	NA	1	0	0.998207054				
PKNOX2	ENSG00000165495.15	0.868467692	1	1	0.868467692				
	Brain_Caudate_basal_ganglia	0.868467692			Brain_Caudate_basal_ganglia	1	1		
	1	0.165605152	0.165605152	0.165605152	NA	1	0		
0.998207054									
ZNF609	ENSG00000180357.9	0.868471592	1	1	0.868471592				
	Brain_Substantia_nigra	0.868471592			Brain_Substantia_nigra	1	1		
	1	-0.165600197	-0.165600197	-0.165600197	NA	1	0		
0.998207054									
MSANTD3	ENSG00000066697.14	0.868539189	2	2	0.609365226				
	Brain_Cortex	0.866881528			Brain_Cerebellum	1.046196344		0.953803656	
	0.953803656	-0.1676209	0.510979765	0.171679433		0.479843132		2	
0	0.998207054								
ALKBH1	ENSG00000100601.9	0.868582325	3	2	0.707037602				
	Brain_Amygdala	0.771107704			Brain_Cerebellar_Hemisphere	2.02285079			
	0.013691902	0.963457308		0.290926277		0.375837642		0.337544511	
	0.043063505	2	0	0.998207054					
NLRC4	ENSG00000091106.18	0.868648141	4	4	0.427773523		Brain_Amygdala		
	0.840322993	Brain_Hypothalamus	1.814334284		0.331416065				
	0.331416065	-0.693591061	0.79300738	0.014153854		0.634926663		4	
0	0.998207054								
GJC3	ENSG00000176402.5	0.868651653	2	2	0.612401931				
	Brain_Putamen_basal_ganglia	0.853683791			Brain_Caudate_basal_ganglia	1.05276788			
	0.94723212	0.94723212	0.184420242	0.506647846		0.345534044			
	0.227849324	2	0	0.998207054					
NFIX	ENSG00000008441.16	0.868691279	1	1	0.868691279				
	Brain_Putamen_basal_ganglia	0.868691279			Brain_Putamen_basal_ganglia	1	1		
	1	-0.165321066	-0.165321066	-0.165321066	NA	1	0		
0.998207054									
RP11-646I6.5	ENSG00000269921.1	0.868786216	3	3	0.50960576				
	Brain_Spinal_cord_cervical_c-1	0.747392715			Brain_Cerebellum	1.108418452			
	0.874865616	0.874865616	-0.659451688	0.416953109		-0.188192584			
	0.550550666	3	0	0.998207054					
RPL39L	ENSG00000163923.9	0.868803282	1	1	0.868803282				
	Brain_Cortex	0.868803282			Brain_Cortex	1	1	1	0.165178761
	0.165178761	0.165178761	NA	1	0	0.998207054			
RP4-561L24.3	ENSG00000260464.1	0.86883597	5	4	0.266556066				
	Brain_Cortex	0.866604104			Brain_Hippocampus	2.801980233			
	0.009381246	0.396202475	0.167973529	1.111028537		0.587249357			
	0.393047496	4	0	0.998207054					
ANKRD20A1	ENSG00000260691.5	0.868906616	1	1	0.868906616				
	Brain_Frontal_Cortex_BA9	0.868906616			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.165047473	-0.165047473	-0.165047473	NA	1	0		
0.998207054									
RPP25	ENSG00000178718.6	0.869080458	1	1	0.869080458		Brain_Cortex		
	0.869080458	Brain_Cortex	1	1	1	0.164826611		0.164826611	
	0.164826611	NA	1	0	0.998207054				
DSCC1	ENSG00000136982.5	0.869110021	13	1	0.435590171				
	Brain_Spinal_cord_cervical_c-1	0.968281724			Brain_Hypothalamus	12.0301029			
	0.001102795	12.0301029	-0.130003729	0.779661457		0.159582188			
	0.217715726	1	0	0.998207054					
MMP23B	ENSG00000189409.13	0.869141114	2	2	0.596937365				
	Brain_Substantia_nigra	0.96102571			Brain_Spinal_cord_cervical_c-1				
	1.036999699	0.963000301	0.963000301	-0.048866469		0.528809848			
	0.239971689	0.408478842	2	0	0.998207054				

BCAS2	ENSG00000116752.5	0.869354683	2	2	0.607593966	
	Brain_Anterior_cingulate_cortex_BA24	0.751428992				
	Brain_Spinal_cord_cervical_c-1	1.387545038			0.612454962	0.612454962
	-0.513510931	-0.316755685	-0.415133308		0.139126968	2 0
	0.998207054					
RP11-333A23.4	ENSG00000253967.1	0.869444347	1	1	0.869444347	
	Brain_Cortex	0.869444347	Brain_Cortex	1 1 1		-0.164364323
	-0.164364323	-0.164364323	NA 1 0		0.998207054	
GS1-124K5.4	ENSG00000237310.1	0.869514101	13	3	0.529016496	
	Brain_Hypothalamus	0.998367523	Brain_Putamen_basal_ganglia	11.39773891		
	0.001416411	0.450352561	-0.08678368	0.629508056	0.215188278	
	0.230773945	3 0	0.998207054			
HARS	ENSG00000170445.12	0.869523238	6	5	0.245223555	
	Brain_Nucleus_accumbens_basal_ganglia	0.712772948	Brain_Cortex			
	3.472561682	0.110095501	0.342509953	-1.162029322	0.659410006	
	-0.501180029	0.627643627	5 0	0.998207054		
MRPL50	ENSG00000136897.7	0.869670014	5	4	0.355611908	
	Brain_Cerebellar_Hemisphere	0.964860357	Brain_Frontal_Cortex_BA9			
	2.748150402	0.082024634	0.460267571	-0.923758805	0.66596033	
	-0.103556306	0.57588675 4	0	0.998207054		
SLC45A3	ENSG00000158715.5	0.869781617	1	1	0.869781617	
	Brain_Nucleus_accumbens_basal_ganglia	0.869781617				
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1	0.163935885			
	0.163935885	0.163935885	NA 1 0	0.998207054		
RPE	ENSG00000197713.14	0.869787198	1	1	0.869787198	Brain_Cortex
	0.869787198	Brain_Cortex	1 1 1	-0.163928796	-0.163928796	
	-0.163928796	NA 1 0	0.998207054			
MED24	ENSG00000008838.19	0.869867103	9	4	0.586276338	
	Brain_Nucleus_accumbens_basal_ganglia	0.944878099	Brain_Putamen_basal_ganglia			
	7.05386564	0.006557923	0.250150824	-0.370386304	0.544239988	
	0.216056743	0.346932296	4 0	0.998207054		
ANKRD13A	ENSG00000076513.16	0.869926914	2	2	0.600203588	
	Brain_Cerebellum	0.939774872	Brain_Frontal_Cortex_BA9	1.023467211		
	0.976532789	0.976532789	0.075552821	0.524107765	0.299830293	
	0.317176242	2 0	0.998207054			
FNDC1	ENSG00000164694.16	0.870002074	4	4	0.560023044	Brain_Cerebellum
	0.962174306	Brain_Nucleus_accumbens_basal_ganglia	2.362835062			
	0.208430232	0.208430232	-0.58280728	0.412417388	-0.188542564	
	0.468147127	4 0	0.998207054			
PLEC	ENSG00000178209.14	0.870082277	8	8	0.153879383	Brain_Cortex
	0.822580634	Brain_Hypothalamus	2.738401953	0.244371022		
	0.244371022	-0.782310092	1.425961752	0.421839753	0.84595847 8	
	0	0.998207054				
ENPP6	ENSG00000164303.10	0.870099774	5	2	0.40938669	Brain_Amygdala
	0.994631792	Brain_Caudate_basal_ganglia	3.780908051	0.03364059		
	1.009980144	-0.824973404	0.281032069	-0.23456999	0.427266387	
	2	0	0.998207054			
LSAMP	ENSG00000185565.11	0.870158686	2	2	0.600843846	Brain_Cerebellum
	0.99484438	Brain_Cortex	1.138404369	0.861595631	0.861595631	
	0.006461656	0.523187403	0.26482453	0.36538028 2 0	0.998207054	
TEX2	ENSG00000136478.7	0.870279854	2	2	0.604067507	
	Brain_Spinal_cord_cervical_c-1	0.899160584	Brain_Cerebellum	1.062019845		
	0.937980155	0.937980155	-0.126721809	0.518560146	0.195919169	
	0.456283246	2 0	0.998207054			
ATF4	ENSG00000128272.14	0.870373757	8	4	0.161782629	Brain_Cortex
	0.949392317	Brain_Cerebellar_Hemisphere	5.995614109	0.008974638		
	0.301566287	-1.399101229	-0.063469913	-0.690919172	0.385809816	
	4	0	0.998207054			
CTD-2192J16.26	ENSG00000268945.1	0.870446216	1	1	0.870446216	
	Brain_Hypothalamus	0.870446216	Brain_Hypothalamus	1 1 1		
	0.163091723	0.163091723	0.163091723	NA 1 0	0.998207054	
RP11-332J15.2	ENSG00000250060.1	0.870509872	9	3	0.576655836	

	Brain_Hypothalamus	0.979864417		Brain_Cerebellar_Hemisphere	7.662222993				
	0.012976746	0.31445658	-0.519657144	0.558276139		-0.119768349			
	0.378382136	3	0	0.998207054					
FBLL1	ENSG00000188573.7	0.870555442	10	5	0.309583393				
	Brain_Putamen_basal_ganglia	0.988629174		Brain_Cerebellar_Hemisphere					
	6.722095279	0.034079169	0.398775817	-1.016096589	0.569150884				
	-0.135613639	0.530879129	5	0	0.998207054				
CLDN10	ENSG00000134873.9	0.870597628	3	2	0.636566066				
	Brain_Frontal_Cortex_BA9	0.947694841		Brain_Caudate_basal_ganglia					
	1.975408908	0.026375966	0.998215126	-0.472505432	0.366391899				
	-0.013503905	0.425006435	2	0	0.998207054				
GS1-166A23.1	ENSG00000272537.1	0.870654485	1	1	0.870654485				
	Brain_Amygdala	0.870654485	Brain_Amygdala	1	1	1	-0.162827209		
	-0.162827209	-0.162827209	NA	1	0	0.998207054			
ADCY4	ENSG00000129467.13	0.870662311	7	5	0.517940029				
	Brain_Nucleus_accumbens_basal_ganglia	0.971755275		Brain_Caudate_basal_ganglia					
	5.359832734	0.038876847	0.21044274	-0.646524046	0.474607427				
	0.021676215	0.431414149	5	0	0.998207054				
TUBGCP2	ENSG00000130640.13	0.87069062	3	3	0.532250701				
	Brain_Spinal_cord_cervical_c-1	0.799709028							
	Brain_Nucleus_accumbens_basal_ganglia	1.570441586	0.43821679	0.43821679					
	-0.550956716	0.624573982	0.109113653	0.60095936	3	0			
	0.998207054								
ZNF160	ENSG00000170949.17	0.870728866	8	8	0.255454852				
	Brain_Amygdala	0.870321885	Brain_Putamen_basal_ganglia	4.133330238					
	0.152798151	0.152798151	-1.137199606	1.015309828	-0.370499707				
	0.67708923	8	0	0.998207054					
C9orf24	ENSG00000164972.12	0.87073758	6	5	0.546002555		Brain_Cortex		
	0.886062439	Brain_Amygdala	4.337842478	0.117012959	0.154188441				
	-0.174850359	0.603760995	0.265382852	0.350106466	5	0			
	0.998207054								
NOL10	ENSG00000115761.15	0.87083385	9	5	0.234953046				
	Brain_Frontal_Cortex_BA9	0.68275376	Brain_Putamen_basal_ganglia	6.645823906					
	0.000190574	0.244090788	-1.187696391	-0.408708276	-0.792980706				
	0.2658647	5	0	0.998207054					
TRPM6	ENSG00000119121.21	0.871011481	2	2	0.599207971				
	Brain_Cerebellar_Hemisphere	0.769667008		Brain_Cerebellum	1.552640741				
	0.447359259	0.447359259	0.292810492	0.525539832	0.409175162				
	0.164564495	2	0	0.998207054					
SEMA3A	ENSG00000075213.10	0.871204291	2	2	0.775687334				
	Brain_Spinal_cord_cervical_c-1	0.822814763							
	Brain_Nucleus_accumbens_basal_ganglia	1.52839504	0.47160496	0.47160496					
	0.223926156	0.284943624	0.25443489	0.043145865	2	0			
	0.998207054								
CSNK1A1L	ENSG00000180138.7	0.871236804	1	1	0.871236804				
	Brain_Spinal_cord_cervical_c-1	0.871236804		Brain_Spinal_cord_cervical_c-1					
	1	1	1	0.162087685	0.162087685	0.162087685	NA	1	0
	0.998207054								
MDC1	ENSG00000137337.14	0.871249903	4	4	0.53161643				
	Brain_Substantia_nigra	0.789151832		Brain_Cortex	2.083231974				
	0.389268483	0.389268483	-0.625540417	0.562059636	-0.010356448				
	0.536060732	4	0	0.998207054					
LRRC19	ENSG00000184434.7	0.871335723	1	1	0.871335723				
	Brain_Cerebellum	0.871335723	Brain_Cerebellum	1	1	1	-0.16196207		
	-0.16196207	-0.16196207	NA	1	0	0.998207054			
ZNF440	ENSG00000171295.12	0.871359887	1	1	0.871359887				
	Brain_Nucleus_accumbens_basal_ganglia	0.871359887							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.161931385				
	0.161931385	0.161931385	NA	1	0	0.998207054			
LINC00847	ENSG00000245060.6	0.871396266	1	1	0.871396266				
	Brain_Caudate_basal_ganglia	0.871396266		Brain_Caudate_basal_ganglia	1	1			
	1	0.161885189	0.161885189	0.161885189	NA	1	0		

0.998207054

ATP10A ENSG00000206190.11 0.87139738 3 3 0.582080196
Brain_Frontal_Cortex_BA9 0.9609357 Brain_Cerebellum1.274829312
0.673929348 0.673929348 -0.452517625 0.550348746 0.048936846
0.501433187 3 0 0.998207054

CTD-2256P15.5 ENSG00000271715.1 0.87140355 1 1 0.87140355
Brain_Cerebellar_Hemisphere0.87140355 Brain_Cerebellar_Hemisphere1 1 1
0.16187594 0.16187594 0.16187594 NA 1 0 0.998207054

ZNF140 ENSG00000196387.9 0.871415997 3 3 0.561096644
Brain_Cerebellar_Hemisphere0.766315102 Brain_Cerebellum2.31755746
0.091167638 -0.091167638 0.297198323 -0.581213391 0.445025795
0.142364865 3 0 0.998207054

AP000473.8 ENSG00000270093.1 0.871519988 2 2 0.653716236
Brain_Nucleus_accumbens_basal_ganglia 0.81774901 Brain_Cerebellum1.089403587
0.910596413 0.910596413 -0.448605541 0.230441122 -0.109082209
0.4801585 2 0 0.998207054

LINC01013 ENSG00000228495.1 0.871592364 1 1 0.871592364
Brain_Frontal_Cortex_BA9 0.871592364 Brain_Frontal_Cortex_BA9 1 1
1 -0.161636181 -0.161636181 -0.161636181 NA 1 0
0.998207054

KIAA0513 ENSG00000135709.12 0.871662925 3 3 0.54518522 Brain_Cerebellum
0.916707961 Brain_Cortex 2.391609038 0.116736575 0.116736575
-0.604990634 0.104581418 -0.293030723 0.36245738 3 0
0.998207054

LCN9 ENSG00000148386.9 0.871691065 5 4 0.279639649
Brain_Anterior_cingulate_cortex_BA24 0.932665876 Brain_Amygdala
2.347362668 2.30E-16 0.258401641 -1.081129193 -0.084491229
-0.53534036 0.502301634 4 0 0.998207054

CASZ1 ENSG00000130940.14 0.871841979 4 4 0.525440809
Brain_Hippocampus 0.70522241 Brain_Anterior_cingulate_cortex_BA24
1.397686143 0.595361803 0.595361803 -0.634980997 0.378280257
-0.291508383 0.456936564 4 0 0.998207054

TRIM4 ENSG00000146833.15 0.871863589 12 1 0.750558283
Brain_Hippocampus 0.943243951 Brain_Anterior_cingulate_cortex_BA24
11.78265122 6.36E-10 11.78265122 0.071193253 0.317903308
0.160532415 0.075654839 1 0 0.998207054

AXIN1 ENSG00000103126.14 0.871883279 3 3 0.484756554
Brain_Hypothalamus 0.750620215 Brain_Cerebellum1.93446299 0.068309191
0.068309191 -0.698672771 0.439478004 0.0195423 0.624959784 3
0 0.998207054

TGIF1 ENSG00000177426.20 0.871900562 1 1 0.871900562
Brain_Cerebellar_Hemisphere0.871900562 Brain_Cerebellar_Hemisphere1 1
1 0.161244845 0.161244845 0.161244845 NA 1 0
0.998207054

ZNF286B ENSG00000249459.8 0.871909497 1 1 0.871909497
Brain_Cerebellum0.871909497 Brain_Cerebellum1 1 1 -0.161233501
-0.161233501 -0.161233501 NA 1 0 0.998207054

MON1B ENSG00000103111.14 0.871974529 9 5 0.305246377
Brain_Spinal_cord_cervical_c-1 0.995055491 Brain_Cerebellar_Hemisphere
6.769289317 0.033692631 0.252367019 -0.099236482 1.025247592
0.263625994 0.350827097 5 0 0.998207054

C16orf46 ENSG00000166455.13 0.871977357 2 2 0.636024646
Brain_Caudate_basal_ganglia0.918330552 Brain_Putamen_basal_ganglia
1.241817506 0.758182494 0.758182494 -0.473264276 0.102536866
-0.185363705 0.407152892 2 0 0.998207054

SLC10A7 ENSG00000120519.14 0.872051239 2 2 0.665864185
Brain_Cortex 0.738043198 Brain_Cerebellar_Hemisphere1.093097579
0.906902421 0.906902421 0.334445781 -0.431831085 0.383138433
0.068861809 2 0 0.998207054

RHOV ENSG00000104140.6 0.872101244 5 4 0.634774895
Brain_Frontal_Cortex_BA9 0.960724783 Brain_Anterior_cingulate_cortex_BA24
3.86946489 0.056301646 0.139822115 -0.475016946 0.240957752

	-0.092061137	0.312658582	4	0	0.998207054			
NAPB	ENSG00000125814.17	0.872107001	1	1	0.872107001			
	Brain_Anterior_cingulate_cortex_BA24				0.872107001			
	Brain_Anterior_cingulate_cortex_BA24		1	1		-0.160982732		
	-0.160982732	-0.160982732	NA	1	0	0.998207054		
FAM153C	ENSG00000204677.10	0.872137587		9	9	0.142122744		
	Brain_Cortex	0.882344997				Brain_Putamen_basal_ganglia	2.987909645	
	0.120063137	0.120063137				-1.467931819	0.606911128	-0.637782368
	0.654552892	9	0		0.998207054			
NDUFB1	ENSG00000183648.9	0.872173626		2	2	0.601105916		
	Brain_Cerebellar_Hemisphere	0.823076695				Brain_Cortex	1.451941445	
	0.548058555	0.548058555				0.223589551	0.52281081	0.37320018
	0.211581382	2	0		0.998207054			
CCAR1	ENSG00000060339.13	0.872667563		1	1	0.872667563		
	Brain_Nucleus_accumbens_basal_ganglia					0.872667563		
	Brain_Nucleus_accumbens_basal_ganglia		1	1	1		0.16027105	0.16027105
	0.16027105	NA	1	0		0.998207054		
CSNK2B	ENSG00000204435.13	0.872680582		2	2	0.605106525		
	Brain_Frontal_Cortex_BA9	0.945668889				Brain_Caudate_basal_ganglia	1.0050776	
	0.9949224	0.9949224	0.068146658			0.517071103	0.292608881	0.31743752
	2	0			0.998207054			
RP11-583F2.2	ENSG00000265912.1	0.872729047		5	5	0.204567701		
	Brain_Nucleus_accumbens_basal_ganglia	0.843680179				Brain_Caudate_basal_ganglia		
	1.300733447	0.77250546	0.77250546			-0.476570906	1.268645015	
	0.294205105	0.624678593	5	0		0.998207054		
DNAH11	ENSG00000105877.17	0.872782227		4	3	0.582160358		
	Brain_Frontal_Cortex_BA9	0.87959501				Brain_Cortex	2.834839304	
	0.004999188	0.159961614				-0.550231854	0.416354962	-0.174175002
	0.426968696	3	0		0.998207054			
ITGA8	ENSG00000077943.7	0.87289469	6	6		0.24193357	Brain_Caudate_basal_ganglia	
	0.90049586	Brain_Cerebellum	2.145604176			0.367452948	0.367452948	
	-1.170167497	0.595387325				-0.379172435	0.660425719	6
	0.998207054							0
GAREM1	ENSG00000141441.15	0.872963766		2	2	0.602186483		
	Brain_Anterior_cingulate_cortex_BA24	0.979357615				Brain_Cerebellum		
	1.043082479	0.956917521	0.956917521			-0.521258821	0.02587428	
	-0.247692271	0.386881526	2	0		0.998207054		
RAP1A	ENSG00000116473.14	0.872999053		3	3	0.404586895	Brain_Amygdala	
	0.888028817	Brain_Cerebellar_Hemisphere	1.846740486			0.253513625		
	0.253513625	-0.833457256	-0.140798893			-0.373589333	0.398267547	
	3	0			0.998207054			
SENP6	ENSG00000112701.17	0.873004057		5	3	0.429347288		
	Brain_Cerebellar_Hemisphere	0.981546187				Brain_Putamen_basal_ganglia		
	3.621348046	0.03565614	0.309330338			-0.790309076	0.065218005	
	-0.178717894	0.349301712	3	0		0.998207054		
CLEC2L	ENSG00000236279.6	0.873040467		3	3	0.535110266		
	Brain_Putamen_basal_ganglia	0.97160875	Brain_Cerebellum	1.911694177				
	0.102584115	0.102584115				-0.620224087	0.035590667	-0.297743436
	0.328042064	3	0		0.998207054			
ST6GALNAC5	ENSG00000117069.14	0.873048897		1	1	0.873048897		
	Brain_Putamen_basal_ganglia	0.873048897				Brain_Putamen_basal_ganglia	1	1
	1	-0.15978696	-0.15978696			-0.15978696	NA	1
	0.998207054							0
PRPF38A	ENSG00000134748.12	0.873154294		1	1	0.873154294		
	Brain_Caudate_basal_ganglia	0.873154294				Brain_Caudate_basal_ganglia	1	1
	1	-0.159653169	-0.159653169			-0.159653169	NA	1
	0.998207054							0
FBXO30	ENSG00000118496.4	0.873170638		1	1	0.873170638		
	Brain_Hypothalamus	0.873170638				Brain_Hypothalamus	1	1
	0.159632422	0.159632422	0.159632422			NA	1	0
								0.998207054
CRYL1	ENSG00000165475.13	0.873265841		2	2	0.61817593	Brain_Hippocampus	
	0.873946379	Brain_Amygdala	1.01678514			0.98321486	0.98321486	-0.49843719

PHF1	ENSG00000112511.17	0.158647785	-0.169894702	0.87339816	1	1	0.87339816	2	0	0.998207054
	Brain_Spinal_cord_cervical_c-1	0.159343615	0.159343615	0.87339816	1	1	0.87339816	2	0	0.998207054
	Brain_Spinal_cord_cervical_c-1	0.159343615	0.159343615	0.87339816	1	1	0.87339816	2	0	0.998207054
ARIH2OS	ENSG00000221883.2	0.159092316	0.159092316	0.873596142	1	1	0.873596142	1	1	0.998207054
	Brain_Hypothalamus	0.159092316	0.159092316	0.873596142	1	1	0.873596142	1	1	0.998207054
	Brain_Hypothalamus	0.159092316	0.159092316	0.873596142	1	1	0.873596142	1	1	0.998207054
SND1	ENSG00000197157.10	0.066581024	0.241947835	0.873626526	7	4	0.329314244	4	0	0.998207054
	Brain_Putamen_basal_ganglia	0.066581024	0.241947835	0.873626526	7	4	0.329314244	4	0	0.998207054
	Brain_Cerebellum	0.277166231	0.277166231	0.873626526	7	4	0.329314244	4	0	0.998207054
DCLRE1A	ENSG00000198924.7	0.831222581	0.471735818	0.873632218	3	3	0.466830664	3	3	0.998207054
	Brain_Cortex	0.831222581	0.471735818	0.873632218	3	3	0.466830664	3	3	0.998207054
	Brain_Nucleus_accumbens_basal_ganglia	0.82552307	0.82552307	0.873632218	3	3	0.466830664	3	3	0.998207054
AP3D1	ENSG00000065000.15	0.597534389	0.597534389	0.824359429	3	3	0.617059236	3	3	0.998207054
	Brain_Hypothalamus	0.597534389	0.597534389	0.824359429	3	3	0.617059236	3	3	0.998207054
	Brain_Cortex	0.506004044	0.506004044	0.824359429	3	3	0.617059236	3	3	0.998207054
LINC00959	ENSG00000237489.3	0.907816891	0.907816891	0.873842673	3	3	0.523260249	3	3	0.998207054
	Brain_Hippocampus	0.907816891	0.907816891	0.873842673	3	3	0.523260249	3	3	0.998207054
	Brain_Caudate_basal_ganglia	0.127936301	0.127936301	0.873842673	3	3	0.523260249	3	3	0.998207054
TAF1A	ENSG00000143498.17	0.772627356	-0.830257886	0.873850196	3	3	0.406392993	3	3	0.998207054
	Brain_Caudate_basal_ganglia	0.772627356	-0.830257886	0.873850196	3	3	0.406392993	3	3	0.998207054
	Brain_Cortex	0.161876538	-0.161876538	0.873850196	3	3	0.406392993	3	3	0.998207054
ANXA4	ENSG00000196975.15	0.158730643	0.158730643	0.873881094	1	1	0.873881094	1	1	0.998207054
	Brain_Cerebellar_Hemisphere	0.158730643	0.158730643	0.873881094	1	1	0.873881094	1	1	0.998207054
	Brain_Cerebellar_Hemisphere	0.158730643	0.158730643	0.873881094	1	1	0.873881094	1	1	0.998207054
RP11-219A15.5	ENSG00000283033.1	0.255784019	-0.917284811	0.87391606	9	4	0.358993415	9	4	0.998207054
	Brain_Cortex	0.255784019	-0.917284811	0.87391606	9	4	0.358993415	9	4	0.998207054
	Brain_Amygdala	0.081081384	0.081081384	0.87391606	9	4	0.358993415	9	4	0.998207054
VSIG10L	ENSG00000186806.5	0.016736403	1.983263597	0.873975372	2	1	0.863395818	2	1	0.998207054
	Brain_Cerebellar_Hemisphere	0.016736403	1.983263597	0.873975372	2	1	0.863395818	2	1	0.998207054
	Brain_Cerebellum	0.019950464	0.019950464	0.873975372	2	1	0.863395818	2	1	0.998207054
AKIP1	ENSG00000166452.11	0.730399608	0.684547022	0.874014769	6	6	0.493629808	6	6	0.998207054
	Brain_Cerebellum	0.730399608	0.684547022	0.874014769	6	6	0.493629808	6	6	0.998207054
	Brain_Cortex	-0.406648986	0.406648986	0.874014769	6	6	0.493629808	6	6	0.998207054
PRR15L	ENSG00000167183.2	0.158369823	0.158369823	0.874165391	1	1	0.874165391	1	1	0.998207054
	Brain_Cerebellum	0.158369823	0.158369823	0.874165391	1	1	0.874165391	1	1	0.998207054
	Brain_Cerebellum	0.158369823	0.158369823	0.874165391	1	1	0.874165391	1	1	0.998207054
IMPG2	ENSG00000081148.11	0.912271669	0.912271669	0.874176003	1	1	0.874176003	1	1	0.998207054
	Brain_Cerebellar_Hemisphere	0.912271669	0.912271669	0.874176003	1	1	0.874176003	1	1	0.998207054
	Brain_Cerebellar_Hemisphere	0.912271669	0.912271669	0.874176003	1	1	0.874176003	1	1	0.998207054
MYRIP	ENSG00000170011.13	0.071763843	0.699341043	0.874320974	3	2	0.601718627	3	2	0.998207054
	Brain_Substantia_nigra	0.071763843	0.699341043	0.874320974	3	2	0.601718627	3	2	0.998207054
	Brain_Cerebellum	0.436704912	0.436704912	0.874320974	3	2	0.601718627	3	2	0.998207054
RP11-16E12.2	ENSG00000259772.6	0.912271669	0.912271669	0.874458626	2	2	0.612491737	2	2	0.998207054
	Brain_Cerebellar_Hemisphere	0.912271669	0.912271669	0.874458626	2	2	0.612491737	2	2	0.998207054
	Brain_Cerebellum	0.313270049	0.313270049	0.874458626	2	2	0.612491737	2	2	0.998207054
RP11-127B20.2	ENSG00000273156.1	-0.157895027	-0.157895027	0.874539517	1	1	0.874539517	1	1	0.998207054
	Brain_Hypothalamus	-0.157895027	-0.157895027	0.874539517	1	1	0.874539517	1	1	0.998207054
	Brain_Hypothalamus	-0.157895027	-0.157895027	0.874539517	1	1	0.874539517	1	1	0.998207054

TRAPPC5	ENSG00000181029.8	0.874835993	4	4	0.387868677	
	Brain_Putamen_basal_ganglia	0.809122291			Brain_Cerebellum	1.90609143
	0.121990126	0.121990126			-0.241558488	-0.532490727
	0.277308296	4	0	0.998207054		
FAM160A1	ENSG00000164142.15	0.875051236	2	1	0.825856984	
	Brain_Cerebellar_Hemisphere	0.924964978			Brain_Cerebellum	1.99629232 0.00370768
	1.99629232	0.094181503	0.220018196	0.157099849	0.088979978	1
	0	0.998207054				
ZNF605	ENSG00000196458.10	0.875061906	9	8	0.107420667	
	Brain_Caudate_basal_ganglia	0.695866916			Brain_Cerebellar_Hemisphere	
	4.351144366	0.038749856	0.194029122		-1.609895519	-0.390905733
	-0.714882945	0.361801362	8	0	0.998207054	
ADCY9	ENSG00000162104.9	0.875088331	1	1	0.875088331	Brain_Cortex
	0.875088331	Brain_Cortex	1	1	1	-0.157198601 -0.157198601
	-0.157198601	NA	1	0	0.998207054	
RP11-112L6.3	ENSG00000237595.3	0.875176174	4	3	0.46368019	
	Brain_Putamen_basal_ganglia	0.86071744	Brain_Caudate_basal_ganglia	2.626185507		
	0.084591032	0.297519302	-0.73280038	0.364034613	-0.264182377	
	0.477421522	3	0	0.998207054		
APOBEC2	ENSG00000124701.5	0.875176858	3	3	0.507635842	
	Brain_Amygdala	0.887055841	Brain_Cerebellar_Hemisphere	1.385715908		
	0.620320547	0.620320547	-0.142030593	0.662523402	0.330757733	
	0.420407332	3	0	0.998207054		
LRCOL1	ENSG00000204583.9	0.875182271	2	2	0.653007993	
	Brain_Caudate_basal_ganglia	0.78696187	Brain_Cortex	1.036532774		
	0.963467226	0.963467226	0.270257877	0.449587375	0.359922626	
	0.126805104	2	0	0.998207054		
RP11-532F6.4	ENSG00000271727.1	0.875611014	1	1	0.875611014	
	Brain_Cortex	0.875611014	Brain_Cortex	1	1	1 0.156535405
	0.156535405	0.156535405	NA	1	0	0.998207054
Clorf145	ENSG00000162913.9	0.875657972	7	5	0.502185452	
	Brain_Cerebellar_Hemisphere	0.8544859	Brain_Spinal_cord_cervical_c-1			
	3.803104918	0.054206674	0.210887404	-0.671055064	0.330723053	
	-0.236778405	0.386805987	5	0	0.998207054	
CHEK1	ENSG00000149554.12	0.87574164	5	4	0.422811512	Brain_Cortex
	0.999467932	Brain_Cerebellar_Hemisphere	4.117441279	0.096241786		
	0.162663481	-0.007056888	0.801553108	0.287336848	0.331500727	
	4	0	0.998207054			
LINC01277	ENSG00000229017.6	0.875759418	2	2	0.65779917	Brain_Cortex
	0.830219021	Brain_Hypothalamus	1.106108842	0.893891158		
	0.893891158	-0.442953775	-0.214420674	-0.328687225	0.161597305	
	2	0	0.998207054			
ZNF572	ENSG00000180938.5	0.87576502	1	1	0.87576502	Brain_Cortex
	0.87576502	Brain_Cortex	1	1	1	-0.156340011 -0.156340011
	-0.156340011	NA	1	0	0.998207054	
NRP2	ENSG00000118257.16	0.875805541	1	1	0.875805541	
	Brain_Nucleus_accumbens_basal_ganglia	0.875805541				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.156288601	
	0.156288601	0.156288601	NA	1	0	0.998207054
RYR3	ENSG00000198838.13	0.875844424	2	2	0.632034969	Brain_Cortex
	0.837709797	Brain_Cerebellar_Hemisphere	1.032696406	0.967303594		
	0.967303594	0.204823793	0.478864582	0.341844188	0.1937761	2
	0	0.998207054				
HMG20A	ENSG00000140382.14	0.875974894	6	5	0.209754597	
	Brain_Cerebellum	0.849514365	Brain_Putamen_basal_ganglia	4.157948126		
	0.073849316	0.139154412	0.189738099	1.254240518	0.857549537	
	0.355282754	5	0	0.998207054		
SERPINB9	ENSG00000170542.5	0.87598958	2	2	0.609464714	Brain_Cerebellum
	0.689109632	Brain_Cerebellar_Hemisphere	1.695965736	0.304034264		
	0.304034264	0.400063657	0.510837691	0.455450674	0.078329071	
	2	0	0.998207054			
CAMK2B	ENSG00000058404.19	0.876198199	9	5	0.166060312	

	Brain_Cortex	0.963222913		Brain_Caudate_basal_ganglia	6.423129262				
	0.027746281	0.235040442		-1.384974347	0.118025239				-0.796300584
	0.529100629	5	0	0.998207054					
DAD1	ENSG00000129562	10	0.876316968	10	2	0.707146085			
	Brain_Anterior_cingulate_cortex_BA24	0.981616812		Brain_Frontal_Cortex_BA9					
	9.062325291	5.77E-05	0.489250842	-0.292776353	0.375691732				
	-0.038418069	0.215142371	2	0	0.998207054				
FRMD4A	ENSG00000151474	21	0.876349997	1	1	0.876349997			
	Brain_Frontal_Cortex_BA9	0.876349997		Brain_Frontal_Cortex_BA9	1	1			
	1	0.155597878	0.155597878	0.155597878	NA	1	0		
	0.998207054								
C1QL4	ENSG00000186897	4	0.876413983	3	2	0.545587962			
	Brain_Hippocampus	0.997006476		Brain_Amygdala	2.376857801				
	0.077469751	0.545672449	0.003751835	0.604384615	0.343621911				
	0.308031519	2	0	0.998207054					
MED25	ENSG00000104973	16	0.876522473	3	3	0.410699265			
	Brain_Spinal_cord_cervical_c-1	0.836683686		Brain_Frontal_Cortex_BA9					
	1.81347591	0.292763506	0.292763506	-0.822663697	-0.20613727				
	-0.44103795	0.333425243	3	0	0.998207054				
AP5Z1	ENSG00000242802	6	0.876525243	1	1	0.876525243		Brain_Amygdala	
	0.876525243	Brain_Amygdala	1	1	1	-0.15537557		-0.15537557	
	-0.15537557	NA	1	0	0.998207054				
PDZRN4	ENSG00000165966	14	0.876684904	3	3	0.503996995			
	Brain_Frontal_Cortex_BA9	0.844694915		Brain_Cortex	1.417745778				
	0.58985086	0.58985086	-0.668214008	0.506941397	-0.119054778				
	0.591333657	3	0	0.998207054					
RP5-998N21.4	ENSG00000234571	1.1	0.876694739	1	1	0.876694739			
	Brain_Substantia_nigra	0.876694739		Brain_Substantia_nigra	1	1			
	1	-0.155160561	-0.155160561	-0.155160561	NA	1	0		
	0.998207054								
RP11-403I13.5	ENSG00000232721	2	0.876694739	9	1	0.876694739			
	Brain_Anterior_cingulate_cortex_BA24	0.876694739		Brain_Caudate_basal_ganglia					
	9	1.36E-33	9	0.155160561	0.155160561	0.155160561	1.39E-17		
	1	0	0.998207054						
RP11-14N7.2	ENSG00000232527	7	0.876694739	2	1	0.876694739			
	Brain_Hippocampus	0.876694739		Brain_Nucleus_accumbens_basal_ganglia	2				
	3.35E-17	2	-0.155160561	0.155160561	1.39E-17	0.21943017	1	0	
	0.998207054								
C3orf14	ENSG00000114405	10	0.87673038	1	1	0.87673038		Brain_Cerebellum	
	0.87673038	Brain_Cerebellum	1	1	0.155115351	0.155115351			
	0.155115351	NA	1	0	0.998207054				
IPCEF1	ENSG00000074706	13	0.876790945	1	1	0.876790945			
	Brain_Spinal_cord_cervical_c-1	0.876790945		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.155038526	-0.155038526	-0.155038526	NA	1	0
	0.998207054								
LINC00475	ENSG00000225511	6	0.876822925	3	3	0.441556086			
	Brain_Hypothalamus	0.653026247		Brain_Cerebellum	2.286789498				
	0.271045776	0.271045776	0.449562064	0.76956818	0.627447279				
	0.16297329	3	0	0.998207054					
FGF20	ENSG00000078579	8	0.876867462	1	1	0.876867462			
	Brain_Cerebellar_Hemisphere	0.876867462		Brain_Cerebellar_Hemisphere	1	1			
	1	-0.154941468	-0.154941468	-0.154941468	NA	1	0		
	0.998207054								
ART3	ENSG00000156219	16	0.876874921	5	4	0.318648391			
	Brain_Frontal_Cortex_BA9	0.986282794		Brain_Cortex	2.808310857				
	0.079591089	0.140005764	-0.751015386	0.997239254	0.03765424				
	0.788494814	4	0	0.998207054					
NGF	ENSG00000134259	3	0.87690493	1	1	0.87690493		Brain_Cerebellum	0.87690493
	Brain_Cerebellum	1	1	1	0.154893941	0.154893941	0.154893941		
	NA	1	0	0.998207054					
KLHL7-AS1	ENSG00000230658	1	0.876961614	13	1	0.535394109			
	Brain_Cerebellum	0.962858719		Brain_Putamen_basal_ganglia	12.72497448				

	0.000126775	12.72497448	-0.124027117	0.619792953	0.155251882
	0.176312678	1 0	0.998207054		
PHLDA1	ENSG00000139289.13	0.876985037	1 1	0.876985037	
	Brain_Nucleus_accumbens_basal_ganglia	0.876985037			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	0.154792331	
	0.154792331	0.154792331	NA 1	0	0.998207054
PRDM15	ENSG00000141956.13	0.877137134	11 11	0.047878172	
	Brain_Frontal_Cortex_BA9	0.955406775		Brain_Cerebellar_Hemisphere	
	2.459700766	0.327377858	0.327377858	-0.348457423	1.978448151
	0.337062829	0.682260308	11 0	0.998207054	
LINC01114	ENSG00000234177.5	0.877209046	13 2	0.614904376	
	Brain_Spinal_cord_cervical_c-1	0.98689898		Brain_Nucleus_accumbens_basal_ganglia	
	11.09513574	8.43E-05	1.035544553	-0.426727234	0.503085193
	-0.124773955	0.287585464	2 0	0.998207054	
MFF	ENSG00000168958.19	0.87723365	10 6	0.203430374	Brain_Hypothalamus
	0.982019591	Brain_Cortex	6.224134466	0.017204162	0.329641157
	-1.271838874	0.307391069	-0.119445391	0.490808625	6 0
	0.998207054				
TTC39A	ENSG00000085831.15	0.877300876	1 1	0.877300876	
	Brain_Nucleus_accumbens_basal_ganglia	0.877300876			
	Brain_Nucleus_accumbens_basal_ganglia	1 1	1	-0.154391727	
	-0.154391727	-0.154391727	NA 1	0	0.998207054
CTD-2126E3.4	ENSG00000267890.1	0.877550017	1 1	0.877550017	
	Brain_Spinal_cord_cervical_c-1	0.877550017		Brain_Spinal_cord_cervical_c-1	
	1 1 1	0.15407574	0.15407574	0.15407574	NA 1 0
					0.998207054
ABCA9	ENSG00000154258.16	0.877628787	5 4	0.637448541	Brain_Cerebellum
	0.988903972	Brain_Anterior_cingulate_cortex_BA24	2.992570857		
	0.083832328	0.19249084	-0.3683047	0.471269153	0.133006229
	0.331480325	4 0	0.998207054		
CCNDBP1	ENSG00000166946.13	0.877725011	4 4	0.323382687	
	Brain_Caudate_basal_ganglia	0.933866004		Brain_Anterior_cingulate_cortex_BA24	
	1.673766447	0.292167181	0.292167181	-0.082981809	0.987530401
	0.400379847	0.482397944	4 0	0.998207054	
DNMBP	ENSG00000107554.16	0.877751385	2 2	0.613967971	Brain_Cerebellum
	0.80487102	Brain_Cerebellar_Hemisphere	1.614382387	0.385617613	
	0.385617613	-0.504417573	-0.247048073	-0.375732823	0.181987719
	2 0	0.998207054			
LINC00854	ENSG00000236383.8	0.877810531	4 2	0.568260126	
	Brain_Hypothalamus	0.711214153		Brain_Hippocampus	3.76298388
	0.012832349	0.181579004	0.370225937	0.57061577	0.49291813
	0.087941835	2 0	0.998207054		
ESYT2	ENSG00000117868.15	0.877819425	8 4	0.590378506	Brain_Cortex
	0.931987131	Brain_Frontal_Cortex_BA9	6.214821365	0.087228528	
	0.217909242	-0.502360667	0.538287607	0.248515865	0.33633997 4
	0	0.998207054			
SUMO4	ENSG00000177688.6	0.877973316	2 2	0.613620238	Brain_Cortex
	0.940384292	Brain_Frontal_Cortex_BA9	1.003371096	0.996628904	
	0.996628904	-0.504912579	-0.074786866	-0.289849722	0.304144809
	2 0	0.998207054			
POMT2	ENSG00000009830.11	0.878025108	7 7	0.097635989	
	Brain_Anterior_cingulate_cortex_BA24	0.826170862		Brain_Caudate_basal_ganglia	
	1.586665797	0.419847089	0.419847089	0.219615188	1.656423978
	0.606941459	0.512516352	7 0	0.998207054	
PSMG2	ENSG00000128789.20	0.878027169	3 3	0.490448596	
	Brain_Substantia_nigra	0.92456979		Brain_Cerebellum	1.277761722
	0.701843287	0.701843287	-0.689595504	0.483378166	-0.100298783
	0.586507028	3 0	0.998207054		
C4orf33	ENSG00000151470.12	0.878171655	13 3	0.233965238	
	Brain_Amygdala	0.960634017		Brain_Cortex	9.887909443
	0.733504809	-0.193549098	1.190206503	0.489716246	0.008303273
	3 0	0.998207054			0.448702967
FCRLB	ENSG00000162746.14	0.878272365	7 7	0.232207545	

	Brain_Anterior_cingulate_cortex_BA24	0.96465053	Brain_Cerebellar_Hemisphere					
	3.533452717	0.226074361	0.226074361	-1.194691601	-0.044318494			
	-0.600179991	0.42505922	7	0	0.998207054			
VIPR1	ENSG00000114812.12	0.878319815	3	2	0.595308039	Brain_Cortex		
	0.653598467	Brain_Anterior_cingulate_cortex_BA24	2.88895387	0.000833877				
	0.110212252	-0.531159813	-0.448768773	-0.488783025	0.041246297			
	2	0	0.998207054					
CHRND	ENSG00000135902.9	0.878321395	2	2	0.614339075			
	Brain_Nucleus_accumbens_basal_ganglia	0.98150538	Brain_Cerebellum	1.101485812				
	0.898514188	0.898514188	0.023181645	0.503889435	0.26353554			
	0.339911738	2	0	0.998207054				
ASAP2	ENSG00000151693.9	0.878365729	2	2	0.687656796			
	Brain_Cerebellar_Hemisphere	0.695667663	Brain_Spinal_cord_cervical_c-1					
	1.213194679	-0.786805321	0.786805321	-0.391175301	0.402037			
	0.005430849	0.560885797	2	0	0.998207054			
TMA16	ENSG00000198498.9	0.878440883	2	2	0.629340921			
	Brain_Caudate_basal_ganglia	0.87932463	Brain_Nucleus_accumbens_basal_ganglia					
	1.021093714	0.978906286	0.978906286	0.151825423	0.482654717			
	0.31724007	0.233931637	2	0	0.998207054			
HGD	ENSG00000113924.11	0.878505711	1	1	0.878505711			
	Brain_Spinal_cord_cervical_c-1	0.878505711	Brain_Spinal_cord_cervical_c-1					
	1	1	1	0.152863766	0.152863766	0.152863766	NA	1
	0.998207054							0
LINC01550	ENSG00000246223.8	0.878512503	2	2	0.628501512			
	Brain_Caudate_basal_ganglia	0.877530214	Brain_Cerebellum	1.0079698	0.9920302			
	0.9920302	-0.483837059	0.154100855	-0.164868102	0.451090225	2		
	0	0.998207054						
ENDOU	ENSG00000111405.8	0.878594783	2	2	0.630092735			
	Brain_Frontal_Cortex_BA9	0.859861738	Brain_Caudate_basal_ganglia					
	1.025972275	0.974027725	0.974027725	-0.481596328	-0.17655017			
	-0.329073249	0.215700207	2	0	0.998207054			
IL17B	ENSG00000127743.5	0.878637534	2	2	0.647801152			
	Brain_Spinal_cord_cervical_c-1	0.843968709	Brain_Cerebellar_Hemisphere					
	1.058209387	0.941790613	0.941790613	-0.456818995	-0.196819604			
	-0.326819299	0.183847332	2	0	0.998207054			
ZFP69B	ENSG00000187801.14	0.878643026	1	1	0.878643026			
	Brain_Frontal_Cortex_BA9	0.878643026	Brain_Frontal_Cortex_BA9	1	1			
	1	-0.152689646	-0.152689646	-0.152689646	NA	1	0	
	0.998207054							
RP11-38M8.1	ENSG00000273297.1	0.878724985	2	2	0.613925319			
	Brain_Frontal_Cortex_BA9	0.858032167	Brain_Spinal_cord_cervical_c-1					
	1.466421868	0.533578132	0.533578132	-0.504478284	-0.178879694			
	-0.341678989	0.230232971	2	0	0.998207054			
ENPP1	ENSG00000197594.11	0.878745902	3	2	0.616865485			
	Brain_Cerebellar_Hemisphere	0.751908129	Brain_Substantia_nigra					
	2.513596086	0.048570601	0.437833313	0.316124345	0.500297683			
	0.415470848	0.092941219	2	0	0.998207054			
RFLNB	ENSG00000183688.4	0.878787436	12	5	0.193231781			
	Brain_Hypothalamus	0.962371285	Brain_Putamen_basal_ganglia	7.956669983				
	0.027265395	0.318827848	-1.30107793	0.047178096	-0.63712797			
	0.377359805	5	0	0.998207054				
PARP1	ENSG00000143799.12	0.878969674	2	2	0.789932393			
	Brain_Cerebellar_Hemisphere	0.940242939	Brain_Cerebellum	1.764708833				
	0.235291167	0.235291167	-0.266398406	0.074964523	-0.095716941			
	0.241380042	2	0	0.998207054				
SNAP29	ENSG00000099940.11	0.878984767	13	3	0.388723067			
	Brain_Cerebellar_Hemisphere	0.935407585	Brain_Hypothalamus	9.810235536				
	0.000657477	-0.974606554	-0.861935401	-0.562354868	-0.205393872			
	0.378054127	3	0	0.998207054				
ST7L	ENSG00000007341.18	0.879064808	11	2	0.283400637	Brain_Cerebellum		
	0.942501456	Brain_Cerebellar_Hemisphere	9.531859377	0.000371797				
	0.813313953	-1.07271137	0.072126225	-0.447748975	0.302399187			

	2	0	0.998207054						
LINC00404	ENSG00000229520.1	0.879119899	1	1	0.879119899				
	Brain_Amygdala	0.879119899	Brain_Amygdala	1	1	1	-0.152084994		
	-0.152084994	-0.152084994	NA	1	0	0.998207054			
CNR1	ENSG00000118432.12	0.879230019	1	1	0.879230019		Brain_Cerebellum		
	0.879230019	Brain_Cerebellum1	1	1	0.151945376		0.151945376		
	0.151945376	NA	1	0	0.998207054				
SELENOV	ENSG00000186838.13	0.879350423	2	2	0.694594761				
	Brain_Amygdala	0.761078906	Brain_Frontal_Cortex_BA9	1.042193693					
	0.957806307	0.957806307	0.304064297	0.392627316			0.348345807		
	0.062623511	2	0	0.998207054					
ARSA	ENSG00000100299.17	0.879492244	12	8	0.09877711				
	Brain_Anterior_cingulate_cortex_BA24	0.89344516	Brain_Cerebellar_Hemisphere						
	6.205447765	0.018371587	0.212080705	-0.133946146			1.650811311		
	0.90686627	0.602313713	8	0	0.998207054				
KRT83	ENSG00000170523.3	0.879495628	5	3	0.376856478				
	Brain_Spinal_cord_cervical_c-1	0.65887342	Brain_Cortex	4.137934795					
	0.05112066	0.230403009	-0.740341653	0.883703153			-0.040660912		
	0.741407746	3	0	0.998207054					
RP11-504A18.1	ENSG00000260971.3	0.879505546	1	1	0.879505546				
	Brain_Nucleus_accumbens_basal_ganglia	0.879505546							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.151596054				
	0.151596054	0.151596054	NA	1	0	0.998207054			
XXYLT1	ENSG00000173950.15	0.879801961	9	4	0.218172428				
	Brain_Cerebellum	0.92816317	Brain_Caudate_basal_ganglia	7.031001869			0.0346525		
	0.296674491	0.090156099	1.231402324	0.630218416			0.347287231		
	4	0	0.998207054						
POLR1E	ENSG00000137054.15	0.879869013	1	1	0.879869013				
	Brain_Cerebellum	0.879869013	Brain_Cerebellum1	1	1	1	-0.151135267		
	-0.151135267	-0.151135267	NA	1	0	0.998207054			
TEX10	ENSG00000136891.13	0.879929507	6	6	0.181992414				
	Brain_Caudate_basal_ganglia	0.799543453	Brain_Hippocampus	2.590937586					
	0.134762268	0.134762268	-1.334645453	-0.253938005			-0.847863052		
	0.395429531	6	0	0.998207054					
UNC119	ENSG00000109103.11	0.880023266	3	3	0.505613646				
	Brain_Cortex	0.844967531	Brain_Frontal_Cortex_BA9	1.281550785					
	0.726038809	0.726038809	-0.255228284	0.665683149			0.071637141		
	0.515323748	3	0	0.998207054					
RP13-977J11.2	ENSG00000256576.2	0.880099182	13	9	0.321682219				
	Brain_Spinal_cord_cervical_c-1	0.989107572	Brain_Caudate_basal_ganglia						
	6.511490588	0.002326301	0.217074896	-0.904886163			0.991006883		
	0.562200167	0.512695709	9	0	0.998207054				
SPAG8	ENSG00000137098.13	0.88016562	1	1	0.88016562		Brain_Cerebellum	0.88016562	
	Brain_Cerebellum1	1	1	-0.150759266			-0.150759266		
	NA	1	0	0.998207054					
DEPDC1B	ENSG00000035499.12	0.880174049	3	3	0.431480376				
	Brain_Cerebellar_Hemisphere	0.694510759	Brain_Spinal_cord_cervical_c-1						
	2.5176659	0.169511795	0.169511795	-0.392741035			0.786660938		
	0.337463918	0.63794306	3	0	0.998207054				
TAS2R4	ENSG00000127364.3	0.880225266	13	1	0.602958094				
	Brain_Hippocampus	0.999206282	Brain_Caudate_basal_ganglia	12.48832346					
	0.001236254	12.48832346	-0.520151344	0.073710072			-0.147156746		
	0.159022118	1	0	0.998207054					
MOB1B	ENSG00000173542.8	0.880321857	3	3	0.44505538				
	Brain_Anterior_cingulate_cortex_BA24	0.967026972	Brain_Hippocampus						
	1.202493317	0.831019252	0.831019252	-0.041337331			0.763684332		
	0.334211415	0.405210849	3	0	0.998207054				
TLK1	ENSG00000198586.13	0.880353169	1	1	0.880353169				
	Brain_Spinal_cord_cervical_c-1	0.880353169	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.150521526			0.150521526		NA
	0.998207054								1
									0
RP11-7807.2	ENSG00000270091.1	0.880415832	6	3	0.572760936				

	Brain_Cerebellum	0.958925723		Brain_Cortex	5.102582781		0.004247426
	0.257143042	0.05150173	0.563990002		0.377868415	0.210034932	3
	0	0.998207054					
KIF20B	ENSG00000138182.14	0.88050842	3	3	0.592494444	Brain_Cerebellum	
	0.938168539	Brain_Cerebellar_Hemisphere	1.699147611		0.403987653		
	0.403987653	-0.535224765	0.077571971		-0.292837152	0.32584059	3
	0	0.998207054					
FRK	ENSG00000111816.7	0.880553838	5	5	0.253884595		
	Brain_Spinal_cord_cervical_c-1	0.994867099			Brain_Cortex	2.691629668	
	0.231974977	0.231974977	-1.140964743		0.031185601	-0.328496042	
	0.484243814	5	0	0.998207054			
RP11-111H13.1	ENSG00000241962.9	0.88055972	1	1	0.88055972	Brain_Cortex	
	0.88055972	Brain_Cortex	1	1	0.150259708	0.150259708	
	0.150259708	NA	1	0	0.998207054		
PLEKHF1	ENSG00000166289.5	0.880588383	1	1	0.880588383		
	Brain_Cerebellar_Hemisphere	0.880588383			Brain_Cerebellar_Hemisphere	1	1
	1	-0.150223377	-0.150223377	-0.150223377	NA	1	0
	0.998207054						
MAB21L3	ENSG00000173212.4	0.880643051	2	1	0.865297976		
	Brain_Cerebellar_Hemisphere	0.898352363			Brain_Cerebellum	1.961148455	
	0.038851545	1.961148455	-0.169634008		-0.127742997	-0.148688502	
	0.029621418	1	0	0.998207054			
RP11-496D24.2	ENSG00000261121.1	0.880739057	3	3	0.474382805		
	Brain_Amygdala	0.905191036			Brain_Spinal_cord_cervical_c-1	1.322036189	
	0.661975692	0.661975692	0.119106431		0.715366179	0.407963156	
	0.298562214	3	0	0.998207054			
RAPGEF6	ENSG00000158987.20	0.880761753	3	3	0.538200715		
	Brain_Putamen_basal_ganglia	0.969042284			Brain_Cortex	1.503219629	
	0.519356397	0.519356397	-0.495435974		0.615536133	0.052969881	
	0.555621403	3	0	0.998207054			
FCN1	ENSG00000085265.10	0.880766794	1	1	0.880766794		
	Brain_Nucleus_accumbens_basal_ganglia	0.880766794					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.149997239		
	0.149997239	0.149997239	NA	1	0	0.998207054	
PPP3R1	ENSG00000221823.10	0.880814068	1	1	0.880814068		
	Brain_Cortex	0.880814068			Brain_Cortex	1	1
	0.149937319	0.149937319	NA	1	0	0.998207054	
RP11-50D16.4	ENSG00000273507.4	0.880873969	1	1	0.880873969		
	Brain_Caudate_basal_ganglia	0.880873969			Brain_Caudate_basal_ganglia	1	1
	1	-0.149861397	-0.149861397	-0.149861397	NA	1	0
	0.998207054						
TRMU	ENSG00000100416.12	0.880918591	4	3	0.46409742		
	Brain_Putamen_basal_ganglia	0.65408085			Brain_Hippocampus	2.646570995	
	0.030228849	0.380174282	0.448100247		0.732116572	0.587847714	
	0.117161055	3	0	0.998207054			
TEKT3	ENSG00000125409.12	0.880953599	11	4	0.489034169		
	Brain_Caudate_basal_ganglia	0.984161191			Brain_Hypothalamus	7.851684234	
	0.009544741	0.288147354	-0.691845803		0.550468199	0.004373137	
	0.356096425	4	0	0.998207054			
DUS1L	ENSG00000169718.17	0.8809542	1	1	0.8809542	Brain_Cortex	0.8809542
	Brain_Cortex	1	1	1	-0.149759707	-0.149759707	-0.149759707
	NA	1	0	0.998207054			
ZNF7	ENSG00000147789.15	0.881013317	1	1	0.881013317		
	Brain_Caudate_basal_ganglia	0.881013317			Brain_Caudate_basal_ganglia	1	1
	1	-0.14968478	-0.14968478	-0.14968478	NA	1	0
	0.998207054						
PSD2	ENSG00000146005.3	0.88106369	1	1	0.88106369	Brain_Frontal_Cortex_BA9	
	0.88106369	Brain_Frontal_Cortex_BA9	1	1	1	-0.149620935	
	-0.149620935	-0.149620935	NA	1	0	0.998207054	
CD300E	ENSG00000186407.6	0.881280655	2	2	0.61829694		
	Brain_Hypothalamus	0.939203843			Brain_Cerebellum	1.018617039	
	0.981382961	0.981382961	-0.498265473		-0.076270565	-0.287268019	

0.298395461	2	0	0.998207054						
STOML1	ENSG00000067221.13	0.8813165	8	6	0.179598683				
	Brain_Frontal_Cortex_BA9	0.966718388			Brain_Cerebellar_Hemisphere				
3.923270583	0.027946541	0.249182984			-1.341991713	0.496517301			
-0.615933551	0.608864752	6	0	0.998207054					
HIRIP3	ENSG00000149929.15	0.881341635		1	1	0.881341635			
	Brain_Cerebellar_Hemisphere	0.881341635			Brain_Cerebellar_Hemisphere1	1	1	0	
1	0.149268672	0.149268672	0.149268672	NA	1	0			
0.998207054									
CDK3	ENSG00000250506.7	0.881357874	13	3	0.221286989				
	Brain_Nucleus_accumbens_basal_ganglia	0.972812881							
	Brain_Spinal_cord_cervical_c-1	10.76288943			0.005183634	0.538678606			
-1.223113079	0.090297805	-0.581013549			0.443388188	3	0		
0.998207054									
TTL4	ENSG00000135912.10	0.881405137	3	3	0.443506003				
	Brain_Cerebellar_Hemisphere	0.840830644			Brain_Substantia_nigra				
1.080313607	0.925934454	0.925934454			-0.2008311	0.766286242			
0.265931203	0.484433011	3	0	0.998207054					
SLC41A3	ENSG00000114544.16	0.881489825	3	3	0.740315589				
	Brain_Cerebellar_Hemisphere	0.929048562			Brain_Cerebellum2.199420378				
0.166853623	0.166853623	-0.331435453			0.298892487	0.018832999			
0.320975547	3	0	0.998207054						
FBXL5	ENSG00000118564.14	0.881548542	3	3	0.530225188				
	Brain_Putamen_basal_ganglia	0.735590283			Brain_Hypothalamus	1.1233238			
0.897202852	0.897202852	-0.627662299			-0.337698662	-0.483195799			
0.144984566	3	0	0.998207054						
RPS28	ENSG00000233927.4	0.881558165	13	1	0.424983802				
	Brain_Cerebellar_Hemisphere	0.959874022			Brain_Putamen_basal_ganglia				
12.03246482	0.000497333	12.03246482			-0.797804753	0.79049634			
0.14284738	0.410481709	1	0	0.998207054					
RP11-173P15.10	ENSG00000276188.1	0.881614997		1	1	0.881614997			
	Brain_Nucleus_accumbens_basal_ganglia	0.881614997							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.148922234				
-0.148922234	-0.148922234	NA	1	0	0.998207054				
LINC01103	ENSG00000234781.2	0.881620108		1	1	0.881620108			
	Brain_Hypothalamus	0.881620108			Brain_Hypothalamus	1	1	1	
-0.148915757	-0.148915757	-0.148915757			NA	1	0	0.998207054	
PID1	ENSG00000153823.18	0.881674109	1	1	0.881674109				
	Brain_Putamen_basal_ganglia	0.881674109			Brain_Putamen_basal_ganglia1	1	1		
1	0.148847322	0.148847322	0.148847322	NA	1	0			
0.998207054									
CNGA4	ENSG00000132259.12	0.881678042	3	3	0.464964227				
	Brain_Cerebellar_Hemisphere	0.947775813			Brain_Cortex	1.335528525			
0.669669646	0.669669646	0.065500117			0.730697034	0.432963153			
0.33803602	3	0	0.998207054						
FAM90A1	ENSG00000171847.10	0.881798946		1	1	0.881798946			
	Brain_Cerebellum	0.881798946			Brain_Cerebellum1	1	1	1	0.148689121
0.148689121	0.148689121	NA	1	0	0.998207054				
PRPF4	ENSG00000136875.12	0.881815265	10	5	0.134938536				
	Brain_Caudate_basal_ganglia	0.976980615			Brain_Putamen_basal_ganglia				
6.862642058	0.007572757	0.319528418			-1.494907687	0.573331578			
-0.191800457	0.561730143	5	0	0.998207054					
MEMO1	ENSG00000162959.13	0.881890379	1	1	0.881890379				
	Brain_Cortex	1	1	1	0.148573254	0.148573254			
0.148573254	NA	1	0	0.998207054					
ICOSLG	ENSG00000160223.16	0.88200698	9	6	0.314167447				
	Brain_Caudate_basal_ganglia	0.990982605			Brain_Cortex	5.743971061			
0.046357685	0.213275899	-1.006515942			0.311851451	-0.458461756			
0.492317556	6	0	0.998207054						
CTC-459F4.1	ENSG00000261770.1	0.882107645	13	1	0.717587486				
	Brain_Substantia_nigra	0.922016061			Brain_Nucleus_accumbens_basal_ganglia				
12.60076874	6.77E-05	12.60076874			-0.318921054	0.361684936			

	0.14549066	0.205633914	1	0	0.998207054			
ZC2HC1C	ENSG00000119703.13	0.882122806	6	5	0.357960627			
	Brain_Nucleus_accumbens_basal_ganglia	0.976351622			Brain_Amygdala			
	3.125192966	0.051794381	0.291965726	-0.373867133	0.919258026			
	0.369521515	0.479255978	5	0	0.998207054			
TMEM9B	ENSG00000175348.10	0.882152701	1	1	0.882152701			
	Brain_Cerebellum	0.882152701	Brain_Cerebellum1	1	1	0.148240841		
	0.148240841	0.148240841	NA	1	0	0.998207054		
DNAH10OS	ENSG00000250091.2	0.882173949	8	3	0.404347632			
	Brain_Cerebellar_Hemisphere	0.952731638	Brain_Hypothalamus		6.745829372			
	0.004192837	0.364165567	0.059276803	0.833881732	0.477663629			
	0.236281669	3	0	0.998207054				
METTL22	ENSG00000067365.14	0.882193508	7	2	0.486006472			
	Brain_Cerebellar_Hemisphere	0.915342544	Brain_Hippocampus		6.431925287			
	0.008542845	0.37824612	0.106302253	0.696674578	0.37250201			
	0.221485709	2	0	0.998207054				
PIKFYVE	ENSG00000115020.16	0.882203304	1	1	0.882203304			
	Brain_Cortex	0.882203304	Brain_Cortex	1	1	1	-0.148176719	
	-0.148176719	-0.148176719	NA	1	0	0.998207054		
TMEM44	ENSG00000145014.17	0.882283453	2	2	0.669432648			
	Brain_Cortex	0.754855876	Brain_Hippocampus		1.124343385			
	0.875656615	0.875656615	-0.426926795	-0.312242973	-0.369584884			
	0.081093708	2	0	0.998207054				
TAF3	ENSG00000165632.7	0.882328602	3	3	0.445477484	Brain_Amygdala		
	0.647020307	Brain_Spinal_cord_cervical_c-1		2.251527383	0.129354469			
	0.129354469	-0.762976377	-0.45790554	-0.591786636	0.155919867			
	3	0	0.998207054					
ADSSL1	ENSG00000185100.10	0.88268659	2	2	0.736511433			
	Brain_Hypothalamus	0.892965834	Brain_Putamen_basal_ganglia		1.893249586			
	0.106750414	0.106750414	-0.336476682	-0.13455233	-0.235514506			
	0.142782079	2	0	0.998207054				
COQ7	ENSG00000167186.10	0.882687509	5	5	0.280642815			
	Brain_Spinal_cord_cervical_c-1	0.75174898	Brain_Caudate_basal_ganglia					
	3.800702508	0.1837864	0.1837864	0.316334036	1.078876436			
	0.728826093	0.288876077	5	0	0.998207054			
ITPR3	ENSG00000096433.10	0.882706142	2	2	0.627257777	Brain_Cerebellum		
	0.888628088	Brain_Anterior_cingulate_cortex_BA24		1.047375636				
	0.952624364	0.952624364	-0.485590156	0.140040378	-0.172774889			
	0.442387593	2	0	0.998207054				
ZBTB11	ENSG00000066422.4	0.882945684	2	2	0.691301122			
	Brain_Hippocampus	0.827952048	Brain_Cerebellum1		1.198498738			
	0.801501262	0.801501262	-0.397089962	0.217328885	-0.089880538			
	0.434459733	2	0	0.998207054				
RP11-678G14.3	ENSG00000268555.1	0.883088327	13	3	0.434550708			
	Brain_Hypothalamus	0.915438492	Brain_Cortex		10.02060462			
	0.006319996	0.641215907	-0.78142817	-0.10618132	-0.341406457			
	0.224669147	3	0	0.998207054				
PLA2G4A	ENSG00000116711.9	0.883094673	2	2	0.62126673			
	Brain_Frontal_Cortex_BA9	0.995860283	Brain_Anterior_cingulate_cortex_BA24					
	1.125025165	0.874974835	0.874974835	-0.49405586	0.005188389			
	-0.244433735	0.353018994	2	0	0.998207054			
KCNIP3	ENSG00000115041.12	0.883129401	5	4	0.475138332			
	Brain_Spinal_cord_cervical_c-1	0.992895036	Brain_Hippocampus					
	3.241244192	0.062106769	0.130871301	-0.71414369	0.00890487			
	-0.358988844	0.305572025	4	0	0.998207054			
SERP1	ENSG00000120742.10	0.883182401	1	1	0.883182401			
	Brain_Substantia_nigra	0.883182401	Brain_Substantia_nigra	1	1			
	1	0.146936171	0.146936171	0.146936171	NA	1	0	
	0.998207054							
GLIPR1L1	ENSG00000173401.9	0.88326424	2	2	0.679984783	Brain_Cortex		
	0.765807918	Brain_Hypothalamus		1.045216933	0.954783067			
	0.954783067	-0.412483894	-0.297862752	-0.355173323	0.081049386			

2	0	0.998207054						
STYXL1	ENSG00000127952.16	0.883353595	12	2	0.491694193			
	Brain_Frontal_Cortex_BA9	0.896805515			Brain_Spinal_cord_cervical_c-1			
	11.11706972	0.000450212	0.562695917		-0.687616694	0.12969781		
	-0.420293242	0.210545021	2	0	0.998207054			
KRTAP5-11	ENSG00000204571.6	0.883402773	2	2	0.715704767			
	Brain_Caudate_basal_ganglia	0.80641612	Brain_Cerebellum	1.233683605				
	0.766316395	0.766316395	-0.364205223		-0.245052062	-0.304628643		
	0.084254007	2	0	0.998207054				
TBC1D7	ENSG00000145979.17	0.883762806	12	5	0.463576892			
	Brain_Cerebellar_Hemisphere	0.972507313	Brain_Hippocampus	7.379210002				
	0.025373268	-0.304117161	-0.696065467		0.73296973	0.140245892		
	0.425377499	5	0	0.998207054				
CLEC12A	ENSG00000172322.13	0.883785239	8	6	0.146231169			
	Brain_Cortex	0.848956653	Brain_Spinal_cord_cervical_c-1	4.678098986				
	6.67E-17	0.27775435	0.190449831	1.452973295	0.700201713			
	0.517737477	6	0	0.998207054				
SUCLG2	ENSG00000172340.14	0.883897043	11	9	0.255751104			
	Brain_Caudate_basal_ganglia	0.791880978	Brain_Hypothalamus	4.382028259				
	0.056710611	0.248740534	-0.57238546		1.136491063	0.50411163		
	0.543722794	9	0	0.998207054				
MYDGF	ENSG00000074842.7	0.883932568	2	2	0.629831634			
	Brain_Anterior_cingulate_cortex_BA24	0.873354996	Brain_Putamen_basal_ganglia					
	1.082070293	0.917929707	0.917929707		-0.48196384	-0.159398405		
	-0.320681122	0.228088207	2	0	0.998207054			
CARNMT1	ENSG00000156017.12	0.883952944	3	2	0.658614752			
	Brain_Anterior_cingulate_cortex_BA24	0.873924638	Brain_Cerebellar_Hemisphere					
	1.978190788	0.021776811	1.000032401		-0.441826512	-0.158675378		
	-0.2979102	0.141633607	2	0	0.998207054			
ALS2CL	ENSG00000178038.16	0.883967338	6	4	0.562270452			
	Brain_Cortex	0.978872961	Brain_Anterior_cingulate_cortex_BA24	3.81128014				
	0.015790586	0.296803401	-0.579472419		0.214145298	-0.112030542		
	0.313862604	4	0	0.998207054				
CSH2	ENSG00000213218.10	0.884079327	2	2	0.667714756			
	Brain_Cerebellar_Hemisphere	0.838880541	Brain_Cerebellum	1.812292307				
	0.187707693	0.187707693	0.203325608		0.429286478	0.316306043		
	0.159778463	2	0	0.998207054				
TRAF1	ENSG00000056558.10	0.88408973	13	2	0.466710217	Brain_Amygdala		
	0.794776741	Brain_Cerebellar_Hemisphere	11.97340031		0.003344472			
	0.45209147	-0.727842154	-0.26011283		-0.471375924	0.169723358	2	
	0	0.998207054						
HLA-G	ENSG00000204632.11	0.88419757	9	6	0.455138504	Brain_Hypothalamus		
	0.786491994	Brain_Frontal_Cortex_BA9	5.311694812		0.068866449			
	0.261335037	-0.746875852	0.450581683		-0.400583348	0.363984294		
	6	0	0.998207054					
ANKRD39	ENSG00000213337.8	0.884314124	1	1	0.884314124			
	Brain_Putamen_basal_ganglia	0.884314124	Brain_Putamen_basal_ganglia	1	1			
	1	-0.145502523	-0.145502523	-0.145502523	NA	1	0	
	0.998207054							
GATAD1	ENSG00000157259.6	0.884318504	9	8	0.267162054			
	Brain_Hypothalamus	0.910174243	Brain_Cortex	4.077267831				
	0.076844108	0.249530878	-1.109621751		0.976634174	0.145650942		
	0.554558466	8	0	0.998207054				
RP11-214O1.3	ENSG00000266378.1	0.884366186	1	1	0.884366186			
	Brain_Cerebellar_Hemisphere	0.884366186	Brain_Cerebellar_Hemisphere	1	1			
	1	0.145436578	0.145436578	0.145436578	NA	1	0	
	0.998207054							
PTMS	ENSG00000159335.15	0.884381119	1	1	0.884381119			
	Brain_Frontal_Cortex_BA9	0.884381119	Brain_Frontal_Cortex_BA9	1	1			
	1	-0.145417663	-0.145417663	-0.145417663	NA	1	0	
	0.998207054							
MAP4K3	ENSG00000011566.14	0.884384657	1	1	0.884384657			

	Brain_Anterior_cingulate_cortex_BA24	0.884384657							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.145413183				
	0.145413183	0.145413183	NA	1	0	0.998207054			
AGER	ENSG00000204305.13	0.884393453	2	2	0.630474045				
	Brain_Nucleus_accumbens_basal_ganglia	0.671531479				Brain_Frontal_Cortex_BA9			
	1.70534984	0.29465016	0.29465016	0.42404708	0.481059734	0.452553407			
	0.040314034	2	0	0.998207054					
RP11-71N10.1	ENSG00000239922.1	0.884513195	2	2	0.620625137				
	Brain_Cerebellar_Hemisphere	0.640049514				Brain_Cerebellum	1.928986028		
	0.071013972	0.071013972	-0.494964561	-0.467629571	-0.481297066				
	0.019328757	2	0	0.998207054					
TGDS	ENSG00000088451.10	0.884541289	1	1	0.884541289	Brain_Cerebellum			
	0.884541289	Brain_Cerebellum	1	1	-0.14521479	-0.14521479			
	-0.14521479	NA	1	0	0.998207054				
RP4-563E14.1	ENSG00000273759.1	0.884608029	1	1	0.884608029				
	Brain_Amygdala	0.884608029	Brain_Amygdala	1	1	1	0.145130257		
	0.145130257	0.145130257	NA	1	0	0.998207054			
ZC3H15	ENSG00000065548.17	0.884635707	1	1	0.884635707				
	Brain_Caudate_basal_ganglia	0.884635707	Brain_Caudate_basal_ganglia	1	1				
	1	0.145095202	0.145095202	0.145095202	NA	1	0		
	0.998207054								
FAM110C	ENSG00000184731.5	0.88466039	1	1	0.88466039				
	Brain_Frontal_Cortex_BA9	0.88466039	Brain_Frontal_Cortex_BA9	1	1	1			
	-0.145063938	-0.145063938	-0.145063938	NA	1	0	0.998207054		
ZNF680	ENSG00000173041.11	0.884686052	12	4	0.14943391				
	Brain_Caudate_basal_ganglia	0.696837165	Brain_Amygdala	9.318674514					
	0.019562909	0.416595179	-1.44153389	-0.389593492	-0.849766599				
	0.262609755	4	0	0.998207054					
IPO8	ENSG00000133704.9	0.884745442	12	4	0.507242302				
	Brain_Putamen_basal_ganglia	0.989405204	Brain_Frontal_Cortex_BA9						
	9.589513142	0.008533399	0.396019193	-0.372684424	0.663137803				
	0.019610868	0.276747214	4	0	0.998207054				
CKLF	ENSG00000217555.12	0.884760653	1	1	0.884760653				
	Brain_Hypothalamus	0.884760653	Brain_Hypothalamus	1	1	1			
	-0.144936949	-0.144936949	-0.144936949	NA	1	0	0.998207054		
CDO1	ENSG00000129596.4	0.884810688	6	6	0.229186661				
	Brain_Nucleus_accumbens_basal_ganglia	0.889323764							
	Brain_Spinal_cord_cervical_c-1	1.51160513	0.59390676	0.59390676	-0.828106974				
	1.202456627	0.10644654	0.753631743	6	0	0.998207054			
CLEC4F	ENSG00000152672.7	0.884926285	2	2	0.620980423				
	Brain_Cerebellar_Hemisphere	0.674435702	Brain_Cerebellum	1.846160153					
	0.153839847	0.153839847	-0.494461312	-0.420068105	-0.457264708				
	0.052603941	2	0	0.998207054					
FNIP2	ENSG00000052795.12	0.8849379	3	3	0.501215978	Brain_Amygdala			
	0.856778425	Brain_Substantia_nigra	1.662019888	0.372689254					
	0.372689254	-0.180476598	0.672577723	0.235661817	0.426906544				
	3	0	0.998207054						
CRYBB3	ENSG00000100053.9	0.885141415	2	2	0.622310598				
	Brain_Cortex	0.977396285	Brain_Frontal_Cortex_BA9	1.132336937					
	0.867663063	0.867663063	0.028333347	0.49257828	0.260455813				
	0.328270741	2	0	0.998207054					
UTS2B	ENSG00000188958.9	0.885146894	2	1	0.874324764				
	Brain_Anterior_cingulate_cortex_BA24	0.89612433	Brain_Amygdala	1.997658285					
	0.002341715	1.997658285	0.130558809	0.158167561	0.144363185				
	0.019522336	1	0	0.998207054					
AC025811.3	ENSG00000270947.1	0.885192731	8	7	0.239880499				
	Brain_Caudate_basal_ganglia	0.981300511	Brain_Amygdala	4.525191905					
	0.076817131	0.162636963	-1.175285536	0.829144174	-0.244754476				
	0.64114162	7	0	0.998207054					
TRANK1	ENSG00000168016.13	0.885280495	1	1	0.885280495				
	Brain_Cortex	0.885280495	Brain_Cortex	1	1	1	0.144278576		
	0.144278576	0.144278576	NA	1	0	0.998207054			

GALNT16 ENSG00000100626.16 0.885294783 3 3 0.476088426
 Brain_Cerebellum 0.990961177 Brain_Nucleus_accumbens_basal_ganglia 1.34315283
 0.655184636 0.655184636 0.011328727 0.712607893 0.369718804
 0.350896463 3 0 0.998207054
 OR2H2 ENSG00000204657.3 0.885444244 3 3 0.541910649
 Brain_Frontal_Cortex_BA9 0.919361005 Brain_Caudate_basal_ganglia
 1.769914319 0.403557945 0.403557945 -0.609926271 0.140332925
 -0.190277337 0.382972753 3 0 0.998207054
 ANKRD12 ENSG00000101745.16 0.885512902 1 1 0.885512902
 Brain_Spinal_cord_cervical_c-1 0.885512902 Brain_Spinal_cord_cervical_c-1
 1 1 1 -0.143984256 -0.143984256 -0.143984256 NA 1 0
 0.998207054
 NSUN4 ENSG00000117481.10 0.885571002 4 3 0.611944454 Brain_Cerebellum
 0.960758877 Brain_Spinal_cord_cervical_c-1 2.789804579 0.057550325
 0.221580162 -0.507299836 -0.049201298 -0.253936214 0.189301865
 3 0 0.998207054
 DTYMK ENSG00000168393.12 0.885668336 9 4 0.10306418
 Brain_Cerebellar_Hemisphere 0.766646826 Brain_Putamen_basal_ganglia
 6.808794219 0.054557023 0.32587928 0.296763824 1.630176591
 0.75144682 0.392508663 4 0 0.998207054
 RIMBP2 ENSG00000060709.14 0.885705329 1 1 0.885705329
 Brain_Putamen_basal_ganglia 0.885705329 Brain_Putamen_basal_ganglia 1 1
 1 -0.143740576 -0.143740576 -0.143740576 NA 1 0
 0.998207054
 Clorf216 ENSG00000142686.7 0.885820664 1 1 0.885820664
 Brain_Spinal_cord_cervical_c-1 0.885820664 Brain_Spinal_cord_cervical_c-1
 1 1 1 -0.143594525 -0.143594525 -0.143594525 NA 1 0
 0.998207054
 UBE2Q2L ENSG00000259511.2 0.885831345 7 7 0.328239414
 Brain_Amygdala 0.937735222 Brain_Hippocampus 2.704167189
 0.343006064 0.343006064 -0.761334884 0.97766626 -0.154076371
 0.643724802 7 0 0.998207054
 FGF8 ENSG00000107831.12 0.886063582 1 1 0.886063582 Brain_Cerebellum
 0.886063582 Brain_Cerebellum 1 1 1 0.143286924 0.143286924
 0.143286924 NA 1 0 0.998207054
 ATP1A4 ENSG00000132681.16 0.886118948 5 5 0.315972087
 Brain_Nucleus_accumbens_basal_ganglia 0.993126402 Brain_Putamen_basal_ganglia
 1.181367696 0.860130605 0.860130605 0.008614885 1.002769503
 0.476793976 0.41312785 5 0 0.998207054
 MAPK13 ENSG00000156711.16 0.886179902 9 6 0.220593793
 Brain_Cortex 0.966514958 Brain_Caudate_basal_ganglia 4.521379652
 0.0208675 0.20213089 -0.966462417 1.224950708 0.212582216
 0.772095367 6 0 0.998207054
 NRIP3 ENSG00000175352.10 0.886192195 1 1 0.886192195
 Brain_Anterior_cingulate_cortex_BA24 0.886192195
 Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.14312407 0.14312407
 0.14312407 NA 1 0 0.998207054
 BRSK1 ENSG00000160469.16 0.886239718 2 2 0.7100907
 Brain_Caudate_basal_ganglia 0.83302734 Brain_Cortex 1.266425588
 0.733574412 0.733574412 -0.210820502 0.371734279 0.080456888
 0.411928436 2 0 0.998207054
 GLTSCR1L ENSG00000112624.12 0.88624902 3 3 0.432147766
 Brain_Frontal_Cortex_BA9 0.796971659 Brain_Cerebellar_Hemisphere
 2.095063887 0.332130955 0.332130955 -0.785521677 -0.257268304
 -0.478192477 0.274521908 3 0 0.998207054
 PRKCQ ENSG00000065675.14 0.88629977 1 1 0.88629977 Brain_Putamen_basal_ganglia
 0.88629977 Brain_Putamen_basal_ganglia 1 1 1 0.142987858
 0.142987858 -0.142987858 NA 1 0 0.998207054
 KRT40 ENSG00000204889.10 0.886432491 2 2 0.806902274
 Brain_Cerebellar_Hemisphere 0.984581407 Brain_Cerebellum 1.886218239
 0.113781761 -0.113781761 -0.244424235 -0.019325544 -0.131874889
 0.159168811 2 0 0.998207054

FBXL7	ENSG00000183580.9	0.886434653	1	1	0.886434653		
	Brain_Frontal_Cortex_BA9	0.886434653			Brain_Frontal_Cortex_BA9	1	1
	1	-0.142817074	-0.142817074	-0.142817074	NA	1	0
	0.998207054						
ASB2	ENSG00000100628.11	0.886509852	2	2	0.625277509		
	Brain_Frontal_Cortex_BA9	0.941160121			Brain_Cerebellum1.050815752		
	0.949184248	0.949184248	0.073811821	0.488384514	0.281098168		
	0.293147163	2	0	0.998207054			
NSMF	ENSG00000165802.21	0.886577087	1	1	0.886577087		
	Brain_Frontal_Cortex_BA9	0.886577087			Brain_Frontal_Cortex_BA9	1	1
	1	-0.142636731	-0.142636731	-0.142636731	NA	1	0
	0.998207054						
LINC00654	ENSG00000205181.5	0.886690191	9	5	0.383891377		
	Brain_Cerebellar_Hemisphere	0.91583993	Brain_Cortex	6.43023538	2.71E-08		
	0.3618904	0.105675361	0.870748707	0.668871598	0.260001054		5
	0	0.998207054					
DDX4	ENSG00000152670.18	0.886884817	8	5	0.361143814		
	Brain_Hypothalamus	0.97325307	Brain_Amygdala	5.383011578	0.055114059		
	0.243615501	-0.163707725	0.913187733	0.225763295	0.35590737		5
	0	0.998207054					
ISG15	ENSG00000187608.8	0.886924154	1	1	0.886924154	Brain_Cortex	
	0.886924154	Brain_Cortex	1	1	1	0.142197314	0.142197314
	0.142197314	NA	1	0	0.998207054		
MTG1	ENSG00000148824.18	0.886953237	13	3	0.626784459		
	Brain_Hippocampus	0.934999043	Brain_Cerebellar_Hemisphere	11.38116761			
	0.000624707	0.392763454	-0.48625771	0.199200512	-0.248724453		
	0.215991558	3	0	0.998207054			
ZNF335	ENSG00000198026.7	0.887043402	2	2	0.633017932		
	Brain_Hippocampus	0.851700931	Brain_Cerebellum	1.167901996			
	0.832098004	0.832098004	0.186948604	0.477483409	0.332216007		
	0.205439131	2	0	0.998207054			
RFX3-AS1	ENSG00000232104.3	0.887046854	2	2	0.631103962		
	Brain_Cortex	0.870846837	Brain_Cerebellum	1.141401672	0.858598328		
	0.858598328	0.162582919	0.480173593	0.321378256	0.224570519		
	2	0	0.998207054				
RPL36	ENSG00000130255.12	0.88711544	2	2	0.722092367		
	Brain_Cerebellar_Hemisphere	0.745545194	Brain_Cerebellum	1.032482712			
	0.967517288	0.967517288	-0.355663788	-0.324518929	-0.340091358		
	0.022022742	2	0	0.998207054			
UNC79	ENSG00000133958.13	0.887215392	7	3	0.558031023		
	Brain_Substantia_nigra	0.893899328	Brain_Cerebellar_Hemisphere	5.72602409			
	0.036181258	0.300632934	-0.585768606	-0.133371823	-0.451118833		
	0.17780939	3	0	0.998207054			
CTA-217C2.2	ENSG00000273243.1	0.887217588	1	1	0.887217588		
	Brain_Substantia_nigra	0.887217588	Brain_Substantia_nigra	1	1		
	1	-0.141825821	-0.141825821	-0.141825821	NA	1	0
	0.998207054						
ST8SIA1	ENSG00000111728.10	0.887233402	6	5	0.388220051		
	Brain_Cerebellum	0.917127662	Brain_Anterior_cingulate_cortex_BA24				
	3.341425452	0.038837885	0.222398135	-0.862849805	0.65178952		
	-0.142133205	0.481230161	5	0	0.998207054		
RP11-278A23.1	ENSG00000226180.3	0.887286108	7	6	0.153220304		
	Brain_Anterior_cingulate_cortex_BA24	0.962948231	Brain_Amygdala				
	3.732822377	0.085403348	0.27615286	-1.428248644	0.046454209		
	-0.745029366	0.541905776	6	0	0.998207054		
BMT2	ENSG00000164603.11	0.887306646	1	1	0.887306646		
	Brain_Anterior_cingulate_cortex_BA24	0.887306646					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.141713076		
	-0.141713076	-0.141713076	NA	1	0	0.998207054	
SURF6	ENSG00000148296.6	0.887510438	10	3	0.325372251		
	Brain_Spinal_cord_cervical_c-1	0.964454958	Brain_Cortex	7.371028821			
	0.029203657	0.433476496	-0.2198824	0.983477973	0.433349347		

	0.422098567	3	0	0.998207054					
MFGE8	ENSG00000140545.14		0.887570014	6	4	0.386238532			
	Brain_Hippocampus		0.991007682			Brain_Cerebellum	3.807843536		
	0.035375296	0.180970986		-0.866458944		-0.011270438		-0.384490054	
	0.330016886	4	0	0.998207054					
SAMMSON	ENSG00000240405.5		0.887587041	1	1	0.887587041			
	Brain_Spinal_cord_cervical_c-1		0.887587041			Brain_Spinal_cord_cervical_c-1			
	1	1	0.141358115	0.141358115		0.141358115	NA	1	0
	0.998207054								
ZNF513	ENSG00000163795.13		0.887608613	1	1	0.887608613			
	Brain_Anterior_cingulate_cortex_BA24		0.887608613						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1		0.141330808			
	0.141330808	0.141330808	NA	1	0	0.998207054			
PKD1L1	ENSG00000158683.7		0.887710771	8	4	0.495719389			
	Brain_Anterior_cingulate_cortex_BA24		0.963070748						
	Brain_Nucleus_accumbens_basal_ganglia		6.076962675			0.004475617			
	0.341403219	-0.681240399		0.059816011		-0.1833379	0.266063761		4
	0	0.998207054							
EP400	ENSG00000183495.13		0.887724581	2	2	0.644167273		Brain_Cerebellum	
	0.95317498	Brain_Putamen_basal_ganglia	1.206814655			0.793185345			
	0.793185345	-0.461880145		0.058720187		-0.201579979		0.368120025	
	2	0	0.998207054						
RP11-594C13.1	ENSG00000258859.1		0.887735722	1	1	0.887735722			
	Brain_Cortex		0.887735722	Brain_Cortex	1	1	1	-0.141169902	
	-0.141169902	-0.141169902	NA	1	0	0.998207054			
METTL6	ENSG00000206562.11		0.888124602	7	6	0.252626366			
	Brain_Cerebellar_Hemisphere		0.999738046			Brain_Caudate_basal_ganglia			
	4.095090293	0.103432579		0.197687657		-1.143993419		0.183876262	
	-0.388748071	0.459671068	6	0	0.998207054				
GGT5	ENSG00000099998.17		0.888140486	1	1	0.888140486			
	Brain_Substantia_nigra		0.888140486	Brain_Substantia_nigra	1	1			
	1	0.140657544	0.140657544	0.140657544	NA	1	0		
	0.998207054								
MNAT1	ENSG00000020426.10		0.888316337	2	2	0.626491935		Brain_Cerebellum	
	0.98488071	Brain_Hippocampus	1.044238184			0.955761816		0.955761816	
	-0.486670385	-0.018950354		-0.252810369		0.330728006		2	0
	0.998207054								
IL1R1	ENSG00000115594.11		0.888580805	2	2	0.66308275			
	Brain_Caudate_basal_ganglia		0.966054097	Brain_Hippocampus		1.363266108			
	0.636733892	0.636733892		-0.435660939		0.042557723		-0.196551608	
	0.338151658	2	0	0.998207054					
MEG9	ENSG00000223403.3		0.888681675	1	1	0.888681675			
	Brain_Putamen_basal_ganglia		0.888681675	Brain_Putamen_basal_ganglia	1	1			
	1	0.139972555	0.139972555	0.139972555	NA	1	0		
	0.998207054								
RNF43	ENSG00000108375.12		0.88868981	2	2	0.630911002		Brain_Cerebellum	
	0.788458317	Brain_Amygdala	1.422612531			0.577387469		0.577387469	
	-0.480445001	-0.268313109		-0.374379055		0.1499999	2	0	
	0.998207054								
IER5	ENSG00000162783.10		0.888744699	1	1	0.888744699		Brain_Cerebellum	
	0.888744699	Brain_Cerebellum	1	1	1	0.139892789		0.139892789	
	0.139892789	NA	1	0	0.998207054				
TM7SF2	ENSG00000149809.14		0.888806385	1	1	0.888806385			
	Brain_Caudate_basal_ganglia		0.888806385	Brain_Caudate_basal_ganglia	1	1			
	1	-0.139814717	-0.139814717	-0.139814717	NA	1	0		
	0.998207054								
OTOG	ENSG00000188162.10		0.888955766	1	1	0.888955766			
	Brain_Caudate_basal_ganglia		0.888955766	Brain_Caudate_basal_ganglia	1	1			
	1	-0.139625659	-0.139625659	-0.139625659	NA	1	0		
	0.998207054								
MPHOSPH6	ENSG00000135698.9		0.889128737	8	4	0.488632688			
	Brain_Cerebellum	0.99417167	Brain_Putamen_basal_ganglia	5.734905096				0.0188085	

	0.244934683	-0.692485182	0.657792509	-0.027986847	0.38228277	4
	0	0.998207054				
RP11-973H7.1	ENSG00000260302.1	0.889280386	3	3	0.594941768	
	Brain_Nucleus_accumbens_basal_ganglia	0.993244536			Brain_Cortex	
	2.483227403	0.088700468	0.088700468	-0.531688485	0.008466819	
	-0.218096469	0.280396929	3	0	0.998207054	
MINK1	ENSG00000141503.15	0.889459642	3	3	0.517093371	
	Brain_Caudate_basal_ganglia	0.974786583			Brain_Cerebellum	1.929860012
	0.148430712	0.148430712	-0.647832379	0.031605593	-0.237726381	
	0.360932104	3	0	0.998207054		
NOP58	ENSG00000055044.10	0.889555314	2	2	0.666757115	
	Brain_Hippocampus	0.889663957			Brain_Nucleus_accumbens_basal_ganglia	
	1.181534741	0.818465259	0.818465259	-0.138729435	0.430602923	
	0.145936744	0.402578771	2	0	0.998207054	
CTRB2	ENSG00000168928.12	0.889577073	1	1	0.889577073	
	Brain_Anterior_cingulate_cortex_BA24	0.889577073				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.138839382	
	0.138839382	0.138839382	NA	1	0	0.998207054
ZC3HAV1	ENSG00000105939.12	0.889658134	1	1	0.889658134	
	Brain_Spinal_cord_cervical_c-1	0.889658134			Brain_Spinal_cord_cervical_c-1	
	1	1	1	0.138736803	0.138736803	0.138736803
	0.998207054				NA	1
						0
RP11-81H3.2	ENSG00000251138.6	0.889676492	1	1	0.889676492	
	Brain_Hippocampus	0.889676492			Brain_Hippocampus	1
	-0.138713573	-0.138713573	-0.138713573	NA	1	0
						0.998207054
NUBP1	ENSG00000103274.10	0.889688605	1	1	0.889688605	Brain_Amygdala
	0.889688605	Brain_Amygdala	1	1	1	-0.138698245
	-0.138698245	NA	1	0	0.998207054	
UBE2K	ENSG00000078140.13	0.889691477	3	3	0.534570257	Brain_Cerebellum
	0.946933471	Brain_Cerebellar_Hemisphere	1.416108154	0.637399652		
	0.637399652	-0.06655814	0.621044633	0.326174361	0.354093427	
	3	0	0.998207054			
THOC6	ENSG00000131652.13	0.889822006	1	1	0.889822006	
	Brain_Spinal_cord_cervical_c-1	0.889822006			Brain_Spinal_cord_cervical_c-1	
	1	1	1	-0.138529437	-0.138529437	-0.138529437
	0.998207054				NA	1
						0
RP11-333E1.2	ENSG00000263164.1	0.889843263	1	1	0.889843263	
	Brain_Cerebellum	0.889843263			Brain_Cerebellum	1
	-0.13850254	-0.13850254	NA	1	0	0.998207054
						-0.13850254
ZNF611	ENSG00000213020.9	0.889982384	2	2	0.71882575	
	Brain_Caudate_basal_ganglia	0.757050526			Brain_Frontal_Cortex_BA9	
	1.033757739	0.966242261	0.966242261	-0.360028594	0.309356278	
	-0.025336158	0.473326582	2	0	0.998207054	
PFKFB3	ENSG00000170525.19	0.890028505	1	1	0.890028505	
	Brain_Putamen_basal_ganglia	0.890028505			Brain_Putamen_basal_ganglia	1
	1	0.138268139	0.138268139	0.138268139	NA	1
	0.998207054					0
MEGF11	ENSG00000157890.17	0.890105922	3	3	0.611499451	
	Brain_Cerebellum	0.709469049			Brain_Hippocampus	1.096413051
	0.8956067	-0.507934255	-0.372569269	-0.431540675	0.069343846	3
	0	0.998207054				
ATP6V1B1	ENSG00000116039.11	0.890262115	1	1	0.890262115	
	Brain_Amygdala	0.890262115			Brain_Amygdala	1
	0.137972547	0.137972547	NA	1	0	0.998207054
						-0.137972547
CUL1	ENSG00000055130.15	0.890332198	1	1	0.890332198	Brain_Cerebellum
	0.890332198	Brain_Cerebellum	1	1	1	-0.13788387
	-0.13788387	NA	1	0	0.998207054	
KIF17	ENSG00000117245.12	0.890474848	10	10	0.137046086	
	Brain_Caudate_basal_ganglia	0.767646289			Brain_Nucleus_accumbens_basal_ganglia	
	2.913752239	0.268198164	0.268198164	-1.486881593	-0.295455045	
	-0.877733877	0.361613622	10	0	0.998207054	
LINGO2	ENSG00000174482.10	0.890591056	4	3	0.445759775	

	Brain_Cerebellar_Hemisphere	0.966120216			Brain_Frontal_Cortex_BA9	1.99911279		
	0.001228042	-0.607953736			-0.762503131	-0.04247478		-0.451545447
	0.326919564	3	0	0.998207054				
KCNH7	ENSG00000184611	11	0.890602776	2	2	0.631148964		
	Brain_Cerebellar_Hemisphere	0.729396081			Brain_Cerebellum	1.666563185		
	0.333436815	-0.333436815			-0.4801103	-0.34592899		-0.413019645
	0.094880515	2	0	0.998207054				
CDC42EP3	ENSG00000163171	7	0.890721226	2	2	0.633986793		
	Brain_Cerebellar_Hemisphere	0.917321598			Brain_Frontal_Cortex_BA9			
	1.073599219	-0.926400781			0.926400781	-0.10380815		0.476122943
	0.289965546	0.263266314			2	0		0.998207054
CLEC2B	ENSG00000110852	4	0.890762998	1	1	0.890762998		
	Brain_Cortex	0.890762998			Brain_Cortex	1	1	1
	-0.137338806	-0.137338806			NA	1	0	-0.137338806
	0.998207054							
SLMAP	ENSG00000163681	14	0.890787614	1	1	0.890787614		
	Brain_Spinal_cord_cervical_c-1	0.890787614			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.137307662	0.137307662	0.137307662		NA
	0.998207054							1
								0
ICA1	ENSG00000003147	17	0.89085666	1	1	0.89085666		Brain_Cortex
	Brain_Cortex	1	1	1	-0.137220307	-0.137220307		-0.137220307
	NA	1	0	0.998207054				
CTD-2555A7.2	ENSG00000256982	1	0.890858216	2	2	0.641098599		
	Brain_Cerebellar_Hemisphere	0.899118132			Brain_Cerebellum	1.019713851		
	0.980286149	-0.980286149			0.126775444	0.466163324		0.296469384
	0.239983472	2	0	0.998207054				
LYRM4	ENSG00000214113	10	0.89089762	8	6	0.22371729		Brain_Hippocampus
	0.785210098	Brain_Cerebellum	5.453864721		0.036615398	0.196249022		
	0.272535761	1.216702861			0.795766279	0.328980018		6
	0.998207054							0
SRP72	ENSG00000174780	15	0.890931566	5	3	0.566065394		Brain_Cerebellum
	0.954190637	Brain_Cortex	3.8063239		0.001866161	0.255726421		
	0.057445101	0.573855788			0.335265147	0.189651086		3
	0.998207054							0
CACFD1	ENSG00000160325	14	0.890978724	3	3	0.535072875		
	Brain_Caudate_basal_ganglia	0.778952808			Brain_Amygdala	1.515785752		
	0.482306901	0.482306901			-0.620280888	0.472883463		-0.142693797
	0.559493556	3	0	0.998207054				
CTD-2349P21.9	ENSG00000266490	1	0.891003612	11	3	0.291926983		
	Brain_Putamen_basal_ganglia	0.732417247			Brain_Cerebellum	9.12566837		0.00182092
	0.407522995	-1.053903756			-0.341911829	-0.626668216		0.21429237
	0	0.998207054						3
RPF1	ENSG00000117133	10	0.891175105	1	1	0.891175105		
	Brain_Cerebellar_Hemisphere	0.891175105			Brain_Cerebellar_Hemisphere	1		1
	1	-0.136817432			-0.136817432	NA		1
	0.998207054							0
RP11-227G15.11	ENSG00000278668	1	0.891273337	1	1	0.891273337		
	Brain_Putamen_basal_ganglia	0.891273337			Brain_Putamen_basal_ganglia	1		1
	1	-0.136693159			-0.136693159	NA		1
	0.998207054							0
MAL2	ENSG00000253972	5	0.891322185	1	1	0.891322185		Brain_Cerebellum
	0.891322185	Brain_Cerebellum	1	1	1	-0.136631363		-0.136631363
	-0.136631363	NA			1	0		0.998207054
THRSP	ENSG00000151365	2	0.891409106	2	1	0.733346605		
	Brain_Cerebellar_Hemisphere	0.942637259			Brain_Cerebellum	1.93719679		0.06280321
	1.93719679	-0.071955579			0.3406772	0.13436081		0.291775436
	0.998207054							1
								0
RGS18	ENSG00000150681	9	0.891437466	1	1	0.891437466		Brain_Cerebellum
	0.891437466	Brain_Cerebellum	1	1	1	-0.136485526		-0.136485526
	-0.136485526	NA			1	0		0.998207054
CDH22	ENSG00000149654	9	0.891731659	1	1	0.891731659		
	Brain_Anterior_cingulate_cortex_BA24	0.891731659						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	1	0.136113369		

	0.136113369	0.136113369	NA	1	0	0.998207054	
TBX2	ENSG00000121068.13	0.8918117	5	4	0.493379557	Brain_Cortex	
	0.888134687	Brain_Putamen_basal_ganglia	2.740808108		0.002512485		
	0.589346892	-0.34597861	0.684943528		0.033880695	0.418608112	
	4	0	0.998207054				
SYNE1	ENSG00000131018.22	0.891912842	5	5	0.351743829	Brain_Cortex	
	0.898151475	Brain_Nucleus_accumbens_basal_ganglia	1.34318413		0.805223946		
	0.805223946	-0.93121216	0.682035484		-0.185384707	0.578045818	
	5	0	0.998207054				
DDX59	ENSG00000118197.13	0.891952473	12	1	0.702289524		
	Brain_Spinal_cord_cervical_c-1	0.987205114			Brain_Cerebellum	11.06714665	
	0.000160082	11.06714665	-0.101060389		0.382231682	0.13115638	
	0.138402869	1	0	0.998207054			
KLK5	ENSG00000167754.12	0.891981868	2	2	0.664215975	Brain_Cortex	
	0.825707771	Brain_Frontal_Cortex_BA9	1.04603077		0.95396923	0.95396923	
	-0.220209791	0.434099793	0.106945001		0.462666744	2	0
	0.998207054						
MFSD11	ENSG00000092931.11	0.892037597	3	3	0.541172901		
	Brain_Amygdala	0.73140011	Brain_Anterior_cingulate_cortex_BA24		1.195209389		
	0.806434128	0.806434128	-0.6110403		0.343263669	-0.220417247	
	0.500135766	3	0	0.998207054			
RPH3AL	ENSG00000181031.15	0.892058761	10	3	0.4350966		
	Brain_Spinal_cord_cervical_c-1	0.734895484			Brain_Putamen_basal_ganglia		
	7.674035621	0.000234252	0.968137244		-0.402016253	0.780500046	
	0.414292237	0.32350661	3	0	0.998207054		
CD44	ENSG00000026508.17	0.892163936	4	4	0.40807373		
	Brain_Spinal_cord_cervical_c-1	0.893121409					
	Brain_Nucleus_accumbens_basal_ganglia	1.609378438			0.451623038		
	0.451623038	-0.377213103	0.827288201		0.20159867	0.493776886	4
	0	0.998207054					
FARSB	ENSG00000116120.9	0.892191292	2	2	0.634373131		
	Brain_Frontal_Cortex_BA9	0.938020454			Brain_Substantia_nigra		
	1.070347784	0.929652216	0.929652216		-0.475580696	0.077758128	
	-0.198911284	0.391269635	2	0	0.998207054		
CD33	ENSG00000105383.14	0.892222082	3	3	0.47529735	Brain_Cerebellum	
	0.844548861	Brain_Spinal_cord_cervical_c-1	1.115042983		0.89324445		
	0.89324445	-0.258399467	0.713886525		0.086469578	0.544251781	3
	0	0.998207054					
BZW2	ENSG00000136261.14	0.892342268	1	1	0.892342268	Brain_Amygdala	
	0.892342268	Brain_Amygdala	1	1	0.135341002	0.135341002	
	0.135341002	NA	1	0	0.998207054		
CCDC57	ENSG00000176155.18	0.892370834	8	1	0.730566573		
	Brain_Hippocampus	0.961033432	Brain_Putamen_basal_ganglia		7.668493956		
	0.00142253	7.668493956	-0.180266555		0.344371961	0.131043479	
	0.18692849	1	0	0.998207054			
CBWD1	ENSG00000172785.18	0.89248751	13	12	0.188217805		
	Brain_Cerebellar_Hemisphere	0.992110697			Brain_Substantia_nigra		
	4.534130393	0.13898381	0.172941135		-1.315869626	0.295359766	
	-0.456521572	0.531913122	12	0	0.998207054		
TRIM6	ENSG00000121236.20	0.892559687	1	1	0.892559687		
	Brain_Hippocampus	0.892559687	Brain_Hippocampus		1	1	1
	0.135066006	0.135066006	0.135066006		NA	1	0
					0.998207054		
CFAP54	ENSG00000188596.10	0.892694651	4	4	0.463193737		
	Brain_Cortex	0.79747732	Brain_Nucleus_accumbens_basal_ganglia		1.399052812		
	0.620137161	0.620137161	-0.733598071		0.300069905	-0.353521744	
	0.489300551	4	0	0.998207054			
ZG16B	ENSG00000162078.11	0.892799763	2	2	0.63536731		
	Brain_Caudate_basal_ganglia	0.945657865	Brain_Amygdala		1.051130648		
	0.948869352	0.948869352	-0.474185953		0.068160507	-0.203012723	
	0.383496859	2	0	0.998207054			
RP11-769N22.1	ENSG00000249228.1	0.892877805	2	2	0.65668056		
	Brain_Frontal_Cortex_BA9	0.757373952	Brain_Cortex		1.333661662		

	0.666338338	0.666338338	-0.444500787	-0.308931082	-0.376715935
	0.095862258	2	0	0.998207054	
ZNF761	ENSG00000160336.14	0.892934307	7	7	0.258334275
	Brain_Cerebellum0.912272869	Brain_Spinal_cord_cervical_c-1			2.341232341
	0.121461	0.121461	-0.655487636	1.130336939	0.034981392
	0.659247317	7	0	0.998207054	
YTHDC1	ENSG00000083896.12	0.892950803	1	1	0.892950803
	Brain_Cerebellum0.892950803	Brain_Cerebellum1	1	1	-0.13457134
	-0.13457134	-0.13457134	NA	1	0
				0.998207054	
MAF1	ENSG00000179632.9	0.892978008	2	1	0.889658068
	Brain_Caudate_basal_ganglia0.896300926	Brain_Putamen_basal_ganglia1.99997931			
	2.07E-05	1.99997931	-0.138736887	-0.130335587	-0.134536237
	0.005940616	1	0	0.998207054	
KBTBD2	ENSG00000170852.10	0.893039553	6	3	0.412556775
	Brain_Hippocampus	0.766791938	Brain_Cerebellum5.24333438	0.022115329	
	0.193214327	0.296573771	0.819402559	0.497190522	0.191913919
	3	0	0.998207054		
KMT5A	ENSG00000183955.12	0.893163601	5	4	0.428089589
	Brain_Hippocampus	0.967905351	Brain_Putamen_basal_ganglia3.361357721		
	0.073425149	0.309821827	-0.792465004	-0.040235531	-0.282638564
	0.323749067	4	0	0.998207054	
GCNT4	ENSG00000176928.5	0.893168876	3	3	0.48726608
	Brain_Cerebellum	0.81737158	Brain_Nucleus_accumbens_basal_ganglia	1.55047266	0.51173291
	-0.375429097	0.694663703	0.183387174	0.536628056	3
	0.998207054				0
PLPP4	ENSG00000203805.10	0.893249661	3	2	0.7021347
	Brain_Cerebellum	0.753691578	Brain_Cerebellar_Hemisphere2.005790855	0.004743699	
	0.989465447	0.313775468	0.382440438	0.347887411	0.03433461
	0	0.998207054			2
STYK1	ENSG00000060140.8	0.893364594	1	1	0.893364594
	Brain_Anterior_cingulate_cortex_BA24	0.893364594			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.134048031
	-0.134048031	-0.134048031	NA	1	0
				0.998207054	
RP11-370I10.10	ENSG00000275228.1	0.893370582	5	3	0.456583347
	Brain_Cortex	0.814331363	Brain_Cerebellum4.256705383	0.044627441	
	0.183834178	-0.744484613	-0.234842007	-0.4116209	0.199172823
	0	0.998207054			3
FAM20A	ENSG00000108950.11	0.89340416	1	1	0.89340416
	Brain_Cerebellum1	1	1	-0.133997995	-0.133997995
	-0.133997995	NA	1	0	0.998207054
TGFBR1	ENSG00000106799.12	0.893423905	1	1	0.893423905
	Brain_Cerebellum0.893423905	Brain_Cerebellum1	1	1	-0.133973025
	-0.133973025	-0.133973025	NA	1	0
				0.998207054	
GNB4	ENSG00000114450.9	0.893519877	3	3	0.56727007
	Brain_Nucleus_accumbens_basal_ganglia	0.883282632	Brain_Frontal_Cortex_BA9		
	1.69103478	0.6141537	0.6141537	-0.274363274	0.572076617
	0.423221596	3	0	0.998207054	0.148174177
CTD-2027I19.3	ENSG00000276030.1	0.893530307	1	1	0.893530307
	Brain_Cerebellar_Hemisphere0.893530307	Brain_Cerebellar_Hemisphere1	1	1	
	1	-0.133838469	-0.133838469	-0.133838469	NA
	0.998207054				1
LINC01978	ENSG00000262188.1	0.893610537	1	1	0.893610537
	Brain_Anterior_cingulate_cortex_BA24	0.893610537			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.133737011
	0.133737011	0.133737011	NA	1	0
				0.998207054	
FAM171A1	ENSG00000148468.16	0.893648106	4	4	0.397905462
	Brain_Nucleus_accumbens_basal_ganglia	0.734299439	Brain_Hippocampus		
	1.479510813	0.531748028	0.531748028	-0.845367898	0.49354884
	-0.282824474	0.561883129	4	0	0.998207054
RP11-313P18.2	ENSG00000259241.1	0.893651695	1	1	0.893651695
	Brain_Cerebellar_Hemisphere0.893651695	Brain_Cerebellar_Hemisphere1	1	1	
	1	0.133684965	0.133684965	0.133684965	NA
					1
					0

0.998207054									
MAP3K20	ENSG00000091436.16	0.893705548	1	1	0.893705548				
	Brain_Putamen_basal_ganglia	0.893705548			Brain_Putamen_basal_ganglia	1	1		
	1	-0.133616864	-0.133616864	-0.133616864	NA	1	0		
0.998207054									
CHST9	ENSG00000154080.13	0.893725687	5	1	0.78477967	Brain_Hypothalamus			
	0.99968938	Brain_Substantia_nigra	4.843222018		0.00363722	4.843222018			
	-0.224324738	0.273095677	0.038542292		0.187294918	1	0		
0.998207054									
EIF4E3	ENSG00000163412.12	0.89390909	4	3	0.537438381				
	Brain_Substantia_nigra	0.885806662			Brain_Spinal_cord_cervical_c-1				
	3.460544949	0.004606179	0.205531545		0.143612256	0.616691269			
	0.292071771	0.220902315	3	0	0.998207054				
CD302	ENSG00000241399.6	0.894004427	2	2	0.702131476	Brain_Cortex			
	0.795614334	Brain_Cerebellum	1.051193249		0.948806751	0.948806751			
	-0.259027096	0.382444786	0.061708845		0.453589117	2	0		
0.998207054									
NRBF2	ENSG00000148572.15	0.89402539	1	1	0.89402539	Brain_Substantia_nigra			
	0.89402539	Brain_Substantia_nigra	1	1	1	-0.133212418			
	-0.133212418	-0.133212418	NA	1	0	0.998207054			
PCDHA6	ENSG00000081842.17	0.894037109		3	3	0.471607431			
	Brain_Frontal_Cortex_BA9	0.756981281			Brain_Cerebellar_Hemisphere				
	1.810526427	0.19038472	0.19038472	0.309447317	0.719866118				
	0.513032362	0.205228686	3	0	0.998207054				
ZNF234	ENSG00000263002.7	0.894079461		2	2	0.686704521			
	Brain_Cerebellar_Hemisphere	0.800555794			Brain_Cortex	1.012819985			
	0.987180015	0.987180015	0.252627866		0.403331297	0.327979581			
	0.106563418	2	0	0.998207054					
ZFYVE19	ENSG00000166140.17	0.894185058		11	6	0.390433246			
	Brain_Hippocampus	0.850273992			Brain_Nucleus_accumbens_basal_ganglia				
	6.232352618	9.49E-06	0.463141644		-0.858831934	0.815719993			
	-0.381711333	0.581877323	6	0	0.998207054				
AGPAT4	ENSG00000026652.13	0.894219608		6	6	0.288784585			
	Brain_Cerebellum	0.979939384			Brain_Hippocampus	1.618290713			
	0.318290929	0.318290929	-1.060791678		0.026167293	-0.436753077			
	0.473059506	6	0	0.998207054					
ZNF641	ENSG00000167528.12	0.894236987		4	4	0.537635649			
	Brain_Cortex	0.635198806			Brain_Cerebellar_Hemisphere	2.340503072			
	0.180810331	0.180810331	-0.616392277		0.523584446	-0.268102779			
	0.53130282	4	0	0.998207054					
DDX56	ENSG00000136271.10	0.894380957		1	1	0.894380957	Brain_Cerebellum		
	0.894380957	Brain_Cerebellum	1	1	1	-0.132762823	-0.132762823		
	-0.132762823	NA	1	0	0.998207054				
DSG1	ENSG00000134760.5	0.894396536		1	1	0.894396536	Brain_Cortex		
	0.894396536	Brain_Cortex	1	1	1	-0.132743124	-0.132743124		
	-0.132743124	NA	1	0	0.998207054				
BCL2L13	ENSG00000099968.17	0.894439859		7	5	0.279430057			
	Brain_Substantia_nigra	0.947135242			Brain_Cortex	4.756720292			
	0.026939714	0.195659032	0.066304699		1.081600556	0.618545822			
	0.333695871	5	0	0.998207054					
RP11-62L18.3	ENSG00000223432.1	0.894715846		1	1	0.894715846			
	Brain_Spinal_cord_cervical_c-1	0.894715846			Brain_Spinal_cord_cervical_c-1				
	1	1	-0.132339398	-0.132339398	-0.132339398	NA	1	0	
0.998207054									
RP11-214N9.1	ENSG00000271855.1	0.894727281		6	6	0.218858828			
	Brain_Cerebellum	0.955225613			Brain_Amygdala	2.651205993	0.420358944		
	0.420358944	-1.229568242	0.325404253		-0.409782445	0.536738889			
	6	0	0.998207054						
PILRB	ENSG00000121716.20	0.894743538		13	1	0.796147703			
	Brain_Frontal_Cortex_BA9	0.976506934			Brain_Amygdala	12.92828126			
	0.000217298	12.92828126	-0.258335873		0.031111149	-0.131959813			
	0.094317156	1	0	0.998207054					

C2orf66	ENSG00000187944.2	0.894756751	1	1	0.894756751				
	Brain_Cortex	0.894756751		Brain_Cortex	1	1	1		-0.132287681
	-0.132287681	-0.132287681	NA	1	0	0.998207054			
C9orf152	ENSG00000188959.9	0.894794524	2	1	0.798459002				
	Brain_Cerebellum	0.994894		Brain_Cerebellar_Hemisphere	1.958798302				
	0.041201698	1.958798302		0.006399465	0.25534195	0.130870707			
	0.176028919	1	0	0.998207054					
BMP2	ENSG00000125845.6	0.894807607	2	2	0.706944899				
	Brain_Caudate_basal_ganglia	0.761677089		Brain_Cerebellar_Hemisphere					
	1.050906728	0.949093272		0.949093272	-0.375962332	0.30327921			
	-0.036341561	0.480296301	2	0	0.998207054				
ZNF43	ENSG00000198521.11	0.894823938	1	1	0.894823938				Brain_Cerebellum
	0.894823938	Brain_Cerebellum	1	1	1	0.132202735			0.132202735
	0.132202735	NA	1	0	0.998207054				
ANAPC10	ENSG00000164162.12	0.894838774	1	1	0.894838774				
	Brain_Hippocampus	0.894838774		Brain_Hippocampus	1	1	1		
	0.132183977	0.132183977		0.132183977	NA	1	0		0.998207054
COL2A1	ENSG00000139219.17	0.894968468	1	1	0.894968468				
	Brain_Frontal_Cortex_BA9	0.894968468		Brain_Frontal_Cortex_BA9	1	1			
	1	0.132020005		0.132020005	0.132020005	NA	1	0	
	0.998207054								
RP11-248M19.1	ENSG00000278075.1	0.895012061	1	1	0.895012061				
	Brain_Cerebellar_Hemisphere	0.895012061		Brain_Cerebellar_Hemisphere	1	1			
	1	0.131964892		0.131964892	0.131964892	NA	1	0	
	0.998207054								
SUCNR1	ENSG00000198829.6	0.895044552	3	3	0.536418839				
	Brain_Hypothalamus	0.986248855		Brain_Nucleus_accumbens_basal_ganglia					
	2.367472008	0.235483242		0.235483242	-0.618237431	-0.017235358			
	-0.273544001	0.310096398	3	0	0.998207054				
RP5-944M2.1	ENSG00000256494.1	0.895121635	1	1	0.895121635				
	Brain_Cortex	0.895121635		Brain_Cortex	1	1	1		0.131826361
	0.131826361	0.131826361	NA	1	0	0.998207054			
RTBDN	ENSG00000132026.13	0.895147031	3	3	0.481993455				
	Brain_Putamen_basal_ganglia	0.899361535		Brain_Cerebellar_Hemisphere					
	1.246987783	0.859877375		0.859877375	-0.703099963	0.187403148			
	-0.129742963	0.49747559	3	0	0.998207054				
TAGLN2	ENSG00000158710.14	0.895214651	2	2	0.638488334				
	Brain_Frontal_Cortex_BA9	0.968876631		Brain_Caudate_basal_ganglia					
	1.028434901	0.971565099		0.971565099	-0.469813408	-0.039017256			
	-0.254415332	0.304618881	2	0	0.998207054				
DPP6	ENSG00000130226.16	0.895240838	5	5	0.347838805				
	Brain_Hypothalamus	0.959990203		Brain_Nucleus_accumbens_basal_ganglia					
	2.360365499	0.31724942	0.31724942	-0.938789551	-0.050165878				
	-0.454546264	0.389128618	5	0	0.998207054				
ITGA7	ENSG00000135424.15	0.895246507	4	3	0.406754092				
	Brain_Cerebellar_Hemisphere	0.774488244		Brain_Frontal_Cortex_BA9					
	2.380851229	0.071187931		0.551060119	-0.829619245	0.286509075			
	-0.396739857	0.482737371	3	0	0.998207054				
SAR1B	ENSG00000152700.13	0.89532637	1	1	0.89532637				Brain_Cerebellum
	Brain_Cerebellum	1	1	1	0.13156753	0.13156753	0.13156753	NA	1
	0.998207054								0
TRMT61B	ENSG00000171103.10	0.895340959	13	1	0.565658299				
	Brain_Hypothalamus	0.856403026		Brain_Cortex	11.95567605				0.00209209
	11.95567605	-0.574457431		0.453405322	0.122672267	0.343373632			
	1	0	0.998207054						
TMEM120A	ENSG00000189077.10	0.895394251	3	3	0.489021529				
	Brain_Spinal_cord_cervical_c-1	0.777430047		Brain_Cerebellum	1.600821585				
	0.421392616	0.421392616		0.282669698	0.691865929	0.474205192			
	0.205845294	3	0	0.998207054					
MATN3	ENSG00000132031.12	0.895548232	1	1	0.895548232				
	Brain_Frontal_Cortex_BA9	0.895548232		Brain_Frontal_Cortex_BA9	1	1			
	1	-0.131287055		-0.131287055	-0.131287055	NA	1	0	

0.998207054
 NKPD1 ENSG00000179846.9 0.895894074 1 1 0.895894074
 Brain_Spinal_cord_cervical_c-1 0.895894074 Brain_Spinal_cord_cervical_c-1
 1 1 1 -0.130849867 -0.130849867 -0.130849867 NA 1 0
 0.998207054
 TRPV3 ENSG00000167723.14 0.895910174 9 9 0.13710939
 Brain_Putamen_basal_ganglia 0.927375164 Brain_Anterior_cingulate_cortex_BA24
 2.097620743 0.250584865 0.250584865 -0.662581786 1.486641996
 0.25303592 0.658655455 9 0 0.998207054
 AK5 ENSG00000154027.18 0.895928874 4 3 0.529082181
 Brain_Spinal_cord_cervical_c-1 0.993137963 Brain_Cortex 2.651492667
 0.057486337 0.344464131 -0.22917631 0.629407696 0.152336186
 0.366662342 3 0 0.998207054
 CLGN ENSG00000153132.12 0.895992118 5 5 0.350582176
 Brain_Nucleus_accumbens_basal_ganglia 0.981649781 Brain_Cerebellar_Hemisphere
 2.390374711 0.209018651 0.209018651 -0.663151045 0.933460654
 0.007839585 0.577317983 5 0 0.998207054
 PGLYRP1 ENSG00000008438.4 0.896098705 1 1 0.896098705
 Brain_Cerebellum 0.896098705 Brain_Cerebellum 1 1 1 0.1305912
 0.1305912 0.1305912 NA 1 0 0.998207054
 ANO10 ENSG00000160746.12 0.896193963 1 1 0.896193963
 Brain_Nucleus_accumbens_basal_ganglia 0.896193963
 Brain_Nucleus_accumbens_basal_ganglia 1 1 1 0.13047079 0.13047079
 0.13047079 NA 1 0 0.998207054
 RP4-794I6.4 ENSG00000277287.1 0.896200833 3 3 0.510643318
 Brain_Nucleus_accumbens_basal_ganglia 0.797817946 Brain_Frontal_Cortex_BA9
 1.336716121 0.655750877 0.655750877 -0.256172106 0.657836313
 0.297298707 0.486590448 3 0 0.998207054
 NFKBIZ ENSG00000144802.11 0.896279813 2 2 0.710549333
 Brain_Hippocampus 0.852229629 Brain_Hypothalamus 1.243200591
 0.756799409 0.756799409 0.18627434 0.371118419 0.27869638
 0.130704502 2 0 0.998207054
 FSIP2 ENSG00000188738.14 0.896344695 5 4 0.368596169 Brain_Cerebellum
 0.649637026 Brain_Hypothalamus 3.996847809 0.028150743
 0.156592818 0.454266499 0.899106063 0.706762145 0.176705369
 4 0 0.998207054
 FYN ENSG00000010810.17 0.896539136 2 2 0.708587155
 Brain_Caudate_basal_ganglia 0.976506053 Brain_Nucleus_accumbens_basal_ganglia
 1.649583131 0.350416869 0.350416869 0.029449552 0.373754257
 0.201601904 0.243460192 2 0 0.998207054
 OVOL1 ENSG00000172818.9 0.896590407 6 3 0.647947387
 Brain_Anterior_cingulate_cortex_BA24 0.983930243
 Brain_Nucleus_accumbens_basal_ganglia 5.228901499 0.00055466 0.179346534
 0.020141815 0.456615568 0.158445813 0.165404122 3 0
 0.998207054
 LINC02128 ENSG00000261241.5 0.896628313 2 2 0.644499499
 Brain_Spinal_cord_cervical_c-1 0.824678892 Brain_Hypothalamus
 1.330911449 0.669088551 0.669088551 -0.461416941 -0.221531141
 -0.341474041 0.169624876 2 0 0.998207054
 CABP1 ENSG00000157782.9 0.896689293 2 2 0.649255539
 Brain_Hypothalamus 0.916068912 Brain_Cerebellar_Hemisphere 1.001511172
 0.998488828 0.998488828 0.105386772 0.454796652 0.280091712
 0.247070096 2 0 0.998207054
 GRHL1 ENSG00000134317.17 0.896774766 2 2 0.772716558
 Brain_Cerebellar_Hemisphere 0.991313334 Brain_Cerebellum 1.770957457
 0.229042543 0.229042543 -0.288823356 0.010887336 -0.13896801
 0.211927463 2 0 0.998207054
 KCNG4 ENSG00000168418.7 0.896785734 7 5 0.244936145
 Brain_Cerebellar_Hemisphere 0.937787635 Brain_Amygdala 3.977300445
 0.032436995 0.327813729 -0.233363778 1.162737196 0.226516363
 0.515792674 5 0 0.998207054
 GVQW1 ENSG00000241043.1 0.896915667 13 4 0.214828124

	Brain_Substantia_nigra	0.799107329		Brain_Frontal_Cortex_BA9					
	10.46793012	0.000678699	0.354931463	0.254502557	1.24039826				
	0.892661133	0.266392873	4	0	0.998207054				
CAMK2N2	ENSG00000163888.3	0.897030308		1	1	0.897030308			
	Brain_Frontal_Cortex_BA9	0.897030308		Brain_Frontal_Cortex_BA9	1	1			
	1	0.1294137	0.1294137	0.1294137	NA	1	0	0.998207054	
RHOD	ENSG00000173156.6	0.897116108	11	1	0.499334641				
	Brain_Caudate_basal_ganglia	0.981034191		Brain_Cerebellar_Hemisphere					
	10.24505179	7.62E-05	10.24505179	-0.466422149	0.675537018				
	0.125817162	0.288066335	1	0	0.998207054				
PCGF5	ENSG00000180628.14	0.897139855	1	1	0.897139855				
	Brain_Caudate_basal_ganglia	0.897139855		Brain_Caudate_basal_ganglia	1	1			
	1	0.129275249	0.129275249	0.129275249	NA	1	0	0.998207054	
SNAPC3	ENSG00000164975.15	0.89722859	1	1	0.89722859				
	Brain_Cerebellar_Hemisphere	0.89722859	Brain_Cerebellar_Hemisphere	1	1	1			
	-0.129163105	-0.129163105	-0.129163105	NA	1	0	0.998207054		
ANKRD7	ENSG00000106013.14	0.897292589	7	3	0.658015856				
	Brain_Nucleus_accumbens_basal_ganglia	0.900373159							
	Brain_Anterior_cingulate_cortex_BA24	6.096744915		0.00694389	0.236348136				
	-0.442654226	0.428025332	0.025410187	0.344326171	3	0			
	0.998207054								
ALX3	ENSG00000156150.6	0.897342909	1	1	0.897342909				
	Brain_Putamen_basal_ganglia	0.897342909		Brain_Putamen_basal_ganglia	1	1			
	1	0.129018628	0.129018628	0.129018628	NA	1	0	0.998207054	
FAM196B	ENSG00000204767.3	0.897431117	2	2	0.643403073				
	Brain_Putamen_basal_ganglia	0.966304016		Brain_Frontal_Cortex_BA9	1.00817569				
	0.99182431	0.99182431	0.042244215	0.462946002	0.252595109				
	0.297481087	2	0	0.998207054					
MLEC	ENSG00000110917.7	0.897449722	3	3	0.498320077				
	Brain_Cerebellar_Hemisphere	0.878390372		Brain_Caudate_basal_ganglia					
	1.521206779	0.48004836	0.48004836	-0.352532966	0.677135358				
	0.057197457	0.546071975	3	0	0.998207054				
HMCN1	ENSG00000143341.11	0.897500935	3	3	0.593903925				
	Brain_Anterior_cingulate_cortex_BA24	0.797307429		Brain_Frontal_Cortex_BA9					
	1.290247697	0.726295381	0.726295381	-0.414958248	0.533187309				
	0.125020801	0.487622712	3	0	0.998207054				
SKIDA1	ENSG00000180592.16	0.897541078	1	1	0.897541078				
	Brain_Anterior_cingulate_cortex_BA24	0.897541078							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.128768189				
	0.128768189	0.128768189	NA	1	0	0.998207054			
RAB21	ENSG00000080371.5	0.897596474	1	1	0.897596474				
	Brain_Hippocampus	0.897596474		Brain_Hippocampus	1	1	1		
	0.128698182	0.128698182	0.128698182	NA	1	0	0.998207054		
AGMO	ENSG00000187546.13	0.897655535	9	8	0.171396385				
	Brain_Anterior_cingulate_cortex_BA24	0.963607861		Brain_Putamen_basal_ganglia					
	3.660735854	0.059726494	0.161918758	-1.039847475	1.367730706				
	-0.06078722	0.748922613	8	0	0.998207054				
CYP8B1	ENSG00000180432.5	0.897678864	1	1	0.897678864				
	Brain_Nucleus_accumbens_basal_ganglia	0.897678864							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.128594064				
	-0.128594064	-0.128594064	NA	1	0	0.998207054			
FRG2	ENSG00000205097.6	0.897690726	1	1	0.897690726				
	Brain_Cerebellar_Hemisphere	0.897690726		Brain_Cerebellar_Hemisphere	1	1			
	1	0.128579073	0.128579073	0.128579073	NA	1	0	0.998207054	
LINC00964	ENSG00000249816.6	0.897691698	1	1	0.897691698				
	Brain_Spinal_cord_cervical_c-1	0.897691698		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.128577845	-0.128577845	-0.128577845	NA	1	0
	0.998207054								
HSPBAP1	ENSG00000169087.10	0.897833637	3	3	0.457161529				

	Brain_Nucleus_accumbens_basal_ganglia	0.489049463						
	Brain_Anterior_cingulate_cortex_BA24	2.664003401			0.160221038			
		0.160221038	0.691821452	0.743528904	0.720927519		0.026460316	
		3	0	0.998207054				
SH3D21	ENSG00000214193.10	0.897888163		9	8	0.20738361	Brain_Cortex	
	Brain_Hippocampus	0.83159843	2.191293118			0.061286009	0.241901632	
		-1.260792518	0.970248133	-0.008683709		0.784789906	8	0
		0.998207054						
CDC42SE2	ENSG00000158985.13	0.897969294		4	4	0.532556466		
	Brain_Putamen_basal_ganglia	0.829554865				Brain_Frontal_Cortex_BA9		
		1.970971959	0.322897333	0.322897333		-0.624108296	0.409809128	
		-0.046683124	0.466922744	4	0	0.998207054		
RP11-1109F11.5	ENSG00000271259.1	0.898050058		1	1	0.898050058		
	Brain_Cerebellum	0.898050058	Brain_Cerebellum1	1	1	1	-0.128124993	
		-0.128124993	-0.128124993	NA	1	0	0.998207054	
PROM2	ENSG00000155066.15	0.898130014		10	5	0.381791981		
	Brain_Frontal_Cortex_BA9	0.9498138	Brain_Cortex	5.918870503				
		0.014563294	0.361626216	-0.874599278		0.233919851	-0.218705706	
		0.342350809	5	0	0.998207054			
GSR	ENSG00000104687.12	0.898130414		6	5	0.308172238		
	Brain_Nucleus_accumbens_basal_ganglia	0.994260655	Brain_Caudate_basal_ganglia					
		2.731380659	0.03562325	0.457141425		-0.274055552	1.019064728	
		0.171519835	0.47053032	5	0	0.998207054		
ACER3	ENSG00000078124.11	0.898165239		5	5	0.418970436		
	Brain_Cerebellar_Hemisphere	0.849318462	Brain_Putamen_basal_ganglia					
		1.561639066	0.608158111	0.608158111		-0.772439275	0.808208724	
		-0.217164527	0.610054028	5	0	0.998207054		
SLC47A2	ENSG00000180638.17	0.898274794		1	1	0.898274794		
	Brain_Caudate_basal_ganglia	0.898274794	Brain_Caudate_basal_ganglia1	1	1			
		1	-0.127841011	-0.127841011	-0.127841011	NA	1	0
		0.998207054						
SPTBN2	ENSG00000173898.11	0.898297598		1	1	0.898297598		
	Brain_Hippocampus	0.898297598	Brain_Hippocampus	1	1	1		
		-0.127812196	-0.127812196	-0.127812196	NA	1	0	0.998207054
RFX7	ENSG00000181827.14	0.898313147		2	2	0.68969665	Brain_Cerebellum	
		0.839796784	Brain_Spinal_cord_cervical_c-1	1.079521672		0.920478328		
		0.920478328	-0.202153424	0.39926677	0.098556673	0.425268297	2	
		0	0.998207054					
PPP2R1B	ENSG00000137713.15	0.898331795		12	7	0.208663423		
	Brain_Nucleus_accumbens_basal_ganglia	0.95885214	Brain_Cerebellar_Hemisphere					
		6.604217758	0.011900071	0.266041366		-0.051594076	1.257249172	
		0.558656965	0.434252998	7	0	0.998207054		
STK10	ENSG00000072786.12	0.898371918		5	4	0.429368269		
	Brain_Anterior_cingulate_cortex_BA24	0.984935662	Brain_Hippocampus					
		2.036669322	0.013579378	0.926723392		-0.790273142	0.730885267	
		0.086229403	0.611019104	4	0	0.998207054		
IL20RA	ENSG00000016402.13	0.89837686		7	3	0.549688612	Brain_Cerebellum	
	Brain_Putamen_basal_ganglia	6.28298576	0.001865876			0.244083236		
		-0.598226799	-0.101831465	-0.241370319		0.170750187	3	0
		0.998207054						
CCL4L2	ENSG00000276070.4	0.89839546		11	2	0.714324119		
	Brain_Putamen_basal_ganglia	0.992293479	Brain_Hippocampus			9.486580959		
		0.000817986	0.454684486	-0.366054888		0.178926634	-0.06267803	
		0.133036414	2	0	0.998207054			
RP11-7908.1	ENSG00000271991.1	0.898907855		2	2	0.653292383		
	Brain_Cerebellum	0.874937718	Brain_Putamen_basal_ganglia	1.114510407				
		0.885489593	0.885489593	0.157389716		0.449193074	0.303291395	
		0.206336134	2	0	0.998207054			
PRH1	ENSG00000231887.6	0.898920901		13	2	0.665839153		
	Brain_Cerebellar_Hemisphere	0.983755892	Brain_Anterior_cingulate_cortex_BA24					
		11.9566004	0.002486285	0.434546576		-0.431865524	0.06283551	
		-0.179962293	0.146913402	2	0	0.998207054		

IFT52	ENSG00000101052.12	0.898948656	6	5	0.544913673	Brain_Cortex
	0.959155296	Brain_Caudate_basal_ganglia	4.088939222	0.009611566		
	0.176092616	-0.605399365	0.379686541	-0.089117216	0.401884485	
	5	0	0.998207054			
SPP1	ENSG00000118785.13	0.898954177	2	2	0.660224671	
	Brain_Hypothalamus	0.809369872	Brain_Anterior_cingulate_cortex_BA24			
	1.237899851	0.762100149	0.762100149	-0.439602995	-0.241239018	
	-0.340421006	0.140264513	2	0	0.998207054	
LZTS3	ENSG00000088899.14	0.898992842	1	1	0.898992842	
	Brain_Spinal_cord_cervical_c-1	0.898992842	Brain_Spinal_cord_cervical_c-1			
	1	1	0.12693374	0.12693374	0.12693374	NA
						1
						0
						0.998207054
CCDC157	ENSG00000187860.10	0.89902621	3	2	0.819298316	
	Brain_Frontal_Cortex_BA9	0.863225159	Brain_Caudate_basal_ganglia			
	2.500756333	0.024953298	0.474290369	-0.172270139	0.228447564	
	0.090276175	0.227476396	2	0	0.998207054	
NETO2	ENSG00000171208.9	0.89903949	2	2	0.652296782	Brain_Cortex
	0.918442013	Brain_Cerebellar_Hemisphere	1.007107724	0.992892276		
	0.992892276	-0.450573761	-0.102396435	-0.276485098	0.246198548	
	2	0	0.998207054			
RTN4IP1	ENSG00000130347.12	0.899073203	1	1	0.899073203	
	Brain_Anterior_cingulate_cortex_BA24	0.899073203				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.126832209	
	0.126832209	0.126832209	NA	1	0	0.998207054
ZFP2	ENSG00000198939.7	0.899253769	4	4	0.499780069	
	Brain_Spinal_cord_cervical_c-1	0.966061415	Brain_Cerebellum	1.807268675		
	0.268081403	0.268081403	-0.674835837	0.653702934	-0.093735602	
	0.579222341	4	0	0.998207054		
AHCY	ENSG00000101444.12	0.899261001	3	3	0.476294817	
	Brain_Caudate_basal_ganglia	0.909123057	Brain_Hypothalamus	1.547951878		
	0.523889476	0.523889476	-0.712274492	0.202867877	-0.207850451	
	0.464711695	3	0	0.998207054		
RCAN3	ENSG00000117602.11	0.899276497	1	1	0.899276497	
	Brain_Substantia_nigra	0.899276497	Brain_Substantia_nigra	1	1	
	1	-0.126575364	-0.126575364	-0.126575364	NA	1
						0
						0.998207054
CDK5	ENSG00000164885.12	0.899373185	2	2	0.667792158	
	Brain_Spinal_cord_cervical_c-1	0.936918925	Brain_Hypothalamus			
	1.197267127	0.802732873	0.802732873	-0.429180108	0.079142945	
	-0.175018581	0.359438678	2	0	0.998207054	
CTA-25406.1	ENSG00000261462.1	0.899387095	2	2	0.65201246	
	Brain_Caudate_basal_ganglia	0.878617684	Brain_Nucleus_accumbens_basal_ganglia			
	1.515942346	0.484057654	0.484057654	0.15272178	0.450968211	
	0.301844996	0.210892074	2	0	0.998207054	
NSFL1C	ENSG00000088833.17	0.899492948	3	2	0.660619141	
	Brain_Cerebellum	0.869168158	Brain_Caudate_basal_ganglia	2.006705509		
	4.59E-32	0.993294491	-0.43905851	-0.164715193	-0.347325526	
	0.158145767	2	0	0.998207054		
WDR47	ENSG00000085433.15	0.899541863	2	2	0.667682399	
	Brain_Cerebellar_Hemisphere	0.84662482	Brain_Caudate_basal_ganglia	1.065711226		
	0.934288774	0.934288774	-0.429330947	0.193426683	-0.117952132	
	0.440356143	2	0	0.998207054		
DZIP1L	ENSG00000158163.14	0.899582655	4	3	0.472573846	
	Brain_Cerebellum	0.763504264	Brain_Frontal_Cortex_BA9	2.826587794		
	0.091408908	0.231043752	0.300882278	0.718297541	0.556900359	
	0.193064004	3	0	0.998207054		
RP11-121G22.3	ENSG00000257467.5	0.899645812	2	2	0.649457714	
	Brain_Putamen_basal_ganglia	0.956368865	Brain_Frontal_Cortex_BA9	1.2690617		
	0.7309383	0.7309383	-0.454515673	-0.0547108	-0.254613236	0.282704737
	2	0	0.998207054			
KLHDC8A	ENSG00000162873.14	0.89967921	4	4	0.407170521	
	Brain_Caudate_basal_ganglia	0.955885847	Brain_Nucleus_accumbens_basal_ganglia			
	2.36220105	0.202469632	0.202469632	0.05531709	0.828883168	

	0.489576509	0.336346321	4	0	0.998207054			
RNPEPL1	ENSG00000142327.12	0.900027108	2	2	0.766028332			
	Brain_Cerebellum	0.775891644			Brain_Nucleus_accumbens_basal_ganglia			
	1.195084692	0.804915308	0.804915308	-0.284676959	0.297573985			
	0.006448513	0.411713591	2	0	0.998207054			
EOMES	ENSG00000163508.12	0.90005347	2	2	0.670394299	Brain_Hypothalamus		
	0.838336559	Brain_Cerebellum	1.077285134	0.922714866	0.922714866			
	0.204021678	0.425606917	0.314814297	0.156684425	2	0		
	0.998207054							
RP11-587H10.2	ENSG00000253634.1	0.900091748	1	1	0.900091748			
	Brain_Cerebellum	0.900091748	Brain_Cerebellum	1	1	1	-0.125545447	
	-0.125545447	-0.125545447	NA	1	0	0.998207054		
ERCC6L2	ENSG00000182150.15	0.90018848	7	4	0.410734698	Brain_Cortex		
	0.846084416	Brain_Cerebellar_Hemisphere	5.479664452	0.007002512				
	0.339103661	0.194116814	0.822601408	0.593673232	0.262044188			
	4	0	0.998207054					
TCOF1	ENSG00000070814.17	0.900251794	1	1	0.900251794	Brain_Cerebellum		
	0.900251794	Brain_Cerebellum	1	1	1	0.125343274	0.125343274	
	0.125343274	NA	1	0	0.998207054			
WDYHV1	ENSG00000156795.6	0.900401113	13	1	0.611284962			
	Brain_Spinal_cord_cervical_c-1	0.998209212	Brain_Frontal_Cortex_BA9					
	12.30614648	0.000120831	12.30614648	-0.508240114	0.066816462			
	-0.124137698	0.156370786	1	0	0.998207054			
TLCD2	ENSG00000185561.9	0.900413966	6	2	0.511318345			
	Brain_Nucleus_accumbens_basal_ganglia	0.760353377	Brain_Cerebellum					
	5.178379417	0.034057855	0.569633529	-0.656786284	-0.305016774			
	-0.420832951	0.127794748	2	0	0.998207054			
KCNN1	ENSG00000105642.15	0.900444345	1	1	0.900444345			
	Brain_Hippocampus	0.900444345	Brain_Hippocampus	1	1	1		
	-0.125100048	-0.125100048	-0.125100048	NA	1	0	0.998207054	
GCA	ENSG00000115271.10	0.900452432	2	2	0.667814203			
	Brain_Caudate_basal_ganglia	0.882273246	Brain_Cerebellar_Hemisphere					
	1.027227797	0.972772203	0.972772203	-0.429149814	-0.148088093			
	-0.288618953	0.198740649	2	0	0.998207054			
RP11-775C24.3	ENSG00000260619.1	0.900569159	1	1	0.900569159			
	Brain_Cerebellum	0.900569159	Brain_Cerebellum	1	1	1	0.12494239	
	0.12494239	0.12494239	NA	1	0	0.998207054		
ANO3	ENSG00000134343.12	0.900593757	1	1	0.900593757			
	Brain_Putamen_basal_ganglia	0.900593757	Brain_Putamen_basal_ganglia	1	1			
	1	0.12491132	0.12491132	0.12491132	NA	1	0	0.998207054
AC138647.1	ENSG00000226490.1	0.900693204	2	1	0.785946834			
	Brain_Putamen_basal_ganglia	0.981149882	Brain_Caudate_basal_ganglia					
	1.974101609	0.025898391	1.974101609	-0.271577588	0.023627317			
	-0.123975135	0.208741391	1	0	0.998207054			
PLD6	ENSG00000179598.5	0.900771014	3	3	0.523643679	Brain_Cortex		
	0.876309923	Brain_Cerebellum	1.952463445	0.113245864	0.113245864			
	-0.637738869	-0.155648716	-0.376919229	0.243466279	3	0		
	0.998207054							
TDRP	ENSG00000180190.11	0.900863915	3	3	0.484692947	Brain_Cerebellum		
	0.82639155	Brain_Putamen_basal_ganglia	1.360715705	0.62454927	0.62454927			
	-0.342385439	0.698774531	0.191906982	0.521121496	3	0		
	0.998207054							
LINC01918	ENSG00000226508.1	0.901010608	1	1	0.901010608			
	Brain_Caudate_basal_ganglia	0.901010608	Brain_Caudate_basal_ganglia	1	1			
	1	-0.1243848	-0.1243848	-0.1243848	NA	1	0	0.998207054
MTF1	ENSG00000188786.9	0.901023822	3	3	0.47398862	Brain_Cerebellum		
	0.817114514	Brain_Nucleus_accumbens_basal_ganglia	1.276920367					
	0.721501203	0.721501203	-0.231257819	0.716004419	0.272532023			
	0.476502972	3	0	0.998207054				
RBPMS2	ENSG00000166831.8	0.901032601	3	2	0.649118018			
	Brain_Cortex	0.728512845	Brain_Anterior_cingulate_cortex_BA24					
	2.777672781	0.065468991	0.156858228	-0.454987798	-0.347104457			

	-0.390065628	0.05719631	2	0	0.998207054				
RP5-1025A1.3	ENSG00000275358.1			0.901036764	12	8	0.168305493		
	Brain_Amygdala	0.955482134		Brain_Cerebellar_Hemisphere	5.905200019				
	0.032491823	0.228102185		-1.377669044	0.526775371		-0.238702975		
	0.581133235	8	0	0.998207054					
DDX58	ENSG00000107201.9	0.901222093	2	2	0.691427716				
	Brain_Cerebellar_Hemisphere	0.708823457		Brain_Cerebellum	1.429829758				
	0.570170242	0.570170242		-0.39691829	-0.373436689		-0.38517749		
	0.016603999	2	0	0.998207054					
STXBP4	ENSG00000166263.13	0.901254809	6	4	0.601374333				
	Brain_Cerebellum	0.987008192		Brain_Putamen_basal_ganglia	4.563708962				
	0.030112177	0.171677076		-0.522425173	0.39438899		-0.05585712		
	0.312919211	4	0	0.998207054					
MMP11	ENSG00000099953.9	0.901304131	2	2	0.652695768		Brain_Cerebellum		
	0.833837362	Brain_Cerebellar_Hemisphere	1.596130538	0.403869462					
	0.403869462	0.20978259	0.450020349	0.32990147	0.169873748	2	0		
	0.998207054								
GZMM	ENSG00000197540.7	0.901371593	2	2	0.682673066				
	Brain_Cerebellar_Hemisphere	0.785592252		Brain_Cerebellum	1.889999389				
	0.110000611	0.110000611		-0.408818223	-0.272038714		-0.340428468		
	0.096717719	2	0	0.998207054					
ANKMY1	ENSG00000144504.15	0.901549418	10	3	0.539804394				
	Brain_Hypothalamus	0.987743414		Brain_Substantia_nigra	8.935253241				
	2.55E-17	0.317209482		0.015361957	0.613108812		0.283770937		
	0.191818312	3	0	0.998207054					
S100A7	ENSG00000143556.8	0.901602839	1	1	0.901602839				
	Brain_Cerebellum	0.901602839		Brain_Cerebellum	1	1	1	-0.123636818	
	-0.123636818	-0.123636818	NA	1	0	0.998207054			
ZNF707	ENSG00000181135.15	0.901629086	4	4	0.486518873				
	Brain_Caudate_basal_ganglia	0.912503476		Brain_Nucleus_accumbens_basal_ganglia					
	1.98430635	0.284982823	0.284982823	-0.1791392	0.695856227				
	0.274515816	0.38696428	4	0	0.998207054				
DNTTIP1	ENSG00000101457.12	0.901667752	3	3	0.591919784				
	Brain_Cortex	0.832248608		Brain_Cerebellar_Hemisphere	2.512194223				
	0.123201019	0.123201019		0.211818535	0.536056093		0.332160281		
	0.177534391	3	0	0.998207054					
PRDX1	ENSG00000117450.13	0.901717259	4	4	0.342971528				
	Brain_Hippocampus	0.929160166		Brain_Amygdala	1.208256731				
	0.763643495	0.763643495		-0.948310262	0.475928307		-0.203506339		
	0.586493171	4	0	0.998207054					
DPYS	ENSG00000147647.12	0.901722282	1	1	0.901722282		Brain_Cortex		
	0.901722282	Brain_Cortex	1	1	1	0.123485972	0.123485972		
	0.123485972	NA	1	0	0.998207054				
C6orf226	ENSG00000221821.3	0.901911143	3	2	0.744315667				
	Brain_Cortex	0.97842002		Brain_Nucleus_accumbens_basal_ganglia	2.38504428				
	0.01247066	0.602485061		-0.282601732	0.326143658		0.005497378		
	0.305675034	2	0	0.998207054					
FAM149B1	ENSG00000138286.14	0.902079281	2	2	0.684041965				
	Brain_Putamen_basal_ganglia	0.732163032		Brain_Cerebellar_Hemisphere					
	1.384541686	0.615458314	0.615458314	0.342249638	0.40695374				
	0.374601689	0.045752709	2	0	0.998207054				
CFAP52	ENSG00000166596.14	0.902131665	1	1	0.902131665				
	Brain_Cortex	0.902131665		Brain_Cortex	1	1	1	0.122968976	
	0.122968976	0.122968976	NA	1	0	0.998207054			
BBS10	ENSG00000179941.6	0.902280491	4	4	0.375479744				
	Brain_Frontal_Cortex_BA9	0.829937749		Brain_Hypothalamus	2.065592833				
	0.119264746	0.119264746		-0.214781408	0.88625572	0.549238958			
	0.51287992	4	0	0.998207054					
MCU	ENSG00000156026.14	0.90228426	4	3	0.458096013				
	Brain_Anterior_cingulate_cortex_BA24	0.946805949		Brain_Cerebellum					
	2.041562072	0.024691701	0.933003336	-0.741985679	0.066718321				
	-0.217715591	0.358014318	3	0	0.998207054				

ATP6V0B	ENSG00000117410.13	0.902327312	1	1	0.902327312				
	Brain_Frontal_Cortex_BA9	0.902327312			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.122721911	-0.122721911	-0.122721911	NA	1	0		
	0.998207054								
APBB2	ENSG00000163697.16	0.902391259	3	3	0.574518147			Brain_Cerebellum	
	0.773639785	Brain_Amygdala	1.243110959		0.753512409			0.753512409	
	-0.561409884	-0.28761719	-0.468706981		0.156843206			3	0
	0.998207054								
CDC34	ENSG00000099804.8	0.902480939	2	2	0.6517613			Brain_Cerebellum	
	0.664808508	Brain_Cerebellar_Hemisphere	1.927703247		0.072296753				
	0.072296753	-0.451316714	-0.433283934		-0.442300324			0.012751101	
	2	0	0.998207054						
GLUD1	ENSG00000148672.8	0.902586104	2	2	0.659839334				
	Brain_Caudate_basal_ganglia	0.823307351			Brain_Cerebellar_Hemisphere				
	1.275532165	0.724467835	0.724467835		0.22329316	0.440135		0.33171408	
	0.153330336	2	0	0.998207054					
GTF2H2	ENSG00000145736.14	0.902623507	12	7	0.204978292				
	Brain_Cerebellar_Hemisphere	0.998097923			Brain_Hippocampus			6.095707433	
	1.31E-17	0.329797638	-1.267495164		0.002383902			-0.505451889	
	0.394208634	7	0	0.998207054					
MVB12B	ENSG00000196814.14	0.902641175	2	2	0.682329441				
	Brain_Cerebellum	0.877741593			Brain_Nucleus_accumbens_basal_ganglia				
	1.708882447	0.291117553	0.291117553		0.153832772			0.409286473	
	0.281559623	0.180633044	2	0	0.998207054				
ZNF221	ENSG00000159905.14	0.902858522	5	5	0.471651971				
	Brain_Anterior_cingulate_cortex_BA24	0.886035276			Brain_Cortex				
	2.173803067	0.341548357	0.341548357		-0.719793787			0.403357444	
	-0.038945549	0.442771974	5	0	0.998207054				
HOMER1	ENSG00000152413.14	0.902991188	1	1	0.902991188				
	Brain_Nucleus_accumbens_basal_ganglia	0.902991188							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.12188362			0.12188362	
	0.12188362	NA	1	0	0.998207054				
WASHC5	ENSG00000164961.15	0.903224828	1	1	0.903224828				
	Brain_Frontal_Cortex_BA9	0.903224828			Brain_Frontal_Cortex_BA9	1	1		
	1	-0.121588618	-0.121588618	-0.121588618	NA	1	0		
	0.998207054								
PM20D1	ENSG00000162877.12	0.903260423	12	2	0.367124978				
	Brain_Caudate_basal_ganglia	0.958180512			Brain_Cerebellar_Hemisphere				
	10.28969706	0.002999884	1.052877075		-0.19486864			0.901871791	
	0.37461923	0.314228262	2	0	0.998207054				
TUSC3	ENSG00000104723.20	0.903271301	4	4	0.328161577				
	Brain_Cerebellar_Hemisphere	0.996419132			Brain_Hippocampus			1.223103429	
	0.800812111	0.800812111	-0.977823599		0.05502422			-0.34851839	
	0.480005518	4	0	0.998207054					
EIF3J	ENSG00000104131.12	0.903380386	1	1	0.903380386				
	Brain_Anterior_cingulate_cortex_BA24	0.903380386							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.121392211				
	-0.121392211	-0.121392211	NA	1	0	0.998207054			
PNMT	ENSG00000141744.3	0.903421669	2	2	0.660661969				
	Brain_Cerebellar_Hemisphere	0.865340848			Brain_Anterior_cingulate_cortex_BA24				
	1.156731257	0.843268743	0.843268743		-0.438999403			-0.169579498	
	-0.30428945	0.190508642	2	0	0.998207054				
ZNF347	ENSG00000197937.12	0.903424791	10	10	0.175604047				
	Brain_Cerebellar_Hemisphere	0.998051939			Brain_Caudate_basal_ganglia				
	3.590013886	0.266001503	0.266001503		-1.354414898			0.529112108	
	-0.399894649	0.646506674	10	0	0.998207054				
ATOH7	ENSG00000179774.8	0.903503126	2	2	0.686882499				
	Brain_Cerebellar_Hemisphere	0.818394647			Brain_Cerebellum	1.07183882		0.92816118	
	0.92816118	-0.403089345	-0.229610243		-0.316349794			0.122668249	2
	0	0.998207054							
SHPRH	ENSG00000146414.15	0.903561494	1	1	0.903561494			Brain_Cerebellum	
	0.903561494	Brain_Cerebellum	1	1	1	0.121163551		0.121163551	

	0.121163551	NA	1	0	0.998207054				
GRHL3	ENSG00000158055.15	0.903681377	1	1	0.903681377				
	Brain_Caudate_basal_ganglia	0.903681377			Brain_Caudate_basal_ganglia	1	1		
	1	-0.121012194	-0.121012194	-0.121012194	NA	1	0		
	0.998207054								
RP11-452L6.1	ENSG00000261474.1	0.90389869	2	2	0.684840066				
	Brain_Hippocampus	0.922243277			Brain_Cortex	1.223604719			
	0.776395281	0.776395281	-0.405867355	-0.097608371	-0.251737863				
	0.217972018	2	0	0.998207054					
LINC01844	ENSG00000236714.1	0.903947118	1	1	0.903947118				
	Brain_Substantia_nigra	0.903947118			Brain_Substantia_nigra	1	1		
	1	-0.120676696	-0.120676696	-0.120676696	NA	1	0		
	0.998207054								
ZNF189	ENSG00000136870.10	0.903960856	10	4	0.368669577				
	Brain_Hypothalamus	0.977860312			Brain_Substantia_nigra	8.032650291			
	0.010859379	0.341149875	-0.210882853	0.898968241	0.299107818				
	0.305895711	4	0	0.998207054					
TAF11	ENSG00000064995.16	0.904007846	4	4	0.570178107				
	Brain_Frontal_Cortex_BA9	0.934646768			Brain_Cortex	3.177956689			
	0.167681468	0.167681468	0.081999932	0.567789211	0.371407147				
	0.22174771	4	0	0.998207054					
LINC01930	ENSG00000269998.1	0.904010397	1	1	0.904010397				
	Brain_Putamen_basal_ganglia	0.904010397			Brain_Putamen_basal_ganglia	1	1		
	1	0.120596809	0.120596809	0.120596809	NA	1	0		
	0.998207054								
PSRC1	ENSG00000134222.16	0.904039584	9	7	0.188521606				
	Brain_Cerebellar_Hemisphere	0.972583408			Brain_Hypothalamus	4.593035313			
	0.018736348	0.328101711	-0.573649916	1.314965177	0.477863742				
	0.583875547	7	0	0.998207054					
CCDC152	ENSG00000198865.9	0.904174541	3	3	0.519654706				
	Brain_Cerebellar_Hemisphere	0.866880228			Brain_Hypothalamus	1.611198333			
	0.402133493	0.402133493	-0.643877758	0.311146587	-0.166784574				
	0.477512724	3	0	0.998207054					
RPAP1	ENSG00000103932.11	0.904203171	13	3	0.3662209	Brain_Cortex			
	0.929831129	Brain_Putamen_basal_ganglia	11.51088395	0.004004266					
	0.447786271	-0.903574817	-0.088057306	-0.651011512	0.243554684				
	3	0	0.998207054						
LY6H	ENSG00000176956.12	0.904217868	5	5	0.241406692	Brain_Cortex			
	0.82010645	Brain_Frontal_Cortex_BA9	1.212449266	0.720148896					
	0.720148896	-0.273595249	1.171478009	0.238138571	0.58527856	5			
	0	0.998207054							
EBF1	ENSG00000164330.16	0.904237273	1	1	0.904237273				
	Brain_Nucleus_accumbens_basal_ganglia	0.904237273							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.120310391				
	0.120310391	0.120310391	NA	1	0	0.998207054			
RBP4	ENSG00000138207.13	0.904251946	5	4	0.640125565				
	Brain_Frontal_Cortex_BA9	0.854759961			Brain_Putamen_basal_ganglia	2.35850425			
	0.001396481	0.539702903	-0.467523246	0.417130596	-0.007672604				
	0.386457909	4	0	0.998207054					
TOPORS	ENSG00000197579.7	0.904591632	1	1	0.904591632				
	Brain_Amygdala	0.904591632			Brain_Amygdala	1	1	1	-0.119863054
	-0.119863054	-0.119863054	NA	1	0	0.998207054			
KCNRG	ENSG00000198553.8	0.904604976	2	2	0.903427611				
	Brain_Cerebellar_Hemisphere	0.962215895			Brain_Cerebellum	1.928522807			
	0.071477193	0.071477193	-0.121332585	0.047373067	-0.036979759				
	0.119292911	2	0	0.998207054					
COL19A1	ENSG00000082293.12	0.904698957	2	2	0.707228768				
	Brain_Putamen_basal_ganglia	0.82646621			Brain_Cerebellum	1.063057694			
	0.936942306	0.936942306	-0.375580529	0.219236005	-0.078172262				
	0.420598805	2	0	0.998207054					
CD209	ENSG00000090659.17	0.904744592	3	3	0.530305219	Brain_Amygdala			
	0.99629438	Brain_Cerebellar_Hemisphere	1.678226906	0.318501543					

	0.318501543	-0.627540162	-0.004644322	-0.325271669	0.311853479			
	3	0	0.998207054					
TBX1	ENSG00000184058.12	0.904775604	1	1	0.904775604			
	Brain_Hippocampus	0.904775604	Brain_Hippocampus	1	1	1		
	0.11963082	0.11963082	NA	1	0	0.998207054		
DPY19L3	ENSG00000178904.18	0.904794777	3	3	0.692350806			
	Brain_Nucleus_accumbens_basal_ganglia	0.937705357	Brain_Caudate_basal_ganglia					
	2.60903213	0.125279703	0.125279703	-0.395666861	0.134758591			
	-0.113020839	0.266926112	3	0	0.998207054			
PYY	ENSG00000131096.10	0.904858237	1	1	0.904858237			
	Brain_Hypothalamus	0.904858237	Brain_Hypothalamus	1	1	1		
	-0.119526512	-0.119526512	-0.119526512	NA	1	0	0.998207054	
ARHGAP9	ENSG00000123329.17	0.904929652	2	2	0.892774145			
	Brain_Cerebellar_Hemisphere	0.973727471	Brain_Cerebellum	1.928635357				
	0.071364643	0.071364643	-0.134794766	0.032933684	-0.050930541			
	0.118601924	2	0	0.998207054				
METAP1	ENSG00000164024.11	0.904935271	4	4	0.500802997			
	Brain_Anterior_cingulate_cortex_BA24	0.839272729	Brain_Frontal_Cortex_BA9					
	1.485523258	0.51754697	0.51754697	-0.673226826	0.593104115			
	0.153994655	0.575792102	4	0	0.998207054			
LINC01353	ENSG00000231507.1	0.904975731	3	3	0.586067024			
	Brain_Nucleus_accumbens_basal_ganglia	0.81335038	Brain_Caudate_basal_ganglia					
	1.1474018	0.861051611	0.861051611	-0.544544225	0.236106049			
	-0.224449266	0.40884049	3	0	0.998207054			
CCDC137	ENSG00000185298.12	0.905025618	8	8	0.229247088			
	Brain_Cerebellar_Hemisphere	0.969229645	Brain_Caudate_basal_ganglia					
	2.119758054	0.244028788	0.244028788	-0.846510005	1.202300592			
	0.346096595	0.606712658	8	0	0.998207054			
MYBPH	ENSG00000133055.8	0.905082181	2	2	0.657291568			
	Brain_Spinal_cord_cervical_c-1	0.915863563	Brain_Hypothalamus					
	1.123443843	0.876556157	0.876556157	0.105645576	0.443655646			
	0.274650611	0.239009213	2	0	0.998207054			
AF064858.11	ENSG00000237721.1	0.905157997	2	2	0.672485083			
	Brain_Frontal_Cortex_BA9	0.893735009	Brain_Anterior_cingulate_cortex_BA24					
	1.023294929	0.976705071	0.976705071	-0.422739843	0.13357961			
	-0.144580117	0.393377258	2	0	0.998207054			
STAT2	ENSG00000170581.13	0.905170522	2	1	0.824327552	Brain_Cerebellum		
	0.988587267	Brain_Cerebellar_Hemisphere	1.966931412	0.033068588				
	1.966931412	-0.221982442	-0.014304227	-0.118143335	0.146850674			
	1	0	0.998207054					
KRTCAP3	ENSG00000157992.12	0.905498766	4	4	0.366658321			
	Brain_Cerebellum	0.807875099	Brain_Caudate_basal_ganglia	2.292955014				
	0.093199795	0.093199795	0.243168201	0.902750513	0.649556563			
	0.288643235	4	0	0.998207054				
KLHL14	ENSG00000197705.9	0.90555763	6	6	0.602810734			
	Brain_Nucleus_accumbens_basal_ganglia	0.975617993	Brain_Amygdala					
	2.288284502	0.109547352	0.109547352	-0.520362798	0.487762666			
	0.034831695	0.39946394	6	0	0.998207054			
ST3GAL5	ENSG00000115525.17	0.905581153	1	1	0.905581153			
	Brain_Spinal_cord_cervical_c-1	0.905581153	Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.118614025	-0.118614025	-0.118614025	NA	1
	0.998207054							0
PHLPP1	ENSG00000081913.13	0.905582762	2	2	0.689016089			
	Brain_Nucleus_accumbens_basal_ganglia	0.846966084	Brain_Hypothalamus					
	1.006135212	0.993864788	0.993864788	-0.400190667	0.192990914			
	-0.103599876	0.419442718	2	0	0.998207054			
CREM	ENSG00000095794.19	0.905584156	1	1	0.905584156			
	Brain_Substantia_nigra	0.905584156	Brain_Substantia_nigra	1	1			
	1	0.118610235	0.118610235	0.118610235	NA	1	0	
	0.998207054							
RP11-552E20.4	ENSG00000226070.1	0.905899442	3	3	0.548115566			
	Brain_Cerebellum	0.723009773	Brain_Hippocampus	1.926046591				

	0.085354304	0.085354304	-0.600586299	-0.354439185	-0.448939308				
	0.132651513	3	0	0.998207054					
LINC00598	ENSG00000215483.9	0.905976664	3	3	0.502390045				
	Brain_Cortex	0.817790225			Brain_Nucleus_accumbens_basal_ganglia				
	1.054603081	0.94108352	0.94108352	-0.670733928	0.270309123				
	-0.056678909	0.532161721	3	0	0.998207054				
CDK2AP1	ENSG00000111328.6	0.905986082	2	2	0.718909632				
	Brain_Substantia_nigra	0.804367471			Brain_Cortex	1.035445828			
	0.964554172	0.964554172	-0.359916428	0.247698786	-0.056108821				
	0.429648838	2	0	0.998207054					
USP13	ENSG00000058056.8	0.90610728	2	2	0.660232777				
	Brain_Anterior_cingulate_cortex_BA24	0.979761825			Brain_Cerebellum				
	1.084824476	0.915175524	0.915175524	0.025367512	0.439591806				
	0.232479659	0.292900807	2	0	0.998207054				
ZNF816	ENSG00000180257.13	0.906264691	3	2	0.659897552				
	Brain_Putamen_basal_ganglia	0.927552807			Brain_Cerebellum	2.012173706			
	1.24E-07	0.98782617	-0.090939454	0.440054615	0.086063648	0.30656517			
	2	0	0.998207054						
EAR52	ENSG00000103356.15	0.906281067	12	2	0.66713918	Brain_Cerebellum			
	0.997950441	Brain_Cortex	10.96316828	0.006827382	0.459480049				
	-0.308631398	0.430077619	-0.019673469	0.206871044	2	0			
	0.998207054								
KRBOX1	ENSG00000240747.7	0.906347607	1	1	0.906347607				
	Brain_Nucleus_accumbens_basal_ganglia	0.906347607							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.117646692				
	0.117646692	0.117646692	NA	1	0	0.998207054			
MPV17L	ENSG00000156968.8	0.906350754	1	1	0.906350754				
	Brain_Putamen_basal_ganglia	0.906350754			Brain_Putamen_basal_ganglia	1	1		
	1	0.117642721	0.117642721	0.117642721	NA	1	0		
	0.998207054								
KIF15	ENSG00000163808.16	0.906401874	5	4	0.421867718	Brain_Cerebellum			
	0.868417962	Brain_Cortex	3.525924167	0.045329259	0.224830459				
	-0.284490599	0.803185166	0.181669945	0.435828336	4	0			
	0.998207054								
SCARF2	ENSG00000244486.8	0.906542187	3	3	0.60443069				
	Brain_Caudate_basal_ganglia	0.84323771			Brain_Hippocampus	1.267149962			
	0.830735452	0.830735452	-0.423033266	0.518039529	-0.034249172				
	0.491380524	3	0	0.998207054					
CLSTN2	ENSG00000158258.16	0.906590307	2	2	0.733543825				
	Brain_Cerebellar_Hemisphere	0.742303103			Brain_Putamen_basal_ganglia				
	1.142193695	0.857806305	0.857806305	-0.340415265	0.328804974				
	-0.005805145	0.473210169	2	0	0.998207054				
LSM6	ENSG00000164167.10	0.906599524	7	3	0.480440973				
	Brain_Spinal_cord_cervical_c-1	0.998124284			Brain_Cortex	5.352344344			
	0.016784114	0.427606568	0.002350864	0.705593492	0.358125766				
	0.257176035	3	0	0.998207054					
DOCK1	ENSG00000150760.12	0.906620716	1	1	0.906620716				
	Brain_Spinal_cord_cervical_c-1	0.906620716			Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.11730203	0.11730203	0.11730203	NA	1	0
	0.998207054								
SNX14	ENSG00000135317.12	0.90685211	3	3	0.459291622	Brain_Cortex			
	0.860716722	Brain_Amygdala	1.351350655	0.656698187	0.656698187				
	-0.175461879	0.740013799	0.265284051	0.45868301	3	0			
	0.998207054								
SPSB3	ENSG00000162032.15	0.906877951	1	1	0.906877951				
	Brain_Caudate_basal_ganglia	0.906877951			Brain_Caudate_basal_ganglia	1	1		
	1	0.116977415	0.116977415	0.116977415	NA	1	0		
	0.998207054								
IL17REL	ENSG00000188263.10	0.906965927	1	1	0.906965927				
	Brain_Frontal_Cortex_BA9	0.906965927			Brain_Frontal_Cortex_BA9	1	1		
	1	0.116866397	0.116866397	0.116866397	NA	1	0		
	0.998207054								
TBX10	ENSG00000167800.9	0.906993042	1	1	0.906993042				

	Brain_Spinal_cord_cervical_c-1	0.906993042		Brain_Spinal_cord_cervical_c-1			
AC093627.8	ENSG00000242611.2	0.907041997	2	2	0.673376739		
	Brain_Frontal_Cortex_BA9	0.899918997		Brain_Cortex	1.015042202		
	0.984957798	0.984957798	-0.421518179	0.125763674	-0.147877253		
	0.38698671	2	0	0.998207054			
MAATS1	ENSG00000183833.16	0.907070407	1	1	0.907070407		
	Brain_Nucleus_accumbens_basal_ganglia	0.907070407					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.116734554		
	0.116734554	0.116734554	NA	1	0	0.998207054	
PYGB	ENSG00000100994.11	0.907471138	5	4	0.320685872		
	Brain_Substantia_nigra	0.746746657		Brain_Cerebellar_Hemisphere			
	3.437320399	-0.03212452	0.197100842	-0.893896144	0.993049418		
	-0.020689266	0.88120733	4	0	0.998207054		
ARL17B	ENSG00000228696.8	0.907530163	12	8	0.267351995		
	Brain_Cerebellar_Hemisphere	0.905152531		Brain_Cerebellum	5.817758371		
	0.092369616	-0.271967143	-1.109181261	0.850982689	-0.259878359		
	0.702899369	8	0	0.998207054			
RP5-1116H23.5	ENSG00000276768.1	0.907553812	3	3	0.553399705		
	Brain_Cerebellum	0.890034639		Brain_Caudate_basal_ganglia	1.600442351		
	0.43372455	0.43372455	-0.138260377	0.592673461	0.273671887		
	0.374223401	3	0	0.998207054			
TMBIM6	ENSG00000139644.12	0.907618676	2	2	0.66194505	Brain_Cerebellum	
	0.934321477	Brain_Cortex	1.070096152	0.929903848	0.929903848		
	-0.082409003	0.437229317	0.177410157	0.36743978	2	0	
	0.998207054						
CCDC188	ENSG00000234409.6	0.907622968	7	7	0.241747512		
	Brain_Hippocampus	0.932666139		Brain_Amygdala	1.617649758		
	0.411002259	0.411002259	-0.687372435	1.170630053	0.157633798		
	0.639013583	7	0	0.998207054			
FNTA	ENSG00000168522.12	0.907650915	1	1	0.907650915		
	Brain_Anterior_cingulate_cortex_BA24	0.907650915					
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.116002052		
	-0.116002052	-0.116002052	NA	1	0	0.998207054	
FZD3	ENSG00000104290.10	0.907723869	2	2	0.699052132	Brain_Amygdala	
	0.831426822	Brain_Substantia_nigra	1.007009282	0.992990718			
	0.992990718	-0.386600306	-0.212871975	-0.29973614	0.122844481		
	2	0	0.998207054				
LYZ	ENSG00000090382.6	0.907868035	7	5	0.283614212		
	Brain_Spinal_cord_cervical_c-1	0.787858557					
	Brain_Nucleus_accumbens_basal_ganglia	4.190262403		0.050952677			
	0.190150309	-0.510983834	1.072235626	0.509717753	0.633318114		
	5	0	0.998207054				
NDST4	ENSG00000138653.9	0.907919456	1	1	0.907919456		
	Brain_Hypothalamus	0.907919456		Brain_Hypothalamus	1	1	1
	0.115663221	0.115663221	0.115663221	NA	1	0	0.998207054
VPS28	ENSG00000160948.13	0.907942932	12	2	0.640448463	Brain_Cortex	
	0.95463963	Brain_Substantia_nigra	11.36701377	1.81E-07	0.464814466		
	-0.467071864	0.056881452	-0.241984138	0.133455929	2	0	
	0.998207054						
INPP1	ENSG00000151689.12	0.907949543	11	1	0.681473834	Brain_Amygdala	
	0.983355742	Brain_Hypothalamus	10.43165601	0.000799086			
	10.43165601	-0.07851184	0.410452783	0.114020861	0.143813904		
	1	0	0.998207054				
C9orf40	ENSG00000135045.6	0.908054539	2	2	0.6676423	Brain_Cerebellum	
	0.938254176	Brain_Cerebellar_Hemisphere	1.379409274	0.620590726			
	0.620590726	-0.429386055	-0.077464318	-0.253425187	0.248846247		
	2	0	0.998207054				
BCL2L2	ENSG00000129473.9	0.908116661	3	3	0.472909409		
	Brain_Cortex	0.910221201		Brain_Cerebellar_Hemisphere	1.260206392		
	0.744315824	0.744315824	-0.112759533	0.717753307	0.293688866		
	0.415536567	3	0	0.998207054			

GRIP2	ENSG00000144596.12	0.908117713	1	1	0.908117713			
	Brain_Putamen_basal_ganglia	0.908117713			Brain_Putamen_basal_ganglia	1	1	
	1	0.115413078	0.115413078	0.115413078	NA	1	0	
	0.998207054							
RP11-863P13.3	ENSG00000261327.4	0.908145628	4	4	0.325115393			
	Brain_Hypothalamus	0.937385967			Brain_Spinal_cord_cervical_c-1	1.33761067		
	0.656169992	0.656169992	-0.213762814	0.984000244	0.238511506			
	0.535850146	4	0	0.998207054				
LINC00484	ENSG00000229694.6	0.908212576	8	6	0.297106353			
	Brain_Cerebellar_Hemisphere	0.975486769			Brain_Cortex	4.976905626		
	0.050099107	-0.192594907	-0.089527455	1.042658784	0.399623271			
	0.426412099	6	0	0.998207054				
PLA2G4D	ENSG00000159337.6	0.908249319	1	1	0.908249319			
	Brain_Caudate_basal_ganglia	0.908249319			Brain_Caudate_basal_ganglia	1	1	
	1	0.115247034	0.115247034	0.115247034	NA	1	0	
	0.998207054							
CNIH1	ENSG00000100528.11	0.908257313	8	3	0.417036178			
	Brain_Hypothalamus	0.852383054			Brain_Caudate_basal_ganglia	6.897915767		
	0.010609596	0.329712311	-0.811573891	-0.186078689	-0.526260813			
	0.20092429	3	0	0.998207054				
CRCP	ENSG00000241258.6	0.908279762	10	4	0.207929977	Brain_Amygdala		
	0.866443377	Brain_Anterior_cingulate_cortex_BA24	7.03690291	0.016947402				
	0.351478376	-1.259277888	-0.168177835	-0.658761626	0.353502505			
	4	0	0.998207054					
PRSS3	ENSG00000010438.16	0.908298435	8	6	0.362275594			
	Brain_Hippocampus	0.969002663			Brain_Cortex	4.90223773	0.076483422	
	0.263493316	-0.348412021	0.91103754	0.317089706	0.483032948		6	
	0	0.998207054						
HFM1	ENSG00000162669.15	0.908381315	13	5	0.376743506			
	Brain_Hippocampus	0.928264744			Brain_Putamen_basal_ganglia	9.106890795		
	0.007749072	0.30790487	-0.173777926	0.883912394	0.419891559			
	0.320001595	5	0	0.998207054				
LRRC26	ENSG00000184709.7	0.90843703	1	1	0.90843703	Brain_Hippocampus		
	0.90843703	Brain_Hippocampus	1	1	1	0.115010209	0.115010209	
	0.115010209	NA	1	0	0.998207054			
CTD-2575K13.6	ENSG00000268041.2	0.908500534	1	1	0.908500534			
	Brain_Cortex	0.908500534			Brain_Cortex	1	1	1
	0.114930091	0.114930091	NA	1	0	0.998207054		0.114930091
TNFRSF4	ENSG00000186827.10	0.908515503	4	4	0.388259582			
	Brain_Substantia_nigra	0.968353407			Brain_Cerebellar_Hemisphere			
	1.630734681	0.369819527	0.369819527	-0.862777919	0.039673528			
	-0.347258275	0.385278422	4	0	0.998207054			
PSMD12	ENSG00000197170.9	0.908547841	1	1	0.908547841			
	Brain_Hippocampus	0.908547841			Brain_Hippocampus	1	1	1
	0.114870408	0.114870408	0.114870408	NA	1	0	0.998207054	
RP11-147L13.14	ENSG00000278740.1	0.908558918	13	2	0.590970375			
	Brain_Hypothalamus	0.993960534			Brain_Cortex	11.62200835		
	0.003151068	0.663076922	-0.255979505	0.537430363	0.010528215			
	0.218030042	2	0	0.998207054				
PAQR4	ENSG00000162073.13	0.908801703	3	3	0.521883531	Brain_Amygdala		
	0.929092744	Brain_Cerebellar_Hemisphere	1.116132731	0.902659163				
	0.902659163	-0.351794255	0.640444699	0.066554692	0.514081026			
	3	0	0.998207054					
ZZEF1	ENSG00000074755.14	0.908859235	2	2	0.780000793	Brain_Cortex		
	0.952270675	Brain_Putamen_basal_ganglia	1.674570757	0.325429243				
	0.325429243	-0.279318001	0.059855559	-0.109731221	0.239831924			
	2	0	0.998207054					
TAS2R5	ENSG00000127366.5	0.908860837	4	4	0.545920383			
	Brain_Cerebellar_Hemisphere	0.790222225			Brain_Cerebellum	2.000667895		
	0.102644855	0.102644855	-0.312678648	0.603884578	0.224130769			
	0.386175697	4	0	0.998207054				
RP3-453C12.15	ENSG00000277022.1	0.908965937	1	1	0.908965937			

	Brain_Spinal_cord_cervical_c-1	0.908965937			Brain_Spinal_cord_cervical_c-1			
	1 1 1	0.114342949	0.114342949	0.114342949	NA	1	0	
	0.998207054							
ELMO3	ENSG00000102890.14	0.908993899	5	5	0.433029689			
	Brain_Anterior_cingulate_cortex_BA24	0.920994978			Brain_Cerebellum			
	1.748458905	0.349502861	0.349502861	-0.78401776	0.11165513			
	-0.345385577	0.428335214	5	0	0.998207054			
TEX264	ENSG00000164081.12	0.90901658	6	2	0.286380614	Brain_Cortex		
	Brain_Nucleus_accumbens_basal_ganglia	5.203795226						
	0.998708572	0.627413371	-1.06609519	0.050017518	-0.351339969			
	0.001958234	0.627413371	-1.06609519	0.050017518	-0.351339969			
	0.412934037	2	0	0.998207054				
BNIP3L	ENSG00000104765.15	0.909029882	4	4	0.453668173			
	Brain_Anterior_cingulate_cortex_BA24	0.807592964			Brain_Cerebellum			
	1.184830486	0.85314965	0.85314965	-0.749313666	0.510182857			
	-0.209612618	0.526592922	4	0	0.998207054			
NT5E	ENSG00000135318.11	0.90915327	7	5	0.484494125	Brain_Cortex		
	Brain_Nucleus_accumbens_basal_ganglia	4.709096591						
	0.950220075	0.174179162	-0.699092661	0.66026376	-0.09362524			
	0.086062025	0.174179162	-0.699092661	0.66026376	-0.09362524			
	0.430178527	5	0	0.998207054				
TCN2	ENSG00000185339.8	0.90938819	7	7	0.289232532	Brain_Hippocampus		
	Brain_Cerebellum	3.889505188			0.137933483	0.137933483		
	0.908874167	0.433299408	-0.192187473	0.512322687	7	0		
	-1.059806736	0.433299408	-0.192187473	0.512322687	7	0		
	0.998207054							
RAD51D	ENSG00000185379.20	0.909457553	2	2	0.744125307			
	Brain_Nucleus_accumbens_basal_ganglia	0.795085972						
	Brain_Spinal_cord_cervical_c-1	1.085235982			0.914764018	0.914764018		
	-0.326395281	-0.259711952	-0.293053617	0.047152234	2	0		
	0.998207054							
FAM106A	ENSG00000213077.5	0.90948675	11	10	0.074027509	Brain_Amygdala		
	Brain_Frontal_Cortex_BA9	2.761281445			0.021733538			
	0.963837598	-1.786443308	0.290859566	-0.459497481	0.684905598			
	0.109178165	-1.786443308	0.290859566	-0.459497481	0.684905598			
	10	0	0.998207054					
FSCN2	ENSG00000186765.11	0.90958513	5	5	0.414803825			
	Brain_Anterior_cingulate_cortex_BA24	0.883622583			Brain_Cortex			
	2.067758878	0.1108524	0.1108524	-0.815469135	0.759169513			
	-0.197223483	0.643451317	5	0	0.998207054			
TRPM1	ENSG00000134160.13	0.909721851	12	1	0.72733893	Brain_Cerebellum		
	Brain_Frontal_Cortex_BA9	11.87107176			3.78E-06			
	0.967348528	-0.348667522	0.04093398	-0.113332065	0.091756607	1		
	11.87107176	-0.348667522	0.04093398	-0.113332065	0.091756607	1		
	0	0.998207054						
AC093627.9	ENSG00000242474.2	0.909844016	1	1	0.909844016			
	Brain_Cerebellar_Hemisphere	0.909844016			Brain_Cerebellar_Hemisphere	1	1	
	1	-0.113235293	-0.113235293	-0.113235293	NA	1	0	
	0.998207054							
NDUFV3	ENSG00000160194.17	0.909856082	13	10	0.140489862			
	Brain_Cortex	0.969626507			Brain_Caudate_basal_ganglia	6.639565307		
	0.053290378	0.268502841	-0.293343345	1.473969281	0.511691722			
	0.592994547	10	0	0.998207054				
PSMB9	ENSG00000240065.7	0.909881063	2	2	0.765879532	Brain_Cortex		
	Brain_Hypothalamus	1.920959392			0.079040608			
	0.880071203	0.150878954	0.297768927	0.224323941	0.103866896			
	0.079040608	0.150878954	0.297768927	0.224323941	0.103866896			
	2	0	0.998207054					
KLF4	ENSG00000136826.14	0.909901742	1	1	0.909901742			
	Brain_Cerebellar_Hemisphere	0.909901742			Brain_Cerebellar_Hemisphere	1	1	
	1	-0.113162479	-0.113162479	-0.113162479	NA	1	0	
	0.998207054							
NBPF19	ENSG00000271383.6	0.909904718	1	1	0.909904718			
	Brain_Cerebellum	0.909904718			Brain_Cerebellum	1	1	0.113158726
	0.113158726	0.113158726	NA	1	0	0.998207054		
PSORS1C2	ENSG00000204538.3	0.909929641	1	1	0.909929641			
	Brain_Hippocampus	0.909929641			Brain_Hippocampus	1	1	1
	-0.113127288	-0.113127288	-0.113127288	NA	1	0	0.998207054	

PTPRD-AS1	ENSG00000225706.1	0.909941996	13	3	0.464277021			
	Brain_Substantia_nigra	0.979019731			Brain_Cerebellum	10.48181645		
	7.91E-05 0.671544641	-0.493119727			0.731822325	0.121933138		
	0.356208334 3 0	0.998207054						
SLC2A13	ENSG00000151229.12	0.910055134	1	1	0.910055134			
	Brain_Hippocampus	0.910055134			Brain_Hippocampus	1 1 1		
	0.112968998 0.112968998	0.112968998			NA	1 0		0.998207054
KRTAP5-7	ENSG00000244411.3	0.910163456	6	3	0.652920072			
	Brain_Cortex	0.922212362			Brain_Caudate_basal_ganglia	5.211836379		
	0.011015751 0.236983765	-0.097647303			0.44970929	0.298347415		
	0.21748802 3 0	0.998207054						
RDX	ENSG00000137710.14	0.910394461	1	1	0.910394461			
	Brain_Nucleus_accumbens_basal_ganglia	0.910394461						
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1			0.112541002			
	0.112541002 0.112541002	NA	1 0		0.998207054			
SLFN11	ENSG00000172716.16	0.910439562	4	4	0.350517051			
	Brain_Nucleus_accumbens_basal_ganglia	0.861713297			Brain_Cerebellar_Hemisphere			
	1.254018084 0.770515958	0.770515958			-0.293500575	0.933586849		
	0.255721778 0.506627039	4 0			0.998207054			
RP11-348P10.2	ENSG00000272077.1	0.910459168	1	1	0.910459168			
	Brain_Caudate_basal_ganglia	0.910459168			Brain_Caudate_basal_ganglia	1 1		
	1 0.112459389 0.112459389	0.112459389			NA	1 0		
	0.998207054							
PHTF1	ENSG00000116793.15	0.910550875	1	1	0.910550875			
	Brain_Cerebellar_Hemisphere	0.910550875			Brain_Cerebellar_Hemisphere	1 1		
	1 -0.112343723 -0.112343723	-0.112343723			NA	1 0		
	0.998207054							
METT14	ENSG00000145388.14	0.910677649	5	4	0.365037821			
	Brain_Spinal_cord_cervical_c-1	0.955143703			Brain_Cerebellum	2.963042495		
	0.039236816 0.279494506	-0.905807367			0.537733093	-0.100038668		
	0.529488807 4 0	0.998207054						
CTC-344H19.4	ENSG00000268401.1	0.910855544	8	8	0.302598954			
	Brain_Caudate_basal_ganglia	0.957610357			Brain_Cerebellum	1.538984264		
	0.476671365 0.476671365	-0.619575469			1.03087604	0.041447274		
	0.521773402 8 0	0.998207054						
PTPN20	ENSG00000204179.10	0.910884015	4	4	0.457885989			
	Brain_Frontal_Cortex_BA9	0.654889514			Brain_Cerebellar_Hemisphere			
	1.707106958 0.271523321	0.271523321			0.446979981	0.742332362		
	0.60524355 0.151804801	4 0			0.998207054			
KLRL1	ENSG00000111796.3	0.910907796	2	2	0.667493959			
	Brain_Substantia_nigra	0.990986081			Brain_Cerebellar_Hemisphere			
	1.079521472 0.920478528	0.920478528			0.011297512	0.429589936		
	0.220443724 0.295777409	2 0			0.998207054			
MYADM	ENSG00000179820.15	0.910944939	2	2	0.665968087			
	Brain_Caudate_basal_ganglia	0.75881451			Brain_Cerebellar_Hemisphere	1.73302547		
	0.26697453 0.26697453	0.30703792			0.431688141	0.369363031		0.088141017
	2 0 0.998207054							
DEFB134	ENSG00000205882.8	0.911044036	5	5	0.449471552			
	Brain_Nucleus_accumbens_basal_ganglia	0.927108882			Brain_Cortex			
	3.062503276 0.14424595	0.14424595			-0.756296323	0.091482914		
	-0.330420422 0.307473443	5 0			0.998207054			
RP11-486O12.2	ENSG00000247373.3	0.911089304	1	1	0.911089304			
	Brain_Cerebellum	0.911089304			Brain_Cerebellum	1 1 1		0.111664656
	0.111664656 0.111664656	NA	1 0		0.998207054			
NPTX2	ENSG00000106236.3	0.911101703	1	1	0.911101703			
	Brain_Frontal_Cortex_BA9	0.911101703			Brain_Frontal_Cortex_BA9	1 1		1
	1 0.111649019 0.111649019	0.111649019			NA	1 0		
	0.998207054							
ADHFE1	ENSG00000147576.15	0.911141218	13	2	0.390565652			
	Brain_Spinal_cord_cervical_c-1	0.812376301						
	Brain_Nucleus_accumbens_basal_ganglia	11.54627683			0.004337859			
	0.617002785 -0.36192121	0.858592002			0.396901089	0.285815454		

ZMYM1	ENSG00000197056.9	0.911149173	2	2	0.731590856			
	Brain_Frontal_Cortex_BA9	0.761831102				Brain_Cerebellar_Hemisphere		
	1.127065176	0.872934824	0.872934824	0.303077105	0.343010108			
	0.323043606	0.028236897	2	0	0.998207054			
TRIM68	ENSG00000167333.12	0.911150361	3	3	0.488976417			
	Brain_Cerebellum	0.8402457	Brain_Frontal_Cortex_BA9	2.203498588				
	0.107553161	0.107553161	-0.691937759	-0.20157921	-0.470218771			
	0.248523705	3	0	0.998207054				
LYRM7	ENSG00000186687.15	0.911176526	4	4	0.362338933			
	Brain_Putamen_basal_ganglia	0.940083989	Brain_Cerebellar_Hemisphere					
	1.744420992	0.294982189	0.294982189	0.0751643	0.910917331			
	0.544794115	0.41389176	4	0	0.998207054			
DLK1	ENSG00000185559.13	0.911202661	1	1	0.911202661			
	Brain_Caudate_basal_ganglia	0.911202661	Brain_Caudate_basal_ganglia	1	1			
	1	-0.111521697	-0.111521697	-0.111521697	NA	1	0	
	0.998207054							
PTN	ENSG00000105894.11	0.911244259	1	1	0.911244259			
	Brain_Frontal_Cortex_BA9	0.911244259	Brain_Frontal_Cortex_BA9	1	1			
	1	0.111469237	0.111469237	0.111469237	NA	1	0	
	0.998207054							
MAT2B	ENSG00000038274.16	0.911276199	3	3	0.582683826			
	Brain_Cerebellar_Hemisphere	0.97259875	Brain_Cortex	1.13729269	0.865751909			
	0.865751909	-0.549468719	-0.034349127	-0.354005294	0.27911454	3		
	0	0.998207054						
ZNF429	ENSG00000197013.9	0.911368065	5	4	0.380930214			
	Brain_Cerebellar_Hemisphere	0.934505911	Brain_Substantia_nigra					
	2.600136326	0.04313893	0.454662234	-0.87618363	0.235041219			
	-0.299261365	0.483775642	4	0	0.998207054			
DOK3	ENSG00000146094.13	0.911411094	1	1	0.911411094			
	Brain_Anterior_cingulate_cortex_BA24	0.911411094						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.111258839			
	-0.111258839	-0.111258839	NA	1	0	0.998207054		
ACSM5	ENSG00000183549.10	0.911415734	8	5	0.35408189	Brain_Cerebellum		
	0.963121873	Brain_Spinal_cord_cervical_c-1	5.420848296	0.016242885				
	0.309237777	-0.926700824	0.388449996	-0.339103791	0.420630995			
	5	0	0.998207054					
TRIM71	ENSG00000206557.5	0.911657997	1	1	0.911657997			
	Brain_Nucleus_accumbens_basal_ganglia	0.911657997						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.110947477			
	-0.110947477	-0.110947477	NA	1	0	0.998207054		
SLC52A3	ENSG00000101276.14	0.911831981	2	2	0.667962049			
	Brain_Anterior_cingulate_cortex_BA24	0.931005896	Brain_Cortex					
	1.145161088	0.854838912	0.854838912	0.086579331	0.428946652			
	0.257762991	0.242090254	2	0	0.998207054			
TSPAN8	ENSG00000127324.8	0.911897262	2	2	0.695167116			
	Brain_Substantia_nigra	0.892320568	Brain_Amygdala	1.100903602				
	0.899096398	0.899096398	-0.13536845	0.391852615	0.128242083			
	0.372801591	2	0	0.998207054				
PCDHAC2	ENSG00000243232.4	0.911966199	2	2	0.681586027			
	Brain_Substantia_nigra	0.89954659	Brain_Nucleus_accumbens_basal_ganglia					
	1.000228769	0.999771231	0.999771231	0.126234138	0.410299816			
	0.268266977	0.200864767	2	0	0.998207054			
NDRG1	ENSG00000104419.14	0.912014965	1	1	0.912014965			
	Brain_Putamen_basal_ganglia	0.912014965	Brain_Putamen_basal_ganglia	1	1			
	1	0.110497333	0.110497333	0.110497333	NA	1	0	
	0.998207054							
MPC2	ENSG00000143158.10	0.912040021	5	4	0.623956951			
	Brain_Cerebellar_Hemisphere	0.921866384	Brain_Nucleus_accumbens_basal_ganglia					
	3.717610192	0.038124117	0.154554943	-0.490250074	0.098083003			
	-0.230047826	0.241892087	4	0	0.998207054			
CFAP73	ENSG00000186710.11	0.912130929	1	1	0.912130929			

	Brain_Nucleus_accumbens_basal_ganglia	0.912130929						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.110351104			
	-0.110351104	-0.110351104	NA	1	0	0.998207054		
SPC25	ENSG00000152253.8	0.912251704	3	3	0.555920101			
	Brain_Spinal_cord_cervical_c-1	0.938654618			Brain_Putamen_basal_ganglia			
	2.523918376	0.140368082	0.140368082		-0.588912308	-0.07696094		
	-0.311928245	0.258549041	3	0	0.998207054			
SST	ENSG00000157005.3	0.91228692	1	1	0.91228692	Brain_Substantia_nigra		
	0.91228692	Brain_Substantia_nigra	1	1	1	-0.110154407		
	-0.110154407	-0.110154407	NA	1	0	0.998207054		
TMEM258	ENSG00000134825.15	0.912293141	2	2	0.832345875			
	Brain_Putamen_basal_ganglia	0.952464878			Brain_Caudate_basal_ganglia			
	1.792230172	0.207769828	0.207769828		-0.211693865	0.059611727		
	-0.076041069	0.191842024	2	0	0.998207054			
NPHP4	ENSG00000131697.17	0.912363584	12	7	0.10490307	Brain_Amygdala		
	0.734270543	Brain_Nucleus_accumbens_basal_ganglia	8.066384059					
	0.004733275	0.272675928	-0.468376935		1.621534441	0.778765921		
	0.559304191	7	0	0.998207054				
PIK3R3	ENSG00000117461.14	0.912385505	1	1	0.912385505			
	Brain_Cortex	0.912385505	Brain_Cortex	1	1	1	-0.110030098	
	-0.110030098	-0.110030098	NA	1	0	0.998207054		
RP11-383I23.2	ENSG00000273374.1	0.912433699	6	5	0.303287742			
	Brain_Cerebellar_Hemisphere	0.687308097	Brain_Cortex	4.145990932				
	0.039528385	0.147101563	-0.479895157		1.029408532	0.499559181		
	0.5221799	5	0	0.998207054				
SNAP91	ENSG00000065609.14	0.912518988	2	2	0.761822409			
	Brain_Cortex	0.868309961	Brain_Caudate_basal_ganglia	1.376263943				
	0.623736057	0.623736057	-0.303088512		0.165805572	-0.06864147		
	0.331558186	2	0	0.998207054				
C15orf62	ENSG00000188277.9	0.912642857	1	1	0.912642857			
	Brain_Putamen_basal_ganglia	0.912642857	Brain_Putamen_basal_ganglia	1	1			
	1	0.109705603	0.109705603	0.109705603	NA	1	0	
	0.998207054							
FANCL	ENSG00000115392.11	0.912726704	1	1	0.912726704			
	Brain_Spinal_cord_cervical_c-1	0.912726704	Brain_Spinal_cord_cervical_c-1					
	1	1	1	0.109599882	0.109599882	0.109599882	NA	1
	0.998207054							0
RP11-678G14.4	ENSG00000268240.1	0.912740997	2	2	0.765699207			
	Brain_Cerebellum	0.947862919	Brain_Cerebellar_Hemisphere	1.814980723				
	0.185019277	0.185019277	0.065390712		0.298005184	0.181697948		
	0.164483271	2	0	0.998207054				
IL18BP	ENSG00000137496.17	0.91283309	3	3	0.514321904			
	Brain_Hippocampus	0.888811652	Brain_Amygdala	1.449788818				
	0.608072993	0.608072993	0.139808051		0.652122882	0.446059646		
	0.270453142	3	0	0.998207054				
NCEH1	ENSG00000144959.9	0.912930942	4	3	0.527366789			
	Brain_Putamen_basal_ganglia	0.661932309	Brain_Caudate_basal_ganglia					
	2.492804141	0.023647853	0.514240654		0.437246888	0.632030743		
	0.550465808	0.084592549	3	0	0.998207054			
ESR2	ENSG00000140009.18	0.913089404	2	2	0.675170823	Brain_Cerebellum		
	0.924618103	Brain_Anterior_cingulate_cortex_BA24	1.037568564					
	0.962431436	0.962431436	0.094618188		0.419061998	0.256840093		
	0.229416418	2	0	0.998207054				
MGAM	ENSG00000257335.8	0.91316702	12	1	0.751152091			
	Brain_Spinal_cord_cervical_c-1	0.997674573	Brain_Cerebellum	11.34723519				
	0.000125252	11.34723519	-0.119155808		0.317120604	0.103760721		
	0.142140375	1	0	0.998207054				
RP3-466P17.1	ENSG00000270638.1	0.913247317	8	3	0.544231969			
	Brain_Hippocampus	0.896001076	Brain_Cortex	6.859527307				
	0.004281066	0.334890489	-0.519126849		0.606425908	-0.065874376		
	0.409629321	3	0	0.998207054				
RNF217	ENSG00000146373.16	0.913248269	5	5	0.489119943			

	Brain_Cortex	0.802453901		Brain_Spinal_cord_cervical_c-1	2.153230071		
		0.209761824	0.209761824	-0.625002616	0.69170924	-0.023592657	
		0.629914682	5	0	0.998207054		
SOX5	ENSG00000134532.15	0.913259821	2	2	0.692392696		
	Brain_Cerebellar_Hemisphere	0.813529216			Brain_Amygdala	1.20537558	0.79462442
		0.79462442	-0.395610085	-0.235875583	-0.315742834	0.11294935	2
		0.998207054					0
LINC00029	ENSG00000125514.9	0.913281528	1	1	0.913281528		
	Brain_Cerebellar_Hemisphere	0.913281528			Brain_Cerebellar_Hemisphere1		1
		1	0.108900351	0.108900351	0.108900351	NA	1
		0.998207054					0
CRHR2	ENSG00000106113.18	0.913317645	4	4	0.792580729		Brain_Cerebellum
		0.820900405			Brain_Amygdala	1.73793643	0.244460446
		-0.262515891	0.262960883	-0.001423125	0.28482373	4	0
		0.998207054					
LINC01345	ENSG00000226374.2	0.913519458	1	1	0.913519458		
	Brain_Hypothalamus	0.913519458			Brain_Hypothalamus	1	1
		-0.108600382	-0.108600382	-0.108600382	NA	1	0
		0.998207054					
CGGBP1	ENSG00000163320.10	0.913550255	9	9	0.19030325		
	Brain_Anterior_cingulate_cortex_BA24	0.983369867			Brain_Cerebellum		
		1.892213565	0.43736517	0.43736517	-1.309682547	0.546240432	
		-0.184924342	0.591777247	9	0	0.998207054	
PCNX3	ENSG00000197136.4	0.913551841	2	1	0.883105253		Brain_Cerebellum
		0.946034148	Brain_Cerebellar_Hemisphere	1.956076729	0.043923271		
		1.956076729	-0.147033913	-0.067687817	-0.107360865	0.056106162	
		1	0	0.998207054			
KTN1	ENSG00000126777.17	0.913569792	3	2	0.685262998		Brain_Cerebellum
		0.708040288	Brain_Nucleus_accumbens_basal_ganglia	2.567344615			
		0.043191585	0.3894638	0.374489337	0.405291847	0.39243677	
		0.016020229	2	0	0.998207054		
LL21NC02-21A1.1	ENSG00000273796.1	0.913603048	2	2	0.692798375		
	Brain_Cerebellum	0.835837065			Brain_Cerebellar_Hemisphere	1.775443221	
		0.224556779	0.224556779	-0.395060316	-0.207221259	-0.301140788	
		0.132822271	2	0	0.998207054		
WASHC1	ENSG00000181404.15	0.91360832	11	11	0.197921191		Brain_Cortex
		0.969101817	Brain_Substantia_nigra	2.646941725	0.123988881		
		0.123988881	-1.28749678	0.844272298	-0.05163005	0.632755633	
		11	0	0.998207054			
ACTR1B	ENSG00000115073.7	0.913718951	5	5	0.553581996		
	Brain_Cortex	0.987322476			Brain_Cerebellum	2.777539203	0.212285696
		0.212285696	-0.116276174	0.592401151	0.246911802	0.318125524	
		5	0	0.998207054			
GOLGA6L4	ENSG00000184206.11	0.913724749	13	5	0.3789832		
	Brain_Hippocampus	0.935207058			Brain_Nucleus_accumbens_basal_ganglia		
		9.544665611	0.018518776	0.378877153	-0.467140142	0.879771329	
		0.011399451	0.372831447	5	0	0.998207054	
ZNRF2	ENSG00000180233.10	0.913773529	2	2	0.718209494		Brain_Cerebellum
		0.980643629	Brain_Cerebellar_Hemisphere	1.477820478	0.522179522		
		0.522179522	-0.024261994	0.360852794	0.1682954	0.272317278	2
		0	0.998207054				
C17orf107	ENSG00000205710.3	0.913775286	9	8	0.143424476		
	Brain_Hypothalamus	0.812970091			Brain_Cerebellum	4.349771971	
		0.048212131	0.190530868	0.236596171	1.46315681	0.647067233	
		0.421146761	8	0	0.998207054		
ZNF34	ENSG00000196378.11	0.913821176	11	2	0.596032681		
	Brain_Caudate_basal_ganglia	0.9689509			Brain_Substantia_nigra	9.907609561	
		0.001767212	0.462373972	-0.10170083	0.530114306	0.139340621	
		0.184766171	2	0	0.998207054		
LINC00683	ENSG00000266256.1	0.913876704	4	4	0.535158946		
	Brain_Cortex	0.766208106			Brain_Hypothalamus	1.164178702	
		0.811938688	0.811938688	-0.620150137	0.5376638	0.151617287	
		0.523924739	4	0	0.998207054		

ADAM29	ENSG00000168594.15	0.913885785	1	1	0.913885785		
	Brain_Nucleus_accumbens_basal_ganglia	0.913885785					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.108138554		
	0.108138554	0.108138554	NA	1	0	0.998207054	
UBA7	ENSG00000182179.12	0.913888807	1	1	0.913888807		
	Brain_Caudate_basal_ganglia	0.913888807			Brain_Caudate_basal_ganglia	1	1
	1	0.108134746	0.108134746	0.108134746	NA	1	0
	0.998207054						
POP1	ENSG00000104356.10	0.913945796	1	1	0.913945796		
	Brain_Cerebellar_Hemisphere	0.913945796			Brain_Cerebellar_Hemisphere	1	1
	1	0.108062902	0.108062902	0.108062902	NA	1	0
	0.998207054						
RP11-167B3.2	ENSG00000274312.1	0.914162932	4	2	0.677564484		
	Brain_Frontal_Cortex_BA9	0.979328441			Brain_Nucleus_accumbens_basal_ganglia		
	2.923002639	0.00047345	0.996324177	-0.240086306	0.415788897		
	0.027040352	0.27688841	2	0	0.998207054		
HLA-DRB1	ENSG00000196126.11	0.914180744	13	4	0.424635317		
	Brain_Substantia_nigra	0.957662469			Brain_Amygdala	9.961615974	
	0.003007532	0.367655138	-0.798405319	0.209474299	-0.307208729		
	0.309938409	4	0	0.998207054			
PRSS46	ENSG00000261603.1	0.914182355	4	4	0.388610288		
	Brain_Cerebellum	0.978212271			Brain_Substantia_nigra	1.595339029	
	0.487280878	0.487280878	0.027310263	0.862140353	0.264515081		
	0.400953528	4	0	0.998207054			
MUC21	ENSG00000204544.5	0.914312741	2	2	0.672754706		
	Brain_Substantia_nigra	0.920798007			Brain_Anterior_cingulate_cortex_BA24		
	1.170736991	0.829263009	0.829263009	-0.422370364	-0.09942856		
	-0.260899462	0.22835434	2	0	0.998207054		
RAP1GAP2	ENSG00000132359.14	0.914447353	2	2	0.754210865		
	Brain_Cerebellum	0.933100728			Brain_Cerebellar_Hemisphere	1.511977324	
	0.488022676	0.488022676	-0.313091871	0.083944286	-0.114573793		
	0.280746959	2	0	0.998207054			
TMSB10	ENSG00000034510.5	0.914515182	2	2	0.746634552		
	Brain_Cerebellar_Hemisphere	0.961935553			Brain_Cerebellum	1.554554801	
	0.445445199	0.445445199	-0.323080138	0.04772482	-0.137677659		
	0.2621987	2	0	0.998207054			
CDKN2AIP	ENSG00000168564.5	0.914654769	3	3	0.644662193		
	Brain_Hypothalamus	0.932204782			Brain_Cerebellum	2.162642619	
	0.144025032	0.144025032	-0.461190143	0.185995832	-0.120088505		
	0.325010892	3	0	0.998207054			
SLC11A2	ENSG00000110911.14	0.914682026	3	3	0.476393204		
	Brain_Caudate_basal_ganglia	0.866758365			Brain_Anterior_cingulate_cortex_BA24		
	1.214483018	0.761088649	0.761088649	-0.712115586	0.186197028		
	-0.231232002	0.452505523	3	0	0.998207054		
ATXN7L2	ENSG00000162650.16	0.914718649	2	2	0.675593799		
	Brain_Cerebellum	0.718312413			Brain_Cerebellar_Hemisphere	1.777651017	
	0.222348983	0.222348983	-0.418483293	-0.36071513	-0.389599211		
	0.040848259	2	0	0.998207054			
WDR93	ENSG00000140527.14	0.914752397	1	1	0.914752397		
	Brain_Nucleus_accumbens_basal_ganglia	0.914752397					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.107046112		
	0.107046112	0.107046112	NA	1	0	0.998207054	
VDAC3	ENSG00000078668.13	0.914769356	1	1	0.914769356		
	Brain_Caudate_basal_ganglia	0.914769356			Brain_Caudate_basal_ganglia	1	1
	1	-0.107024736	-0.107024736	-0.107024736	NA	1	0
	0.998207054						
NIF3L1	ENSG00000196290.14	0.914833595	2	2	0.769572148		
	Brain_Cerebellum	0.952038189			Brain_Nucleus_accumbens_basal_ganglia	1.61339376	
	0.38660624	0.38660624	-0.060147462	0.292934591	0.116393564		
	0.249666714	2	0	0.998207054			
DCBLD2	ENSG00000057019.15	0.915232104	4	4	0.42078		
	Brain_Cerebellar_Hemisphere	0.90325174			Brain_Cerebellum	2.397877076	

	0.186821718	0.186821718	-0.805068763	0.233941358	-0.236046576				
	0.431285772	4	0	0.998207054					
CCDC61	ENSG00000104983.8	0.915306362	4	4	0.355169855				
	Brain_Substantia_nigra	0.987585824		Brain_Hippocampus	1.849760538				
	0.363908224	0.363908224	-0.924607991	0.361258274	-0.054693178				
	0.600537738	4	0	0.998207054					
MLPH	ENSG00000115648.13	0.91539064	2	2	0.745190243		Brain_Hypothalamus		
	0.795829663	Brain_Putamen_basal_ganglia	1.024582268		0.975417732				
	0.975417732	-0.258748025	0.324987883	0.033119929	0.412763618				
	2	0	0.998207054						
PLA2G4C	ENSG00000105499.13	0.915472988	11	7	0.249546838				
	Brain_Frontal_Cortex_BA9	0.92379165	Brain_Hippocampus	7.200978735					
	0.044283632	0.28554259	-1.151450769	0.199565087	-0.419129047				
	0.417117234	7	0	0.998207054					
ADCK2	ENSG00000133597.10	0.915482805	8	4	0.363058454				
	Brain_Nucleus_accumbens_basal_ganglia	0.815937152		Brain_Frontal_Cortex_BA9					
	6.260946322	0.008568621	0.235094865	-0.854573585	0.909552699				
	0.332132943	0.686663839	4	0	0.998207054				
LINC00930	ENSG00000258647.5	0.915519213	1	1	0.915519213				
	Brain_Caudate_basal_ganglia	0.915519213		Brain_Caudate_basal_ganglia	1	1			
	1	0.106079579	0.106079579	0.106079579	NA	1	0		
	0.998207054								
CH17-385C13.3	ENSG00000270339.3	0.91553563	2	2	0.684005351				
	Brain_Nucleus_accumbens_basal_ganglia	0.957868739							
	Brain_Spinal_cord_cervical_c-1	1.124036671		0.875963329	0.875963329				
	0.052828267	0.407003591	0.229915929	0.250439773	2	0			
	0.998207054								
E2F7	ENSG00000165891.15	0.91561405	2	1	0.893054005		Brain_Cortex		
	0.938288519	Brain_Amygdala	1.99890293	0.00109707	1.99890293	0.077421146			
	0.13444082	0.105930983	0.040318998	1	0	0.998207054			
MTRNR2L6	ENSG00000270672.1	0.915626053	1	1	0.915626053				
	Brain_Spinal_cord_cervical_c-1	0.915626053		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.105944921	-0.105944921	-0.105944921	NA	1	0
	0.998207054								
SNX18	ENSG00000178996.13	0.915892645	4	4	0.557009064		Brain_Cerebellum		
	0.801300674	Brain_Hippocampus	1.461001952		0.534398822				
	0.534398822	-0.58728984	0.342472771	-0.096603276	0.462909852				
	4	0	0.998207054						
LINC01806	ENSG00000227403.1	0.915927333	1	1	0.915927333				
	Brain_Spinal_cord_cervical_c-1	0.915927333		Brain_Spinal_cord_cervical_c-1					
	1	1	1	-0.105565205	-0.105565205	-0.105565205	NA	1	0
	0.998207054								
PHACTR2	ENSG00000112419.14	0.915951891	2	2	0.680507019				
	Brain_Substantia_nigra	0.81995488	Brain_Nucleus_accumbens_basal_ganglia						
	1.37820612	0.62179388	0.62179388	0.22760301	0.411771355	0.319687182			
	0.130226686	2	0	0.998207054					
RNASEH2C	ENSG00000172922.8	0.91605823	10	7	0.446570883				
	Brain_Spinal_cord_cervical_c-1	0.990369972							
	Brain_Anterior_cingulate_cortex_BA24	4.655436175		0.049595056					
	0.243814266	-0.761144301	0.540397764	-0.022012394	0.532213303				
	7	0	0.998207054						
RPL7L1	ENSG00000146223.14	0.91607767	10	5	0.512696778				
	Brain_Hypothalamus	0.930397225	Brain_Caudate_basal_ganglia	7.836176576					
	0.004143755	0.305522848	-0.654644326	0.401046389	0.113005924				
	0.326175256	5	0	0.998207054					
CTC-552D5.1	ENSG00000251293.1	0.916361894	2	2	0.733480231				
	Brain_Amygdala	0.801139031	Brain_Nucleus_accumbens_basal_ganglia						
	1.028164581	0.971835419	0.971835419	-0.251873257	0.340499723				
	0.044313233	0.418870951	2	0	0.998207054				
ZNF404	ENSG00000176222.8	0.916369048	12	2	0.615057018				
	Brain_Hypothalamus	0.983656101	Brain_Cortex	10.89346446					
	0.001458907	0.364274548	-0.502868089	0.393163393	0.024361069				

	0.279117446	2	0	0.998207054					
RPF2	ENSG00000197498.12		0.916481084	3	3	0.518683277			
	Brain_Frontal_Cortex_BA9		0.90473176	Brain_Substantia_nigra		1.568787099			
	0.432105077	0.432105077	0.119686165	0.645376425		0.298772192			
	0.30022379	3	0	0.998207054					
GFOD2	ENSG00000141098.12		0.916767586	2	2	0.680727394			
	Brain_Hippocampus		0.937927136	Brain_Cortex		1.342344769			
	0.657655231	0.657655231	0.07787544	0.411470738		0.244673089			
	0.235887497	2	0	0.998207054					
HEATR3	ENSG00000155393.12		0.916789582	13	1	0.715564316			
	Brain_Hypothalamus		0.995392258	Brain_Putamen_basal_ganglia		12.51357714			
	0.000906808	12.51357714	-0.265095754	0.36439333		0.102156928			
	0.163838261	1	0	0.998207054					
LINC00960	ENSG00000242516.1		0.91680313	6	6	0.201634269	Brain_Amygdala		
	0.981646585	Brain_Cortex	1.8514106	0.30433583	0.30433583	-0.466914351			
	1.276909304	0.124687835	0.599365847	6	0	0.998207054			
MGRN1	ENSG00000102858.12		0.916923092	13	1	0.24508902	Brain_Hippocampus		
	0.959269961	Brain_Anterior_cingulate_cortex_BA24	12.04846901						
	0.003553227	12.04846901	-1.162360602	0.256929825		-0.109733471			
	0.406973125	1	0	0.998207054					
DNAH12	ENSG00000174844.14		0.916946196	2	2	0.897471324			
	Brain_Putamen_basal_ganglia		0.916362123	Brain_Cerebellum		1.842152661			
	0.157847339	0.157847339	-0.105017247	0.12885634		0.011919546			
	0.165373599	2	0	0.998207054					
DCUN1D3	ENSG00000188215.9		0.916954934	2	2	0.758211535			
	Brain_Cerebellum		0.820102084	Brain_Cerebellar_Hemisphere		1.160394086			
	0.839605914	0.839605914	-0.22741368	0.307830207		0.040208264			
	0.378474581	2	0	0.998207054					
FREM2	ENSG00000150893.10		0.917020533	9	2	0.710596895	Brain_Cerebellum		
	0.965274882	Brain_Putamen_basal_ganglia	8.040309894	1.81E-17					
	0.456534225	-0.142607934	0.37105456	0.136692068		0.219136893		2	
	0	0.998207054							
LIN54	ENSG00000189308.10		0.917360344	1	1	0.917360344	Brain_Amygdala		
	0.917360344	Brain_Amygdala	1	1	1	-0.103759328	-0.103759328		
	-0.103759328	NA	1	0	0.998207054				
HMSD	ENSG00000221887.5		0.917407794	3	2	0.640465844			
	Brain_Spinal_cord_cervical_c-1		0.941189301	Brain_Amygdala		1.985607182			
	0.029086323	0.985306495	-0.46704757	-0.07377515		-0.298269609			
	0.202469863	2	0	0.998207054					
LRRC36	ENSG00000159708.17		0.917474465	3	3	0.492293097			
	Brain_Hypothalamus		0.917315325	Brain_Nucleus_accumbens_basal_ganglia					
	1.523560333	0.474748239	0.474748239	-0.686666207		0.103816055			
	-0.330518908	0.40099942	3	0	0.998207054				
AL132709.1	ENSG00000230805.6		0.917488426	6	3	0.542528023			
	Brain_Hypothalamus		0.990317918	Brain_Frontal_Cortex_BA9		5.027271483			
	0.084797088	0.28734771	-0.434054357	0.608994593		0.173238005			
	0.37324072	3	0	0.998207054					
RP11-498C9.15	ENSG00000263731.1		0.917548033	1	1	0.917548033			
	Brain_Nucleus_accumbens_basal_ganglia		0.917548033						
	Brain_Nucleus_accumbens_basal_ganglia		1	1	1	-0.103522828			
	-0.103522828	-0.103522828	NA	1	0	0.998207054			
HCG17	ENSG00000270604.5		0.917572845	13	8	0.251933516			
	Brain_Frontal_Cortex_BA9		0.860467646	Brain_Anterior_cingulate_cortex_BA24					
	7.331795188	0.03507001	0.297336808	-1.145665665		0.342107121			
	-0.355941604	0.55428736	8	0	0.998207054				
KLHL20	ENSG00000076321.10		0.917613922	1	1	0.917613922			
	Brain_Putamen_basal_ganglia		0.917613922	Brain_Putamen_basal_ganglia		1	1		
	1	-0.103439805	-0.103439805	-0.103439805		NA	1	0	
	0.998207054								
CNOT9	ENSG00000144580.13		0.91782928	4	4	0.51538667	Brain_Cortex		
	0.771103022	Brain_Hypothalamus	2.254392824	0.080326348					
	0.080326348	-0.317501704	0.650473104	0.316075706		0.454261215			

4	0	0.998207054						
FLII	ENSG00000177731.15	0.917873759	2	2	0.738213753			
	Brain_Cerebellar_Hemisphere	0.7767082			Brain_Cerebellum	1.12315212	0.87684788	
	0.87684788	-0.283611399	0.334219735	0.025304168	0.436872585		2	
	0	0.998207054						
LINC00463	ENSG00000234056.1	0.917922813	2	2	0.680344012			
	Brain_Putamen_basal_ganglia	0.86425261			Brain_Cerebellum	1.497717621		
	0.502282379	0.502282379	-0.41199374	-0.170963317	-0.291478528			
	0.170434247	2	0	0.998207054				
CP	ENSG00000047457.13	0.918080372	3	2	0.629572843			
	Brain_Substantia_nigra	0.856616008			Brain_Frontal_Cortex_BA9			
	2.837004705	0.04254973	0.120445565	0.180683503	0.482328164			
	0.295349668	0.163307012	2	0	0.998207054			
OR2T8	ENSG00000177462.6	0.918130735	4	4	0.599731462			
	Brain_Nucleus_accumbens_basal_ganglia	0.947927019			Brain_Caudate_basal_ganglia			
	2.046459298	0.272963571	0.272963571	-0.360447736	0.524786724			
	-0.031467368	0.421118288	4	0	0.998207054			
PPP1R3B	ENSG00000173281.4	0.918138228	1	1	0.918138228			
	Brain_Hippocampus	0.918138228			Brain_Hippocampus	1	1	1
	0.102779182	0.102779182	0.102779182	NA	1	0	0.998207054	
CPS1	ENSG00000021826.14	0.918190118	4	2	0.765581145			
	Brain_Cerebellar_Hemisphere	3.016222348			Brain_Cortex			
	0.853437402				0.0278761			
	0.888822213	-0.298159875	-0.184734351	-0.240961776	0.052524585			
	2	0	0.998207054					
NIT2	ENSG00000114021.11	0.918292539	11	5	0.186206319			
	Brain_Anterior_cingulate_cortex_BA24	0.918979884			Brain_Cerebellum			
	7.142725693	0.001201858	0.277679971	-0.421065315	1.321885387			
	0.579053994	0.549060398	5	0	0.998207054			
CUZD1	ENSG00000138161.13	0.918346409	6	5	0.396586202			
	Brain_Anterior_cingulate_cortex_BA24	0.990924369			Brain_Caudate_basal_ganglia			
	2.706997401	0.072987756	0.238346027	-0.847733865	0.697749633			
	0.168203697	0.574445885	5	0	0.998207054			
APBB1IP	ENSG00000077420.15	0.918536515	2	2	0.728226544			
	Brain_Nucleus_accumbens_basal_ganglia	0.742886636			Brain_Frontal_Cortex_BA9			
	1.344835691	0.655164309	0.655164309	-0.347485588	-0.328033099			
	-0.337759344	0.013754987	2	0	0.998207054			
ORC1	ENSG00000085840.12	0.918553489	2	2	0.684064953			
	Brain_Substantia_nigra	1.433877542			Brain_Amygdala			
	0.813585832				0.566122458			
	0.566122458	0.235802624	0.406922442	0.321362533	0.120999984			
	2	0	0.998207054					
EPN2	ENSG00000072134.15	0.918632366	3	3	0.554160948			
	Brain_Cerebellum							
	0.932853532	Brain_Amygdala	1.52937809	0.476582837	0.476582837			
	-0.084255198	0.591536588	0.265079178	0.338476219	3	0		
	0.998207054							
PPP4R3B	ENSG00000275052.4	0.918710916	3	3	0.562199756			
	Brain_Frontal_Cortex_BA9	0.989567488			Brain_Cerebellar_Hemisphere			
	2.010083803	0.11982103	0.11982103	-0.579577223	0.277923367			
	-0.104909815	0.436064169	3	0	0.998207054			
BPNT1	ENSG00000162813.17	0.918917565	1	1	0.918917565			
	Brain_Putamen_basal_ganglia	0.918917565			Brain_Putamen_basal_ganglia	1	1	
	1	0.101797305	0.101797305	0.101797305	NA	1	0	
	0.998207054							
DHCR24	ENSG00000116133.11	0.91907393	4	4	0.438055046			
	Brain_Amygdala							
	0.788332383	Brain_Spinal_cord_cervical_c-1	1.657975572	0.264265957				
	0.264265957	-0.775481749	0.268476731	-0.45286686	0.484729369			
	4	0	0.998207054					
NPY2R	ENSG00000185149.5	0.919202944	8	8	0.375405403			
	Brain_Hippocampus	0.805909101			Brain_Hypothalamus	3.193860108		
	0.134433808	0.134433808	-0.886393718	0.708519334	-0.253272665			
	0.523855767	8	0	0.998207054				
LINC00997	ENSG00000281332.1	0.919432505	8	5	0.234507238			
	Brain_Frontal_Cortex_BA9	0.723660618			Brain_Substantia_nigra			

	5.789007035	0.100396018	0.274076568	0.353570724	1.188828302			
	0.844147504	0.281255581	5	0	0.998207054			
SIAH3	ENSG00000215475.4	0.919577219	2	2	0.714113588			
	Brain_Substantia_nigra	0.857414346			Brain_Cerebellum	1.009009631		
	0.990990369	0.990990369	-0.366337047	0.179666562	-0.093335243			
	0.386082855	2	0	0.998207054				
ADK	ENSG00000156110.13	0.919657437	1	1	0.919657437			
	Brain_Cerebellar_Hemisphere	0.919657437			Brain_Cerebellar_Hemisphere	1	1	
	1	-0.10086524	-0.10086524	-0.10086524	NA	1	0	
	0.998207054							
SLF2	ENSG00000119906.11	0.919698872	1	1	0.919698872			
	Brain_Substantia_nigra	0.919698872			Brain_Substantia_nigra	1	1	
	1	0.100813044	0.100813044	0.100813044	NA	1	0	
	0.998207054							
BTC	ENSG00000174808.11	0.919785407	1	1	0.919785407			
	Brain_Putamen_basal_ganglia	0.919785407			Brain_Putamen_basal_ganglia	1	1	
	1	-0.100704036	-0.100704036	-0.100704036	NA	1	0	
	0.998207054							
CLEC1A	ENSG00000150048.10	0.919803734	3	3	0.5104528			
	Brain_Frontal_Cortex_BA9	0.882237085			Brain_Amygdala	1.842136675		
	0.15753764	0.15753764	-0.148133914	0.658132801	0.38757101	0.463941984		
	3	0	0.998207054					
GCLM	ENSG00000023909.9	0.919857062	5	4	0.509661974			
	Brain_Frontal_Cortex_BA9	0.980130192			Brain_Caudate_basal_ganglia			
	3.933019822	0.024060178	0.20702282	-0.659364123	0.024905686			
	-0.313859787	0.28604342	4	0	0.998207054			
FAM66A	ENSG00000227888.4	0.919873871	13	9	0.290611646			
	Brain_Caudate_basal_ganglia	0.977339357			Brain_Cerebellum	7.487035522		
	0.007798079	0.255187795	-1.056780784	0.46574262	-0.262959739			
	0.398920971	9	0	0.998207054				
RP11-53019.3	ENSG00000272335.1	0.919963447	8	4	0.399891807			
	Brain_Nucleus_accumbens_basal_ganglia	0.958138888						
	Brain_Spinal_cord_cervical_c-1	6.590644854			0.004333701	0.231075741		
	-0.841814477	-0.052489216	-0.524493979	0.257033893	4	0		
	0.998207054							
PRIMPOL	ENSG00000164306.10	0.92002275	7	6	0.379918325			
	Brain_Nucleus_accumbens_basal_ganglia	0.938966486			Brain_Hypothalamus			
	3.55512681	0.019795648	0.152581097	-0.878046793	0.556863599			
	-0.385111011	0.535914417	6	0	0.998207054			
RP11-256I23.3	ENSG00000267919.1	0.920087413	1	1	0.920087413			
	Brain_Substantia_nigra	0.920087413			Brain_Substantia_nigra	1	1	
	1	-0.100323611	-0.100323611	-0.100323611	NA	1	0	
	0.998207054							
PTPRD	ENSG00000153707.16	0.920123226	1	1	0.920123226			
	Brain_Spinal_cord_cervical_c-1	0.920123226			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.100278499	0.100278499	0.100278499	NA	1
	0.998207054							
HSBP1	ENSG00000230989.6	0.920225564	1	1	0.920225564	Brain_Cortex		
	0.920225564	Brain_Cortex	1	1	1	-0.100149593	-0.100149593	
	-0.100149593	NA	1	0	0.998207054			
C5orf17	ENSG00000248874.5	0.920427777	2	1	0.920102432			
	Brain_Substantia_nigra	0.920753177			Brain_Spinal_cord_cervical_c-1			
	1.999998917	1.08E-06	1.999998917	0.099485025	0.100304692			
	0.099894858	0.000579592	1	0	0.998207054			
SIRT2	ENSG00000068903.19	0.920599075	2	1	0.919969042			
	Brain_Cerebellar_Hemisphere	0.922212221			Brain_Cerebellum	1.975236416		
	0.024763584	1.975236416	-0.100472717	-0.09764748	-0.099060098			
	0.001997744	1	0	0.998207054				
SLC22A15	ENSG00000163393.12	0.920697878	1	1	0.920697878			
	Brain_Spinal_cord_cervical_c-1	0.920697878			Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.099554677	0.099554677	0.099554677	NA	1
	0.998207054							

MRPL57	ENSG00000173141.4	0.920797681	1	1	0.920797681		
	Brain_Putamen_basal_ganglia	0.920797681			Brain_Putamen_basal_ganglia	1	1
	1	-0.099428971	-0.099428971	-0.099428971	NA	1	0
	0.998207054						
RHPN2	ENSG00000131941.7	0.921021474	11	5	0.366554309		
	Brain_Nucleus_accumbens_basal_ganglia	0.893884404			Brain_Frontal_Cortex_BA9		
	8.569414047	0.004386442	0.301066761	-0.902946465	0.580243135		
	-0.353000337	0.3640402	5	0	0.998207054		
AMD1	ENSG00000123505.15	0.921110823	3	3	0.55260574	Brain_Hypothalamus	
	0.877438121	Brain_Cortex	1.34021056	0.67778902	0.67778902	-0.593860021	
	0.457525033	0.005960889	0.541144791	3	0	0.998207054	
RP11-478K15.6	ENSG00000230731.2	0.921148561	2	2	0.741945457		
	Brain_Frontal_Cortex_BA9	0.964010557			Brain_Cortex	1.669879363	
	0.330120637	0.330120637	-0.329278152	-0.045121384	-0.187199768		
	0.200929177	2	0	0.998207054			
SLC25A32	ENSG00000164933.11	0.92121357	3	3	0.605117761		
	Brain_Anterior_cingulate_cortex_BA24	0.987501954			Brain_Cortex		
	1.703815452	0.445515034	0.445515034	-0.517055006	0.308335616		
	-0.07479467	0.415860183	3	0	0.998207054		
C11orf91	ENSG00000205177.6	0.921261445	4	4	0.374626628		
	Brain_Cerebellum	0.943573915			Brain_Frontal_Cortex_BA9	1.184192521	
	0.862184597	0.862184597	-0.887840363	0.321069557	-0.113964462		
	0.540806817	4	0	0.998207054			
CHAF1A	ENSG00000167670.15	0.921289836	13	1	0.455469244		
	Brain_Cerebellum	0.942572693			Brain_Hippocampus	12.02146921	
	0.000772853	12.02146921	-0.254274814	0.746328095	0.101145767		
	0.320672427	1	0	0.998207054			
ATP2A3	ENSG00000074370.17	0.921375007	2	1	0.803977522		
	Brain_Caudate_basal_ganglia	0.958991329			Brain_Frontal_Cortex_BA9		
	1.987450447	0.012549553	1.987450447	-0.248202772	0.051419397		
	-0.098391688	0.211864867	1	0	0.998207054		
ZNF682	ENSG00000197124.11	0.921383235	10	3	0.390098465		
	Brain_Nucleus_accumbens_basal_ganglia	0.9916077			Brain_Cerebellum	7.938065197	
	0.00564539	0.550564129	-0.859438811	0.010518383	-0.511442989		
	0.281277705	3	0	0.998207054			
CTD-2026G6.3	ENSG00000272710.1	0.9214227	4	4	0.464664775		
	Brain_Anterior_cingulate_cortex_BA24	0.857850931			Brain_Cortex		
	1.365037886	0.708952596	0.708952596	-0.4069322	0.73118727		
	-0.045037766	0.525995202	4	0	0.998207054		
RP11-109E12.1	ENSG00000273073.1	0.921483874	13	3	0.560593509		
	Brain_Anterior_cingulate_cortex_BA24	0.979923273					
	Brain_Spinal_cord_cervical_c-1	10.91529543			0.005745955	0.576252742	
	-0.328161125	0.581960172	0.15034262	0.226215572	3	0	
	0.998207054						
CEP126	ENSG00000110318.13	0.921517073	3	3	0.638623444		
	Brain_Cerebellar_Hemisphere	0.830637548			Brain_Cerebellum	2.378430183	
	0.099593556	0.099593556	0.213883961	0.469624323	0.32763393		
	0.130188034	3	0	0.998207054			
CTD-2196P11.2	ENSG00000251189.1	0.921593824	3	3	0.547490626		
	Brain_Cerebellar_Hemisphere	0.876314649			Brain_Hippocampus	1.166439478	
	0.848039656	0.848039656	-0.601524609	0.244101121	-0.067260256		
	0.464795677	3	0	0.998207054			
PTDSS1	ENSG00000156471.12	0.921946139	2	2	0.742183492		
	Brain_Anterior_cingulate_cortex_BA24	0.820962333			Brain_Hypothalamus		
	1.020400228	0.979599772	0.979599772	-0.226307413	0.328963216		
	0.051327901	0.392635627	2	0	0.998207054		
PCYOX1L	ENSG00000145882.10	0.921975571	4	2	0.724532677		
	Brain_Caudate_basal_ganglia	0.921777791			Brain_Cortex	3.576469608	
	0.031023155	0.310409271	-0.176089285	0.352407501	0.057950202		
	0.2415398	2	0	0.998207054			
LINC01003	ENSG00000261455.1	0.922011898	10	8	0.16672766		
	Brain_Frontal_Cortex_BA9	0.9897406			Brain_Cortex	4.290676899	0.02753999

	0.242377697	0.012858606	1.382795237	0.451960438	0.389319623				
	8	0	0.998207054						
CTD-2162K18.4	ENSG00000267260.1	0.922014703	9	5	0.340270157				
	Brain_Hypothalamus	0.984620699	Brain_Putamen_basal_ganglia	6.778703537					
	0.026911357	0.243058041	-0.953631595	0.491599102	-0.270716245				
	0.477581237	5	0	0.998207054					
STX18	ENSG00000168818.9	0.922038173	2	2	0.705239468				
	Brain_Hippocampus	0.89343376	Brain_Substantia_nigra	1.012700524					
	0.987299476	0.987299476	-0.133960563	0.378257293	0.122148365				
	0.362192719	2	0	0.998207054					
ZSCAN31	ENSG00000235109.7	0.922074162	13	2	0.406848944				
	Brain_Cerebellar_Hemisphere	0.957381623	Brain_Cerebellum	10.12945172					
	0.012046786	1.514358605	-0.829451547	0.13065241	-0.273532151				
	0.329911456	2	0	0.998207054					
CTAGE5	ENSG00000150527.16	0.922240648	1	1	0.922240648				
	Brain_Cerebellum	0.922240648	Brain_Cerebellum	1	1	1	-0.097611681		
	-0.097611681	-0.097611681	NA	1	0	0.998207054			
COTL1	ENSG00000103187.7	0.922317439	1	1	0.922317439				
	Brain_Cerebellar_Hemisphere	0.922317439	Brain_Cerebellar_Hemisphere	1	1				
	1	-0.097514979	-0.097514979	-0.097514979	NA	1	0		
	0.998207054								
ARMS2	ENSG00000254636.1	0.922357766	2	2	0.687663419				
	Brain_Frontal_Cortex_BA9	0.965194518	Brain_Nucleus_accumbens_basal_ganglia						
	1.11892527	0.88107473	0.88107473	-0.402028001	0.043636046	-0.179195977			
	0.31513207	2	0	0.998207054					
METTL24	ENSG00000053328.8	0.922416149	3	2	0.636815116				
	Brain_Cerebellum	0.811662284	Brain_Nucleus_accumbens_basal_ganglia						
	2.659658102	0.032820361	0.307521537	-0.472156459	-0.238282126				
	-0.338926057	0.120294262	2	0	0.998207054				
ATP13A5	ENSG00000187527.10	0.922424056	2	2	0.687779252				
	Brain_Caudate_basal_ganglia	0.991394648	Brain_Nucleus_accumbens_basal_ganglia						
	1.025126936	0.974873064	0.974873064	0.010785419	0.401870612				
	0.206328015	0.276538992	2	0	0.998207054				
AC005592.3	ENSG00000261757.1	0.92245227	1	1	0.92245227				
	Brain_Spinal_cord_cervical_c-1	0.92245227	Brain_Spinal_cord_cervical_c-1	1	1				
	1	1	0.09734519	0.09734519	0.09734519	NA	1	0	0.998207054
SGSM3	ENSG00000100359.20	0.922614733	4	4	0.594812687				
	Brain_Substantia_nigra	0.939284872	Brain_Cerebellum	2.371391705					
	0.085543755	0.085543755	-0.531874835	0.10503805	-0.167733573				
	0.31078275	4	0	0.998207054					
RAB3IL1	ENSG00000167994.11	0.922657856	8	3	0.465541894				
	Brain_Hypothalamus	0.954608038	Brain_Cerebellar_Hemisphere	7.059448186					
	0.002809174	0.29978674	-0.729751829	-0.05692111	-0.303145487				
	0.25584952	3	0	0.998207054					
RP11-725P16.2	ENSG00000272769.1	0.922670847	1	1	0.922670847				
	Brain_Caudate_basal_ganglia	0.922670847	Brain_Caudate_basal_ganglia	1	1				
	1	-0.097069947	-0.097069947	-0.097069947	NA	1	0		
	0.998207054								
RP11-580I1.2	ENSG00000261621.1	0.922756343	1	1	0.922756343				
	Brain_Spinal_cord_cervical_c-1	0.922756343	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.096962288	0.096962288	0.096962288	NA	1	0
	0.998207054								
ADAMTS18	ENSG00000140873.15	0.922805644	13	2	0.571787759				
	Brain_Nucleus_accumbens_basal_ganglia	0.929635928	Brain_Hypothalamus						
	10.97855817	6.05E-05	1.702420313	-0.565420537	0.217690089				
	-0.295419936	0.294412714	2	0	0.998207054				
PUS7L	ENSG00000129317.14	0.922860353	2	2	0.761045571	Brain_Cerebellum			
	0.802037581	Brain_Spinal_cord_cervical_c-1	1.033061992	0.966938008					
	0.966938008	-0.250710968	0.304108055	0.026698544	0.392316293				
	2	0	0.998207054						
XPA	ENSG00000136936.10	0.922941839	2	2	0.720973395				
	Brain_Anterior_cingulate_cortex_BA24	0.723651424	Brain_Cortex						

	1.575029004	0.424970996	0.424970996	0.353582989	0.357158176				
	0.355370583	0.002528039	2	0	0.998207054				
Clorf174	ENSG00000198912.10	0.922960113	12	6	0.404820621				
	Brain_Amygdala	0.985335662	Brain_Cerebellar_Hemisphere	8.262290217					
	0.001535271	0.351684913	-0.833042747	0.60427727	-0.031142556				
	0.325042024	6	0	0.998207054					
EDEM1	ENSG00000134109.10	0.92299326	1	1	0.92299326	Brain_Hypothalamus			
	0.92299326	Brain_Hypothalamus	1	1	1	0.096663962	0.096663962		
	0.096663962	NA	1	0	0.998207054				
INO80E	ENSG00000169592.14	0.923027758	7	2	0.577948044				
	Brain_Putamen_basal_ganglia	0.964089421	Brain_Frontal_Cortex_BA9						
	6.193810774	0.002841999	0.564920163	-0.556384484	0.451444943				
	0.033024201	0.382506168	2	0	0.998207054				
RNF169	ENSG00000166439.5	0.923242984	2	2	0.697113185				
	Brain_Frontal_Cortex_BA9	0.740149428	Brain_Cortex	1.68149624	0.31850376				
	0.31850376	-0.389220304	-0.331655471	-0.360437888	0.040704484	2			
	0	0.998207054							
PIM1	ENSG00000137193.13	0.923361838	1	1	0.923361838				
	Brain_Hippocampus	0.923361838	Brain_Hippocampus	1	1	1			
	0.096199865	0.096199865	0.096199865	NA	1	0	0.998207054		
CH17-408M7.1	ENSG00000277420.1	0.923394862	2	2	0.718606464				
	Brain_Nucleus_accumbens_basal_ganglia	0.843237297							
	Brain_Spinal_cord_cervical_c-1	1.07290021	0.92709979	0.92709979	-0.360321846				
	-0.197754309	-0.279038077	0.114952608	2	0	0.998207054			
SLC9A8	ENSG00000197818.11	0.923404921	4	4	0.682747929				
	Brain_Cortex	0.893898934	Brain_Nucleus_accumbens_basal_ganglia						
	3.148949425	0.113701403	0.113701403	-0.40871622	0.349055165				
	-0.041919749	0.345406442	4	0	0.998207054				
SNRNP25	ENSG00000161981.10	0.923418994	9	8	0.314797057				
	Brain_Caudate_basal_ganglia	0.958678235	Brain_Cortex	2.592343328					
	0.040851466	0.305925334	-0.830605447	1.005207266	0.292048485				
	0.542221768	8	0	0.998207054					
NDUFA10	ENSG00000130414.11	0.923520832	12	6	0.300927952				
	Brain_Hippocampus	0.835211658	Brain_Putamen_basal_ganglia	7.380393565					
	0.003234746	0.358390657	-0.730092783	1.03444548	0.335244447				
	0.46734307	6	0	0.998207054					
KIF3B	ENSG00000101350.7	0.92363575	2	2	0.748066959	Brain_Amygdala			
	0.816580123	Brain_Frontal_Cortex_BA9	1.012671943	0.987328057					
	0.987328057	0.231945785	0.321189275	0.27656753	0.063104677	2			
	0	0.998207054							
SPNS3	ENSG00000182557.7	0.923666542	6	3	0.366178466	Brain_Cortex			
	0.972905926	Brain_Spinal_cord_cervical_c-1	4.914073948	0.008599254					
	0.199537761	-0.903654814	0.033963915	-0.577968549	0.322686842				
	3	0	0.998207054						
CD164L2	ENSG00000174950.10	0.923711192	7	3	0.402477755				
	Brain_Cerebellar_Hemisphere	0.920293145	Brain_Hippocampus	5.412191993					
	0.002826033	0.361610172	-0.837204275	0.101766819	-0.260572917				
	0.339140592	3	0	0.998207054					
CDK19	ENSG00000155111.14	0.923722701	2	2	0.690965557	Brain_Amygdala			
	0.987762799	Brain_Cerebellum	1.102113227	0.897886773	0.897886773				
	-0.397545071	0.015337658	-0.191103706	0.291952178	2	0			
	0.998207054								
AGMAT	ENSG00000116771.5	0.923726386	6	3	0.585138228				
	Brain_Cerebellar_Hemisphere	0.984267689	Brain_Nucleus_accumbens_basal_ganglia						
	4.76281253	0.000157758	0.185221933	-0.098387964	0.545894837				
	0.122763285	0.22471601	3	0	0.998207054				
BAAT	ENSG00000136881.11	0.92377678	11	5	0.251652466				
	Brain_Nucleus_accumbens_basal_ganglia	0.63433052	Brain_Putamen_basal_ganglia						
	8.509542265	0.02786821	0.325284171	0.475640496	1.146344913				
	0.851199343	0.191636283	5	0	0.998207054				
ZNF407	ENSG00000215421.9	0.923828728	1	1	0.923828728				
	Brain_Cortex	0.923828728	Brain_Cortex	1	1	1	-0.095612008		

	-0.095612008	-0.095612008	NA	1	0	0.998207054		
NKX3-2	ENSG00000109705.7	0.923842798		1	1	0.923842798		
	Brain_Cerebellum	0.923842798	Brain_Cerebellum	1	1			-0.095594293
	-0.095594293	-0.095594293	NA	1	0	0.998207054		
LRR2	ENSG00000163827.12	0.923877648		5	4	0.407762965		
	Brain_Cerebellar_Hemisphere	0.792057621	Brain_Frontal_Cortex_BA9					
	3.196443056	0.085055492	0.265028135			-0.597382747		0.827836739
	-0.038348083	0.617578719	4	0	0.998207054			
CTD-2521M24.13	ENSG00000269720.2	0.924020596		1	1	0.924020596		
	Brain_Nucleus_accumbens_basal_ganglia	0.924020596						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.095370438			
	0.095370438	0.095370438	NA	1	0	0.998207054		
BTBD16	ENSG00000138152.8	0.924035376		3	3	0.542568768		
	Brain_Cerebellum	0.72181187	Brain_Hippocampus			2.555168834		0.151486767
	0.151486767	-0.608933123	-0.356038317			-0.492624885		0.127661089
	3	0	0.998207054					
DGKB	ENSG00000136267.13	0.92416362	6	6	0.278564669			
	Brain_Anterior_cingulate_cortex_BA24	0.846091147	Brain_Cortex			2.68006107		
	0.267573834	0.267573834	-1.083549327			0.629032438		-0.150477071
	0.689759008	6	0	0.998207054				
TAGLN3	ENSG00000144834.13	0.924184079		3	3	0.529921793		
	Brain_Cerebellar_Hemisphere	0.982452104	Brain_Cerebellum			1.106512933		
	0.853083524	0.853083524	-0.021994799			0.628125403		0.306304396
	0.325108512	3	0	0.998207054				
RNASET2	ENSG00000026297.15	0.924201602		5	4	0.616263682		
	Brain_Nucleus_accumbens_basal_ganglia	0.993158244	Brain_Cerebellum					
	3.504429617	0.031730563	0.122883304			-0.501152668		0.249992535
	-0.010634388	0.300137057	4	0	0.998207054			
RP11-439M11.1	ENSG00000271947.1	0.924254457		9	5	0.201244558		
	Brain_Cerebellar_Hemisphere	0.775993027	Brain_Spinal_cord_cervical_c-1					
	5.9614395	0.018424807	0.207912891			-1.278013807		-0.284544643
	-0.836352631	0.319384449	5	0	0.998207054			
MFN2	ENSG00000116688.16	0.924273571		6	6	0.364357712		
	Brain_Hippocampus	0.958449977	Brain_Putamen_basal_ganglia			2.35867514		
	0.329442807	0.329442807	-0.05209879			0.907092824		0.422526814
	0.420683252	6	0	0.998207054				
LCMT2	ENSG00000168806.7	0.924315096		8	6	0.232335044		
	Brain_Frontal_Cortex_BA9	0.902980589	Brain_Nucleus_accumbens_basal_ganglia					
	4.870924695	0.064855042	0.205730317			-1.194365455		-0.121897003
	-0.505021189	0.383032951	6	0	0.998207054			
ACSS3	ENSG00000111058.7	0.9244666		4	4	0.528340637		
	Brain_Caudate_basal_ganglia	0.89320659	Brain_Frontal_Cortex_BA9			1.553008834		
	0.514257771	0.514257771	-0.568055046			0.630541076		0.093637163
	0.548456146	4	0	0.998207054				
HERPUD2	ENSG00000122557.9	0.924468315		1	1	0.924468315		
	Brain_Cortex	0.924468315	Brain_Cortex			1	1	1
	-0.094806763	-0.094806763	NA	1	0	0.998207054		-0.094806763
RP11-638L3.1	ENSG00000265533.1	0.924476169		2	2	0.694832437		
	Brain_Nucleus_accumbens_basal_ganglia	0.938152279	Brain_Hypothalamus					
	1.054884114	0.945115886	0.945115886			-0.077592412		0.392305586
	0.157356587	0.332268061	2	0	0.998207054			
POU3F2	ENSG00000184486.9	0.924560334		2	1	0.867533393		
	Brain_Cerebellar_Hemisphere	0.983209113	Brain_Cerebellum			1.967529675		
	0.032470325	1.967529675	0.02104581			0.166792408		0.093919109
	0.103058408	1	0	0.998207054				
AGAP6	ENSG00000204149.10	0.924760115		11	6	0.348050542		
	Brain_Hypothalamus	0.924139522	Brain_Putamen_basal_ganglia			7.476252		
	0.00143336	0.319036689	-0.93837731			0.095220708		-0.626360531
	0.318772369	6	0	0.998207054				
SLC27A6	ENSG00000113396.12	0.925007287		11	4	0.393134942		
	Brain_Substantia_nigra	0.995524726	Brain_Anterior_cingulate_cortex_BA24					
	8.193976249	0.013906998	0.485423114			-0.373766108		0.853945943

	0.367634269	0.3960947	4	0	0.998207054		
PLSCR1	ENSG00000188313.12	0.925038268		3	2	0.714329258	
	Brain_Putamen_basal_ganglia	0.912441484				Brain_Cerebellum	2.506774386
	3.19E-16	0.493225614		0.109959513		0.366048001	0.195322342
	0.147852757	2	0	0.998207054			
MKS1	ENSG00000011143.16	0.925144184		1	1	0.925144184	
	Brain_Spinal_cord_cervical_c-1	0.925144184				Brain_Spinal_cord_cervical_c-1	
	1	1	-0.093955906	-0.093955906		-0.093955906	NA 1 0
	0.998207054						
SLC25A13	ENSG00000004864.13	0.925166991		2	2	0.696486499	
	Brain_Cerebellar_Hemisphere	0.81380059		Brain_Cerebellum		1.709321322	
	0.290678678	0.290678678		0.235525885		0.390067683	0.312796784
	0.109277553	2	0	0.998207054			
TMEM183A	ENSG00000163444.11	0.925184368		8	5	0.246062923	
	Brain_Cortex	0.783468225		Brain_Spinal_cord_cervical_c-1		5.949727895	
	0.007675248	0.206536289		-1.159965328		-0.274802178	-0.640499447
	0.371142168	5	0	0.998207054			
CACNG6	ENSG00000130433.7	0.925201803		5	5	0.287524123	
	Brain_Cortex	0.948278571		Brain_Frontal_Cortex_BA9		1.168989166	
	0.797161328	0.797161328		-1.063568711		-0.064868663	-0.420633104
	0.400840434	5	0	0.998207054			
RP11-732A21.2	ENSG00000260008.1	0.925229048		1	1	0.925229048	
	Brain_Cerebellar_Hemisphere	0.925229048		Brain_Cerebellar_Hemisphere		1	1
	1	0.093849075	0.093849075	0.093849075		NA	1 0
	0.998207054						
LDHA	ENSG00000134333.13	0.925422017		1	1	0.925422017	Brain_Cerebellum
	0.925422017	Brain_Cerebellum	1	1	1	-0.093606159	-0.093606159
	-0.093606159	NA	1	0	0.998207054		
MST1R	ENSG00000164078.12	0.925425453		6	4	0.452280316	
	Brain_Anterior_cingulate_cortex_BA24	0.974108685		Brain_Cerebellum			
	4.628462676	0.02839448	0.267838967	-0.75161883		0.138290038	
	-0.242100297	0.307241303	4	0	0.998207054		
IGSF22	ENSG00000179057.13	0.925522499		5	5	0.321388857	
	Brain_Putamen_basal_ganglia	0.9812279		Brain_Caudate_basal_ganglia		1.114353716	
	0.835192401	0.835192401		-0.60802561		0.991607852	0.096360109
	0.584898777	5	0	0.998207054			
GEMIN4	ENSG00000179409.10	0.925728596		1	1	0.925728596	
	Brain_Caudate_basal_ganglia	0.925728596		Brain_Caudate_basal_ganglia		1	1
	1	-0.093220239	-0.093220239	-0.093220239		NA	1 0
	0.998207054						
COQ5	ENSG00000110871.14	0.925746898		9	1	0.596384601	
	Brain_Anterior_cingulate_cortex_BA24	0.987050535		Brain_Caudate_basal_ganglia			
	8.723359609	1.97E-07	8.723359609	-0.077548781		0.529606767	
	0.094722842	0.198030981	1	0	0.998207054		
RP11-255P5.3	ENSG00000278445.1	0.925819483		9	6	0.532890293	
	Brain_Putamen_basal_ganglia	0.989010006		Brain_Nucleus_accumbens_basal_ganglia			
	5.932355845	0.001995142	0.295269721	-0.479144141		0.623600027	
	0.124843837	0.379595358	6	0	0.998207054		
NUP107	ENSG00000111581.9	0.925829199		11	3	0.417196263	
	Brain_Hippocampus	0.965466468		Brain_Anterior_cingulate_cortex_BA24			
	8.907200892	0.012088437	0.389974544	-0.043294886		0.81129503	
	0.407002814	0.241516003	3	0	0.998207054		
IPO4	ENSG00000196497.16	0.925863355		2	2	0.715731238	Brain_Cerebellum
	0.877098625	Brain_Spinal_cord_cervical_c-1		1.022709501		0.977290499	
	0.977290499	0.154648256	0.364169772	0.259409014		0.148154085	
	2	0	0.998207054				
ZNF546	ENSG00000187187.13	0.925869616		1	1	0.925869616	
	Brain_Nucleus_accumbens_basal_ganglia	0.925869616					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		0.093042728	
	0.093042728	0.093042728	NA	1	0	0.998207054	
TERF2	ENSG00000132604.10	0.925876276		2	2	0.820743801	
	Brain_Cerebellar_Hemisphere	0.926121889		Brain_Cerebellum		1.656978393	

	0.343021607	0.343021607	-0.092725184	0.226588416	0.066931616		
	0.225788812	2 0	0.998207054				
DIAPH3	ENSG00000139734.17	0.92593807	5 4	0.705241772	Brain_Cortex		
	0.983386865	Brain_Frontal_Cortex_BA9	3.572797924	0.057094659			
	0.131386934	-0.378254191	0.171016037	-0.124756816	0.227334197		
	4 0	0.998207054					
MFHAS1	ENSG00000147324.10	0.92597282	1 1	0.92597282	Brain_Hippocampus		
	0.92597282	Brain_Hippocampus	1 1 1	-0.092912821	-0.092912821		
	-0.092912821	NA 1 0	0.998207054				
DDX49	ENSG00000105671.11	0.925975236	1 1	0.925975236			
	Brain_Hippocampus	0.925975236	Brain_Hippocampus	1 1 1			
	0.09290978	0.09290978	0.09290978 NA 1 0	0.998207054			
RPL31	ENSG00000071082.10	0.926000497	3 3	0.641710041	Brain_Cortex		
	0.722610218	Brain_Amygdala	1.14807996	0.862632587	0.862632587		
	0.354972467	0.465309209	0.415026537	0.055813612	3 0		
	0.998207054						
CD8B	ENSG00000172116.21	0.926003889	1 1	0.926003889			
	Brain_Caudate_basal_ganglia	0.926003889	Brain_Caudate_basal_ganglia	1 1			
	1 0.092873714	0.092873714	0.092873714 NA 1 0				
	0.998207054						
NMUR1	ENSG00000171596.6	0.926038085	6 3	0.369823223			
	Brain_Frontal_Cortex_BA9	0.94133975	Brain_Cerebellum	4.300340321			
	0.008998555	0.394039445	-0.896804544	0.179591473	-0.207015089		
	0.397794645	3 0	0.998207054				
ZNRD1	ENSG00000066379.14	0.926310186	7 7	0.256081587			
	Brain_Anterior_cingulate_cortex_BA24	0.994586483	Brain_Putamen_basal_ganglia				
	3.381018016	0.131990153	0.131990153	-0.319352652	1.135701322		
	0.37625057	0.530264828	7 0	0.998207054			
ZFP14	ENSG00000142065.13	0.926356599	2 2	0.787409324			
	Brain_Cerebellar_Hemisphere	0.922773096	Brain_Cerebellum	1.872602896			
	0.127397104	0.127397104	-0.269676263	-0.096941193	-0.183308728		
	0.122142139	2 0	0.998207054				
PCOLCE2	ENSG00000163710.7	0.926390285	4 3	0.858785574			
	Brain_Frontal_Cortex_BA9	0.923494762	Brain_Hypothalamus	3.500099311			
	0.001350816	0.15008964	-0.170011435	0.177920293	-0.010704341		
	0.174032132	3 0	0.998207054				
ZNF83	ENSG00000167766.18	0.926396781	12 4	0.252033463	Brain_Cortex		
	0.925894352	Brain_Hypothalamus	9.5419314	0.00393104	0.379073015		
	-1.145424237	-0.093011592	-0.65048512	0.387868834	4 0		
	0.998207054						
COL6A1	ENSG00000142156.14	0.926401833	10 8	0.457985804			
	Brain_Caudate_basal_ganglia	0.964568802	Brain_Cortex	4.798312347			
	0.074851788	0.305846192	-0.637166194	0.742167588	0.104082105		
	0.484050438	8 0	0.998207054				
ZNF660	ENSG00000144792.9	0.926438059	13 2	0.422450182			
	Brain_Caudate_basal_ganglia	0.944526867	Brain_Hypothalamus	11.87693912			
	0.002857393	0.402989108	-0.802177686	0.187236085	-0.373315629		
	0.259466039	2 0	0.998207054				
ANKRD33B	ENSG00000164236.11	0.926538604	1 1	0.926538604			
	Brain_Cerebellum	0.926538604	Brain_Cerebellum	1 1 1	-0.092200673		
	-0.092200673	-0.092200673	NA 1 0	0.998207054			
PAK6	ENSG00000137843.11	0.926564643	2 2	0.699396038	Brain_Cerebellum		
	0.824252457	Brain_Cerebellar_Hemisphere	1.438586637	0.561413363			
	0.561413363	-0.386135881	-0.222078908	-0.304107394	0.116005798		
	2 0	0.998207054					
TRPC6	ENSG00000137672.12	0.926610409	1 1	0.926610409			
	Brain_Nucleus_accumbens_basal_ganglia	0.926610409					
	Brain_Nucleus_accumbens_basal_ganglia	1 1 1	-0.092110295				
	-0.092110295	-0.092110295	NA 1 0	0.998207054			
CTC-241N9.1	ENSG00000245317.2	0.926643875	1 1	0.926643875			
	Brain_Putamen_basal_ganglia	0.926643875	Brain_Putamen_basal_ganglia	1 1			
	1 0.092068173	0.092068173	0.092068173	NA 1 0			

0.998207054
RP11-387H17.4 ENSG00000264968.1 0.926704913 1 1 0.926704913
Brain_Spinal_cord_cervical_c-1 0.926704913 Brain_Spinal_cord_cervical_c-1
1 1 1 -0.091991349 -0.091991349 -0.091991349 NA 1 0
0.998207054
GBF1 ENSG00000107862.4 0.926710916 1 1 0.926710916
Brain_Putamen_basal_ganglia 0.926710916 Brain_Putamen_basal_ganglia 1 1
1 -0.091983793 -0.091983793 -0.091983793 NA 1 0
0.998207054
ADI1 ENSG00000182551.13 0.926711844 8 7 0.341266253
Brain_Anterior_cingulate_cortex_BA24 0.998778836 Brain_Caudate_basal_ganglia
3.563645255 0.031582061 0.262871443 -0.951666285 0.254219152
-0.299857858 0.425845254 7 0 0.998207054
RP11-736K20.6 ENSG00000246523.7 0.926766181 1 1 0.926766181
Brain_Putamen_basal_ganglia 0.926766181 Brain_Putamen_basal_ganglia 1 1
1 0.091914235 0.091914235 0.091914235 NA 1 0
0.998207054
RER1 ENSG00000157916.19 0.926815315 2 2 0.702317302
Brain_Cerebellar_Hemisphere 0.961444483 Brain_Cortex 1.074434924
0.925565076 0.925565076 -0.382194229 0.048340996 -0.166926616
0.304434377 2 0 0.998207054
LIMS1 ENSG00000169756.16 0.926917434 5 4 0.407678761 Brain_Cortex
0.9625345 Brain_Cerebellum 2.760677393 0.01931888 0.237443457
-0.827985413 0.091501504 -0.249531576 0.416102606 4 0
0.998207054
LIF ENSG00000128342.4 0.926962881 1 1 0.926962881
Brain_Substantia_nigra 0.926962881 Brain_Substantia_nigra 1 1
1 0.091666668 0.091666668 0.091666668 NA 1 0
0.998207054
KCNK3 ENSG00000171303.6 0.926999663 6 6 0.416929733
Brain_Nucleus_accumbens_basal_ganglia 0.899402771 Brain_Cerebellum
2.719470497 0.094559289 0.094559289 -0.611412126 0.811759347
0.251151841 0.565692035 6 0 0.998207054
ZKSCAN2 ENSG00000155592.15 0.927013577 3 3 0.514189637
Brain_Cerebellum 0.958753944 Brain_Cortex 1.212065334 0.794007247
0.794007247 0.05171731 0.652327945 0.33533877 0.301692454 3 0
0.998207054
CCDC91 ENSG00000123106.10 0.927034972 1 1 0.927034972
Brain_Cerebellum 0.927034972 Brain_Cerebellum 1 1 1 -0.091575935
-0.091575935 -0.091575935 NA 1 0 0.998207054
TTC5 ENSG00000136319.11 0.927060639 5 5 0.421210255
Brain_Caudate_basal_ganglia 0.870192503 Brain_Frontal_Cortex_BA9
2.335657658 0.222612254 0.222612254 -0.445726423 0.804323352
0.141747391 0.477783767 5 0 0.998207054
CPNE8 ENSG00000139117.13 0.927077281 5 5 0.558885886
Brain_Frontal_Cortex_BA9 0.890328344 Brain_Caudate_basal_ganglia 3.3421265
0.152861222 0.152861222 -0.160351322 0.584497144 0.212417292
0.357104696 5 0 0.998207054
HLA-DQB1 ENSG00000179344.16 0.927100008 13 5 0.471150906
Brain_Cerebellum 0.905584 Brain_Frontal_Cortex_BA9 8.715107522
0.003370653 0.460392834 -0.720607715 0.510849246 -0.125484573
0.433946106 5 0 0.998207054
TOR1B ENSG00000136816.15 0.927208572 9 2 0.61661982
Brain_Cerebellar_Hemisphere 0.994501781 Brain_Putamen_basal_ganglia
8.083039663 0.002538644 0.407162956 -0.500646657 -0.006891051
-0.201887994 0.179160261 2 0 0.998207054
GAN ENSG00000261609.5 0.927212284 1 1 0.927212284
Brain_Hypothalamus 0.927212284 Brain_Hypothalamus 1 1 1
0.091352776 0.091352776 0.091352776 NA 1 0 0.998207054
RP11-680F20.6 ENSG00000283703.1 0.927266708 1 1 0.927266708
Brain_Cerebellum 0.927266708 Brain_Cerebellum 1 1 1 -0.091284281
-0.091284281 -0.091284281 NA 1 0 0.998207054

RXRA	ENSG00000186350.9	0.927278598	2	2	0.824654939	Brain_Cerebellum
	0.828054065	Brain_Cerebellar_Hemisphere	1.362529713		0.637470287	
	0.637470287	-0.221561908	0.217197972		-0.002181968	0.310250086
	2	0	0.998207054			
FAR2	ENSG00000064763.10	0.927338503	3	3	0.57428225	Brain_Cerebellum
	0.831495711	Brain_Putamen_basal_ganglia	1.92086992		0.076962811	
	0.076962811	-0.561756035	0.212783658		-0.254214862	0.411154373
	3	0	0.998207054			
ZNF385C	ENSG00000187595.15	0.927346706	3	3	0.535515133	
	Brain_Cortex	0.741277989	Brain_Anterior_cingulate_cortex_BA24			
	2.439681448	0.180061623	0.180061623		-0.619609162	-0.330161429
	-0.434848344	0.160480123	3	0	0.998207054	
LINC00942	ENSG00000249628.2	0.927358937	4	4	0.56482304	
	Brain_Hypothalamus	0.969268853	Brain_Frontal_Cortex_BA9		1.475439517	
	0.638476543	0.638476543	-0.575692508		0.038525309	-0.35830938
	0.271351934	4	0	0.998207054		
ZNF792	ENSG00000180884.9	0.927440517	2	2	0.759741465	
	Brain_Nucleus_accumbens_basal_ganglia	0.820292779	Brain_Putamen_basal_ganglia			
	1.038160969	0.961839031	0.961839031		-0.305820309	-0.227168426
	-0.266494367	0.05561528	2	0	0.998207054	
CALR	ENSG00000179218.13	0.927499517	8	6	0.227626059	
	Brain_Spinal_cord_cervical_c-1	0.937891601	Brain_Hippocampus		4.43835295	
	0.007358978	0.27401351	-1.206496626		-0.077920112	-0.407859893
	0.398977392	6	0	0.998207054		
ZBTB40	ENSG00000184677.16	0.927503037	3	3	0.660917032	
	Brain_Cerebellum	0.954324801	Brain_Cortex		2.247342914	0.194459071
	0.194459071	-0.057276674	0.438647419		0.173594417	0.249722804
	3	0	0.998207054			
ZMAT5	ENSG00000100319.12	0.92750815	1	1	0.92750815	Brain_Hypothalamus
	0.92750815	Brain_Hypothalamus	1	1	1	0.090980419
	0.090980419	NA	1	0	0.998207054	
TPI1	ENSG00000111669.14	0.927529504	1	1	0.927529504	
	Brain_Substantia_nigra	0.927529504	Brain_Substantia_nigra		1	1
	1	-0.090953545	-0.090953545		-0.090953545	NA
	0.998207054				1	0
TALDO1	ENSG00000177156.10	0.927614066	1	1	0.927614066	
	Brain_Caudate_basal_ganglia	0.927614066	Brain_Caudate_basal_ganglia		1	1
	1	0.090847123	0.090847123		0.090847123	NA
	0.998207054				1	0
MSL1	ENSG00000188895.11	0.927858185	9	8	0.202414096	
	Brain_Nucleus_accumbens_basal_ganglia	0.976528189	Brain_Putamen_basal_ganglia			
	4.512093696	0.107564558	0.206346401		-0.433600612	1.274703815
	0.33223887	0.535642046	8	0	0.998207054	
LVCAT1	ENSG00000251350.1	0.927868186	9	3	0.698489346	
	Brain_Hypothalamus	0.893655754	Brain_Caudate_basal_ganglia		7.722326253	
	0.011466497	0.327353987	-0.387360495		0.351948161	-0.147758249
	0.266488186	3	0	0.998207054		
SGTB	ENSG00000197860.9	0.927869795	2	2	0.7230933	
	Brain_Nucleus_accumbens_basal_ganglia	0.909193075				
	Brain_Spinal_cord_cervical_c-1	1.114092436			0.885907564	0.885907564
	0.114056412	0.354327714	0.234192063		0.169897467	2
	0.998207054				0	
CAMK4	ENSG00000152495.10	0.927955194	4	4	0.6178754	
	Brain_Cerebellar_Hemisphere	0.816221941	Brain_Hypothalamus		1.482081799	
	0.604445071	0.604445071	-0.319329796		0.498863711	0.109918757
	0.446887232	4	0	0.998207054		
FAM87A	ENSG00000182366.9	0.92798893	4	3	0.614737801	
	Brain_Hippocampus	0.826674417	Brain_Cortex		3.005418236	
	0.070422066	0.113055872	-0.503322142		-0.218968717	-0.321510598
	0.127676979	3	0	0.998207054		
HRASLS5	ENSG00000168004.9	0.927988932	2	2	0.716904876	
	Brain_Cortex	0.941642772	Brain_Hypothalamus		1.518268843	

	0.481731157	0.481731157	0.073205271	0.362598439	0.217901855
	0.204631871	2	0	0.998207054	
ABHD6	ENSG00000163686.14	0.928079989	8	8	0.36602363 Brain_Cerebellum
	0.974665059	Brain_Nucleus_accumbens_basal_ganglia	3.342761409		
	0.129579027	0.129579027	-0.903946765	0.031757977	-0.466802503
	0.361521405	8	0	0.998207054	
WIF1	ENSG00000156076.9	0.928091406	2	2	0.701486508
	Brain_Nucleus_accumbens_basal_ganglia	0.971191005			Brain_Frontal_Cortex_BA9
	1.031379584	0.968620416	0.968620416	-0.38331461	0.03611457
	-0.17360002	0.296581217	2	0	0.998207054
CHD3	ENSG00000170004.16	0.928123384	1	1	0.928123384
	Brain_Frontal_Cortex_BA9	0.928123384			Brain_Frontal_Cortex_BA9
	1	0.090206167	0.090206167	0.090206167	NA
	0.998207054				1
					0
ERCC6	ENSG00000225830.12	0.928560787	5	5	0.547749558
	Brain_Putamen_basal_ganglia	0.96481215			Brain_Cerebellar_Hemisphere
	0.150902327	0.150902327	-0.601135774	0.252084216	-0.120284343
	0.35250982	5	0	0.998207054	
LINC02060	ENSG00000250156.3	0.928760183	3	3	0.581216666
	Brain_Cerebellar_Hemisphere	0.878971021			Brain_Frontal_Cortex_BA9
	0.695642522	0.695642522	-0.551608421	-0.152273759	-0.323232403
	0.205765908	3	0	0.998207054	
NCOR1	ENSG00000141027.20	0.928764825	2	2	0.702541983
	Brain_Nucleus_accumbens_basal_ganglia	0.980848687			Brain_Frontal_Cortex_BA9
	1.052862575	0.947137425	0.947137425	-0.381891314	0.024004916
	-0.178943199	0.287011977	2	0	0.998207054
AOC2	ENSG00000131480.8	0.928883146	2	2	0.718103467
	Brain_Cerebellar_Hemisphere	0.928252826			Brain_Putamen_basal_ganglia
	1.111875621	0.888124379	0.888124379	-0.090043275	0.360994622
	0.135475674	0.318931956	2	0	0.998207054
ARHGAP25	ENSG00000163219.11	0.928899477	3	3	0.691412432
	Brain_Cortex	0.934086646			Brain_Cerebellar_Hemisphere
	0.419808044	0.419808044	-0.396939016	0.306123757	-0.057839861
	0.352190285	3	0	0.998207054	
GORASP2	ENSG00000115806.12	0.929011951	4	4	0.536910893
	Brain_Spinal_cord_cervical_c-1	0.995563265			Brain_Frontal_Cortex_BA9
	1.647228571	0.602248449	0.602248449	-0.005560651	0.617491034
	0.42109669	0.289297985	4	0	0.998207054
SLU7	ENSG00000164609.9	0.929115709	2	2	0.701440516
	Brain_Cerebellum				
	0.808620831	Brain_Caudate_basal_ganglia	1.647951317	0.352048683	
	0.352048683	0.242205632	0.383376647	0.31279114	0.099822982
	0	0.998207054			2
DOLK	ENSG00000175283.7	0.929160326	2	2	0.714185367
	Brain_Caudate_basal_ganglia	0.922640556			Brain_Amygdala
	0.956340339	0.956340339	-0.366240844	0.097108091	-0.134566377
	0.327637174	2	0	0.998207054	
CAPNS1	ENSG00000126247.10	0.929208946	4	4	0.426547758
	Brain_Cortex	0.959087955			Brain_Cerebellar_Hemisphere
	0.565226441	0.565226441	0.051298135	0.795113027	0.432366523
	0.305964508	4	0	0.998207054	
WDR36	ENSG00000134987.11	0.929232141	6	4	0.33238009
	Brain_Cerebellum				
	0.629976892	Brain_Cortex	4.67795192	0.017850238	0.258655777
	-0.969330954	-0.481759374	-0.708752425	0.185397798	4
	0.998207054				0
CLECL1	ENSG00000184293.7	0.929233989	9	2	0.392951496
	Brain_Nucleus_accumbens_basal_ganglia	0.973048057			Brain_Amygdala
	8.124427464	0.006258964	0.30837731	-0.033785677	0.854277057
	0.358856566	0.292891317	2	0	0.998207054
ABCA4	ENSG00000198691.11	0.929351981	1	1	0.929351981
	Brain_Caudate_basal_ganglia	0.929351981			Brain_Caudate_basal_ganglia
	1	-0.088660178	-0.088660178	-0.088660178	NA
	0.998207054				1
					0

WASF3 ENSG00000132970.12 0.929561002 11 4 0.567969733
 Brain_Cerebellar_Hemisphere0.974507234 Brain_Cerebellum8.05966524
 0.000240494 0.457124717 -0.435537561 0.571044124 0.025296888
 0.343288027 4 0 0.998207054
 PI4KB ENSG00000143393.16 0.929776722 1 1 0.929776722
 Brain_Cerebellar_Hemisphere0.929776722 Brain_Cerebellar_Hemisphere1 1
 1 0.088125761 0.088125761 0.088125761 NA 1 0
 0.998207054
 RP11-847H18.3 ENSG00000256538.1 0.929990821 1 1 0.929990821
 Brain_Hippocampus 0.929990821 Brain_Hippocampus 1 1 1
 -0.087856386 -0.087856386 -0.087856386 NA 1 0 0.998207054
 FOXD2 ENSG00000186564.5 0.930100564 1 1 0.930100564
 Brain_Hippocampus 0.930100564 Brain_Hippocampus 1 1 1
 0.087718313 0.087718313 0.087718313 NA 1 0 0.998207054
 B4GALT7 ENSG00000027847.13 0.930113949 8 5 0.323815408
 Brain_Cortex 0.794586481 Brain_Putamen_basal_ganglia5.819916855
 0.01181949 0.223866902 -0.986647638 -0.260359499 -0.521332252
 0.261730885 5 0 0.998207054
 IRF6 ENSG00000117595.10 0.93021978 5 3 0.601867631 Brain_Cerebellum
 0.861194133 Brain_Putamen_basal_ganglia3.508057043 0.085799511
 0.439180186 0.174854284 0.521716649 0.331742938 0.156725227
 3 0 0.998207054
 OTOS ENSG00000178602.7 0.930235582 4 4 0.542449143 Brain_Cerebellum
 0.975783106 Brain_Cortex 1.466513097 0.596150587 0.596150587
 0.030356037 0.6091136 0.438686146 0.276317859 4 0
 0.998207054
 SUPT5H ENSG00000196235.13 0.930240238 6 1 0.297030218
 Brain_Caudate_basal_ganglia0.989046198 Brain_Anterior_cingulate_cortex_BA24
 5.4666337 0.020233082 5.4666337 -0.390678197 1.042823126
 0.088511962 0.49190108 1 0 0.998207054
 MCF2L ENSG00000126217.20 0.930277704 9 4 0.527805853
 Brain_Cerebellar_Hemisphere0.992246309 Brain_Spinal_cord_cervical_c-1
 6.309622171 0.014009549 0.232806008 -0.631358946 0.133574389
 -0.225630186 0.264742664 4 0 0.998207054
 GYS2 ENSG00000111713.2 0.930381277 4 4 0.411714196 Brain_Amygdala
 0.941489694 Brain_Cerebellar_Hemisphere1.526377066 0.629889202
 0.629889202 -0.820880752 0.087678008 -0.234002875 0.425903138
 4 0 0.998207054
 PGBD5 ENSG00000177614.10 0.930431715 5 5 0.463066396
 Brain_Nucleus_accumbens_basal_ganglia 0.956008738 Brain_Cerebellum
 2.636832311 0.095461326 0.095461326 -0.733806964 0.344293064
 -0.139436015 0.400159602 5 0 0.998207054
 AP4E1 ENSG00000081014.10 0.930449145 2 2 0.728533513
 Brain_Anterior_cingulate_cortex_BA24 0.819068224 Brain_Cerebellum
 1.226954437 0.773045563 0.773045563 0.228743576 0.347076945
 0.28791026 0.083674328 2 0 0.998207054
 PTPN13 ENSG00000163629.12 0.930487312 8 3 0.472669578
 Brain_Substantia_nigra 0.961600855 Brain_Cerebellum6.959055031
 0.003439725 0.317283818 -0.718142255 0.244277882 -0.191738313
 0.290356676 3 0 0.998207054
 PRIM2 ENSG00000146143.17 0.930540996 1 1 0.930540996
 Brain_Anterior_cingulate_cortex_BA24 0.930540996
 Brain_Anterior_cingulate_cortex_BA24 1 1 1 0.087164199
 0.087164199 0.087164199 NA 1 0 0.998207054
 RGS6 ENSG00000182732.16 0.930558523 1 1 0.930558523
 Brain_Hypothalamus 0.930558523 Brain_Hypothalamus 1 1 1
 0.087142149 0.087142149 0.087142149 NA 1 0 0.998207054
 CREB3L2 ENSG00000182158.14 0.930906517 1 1 0.930906517
 Brain_Hypothalamus 0.930906517 Brain_Hypothalamus 1 1 1
 -0.086704351 -0.086704351 -0.086704351 NA 1 0 0.998207054
 AMY2A ENSG00000243480.7 0.930926945 3 3 0.514397049
 Brain_Cerebellar_Hemisphere0.957828003 Brain_Cortex 2.01671633

	0.144240005	0.144240005	0.052879393	0.652006392	0.267351138
	0.333856422	3	0	0.998207054	
GORASP1	ENSG00000114745.13	0.931056106	2	2	0.746973663
	Brain_Cerebellum	0.820188543	Brain_Cortex	1.097032421	0.902967579
	0.902967579	0.227302482	0.322632387	0.274967435	0.067408422
	2	0	0.998207054		
KIAA0141	ENSG00000081791.8	0.931102818	2	2	0.835870216
	Brain_Cerebellar_Hemisphere	0.951297703	Brain_Cerebellum	1.736647586	
	0.263352414	-0.263352414	-0.207178809	0.061077231	-0.073050789
	0.189685665	2	0	0.998207054	
CHAD	ENSG00000136457.9	0.931112888	7	3	0.557627173
	Brain_Nucleus_accumbens_basal_ganglia	0.957936013	Brain_Caudate_basal_ganglia		
	5.733087896	0.011890697	0.406332861	-0.324097974	0.586369594
	0.103964955	0.306623699	3	0	0.998207054
INVS	ENSG00000119509.12	0.931223584	7	3	0.776022972
	Brain_Frontal_Cortex_BA9	5.40899138	0.009173918	Brain_Cortex	
	0.231002231	-0.284505562	0.2774072	-0.058462418	0.178796788
	0	0.998207054			3
TMEM186	ENSG00000184857.7	0.93122849	2	2	0.71252644
	Brain_Hypothalamus				
	0.763415764	Brain_Nucleus_accumbens_basal_ganglia	1.647092569		
	0.352907431	0.352907431	0.300998335	0.368465132	0.334731733
	0.04770623	2	0	0.998207054	
RP11-539G18.3	ENSG00000255458.5	0.931290151	1	1	0.931290151
	Brain_Caudate_basal_ganglia	0.931290151	Brain_Caudate_basal_ganglia	1	1
	1	-0.086221738	-0.086221738	-0.086221738	NA
	0.998207054				1
CLPSL2	ENSG00000196748.9	0.931297757	3	3	0.603267707
	Brain_Anterior_cingulate_cortex_BA24	0.697944528	Brain_Cortex		
	1.508036739	0.507806487	0.507806487	-0.519707143	0.388096627
	-0.175268038	0.491907737	3	0	0.998207054
MANF	ENSG00000145050.15	0.931325382	2	2	0.706025652
	Brain_Nucleus_accumbens_basal_ganglia	0.872797384	Brain_Frontal_Cortex_BA9		
	1.415446726	0.584553274	0.584553274	0.160106242	0.377199096
	0.268652669	0.153507829	2	0	0.998207054
WDR97	ENSG00000179698.13	0.93147547	13	9	0.367877466
	Brain_Cerebellar_Hemisphere	0.961220943	Brain_Spinal_cord_cervical_c-1		
	6.486294592	0.037742169	0.240770936	-0.900456309	0.665595269
	-0.239334686	0.451645856	9	0	0.998207054
TAF8	ENSG00000137413.15	0.931502605	1	1	0.931502605
	Brain_Cerebellar_Hemisphere	0.931502605	Brain_Cerebellar_Hemisphere	1	1
	1	0.085954478	0.085954478	0.085954478	NA
	0.998207054				1
IL23A	ENSG00000110944.8	0.931525064	3	3	0.599862405
	Brain_Caudate_basal_ganglia	0.881882045	Brain_Hypothalamus	1.854448095	
	0.162367793	0.162367793	-0.524598391	-0.148583815	-0.300846704
	0.197938694	3	0	0.998207054	
CASP6	ENSG00000138794.9	0.931923072	5	2	0.683685756
	Brain_Cerebellum				
	0.927823598	Brain_Cerebellar_Hemisphere	3.988624076	0.003287395	
	0.95385736	-0.407438772	-0.09058343	-0.301083674	0.130557463
	0	0.998207054			2
SLBP	ENSG00000163950.12	0.931937416	2	2	0.720908826
	Brain_Caudate_basal_ganglia	0.890949118	Brain_Cortex	1.060885732	
	0.939114268	0.939114268	-0.357244431	0.137103333	-0.110070549
	0.349556656	2	0	0.998207054	
EFCAB14	ENSG00000159658.10	0.932061566	2	2	0.783300497
	Brain_Cerebellar_Hemisphere	0.917306875	Brain_Cerebellum	1.450561353	
	0.549438647	-0.549438647	-0.103826704	0.275020489	0.085596893
	0.267885419	2	0	0.998207054	
RP11-96O20.5	ENSG00000275709.1	0.93209496	2	2	0.710837648
	Brain_Cerebellar_Hemisphere	0.905178103	Brain_Hypothalamus	1.170992369	
	0.829007631	-0.829007631	-0.370731336	0.119122755	-0.12580429
	0.34637915	2	0	0.998207054	

WNT3A	ENSG00000154342.5	0.932123079	1	1	0.932123079			
	Brain_Caudate_basal_ganglia	0.932123079			Brain_Caudate_basal_ganglia	1	1	
	1	0.085173977	0.085173977	0.085173977	NA	1	0	
	0.998207054							
EFNB3	ENSG00000108947.4	0.932144198	2	2	0.722588056			
	Brain_Cerebellar_Hemisphere	0.845816808			Brain_Cerebellum	1.765918686		
	0.234081314	0.234081314	0.194458601	0.355002049		0.274730325		
	0.113521361	2	0	0.998207054				
SCHIP1	ENSG00000151967.18	0.932216194	2	2	0.770134218			
	Brain_Spinal_cord_cervical_c-1	0.80033964			Brain_Nucleus_accumbens_basal_ganglia			
	1.064597461	0.935402539	0.935402539	-0.292199337		-0.252907569		
	-0.272553453	0.027783476	2	0	0.998207054			
FGB	ENSG00000171564.11	0.932229048	1	1	0.932229048			
	Brain_Hippocampus	0.932229048			Brain_Hippocampus	1	1	1
	0.085040682	0.085040682	0.085040682	NA	1	0	0.998207054	
ARVCF	ENSG00000099889.13	0.932345863	4	4	0.64727008			
	Brain_Substantia_nigra	1.72442521	0.281796594		Brain_Hippocampus			
	0.281796594	-0.457557921	0.377293373	-0.022181175		0.365682209		
	4	0	0.998207054					
ABCC6	ENSG00000091262.15	0.932381494	8	8	0.319451638			
	Brain_Frontal_Cortex_BA9	0.927849309			Brain_Substantia_nigra			
	3.074861873	0.26239217	0.26239217	-0.265418208		0.995585387		
	0.352820695	0.456894072	8	0	0.998207054			
YBEY	ENSG00000182362.13	0.932458425	13	2	0.393628932			
	Brain_Substantia_nigra	0.981283835			Brain_Hypothalamus	11.51256029		
	0.002511921	0.415725509	-0.853054771	0.4336873		-0.020457808		
	0.418923499	2	0	0.998207054				
CLPP	ENSG00000125656.8	0.932477446	8	7	0.199500684			
	Brain_Hippocampus	0.937939206			Brain_Hypothalamus	3.905226515		
	0.012375073	0.13354878	-1.282975431	0.169629783		-0.400858879		
	0.439324463	7	0	0.998207054				
RP3-500L14.2	ENSG00000272209.1	0.932527994	3	3	0.590954502			
	Brain_Cerebellum	0.979685147			Brain_Frontal_Cortex_BA9	1.198195231		
	0.811655945	0.811655945	-0.285343631	0.537453347		0.07554869		
	0.420596405	3	0	0.998207054				
NFYA	ENSG00000001167.14	0.932569611	3	2	0.723098571			
	Brain_Cerebellar_Hemisphere	2.593008349			Brain_Cerebellum			
	0.927763751	Brain_Cerebellar_Hemisphere	2.593008349	0.055831249				
	0.351160401	-0.090658746	0.35432068	0.194048563		0.247213997	2	
	0	0.998207054						
SMAD2	ENSG00000175387.15	0.93263989	1	1	0.93263989			
	Brain_Cortex	1	1	1	Brain_Cortex	0.93263989		
	NA	1	0	0.998207054				
TSPO	ENSG00000100300.17	0.932660637	5	5	0.324962333			
	Brain_Hypothalamus	0.907674148			Brain_Frontal_Cortex_BA9	1.734255064		
	0.311850113	0.311850113	-0.984311588	-0.115972738		-0.470146378		
	0.343476225	5	0	0.998207054				
GANC	ENSG00000214013.9	0.932669702	5	4	0.425241425			
	Brain_Cerebellar_Hemisphere	0.95288753			Brain_Frontal_Cortex_BA9	3.65963234		
	0.053359292	0.181427768	-0.797360961	0.059081078		-0.584567538		
	0.362192278	4	0	0.998207054				
P4HB	ENSG00000185624.14	0.932691644	4	4	0.46139016			
	Brain_Hypothalamus	1.836393733			Brain_Hypothalamus			
	0.993922411	Brain_Cerebellum	1.836393733	0.162631745		0.162631745		
	-0.054919525	0.736559684	0.262661529	0.370348949		4	0	
	0.998207054							
ISCA2	ENSG00000165898.13	0.932786306	2	2	0.742476124			
	Brain_Caudate_basal_ganglia	0.843644988			Brain_Frontal_Cortex_BA9			
	1.063818753	0.936181247	0.936181247	-0.328576088		0.197233281		
	-0.065671404	0.37180337	2	0	0.998207054			
RIN1	ENSG00000174791.10	0.932933553	1	1	0.932933553			
	Brain_Amygdala	1	1	1	Brain_Amygdala			
	0.932933553	Brain_Amygdala	1	1	1	-0.084154551	-0.084154551	
	-0.084154551	NA	1	0	0.998207054			
DENND2A	ENSG00000146966.12	0.93310124	2	2	0.709853916			

	Brain_Spinal_cord_cervical_c-1	0.974176928			Brain_Substantia_nigra			
	1.066188686	0.933811314	0.933811314		-0.372052292	0.032370073		
	-0.16984111	0.285969797	2	0	0.998207054			
SMG7	ENSG00000116698.21	0.933146032	5	4	0.461587749			
	Brain_Nucleus_accumbens_basal_ganglia	0.970204489			Brain_Frontal_Cortex_BA9			
	3.821781639	0.014581074	0.144441893		-0.147611736	0.736234912		
	0.178228355	0.332251767	4	0	0.998207054			
RHBDF1	ENSG00000007384.15	0.933168236	3	3	0.66173257	Brain_Cerebellum		
	0.885853464	Brain_Cerebellar_Hemisphere	1.800413797		0.199587775			
	0.199587775	0.14355299	0.437522352		0.308594762	0.15027532	3	0
	0.998207054							
NPIPA1	ENSG00000183426.16	0.933224093	13	4	0.486307154			
	Brain_Anterior_cingulate_cortex_BA24	0.896879299						
	Brain_Nucleus_accumbens_basal_ganglia	10.27838992			0.030487497			
	0.363623338	-0.696194304	0.370697481		-0.318680168	0.311474064		
	4	0	0.998207054					
RP4-738P15.1	ENSG00000230725.5	0.933305795	8	6	0.315515602			
	Brain_Anterior_cingulate_cortex_BA24	0.866993255						
	Brain_Nucleus_accumbens_basal_ganglia	4.240082497			0.075293756			
	0.304813491	-1.003715835	0.245969895		-0.430994062	0.47696862	6	
	0	0.998207054						
RP11-51J9.6	ENSG00000272375.1	0.93337286	5	4	0.499596685			
	Brain_Cerebellum	0.69549501	Brain_Cerebellar_Hemisphere	3.627082384				
	0.085556874	0.183393113	-0.391408907		0.675124475	0.432801907		
	0.462127592	4	0	0.998207054				
RHOT2	ENSG00000140983.13	0.933612628	1	1	0.933612628	Brain_Cerebellum		
	0.933612628	Brain_Cerebellum	1	1	0.083300468	0.083300468		
	0.083300468	NA	1	0	0.998207054			
HIST3H2BB	ENSG00000196890.4	0.933622673	1	1	0.933622673			
	Brain_Frontal_Cortex_BA9	0.933622673	Brain_Frontal_Cortex_BA9	1	1			
	1	-0.083287834	-0.083287834		-0.083287834	NA	1	0
	0.998207054							
GPR150	ENSG00000178015.4	0.93365409	1	1	0.93365409			
	Brain_Anterior_cingulate_cortex_BA24	0.93365409						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.083248323			
	0.083248323	0.083248323	NA	1	0	0.998207054		
SLC39A12	ENSG00000148482.11	0.933679588	1	1	0.933679588			
	Brain_Cerebellar_Hemisphere	0.933679588	Brain_Cerebellar_Hemisphere	1	1			
	1	-0.083216255	-0.083216255		-0.083216255	NA	1	0
	0.998207054							
MRPL3	ENSG00000114686.8	0.933776017	1	1	0.933776017			
	Brain_Caudate_basal_ganglia	0.933776017	Brain_Caudate_basal_ganglia	1	1			
	1	0.083094981	0.083094981		0.083094981	NA	1	0
	0.998207054							
CCNO	ENSG00000152669.8	0.933826062	7	3	0.560250179			
	Brain_Anterior_cingulate_cortex_BA24	0.930641992	Brain_Cerebellum					
	5.686880814	0.000298238	0.197862599		-0.582469946	0.218708314		
	-0.326555032	0.30827029	3	0	0.998207054			
SNPH	ENSG00000101298.13	0.933856684	2	2	0.759709382	Brain_Cerebellum		
	0.759751478	Brain_Cerebellar_Hemisphere	1.366824342		0.633175658			
	0.633175658	-0.305862444	-0.305807158		-0.305834801	3.91E-05	2	
	0	0.998207054						
TMPRSS3	ENSG00000160183.13	0.933971908	1	1	0.933971908			
	Brain_Cerebellum	0.933971908	Brain_Cerebellum	1	1	1	0.082848621	
	0.082848621	0.082848621	NA	1	0	0.998207054		
DYNC1LI2	ENSG00000135720.12	0.934119208	3	3	0.530889804			
	Brain_Putamen_basal_ganglia	0.850008663	Brain_Cerebellar_Hemisphere					
	1.381179096	0.621205985	0.621205985		-0.626648294	0.199275169		
	-0.079421917	0.473939212	3	0	0.998207054			
ATG13	ENSG00000175224.16	0.934132784	2	2	0.712309747	Brain_Cortex		
	0.941149998	Brain_Frontal_Cortex_BA9	1.154373973		0.845626027			
	0.845626027	-0.368755808	-0.073824543		-0.221290175	0.208547897		

2	0	0.998207054					
ACVR2A	ENSG00000121989.14	0.934190307	2	2	0.741746045		
	Brain_Cerebellar_Hemisphere	0.990363022			Brain_Cortex	1.478845892	
	0.521154108	0.521154108			-0.012078455	-0.170810233	
	0.224480634	2	0	0.998207054			
SH3GLB2	ENSG00000148341.17	0.934205098	1	1	0.934205098		
	Brain_Cerebellar_Hemisphere	0.934205098			Brain_Cerebellar_Hemisphere	1	1
	1	0.082555359	0.082555359	0.082555359	NA	1	0
	0.998207054						
CTD-2341M24.1	ENSG00000258733.5	0.934257933	3	3	0.543398654		
	Brain_Cortex	0.814302141			Brain_Hippocampus	1.555584487	
	0.445525628	0.445525628			-0.607681623	-0.234879655	-0.365571883
	0.209894552	3	0	0.998207054			
BORCS5	ENSG00000165714.10	0.934304398	9	8	0.275072172		
	Brain_Hippocampus	0.981658303			Brain_Spinal_cord_cervical_c-1	5.20158241	
	0.065630566	0.177706856			-0.160098271	1.091456252	0.372250644
	0.45235144	8	0	0.998207054			
GPC6	ENSG00000183098.10	0.934361853	4	4	0.379556795		Brain_Cerebellum
	0.99773686	Brain_Putamen_basal_ganglia	2.551677661		0.183296286		
	0.183296286	-0.016192868			0.878713208	0.259292347	0.421503914
	4	0	0.998207054				
RP11-1152H15.1	ENSG00000258807.5	0.934428459	2	2	0.774621446		
	Brain_Frontal_Cortex_BA9	0.826271254			Brain_Cortex	1.04170804	0.95829196
	0.95829196	-0.28633514			0.219486296	-0.033424422	0.357669768
	0	0.998207054					2
FZR1	ENSG00000105325.13	0.934510546	4	3	0.574715506		
	Brain_Hippocampus	0.953030874			Brain_Cerebellar_Hemisphere	2.333859019	
	0.045475809	0.638416153			0.05890111	0.561120336	0.222300305
	0.236604945	3	0	0.998207054			
RELL1	ENSG00000181826.9	0.934539423	2	2	0.715902038		
	Brain_Cerebellar_Hemisphere	0.968919025			Brain_Hypothalamus	1.042040986	
	0.957959014	0.957959014			0.038964082	0.36394104	0.201452561
	0.22979341	2	0	0.998207054			
SEC14L6	ENSG00000214491.8	0.934748689	13	9	0.263645123		
	Brain_Anterior_cingulate_cortex_BA24	0.949046693			Brain_Putamen_basal_ganglia		
	6.299001957	0.072564467			0.255868197	-0.946111735	1.117817086
	0.028342159	0.509797367	9	0	0.998207054		
NAPEPLD	ENSG00000161048.11	0.934765981	1	1	0.934765981		
	Brain_Caudate_basal_ganglia	0.934765981			Brain_Caudate_basal_ganglia	1	1
	1	-0.081850018	-0.081850018	-0.081850018	NA	1	0
	0.998207054						
NCAPD2	ENSG00000010292.12	0.934782981	7	4	0.353783058		
	Brain_Caudate_basal_ganglia	0.936220064			Brain_Frontal_Cortex_BA9		
	4.888191997	0.054565611			0.277463488	-0.927276374	0.617575985
	-0.246011521	0.584547865	4	0	0.998207054		
ANKLE2	ENSG00000176915.14	0.934823323	2	2	0.746132269		
	Brain_Cerebellar_Hemisphere	0.842933371			Brain_Anterior_cingulate_cortex_BA24		
	1.078821431	0.921178569			0.921178569	0.19814276	0.323743455
	0.260943107	0.088813103	2	0	0.998207054		
HES6	ENSG00000144485.10	0.93482673	13	4	0.339202981		
	Brain_Cerebellar_Hemisphere	0.702859897			Brain_Anterior_cingulate_cortex_BA24		
	10.55296564	0.002954452			0.358022594	-0.955741241	-0.381462763
	-0.735700198	0.184196767	4	0	0.998207054		
RP1-90G24.6	ENSG00000224050.1	0.934942588	4	4	0.401524861		
	Brain_Cerebellar_Hemisphere	0.861628341			Brain_Anterior_cingulate_cortex_BA24		
	2.560311662	0.181096528			0.181096528	-0.838901011	-0.174301729
	-0.529148798	0.280626437	4	0	0.998207054		
C10orf128	ENSG00000204161.13	0.935100524	3	3	0.70069119		
	Brain_Caudate_basal_ganglia	0.80172622			Brain_Cerebellum	1.126526414	
	0.809828086	0.809828086			-0.384387599	0.251113679	-0.16852921
	0.36347154	3	0	0.998207054			
LDHD	ENSG00000166816.13	0.935111933	1	1	0.935111933		Brain_Cerebellum

	0.935111933	Brain_Cerebellum1	1	1	-0.081414984	-0.081414984
	-0.081414984	NA	1	0	0.998207054	
GEN1	ENSG00000178295.14	0.935148466	10	7	0.285134212	
	Brain_Anterior_cingulate_cortex_BA24	0.982475812			Brain_Putamen_basal_ganglia	
	6.470065813	0.039933977	0.248635729		-1.068856774	0.376244653
	-0.177001361	0.399225313	7	0	0.998207054	
KRT34	ENSG00000131737.5	0.935164728	2	2	0.726436268	Brain_Cerebellum
	0.737895047	Brain_Cerebellar_Hemisphere	1.753653033		0.246346967	
	0.246346967	0.334642148	0.349869993		0.342256071	0.010767712
	2	0	0.998207054			
ABCC10	ENSG00000124574.14	0.935273304	1	1	0.935273304	
	Brain_Putamen_basal_ganglia	0.935273304			Brain_Putamen_basal_ganglia	1
	1	0.081212067	0.081212067	0.081212067	NA	1
	0.998207054					
CASP14	ENSG00000105141.5	0.935425014	1	1	0.935425014	
	Brain_Putamen_basal_ganglia	0.935425014			Brain_Putamen_basal_ganglia	1
	1	-0.0810213	-0.0810213	-0.0810213	NA	1
	0.998207054					
HEXDC	ENSG00000169660.15	0.935437148	7	7	0.417396109	Brain_Cortex
	0.990771233	Brain_Frontal_Cortex_BA9	3.459468198		0.182382079	
	0.182382079	-0.810946999	0.502478719		-0.278914211	0.481286158
	7	0	0.998207054			
RP11-262A16.1	ENSG00000275322.1	0.93544408	1	1	0.93544408	
	Brain_Hypothalamus	0.93544408	Brain_Hypothalamus	1	1	1
	0.080997325	0.080997325	0.080997325	NA	1	0
	0.998207054					
TRIM34	ENSG00000258659.6	0.935451	1	1	0.935451	
	Brain_Putamen_basal_ganglia	0.935451	Brain_Putamen_basal_ganglia	1	1	1
	-0.080988623	-0.080988623	-0.080988623	NA	1	0
	0.998207054					
C17orf50	ENSG00000270806.1	0.935471891	10	1	0.623544785	
	Brain_Caudate_basal_ganglia	0.987570467	Brain_Amygdala	9.334217372		
	0.001212224	9.334217372	-0.490832693		0.364418354	0.079158603
	0.231979473	1	0	0.998207054		
LINC01030	ENSG00000253799.1	0.935700187	1	1	0.935700187	
	Brain_Spinal_cord_cervical_c-1	0.935700187	Brain_Spinal_cord_cervical_c-1			
	1	1	1	0.080675292	0.080675292	0.080675292
	0.998207054				NA	1
	0					
TMCO4	ENSG00000162542.13	0.935732664	2	2	0.735748783	
	Brain_Substantia_nigra	0.89484776	Brain_Cortex	1.016229933		
	0.983770067	0.983770067	-0.337488363		-0.132172616	-0.23483049
	0.145180157	2	0	0.998207054		
C3orf38	ENSG00000179021.9	0.935751365	1	1	0.935751365	
	Brain_Frontal_Cortex_BA9	0.935751365	Brain_Frontal_Cortex_BA9	1	1	
	1	0.08061094	0.08061094	0.08061094	NA	1
	0.998207054					
SNRPD2	ENSG00000125743.10	0.935768484	2	2	0.750839738	
	Brain_Cortex	0.863312236	Brain_Frontal_Cortex_BA9	1.020601396		
	0.979398604	0.979398604	-0.317532295		-0.172159374	-0.244845835
	0.102794179	2	0	0.998207054		
TBXAS1	ENSG00000059377.16	0.936070788	1	1	0.936070788	
	Brain_Substantia_nigra	0.936070788	Brain_Substantia_nigra	1	1	
	1	-0.080209307	-0.080209307	-0.080209307	NA	1
	0.998207054					
INSIG2	ENSG00000125629.14	0.936157769	1	1	0.936157769	
	Brain_Frontal_Cortex_BA9	0.936157769	Brain_Frontal_Cortex_BA9	1	1	
	1	0.080099942	0.080099942	0.080099942	NA	1
	0.998207054					
RP11-62J1.4	ENSG00000272915.1	0.936181526	3	3	0.532660445	
	Brain_Cerebellum	0.918191066	Brain_Cortex	1.873899328		0.266362932
	0.266362932	0.102712609	0.623949965		0.356786268	0.260865113
	3	0	0.998207054			
RBM6	ENSG00000004534.14	0.93626305	13	2	0.667753789	
	Brain_Anterior_cingulate_cortex_BA24	0.968684808	Brain_Cerebellar_Hemisphere			
	12.19964624	0.000577652	0.468085329		-0.060109671	0.429232836
	0.194920884	0.146115598	2	0	0.998207054	

RP11-531A24.3	ENSG00000260838.3	0.936385621	4	3	0.720724972	
	Brain_Cortex	0.910013905				Brain_Anterior_cingulate_cortex_BA24
	3.525422962	0.02136196	0.161932668		-0.357490053	0.113021002
	-0.17699202	0.215463261	3	0	0.998207054	
TBP	ENSG00000112592.13	0.936458783	1	1	0.936458783	Brain_Amygdala
	0.936458783	Brain_Amygdala	1	1	1	-0.07972147
	-0.07972147	NA	1	0	0.998207054	-0.07972147
EIF1AD	ENSG00000175376.8	0.936633872	1	1	0.936633872	
	Brain_Cortex	0.936633872				Brain_Cortex
	-0.079501333	-0.079501333	NA	1	0	-0.079501333
					0.998207054	
C2orf68	ENSG00000168887.10	0.936768326	2	2	0.719361219	
	Brain_Substantia_nigra	0.963616106				Brain_Frontal_Cortex_BA9
	1.018004645	0.981995355	0.981995355		0.045616263	0.359312641
	0.202464452	0.221816836	2	0	0.998207054	
E2F5	ENSG00000133740.10	0.936851722	4	3	0.761802895	
	Brain_Caudate_basal_ganglia	0.901350431				Brain_Putamen_basal_ganglia
	2.246749515	0.030698865	0.237727871		-0.179566324	0.303114119
	-0.033184808	0.225531893	3	0	0.998207054	
GOSR1	ENSG00000108587.15	0.936852382	11	3	0.566515202	
	Brain_Caudate_basal_ganglia	0.979173176				Brain_Hippocampus
	0.000673184	0.323379786	-0.573191259		0.200998362	9.484785424
	0.233585462	3	0	0.998207054		-0.08412382
MCM3	ENSG00000112118.18	0.936897846	7	4	0.256330181	Brain_Cortex
	0.929254544	Brain_Anterior_cingulate_cortex_BA24	5.719604577			
	0.015543662	0.261661177	0.088782779		1.135107735	0.76118784
	0.367943115	4	0	0.998207054		
A4GALT	ENSG00000128274.15	0.937023738	5	5	0.448133306	
	Brain_Hypothalamus	0.818994194				Brain_Cortex
	0.491699506	0.491699506	-0.725082535		0.75853076	0.078188019
	0.654431972	5	0	0.998207054		
SARM1	ENSG00000004139.13	0.937026676	1	1	0.937026676	
	Brain_Putamen_basal_ganglia	0.937026676				Brain_Putamen_basal_ganglia
	1	-0.079007477	-0.079007477		-0.079007477	NA
	0.998207054				1	0
GFER	ENSG00000127554.12	0.937066332	9	5	0.306726812	
	Brain_Anterior_cingulate_cortex_BA24	0.821914116				Brain_Cortex
	6.685779286	0.017240758	0.25511141	0.225083758		1.022114286
	0.585591051	0.234684962	5	0	0.998207054	
CH17-174L20.1	ENSG00000282142.1	0.93706956	4	4	0.451245155	
	Brain_Amygdala	0.875919311				Brain_Hippocampus
	0.722046305	0.722046305	-0.753340787		0.410820313	-0.166045314
	0.54119934	4	0	0.998207054		
DRAXIN	ENSG00000162490.6	0.937070646	7	7	0.345368661	
	Brain_Frontal_Cortex_BA9	0.882160824				Brain_Spinal_cord_cervical_c-1
	2.258144848	0.319641118	0.319641118		-0.943610624	0.913532548
	0.159325675	0.581007666	7	0	0.998207054	
WDR60	ENSG00000126870.15	0.937074968	10	2	0.61924935	
	Brain_Frontal_Cortex_BA9	0.980318587				Brain_Hypothalamus
	0.003434772	0.65001718	-0.496914494		0.446490942	8.93758396
	0.256363176	2	0	0.998207054		-0.1319057
MKRN2	ENSG00000075975.15	0.937150802	7	3	0.450179971	
	Brain_Anterior_cingulate_cortex_BA24	0.774883331				
	Brain_Nucleus_accumbens_basal_ganglia	5.550522854			0.015139862	
	0.291581143	0.285993198	0.755115021		0.525477542	0.159771727
	3	0	0.998207054			
COL1A2	ENSG00000164692.17	0.937260904	2	2	0.731466125	
	Brain_Frontal_Cortex_BA9	0.994410272				Brain_Hippocampus
	0.679522264	0.679522264	-0.343175911		-0.007005743	1.320477736
	0.237708206	2	0	0.998207054		-0.175090827
RP11-311F12.1	ENSG00000262681.2	0.937276406	9	6	0.329351899	
	Brain_Putamen_basal_ganglia	0.834361103				Brain_Amygdala
	0.007477932	0.538872528	-0.975420137		0.449084848	4.357298292
						-0.499134682

	0.547870743	6	0	0.998207054					
SMYD5	ENSG00000135632.11		0.937364472	10	4	0.344207176			
	Brain_Anterior_cingulate_cortex_BA24		0.955065348			Brain_Cerebellar_Hemisphere			
	7.334465501	0.003352102	0.402297163			-0.327275697	0.945885135		
	0.503730051	0.408204297	4	0	0.998207054				
RP11-665C14.2	ENSG00000249460.1		0.937513076	3	3	0.617432336			
	Brain_Hypothalamus	0.77207805	Brain_Anterior_cingulate_cortex_BA24			1.14710659			
	0.837980238	0.837980238	-0.49949269			0.289657791	-0.166944538		
	0.408939726	3	0	0.998207054					
LINC00384	ENSG00000232117.1		0.93761669	1	1	0.93761669			
	Brain_Nucleus_accumbens_basal_ganglia		0.93761669						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1		0.078265714			
	0.078265714	0.078265714	NA	1	0	0.998207054			
FGGY	ENSG00000172456.17		0.937636019	5	5	0.265843178	Brain_Amygdala		
	0.993341717	Brain_Frontal_Cortex_BA9	1.191214554			0.750716352			
	0.750716352	0.008345017	1.112686308			0.275896128	0.469345465		
	5	0	0.998207054						
ATP12A	ENSG00000075673.11		0.93763765	1	1	0.93763765	Brain_Cortex		
	0.93763765	Brain_Cortex	1	1	1	0.078239364	0.078239364		
	0.078239364	NA	1	0	0.998207054				
DRAM2	ENSG00000156171.14		0.93770762	13	2	0.2592158			
	Brain_Anterior_cingulate_cortex_BA24	0.84749942	Brain_Cerebellar_Hemisphere						
	11.78488516	8.40E-05	0.447902188			-1.128246574	0.197955413		
	-0.322368495	0.291654409	2	0	0.998207054				
SETD4	ENSG00000185917.13		0.937768802	12	5	0.194831196	Brain_Amygdala		
	0.687861307	Brain_Cerebellum	9.386059779			0.01104999	0.321470828		
	-1.296418924	-0.401759124	-0.804649858			0.259295426	5	0	
	0.998207054								
AGA	ENSG00000038002.8		0.937869378	13	4	0.453431645			
	Brain_Hippocampus	0.993241524	Brain_Spinal_cord_cervical_c-1						
	10.75117073	0.001237321	0.420613257			-0.676832993	0.749706246		
	-0.066120562	0.374467205	4	0	0.998207054				
SPATA4	ENSG00000150628.6		0.937930835	1	1	0.937930835			
	Brain_Substantia_nigra	0.937930835	Brain_Substantia_nigra	1	1				
	1	0.07787079	0.07787079	0.07787079	NA	1	0	0.998207054	
TMEM167A	ENSG00000174695.9		0.937931032	10	3	0.604045894			
	Brain_Caudate_basal_ganglia	0.997320284	Brain_Cerebellum	8.021481492					
	0.000580157	0.588582331	-0.518591132			0.490545368	0.077001511		
	0.286468625	3	0	0.998207054					
SFR1	ENSG00000156384.14		0.937947129	3	2	0.68871742	Brain_Cerebellum		
	0.996417115	Brain_Cerebellar_Hemisphere	1.975386375			0.035528973			
	0.989084651	-0.400596232	0.004490495			-0.235157329	0.212494793		
	2	0	0.998207054						
ARG2	ENSG00000081181.7		0.937995683	1	1	0.937995683			
	Brain_Cerebellar_Hemisphere	0.937995683	Brain_Cerebellar_Hemisphere	1	1				
	1	0.077789269	0.077789269	0.077789269	NA	1	0		
	0.998207054								
RP3-483K16.4	ENSG00000271367.1		0.938004768	2	2	0.753441372			
	Brain_Spinal_cord_cervical_c-1	0.816838835	Brain_Putamen_basal_ganglia						
	1.203468931	0.796531069	0.796531069			0.231612709	0.314104895		
	0.272858802	0.058330784	2	0	0.998207054				
RPS3A	ENSG00000145425.9		0.938034203	1	1	0.938034203			
	Brain_Spinal_cord_cervical_c-1	0.938034203	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.077740845	0.077740845	0.077740845	NA	1	0
	0.998207054								
CPOX	ENSG00000080819.6		0.938087781	2	1	0.906067685	Brain_Cerebellum		
	0.970486286	Brain_Cerebellar_Hemisphere	1.99103345			0.00896655	1.99103345		
	0.036998394	0.117999966	0.07749918			0.057276761	1	0	
	0.998207054								
ZNF311	ENSG00000197935.6		0.938099971	8	6	0.464005445			
	Brain_Cortex	0.995600025	Brain_Substantia_nigra			3.540660946			
	0.03654143	0.146360946	-0.732267281			0.724084486	0.004432926		

	0.46163737	6	0	0.998207054					
SLC34A3	ENSG00000198569.9			0.938178592	1	1	0.938178592		
	Brain_Cortex			0.938178592		1	1	1	-0.077559334
	-0.077559334		-0.077559334	NA	1	0	0.998207054		
RP11-477N3.1	ENSG00000272156.1			0.938182363	7	5	0.389806365		
	Brain_Cerebellum			0.897554757			Brain_Hypothalamus		4.055882662
	0.045698257		0.313372173	-0.245293292			0.859968576		0.334838746
	0.41400896	5	0	0.998207054					
ACAD10	ENSG00000111271.14			0.938260737	2	2	0.776324155		
	Brain_Frontal_Cortex_BA9			0.83719229			Brain_Amygdala		1.037123653
	0.962876347		0.962876347	0.205486185			0.284112517		0.244799351
	0.055597212	2	0	0.998207054					
RAB5C	ENSG00000108774.14			0.938279086	5	4	0.633680715		Brain_Amygdala
	0.932160813		Brain_Cortex	3.157987104			0.033936404		0.119112643
	-0.408231387		0.476552639	0.015245931			0.402070724		4
	0.998207054								0
PAPOLG	ENSG00000115421.12			0.938355073	2	2	0.730795559		
	Brain_Putamen_basal_ganglia			0.991745457			Brain_Cerebellum		1.291894784
	0.708105216		0.708105216	-0.344067453			0.01034572		-0.166860866
	0.250607958	2	0	0.998207054					
C2orf70	ENSG00000173557.14			0.938364232	2	2	0.721592908		
	Brain_Cerebellum			0.975001522			Brain_Cerebellar_Hemisphere		1.04250347
	0.95749653	0.031336073		0.356330717			0.193833395		0.229805917
	0		0.998207054						2
C19orf44	ENSG00000105072.8			0.938491456	11	2	0.502532886		
	Brain_Nucleus_accumbens_basal_ganglia			0.959417279			Brain_Hippocampus		
	9.556251645		0.000784154	0.494154911			-0.670509761		0.470978685
	0.040642731		0.30198763	2	0	0.998207054			
PYGL	ENSG00000100504.16			0.938562958	5	5	0.516749424		Brain_Cerebellum
	0.984938525		Brain_Cortex	2.404225372			0.193846856		0.193846856
	-0.648364193		0.585213184	0.03770705		0.473410907	5		0
	0.998207054								
ARHGAP17	ENSG00000140750.16			0.938835314	2	2	0.791367738		
	Brain_Spinal_cord_cervical_c-1			0.900020112			Brain_Cerebellar_Hemisphere		
	1.361133593		0.638866407	0.638866407			-0.264534949		-0.125635941
	-0.195085445		0.098216431	2	0	0.998207054			
CSF1R	ENSG00000182578.13			0.939136522	2	2	0.758681517		
	Brain_Cerebellar_Hemisphere			0.874459074			Brain_Spinal_cord_cervical_c-1		
	1.059726825		0.940273175	0.940273175			-0.307212651		0.157997112
	-0.074607769		0.328952978	2	0	0.998207054			
LINC00574	ENSG00000231690.2			0.939193653	4	4	0.656235928		
	Brain_Cortex			0.979143413			Brain_Amygdala		2.514184072
	0.189119652		-0.445115998	0.159887288			-0.046995879		0.189119652
	4	0	0.998207054						0.277348036
LMNTD1	ENSG00000152936.10			0.939269716	2	2	0.793704339		
	Brain_Hippocampus			0.794157043			Brain_Cerebellum		1.089031973
	0.910968027		0.910968027	-0.261503385			-0.260916316		-0.26120985
	0.000415121	2	0	0.998207054					
ALDH1L2	ENSG00000136010.13			0.939346505	7	7	0.403972716		
	Brain_Cerebellar_Hemisphere			0.991528348			Brain_Spinal_cord_cervical_c-1		
	3.083195613		0.153152786	0.153152786			-0.834547175		0.45772454
	0.022279299		0.431653917	7	0	0.998207054			
TMEM242	ENSG00000215712.10			0.939465762	6	6	0.339438195		
	Brain_Nucleus_accumbens_basal_ganglia			0.847814914					
	Brain_Anterior_cingulate_cortex_BA24			1.206453451			0.810081243		
	0.810081243		-0.955275893	0.191907179			-0.420066049		0.439734666
	6	0	0.998207054						
TBC1D20	ENSG00000125875.13			0.93948004	2	1	0.903329945		Brain_Cerebellum
	0.97593977		Brain_Cerebellar_Hemisphere	1.993911538			0.006088462		
	1.993911538		0.030159598	0.121455897			0.075807748		0.064556232
	1	0	0.998207054						
C20orf85	ENSG00000124237.5			0.939481912	1	1	0.939481912		

	Brain_Caudate_basal_ganglia	0.939481912		Brain_Caudate_basal_ganglia	1	1
	1	0.075921048	0.075921048	0.075921048	NA	1 0
		0.998207054				
RP4-777L9.2	ENSG00000273998.1	0.939540526		3	3	0.546598998
	Brain_Anterior_cingulate_cortex_BA24	0.908130095				Brain_Caudate_basal_ganglia
	1.097801599	0.893370838	0.893370838	0.115397456		0.602864253
	0.309617713	0.258380772	3	0	0.998207054	
AFMID	ENSG00000183077.15	0.939579337		2	2	0.727483187
	Brain_Anterior_cingulate_cortex_BA24	0.988001805				Brain_Cerebellum
	1.202397081	0.797602919	0.797602919	0.015038074		0.348475397
	0.181756736	0.235775792	2	0	0.998207054	
SMAD9	ENSG00000120693.13	0.939599188		11	11	0.23569807
	Brain_Frontal_Cortex_BA9	0.945191847				Brain_Anterior_cingulate_cortex_BA24
	3.587905678	0.137492882	0.137492882	-0.341481199		1.185808157
	0.265422368	0.581562654	11	0	0.998207054	
KIF6	ENSG00000164627.17	0.939600562		10	6	0.51083433
	Brain_Putamen_basal_ganglia	0.993084037				Brain_Spinal_cord_cervical_c-1
	6.568979601	1.09E-07	0.282679273	-0.16540978		0.657539113
	0.435833999	0.285972062	6	0	0.998207054	
ALDOB	ENSG00000136872.17	0.939606359		3	3	0.731219544
	Brain_Frontal_Cortex_BA9	0.996595186				Brain_Hippocampus
	0.1672249	0.1672249	0.004267315	0.343503718		2.050834554
	0.169742816	3	0	0.998207054		0.170130988
ZCCHC3	ENSG00000247315.3	0.939628592		1	1	0.939628592
	Brain_Hypothalamus	0.939628592				Brain_Hypothalamus
	-0.075736682	-0.075736682	-0.075736682	NA	1	1 0 0.998207054
JDP2	ENSG00000140044.12	0.93967038		1	1	0.93967038
	Brain_Cerebellum	1	1	0.93967038		Brain_Cerebellum
	Brain_Cerebellum	1	1	0.075684157		0.075684157
	NA	1	0	0.998207054		
SLC1A7	ENSG00000162383.11	0.939699208		13	5	0.072263217
	Brain_Cerebellar_Hemisphere	0.995894932				Brain_Amygdala
	0.000657439	0.381385235	-1.797456255	0.116533699		9.717486176
	0.587341416	5	0	0.998207054		-0.471690592
SLC3A1	ENSG00000138079.13	0.939838308		1	1	0.939838308
	Brain_Cerebellum	0.939838308				Brain_Cerebellum
	Brain_Cerebellum	1	1	1	1	0.07547309
	0.07547309	0.07547309	NA	1	0	0.998207054
SERHL2	ENSG00000183569.17	0.940064964		8	4	0.579579932
	Brain_Putamen_basal_ganglia	0.978047752				Brain_Cortex
	0.014517388	0.265785077	-0.044774681	0.553998413		6.580825882
	0.218675505	4	0	0.998207054		0.198148078
VPS11	ENSG00000160695.14	0.940106136		12	2	0.614261881
	Brain_Anterior_cingulate_cortex_BA24	0.994178951				Brain_Cerebellar_Hemisphere
	10.11137449	0.010322634	0.640183079	-0.503999283		0.325884543
	0.004597932	0.230317662	2	0	0.998207054	
AMDHD2	ENSG00000162066.14	0.940193261		2	2	0.811161956
	Brain_Caudate_basal_ganglia	0.83394083				Brain_Nucleus_accumbens_basal_ganglia
	1.181873148	0.818126852	0.818126852	-0.238927301		0.209650028
	-0.014638636	0.317192071	2	0	0.998207054	
ADIPOQ	ENSG00000181092.9	0.940418805		1	1	0.940418805
	Brain_Putamen_basal_ganglia	0.940418805				Brain_Putamen_basal_ganglia
	1	0.074743489	0.074743489	0.074743489	NA	1 0
		0.998207054				
SLC39A10	ENSG00000196950.13	0.940466259		6	5	0.456859641
	Brain_Cerebellar_Hemisphere	0.866488606				Brain_Cerebellum
	0.050586395	0.143392782	-0.45738246	0.744027827		4.088306052
	0.448985839	5	0	0.998207054		0.340129647
AC068057.1	ENSG00000228528.1	0.940474258		2	2	0.78006426
	Brain_Frontal_Cortex_BA9	0.798396632				Brain_Anterior_cingulate_cortex_BA24
	1.167712519	0.832287481	0.832287481	-0.279235294		-0.25542271
	-0.267329002	0.01683804	2	0	0.998207054	
GAB1	ENSG00000109458.8	0.940484051		1	1	0.940484051
	Brain_Substantia_nigra	0.940484051				Brain_Substantia_nigra
						1 1

	1	-0.074661487	-0.074661487	-0.074661487	NA	1	0
		0.998207054					
TTC16	ENSG00000167094.15	0.940676261	3	2	0.661523188		
	Brain_Putamen_basal_ganglia	0.935488361			Brain_Caudate_basal_ganglia		
	2.033569437	0.008113669	0.958316894		-0.437811149	-0.080941645	
	-0.258795222	0.178437592	2	0	0.998207054		
KIAA1328	ENSG00000150477.14	0.940731395	4	4	0.61120009		
	Brain_Caudate_basal_ganglia	0.994729669			Brain_Substantia_nigra		
	2.695425271	0.109604766	0.109604766		-0.508361154	0.133660336	
	-0.142541404	0.280416327	4	0	0.998207054		
CYP4A11	ENSG00000187048.12	0.940797049	7	6	0.21212119		
	Brain_Frontal_Cortex_BA9	0.95361065	Brain_Putamen_basal_ganglia	4.46216144			
	0.093488295	0.153015148	-0.058173222	1.247753916	0.695393198		
	0.456029085	6	0	0.998207054			
RP11-147L13.11	ENSG00000278730.1	0.940821138	9	3	0.762957303		
	Brain_Hippocampus	0.909684907	Brain_Hypothalamus	7.796693109			
	0.00553525	0.285021914	-0.227825526	0.301599612	0.083125148		
	0.221801774	3	0	0.998207054			
AFP	ENSG00000081051.7	0.940844834	1	1	0.940844834	Brain_Cortex	
	0.940844834	Brain_Cortex	1	1	1	-0.074208059	-0.074208059
	-0.074208059	NA	1	0	0.998207054		
TMEM69	ENSG00000159596.6	0.941025941	3	3	0.616968857		
	Brain_Hypothalamus	0.953489365	Brain_Caudate_basal_ganglia	1.964324728			
	0.078530093	0.078530093	-0.08910019	0.500150859	0.156458719		
	0.306637894	3	0	0.998207054			
WDR5	ENSG00000196363.9	0.941084973	3	1	0.823813836		
	Brain_Anterior_cingulate_cortex_BA24	0.98816531	Brain_Cerebellum	2.90721003			
	0.009646324	2.90721003	-0.222642398	0.014833128	-0.075046658		
	0.128829364	1	0	0.998207054			
CARS	ENSG00000110619.17	0.941096109	1	1	0.941096109		
	Brain_Caudate_basal_ganglia	0.941096109	Brain_Caudate_basal_ganglia	1	1		
	1	0.073892267	0.073892267	0.073892267	NA	1	0
	0.998207054						
GRID2IP	ENSG00000215045.8	0.941105567	2	2	0.732337488		
	Brain_Anterior_cingulate_cortex_BA24	0.983050212	Brain_Cortex				
	1.250388961	0.749611039	0.749611039	0.021245007	0.342017812		
	0.181631409	0.226820625	2	0	0.998207054		
RP11-51J9.5	ENSG00000271869.1	0.941151536	1	1	0.941151536		
	Brain_Cerebellar_Hemisphere	0.941151536	Brain_Cerebellar_Hemisphere	1	1		
	1	0.073822609	0.073822609	0.073822609	NA	1	0
	0.998207054						
SNX5	ENSG00000089006.16	0.941240419	3	3	0.570596414	Brain_Cerebellum	
	0.971436419	Brain_Nucleus_accumbens_basal_ganglia	1.318137855				
	0.663007694	0.663007694	-0.03580679	0.567173347	0.265528016		
	0.301490189	3	0	0.998207054			
COA5	ENSG00000183513.8	0.94137366	8	2	0.774828791		
	Brain_Nucleus_accumbens_basal_ganglia	0.930700019	Brain_Caudate_basal_ganglia				
	7.604329636	2.14E-05	0.265287744	-0.264543863	0.286064409		
	-0.104379983	0.19034154	2	0	0.998207054		
KCNJ6	ENSG00000157542.9	0.941416201	10	6	0.377725441		
	Brain_Putamen_basal_ganglia	0.918516997	Brain_Amygdala	5.362820492			
	0.000122813	0.366407473	-0.882094991	0.708598491	-0.044593771		
	0.498699524	6	0	0.998207054			
ALKBH3	ENSG00000166199.12	0.941424265	11	6	0.272461876		
	Brain_Cortex	0.976063215	Brain_Cerebellum	6.678006739	0.034806068		
	0.256321067	-1.097410751	0.596240259	-0.239995682	0.477701586		
	6	0	0.998207054				
MSRA	ENSG00000175806.14	0.941452843	4	4	0.533649155		
	Brain_Spinal_cord_cervical_c-1	0.995089534					
	Brain_Nucleus_accumbens_basal_ganglia	1.540266798	0.581343895				
	0.581343895	-0.269590043	0.622445218	0.236022184	0.445047264		
	4	0	0.998207054				

APPL2	ENSG00000136044.11	0.941564718	6	6	0.375482512	Brain_Cortex
	0.978971295	Brain_Caudate_basal_ganglia	1.797557966	0.317389333		
	0.317389333	-0.886250582	0.416926286	-0.201480321	0.513386831	
	6	0	0.998207054			
UMODL1	ENSG00000177398.18	0.941617959	2	2	0.772763505	
	Brain_Caudate_basal_ganglia	0.997967894	Brain_Nucleus_accumbens_basal_ganglia			
	1.547889807	0.452110193	0.452110193	-0.002546869	0.288762011	
	0.143107571	0.205986485	2	0	0.998207054	
C2orf42	ENSG00000115998.7	0.941731975	6	4	0.459682923	
	Brain_Cortex	0.624850832	Brain_Caudate_basal_ganglia	4.682896163		
	0.005781408	0.251583583	-0.739369062	0.488987097	-0.440148654	
	0.464935221	4	0	0.998207054		
GADD45A	ENSG00000116717.11	0.941753994	1	1	0.941753994	
	Brain_Caudate_basal_ganglia	0.941753994	Brain_Caudate_basal_ganglia	1	1	
	1	0.073065502	0.073065502	0.073065502	NA	1
	0.998207054					0
COASY	ENSG00000068120.14	0.941863914	1	1	0.941863914	Brain_Cerebellum
	0.941863914	Brain_Cerebellum	1	1	0.07292737	0.07292737
	NA	1	0	0.998207054		0.07292737
RP11-565N2.2	ENSG00000259815.1	0.94195735	1	1	0.94195735	
	Brain_Caudate_basal_ganglia	0.94195735	Brain_Caudate_basal_ganglia	1	1	1
	0.072809953	0.072809953	0.072809953	NA	1	0
	0.998207054					
LLNLR-249E10.1	ENSG00000268673.3	0.942003234	7	1	0.703717484	
	Brain_Cerebellar_Hemisphere	0.979278192	Brain_Anterior_cingulate_cortex_BA24			
	6.697692891	0.003307746	6.697692891	-0.380307075	0.343066198	
	-0.066035331	0.285280177	1	0	0.998207054	
ZNF491	ENSG00000177599.12	0.942055667	3	3	0.574250424	
	Brain_Cerebellum	0.907300116	Brain_Anterior_cingulate_cortex_BA24	1.27888567		
	0.664796871	0.664796871	-0.561802742	-0.116444693	-0.355825677	
	0.224550249	3	0	0.998207054		
TSPAN18	ENSG00000157570.11	0.942200844	4	3	0.699098556	
	Brain_Anterior_cingulate_cortex_BA24	0.760537387	Brain_Cerebellum			
	1.998964013	0.015524399	0.985627832	-0.386537608	0.320719913	
	-0.020302409	0.385581261	3	0	0.998207054	
TSSC4	ENSG00000184281.14	0.94222001	1	1	0.94222001	Brain_Hippocampus
	0.94222001	Brain_Hippocampus	1	1	1	0.072479889
	0.072479889	NA	1	0	0.998207054	0.072479889
MKNK1	ENSG00000079277.19	0.942346043	4	4	0.668033798	
	Brain_Frontal_Cortex_BA9	0.930557559	Brain_Cerebellum	2.722181906		
	0.147045272	0.147045272	-0.428848064	0.270665512	-0.095400043	
	0.329043005	4	0	0.998207054		
TCAP	ENSG00000173991.5	0.942417744	1	1	0.942417744	
	Brain_Cerebellar_Hemisphere	0.942417744	Brain_Cerebellar_Hemisphere	1	1	
	1	0.072231416	0.072231416	0.072231416	NA	1
	0.998207054					0
ATAD1	ENSG00000138138.13	0.942434908	1	1	0.942434908	
	Brain_Anterior_cingulate_cortex_BA24	0.942434908				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.072209848	
	-0.072209848	-0.072209848	NA	1	0	0.998207054
LINC00471	ENSG00000181798.2	0.94244482	11	5	0.304807494	
	Brain_Frontal_Cortex_BA9	0.779644951	Brain_Spinal_cord_cervical_c-1			
	8.40266993	0.000596111	0.287655106	0.279781754	1.026178415	
	0.574557867	0.273009071	5	0	0.998207054	
PRRT1	ENSG00000204314.10	0.94255733	1	1	0.94255733	Brain_Hippocampus
	0.94255733	Brain_Hippocampus	1	1	1	0.072056015
	0.072056015	NA	1	0	0.998207054	0.072056015
SALL4	ENSG00000101115.12	0.942632082	1	1	0.942632082	Brain_Cerebellum
	0.942632082	Brain_Cerebellum	1	1	1	-0.071962084
	-0.071962084	NA	1	0	0.998207054	-0.071962084
PARVG	ENSG00000138964.16	0.94263238	1	1	0.94263238	Brain_Frontal_Cortex_BA9
	0.94263238	Brain_Frontal_Cortex_BA9	1	1	1	0.071961709
	0.071961709	0.071961709	NA	1	0	0.998207054

LYPLA1	ENSG00000120992.17	0.942724166	1	1	0.942724166				
	Brain_Cortex	0.942724166	Brain_Cortex	1	1	1	-0.071846375		
	-0.071846375	-0.071846375	NA	1	0	0.998207054			
SH3PXD2B	ENSG00000174705.12	0.94273847	4	3	0.6017095	Brain_Cortex			
	0.976522824	Brain_Spinal_cord_cervical_c-1			3.022562574	0.092021147			
	0.240218925	-0.521943744	0.085245236		-0.134853773	0.266575217			
	3	0	0.998207054						
ARHGAP44	ENSG00000006740.16	0.942792703	5	5	0.545535206				
	Brain_Cortex	0.98207242	Brain_Cerebellum	3.07361404	0.107703541				
	0.107703541	-0.604463986	0.384379459		-0.016060741	0.368850379			
	5	0	0.998207054						
MRPS10	ENSG00000048544.5	0.942818536	10	2	0.542155284				
	Brain_Frontal_Cortex_BA9	0.936423196	Brain_Putamen_basal_ganglia						
	7.616057144	0.001238949	2.097689779		-0.59615444	0.609557029			
	0.273998551	0.356927468	2	0	0.998207054				
NTN5	ENSG00000142233.11	0.942865362	12	7	0.479626067				
	Brain_Spinal_cord_cervical_c-1	0.998042159	Brain_Substantia_nigra						
	7.091057082	2.47E-17	0.422181473		-0.706904114	0.570871089			
	-0.136256879	0.454824387	7	0	0.998207054				
CENPH	ENSG00000153044.9	0.942885547	6	4	0.561101649				
	Brain_Frontal_Cortex_BA9	0.990690203	Brain_Nucleus_accumbens_basal_ganglia						
	4.361708649	0.037172173	0.279514843		-0.581205963	0.579708595			
	0.160741766	0.417166653	4	0	0.998207054				
CACNA1H	ENSG00000196557.12	0.94289884	1	1	0.94289884				
	Brain_Putamen_basal_ganglia	0.94289884	Brain_Putamen_basal_ganglia	1	1	1			
	0.07162689	0.07162689	0.07162689	NA	1	0	0.998207054		
THBS1	ENSG00000137801.10	0.943168004	1	1	0.943168004				
	Brain_Anterior_cingulate_cortex_BA24	0.943168004							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.071288681				
	0.071288681	0.071288681	NA	1	0	0.998207054			
OR2L13	ENSG00000196071.4	0.943171103	13	5	0.467838366				
	Brain_Putamen_basal_ganglia	0.947903721	Brain_Cerebellar_Hemisphere						
	9.445061984	0.022996069	0.372894098		-0.305855866	0.72600066			
	0.241144785	0.280631726	5	0	0.998207054				
FAM131C	ENSG00000185519.8	0.943183536	13	8	0.431317821				
	Brain_Hypothalamus	0.996566768	Brain_Hippocampus	6.21224431	2.79E-05				
	0.335843085	-0.786938581	0.679273336		0.029745288	0.510269073			
	8	0	0.998207054						
STX16	ENSG00000124222.22	0.943265989	1	1	0.943265989				
	Brain_Frontal_Cortex_BA9	0.943265989	Brain_Frontal_Cortex_BA9	1	1				
	1	-0.071165562	-0.071165562	-0.071165562	NA	1	0		
	0.998207054								
CCBE1	ENSG00000183287.13	0.943284362	6	5	0.390628086	Brain_Amygdala			
	0.877650241	Brain_Caudate_basal_ganglia	3.686279747		0.046429576				
	0.133644739	-0.309623705	0.858478882		0.399638708	0.421432062			
	5	0	0.998207054						
CLRN1	ENSG00000163646.10	0.943304298	1	1	0.943304298				
	Brain_Spinal_cord_cervical_c-1	0.943304298	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.071117427	0.071117427	0.071117427	NA	1	0
	0.998207054								
ANKRD18B	ENSG00000230453.9	0.943323263	4	3	0.706778034				
	Brain_Nucleus_accumbens_basal_ganglia	0.906035649	Brain_Frontal_Cortex_BA9						
	3.298944683	0.08696915	0.217800137		-0.376186792	0.118040397			
	-0.149129281	0.203551031	3	0	0.998207054				
ST6GALNAC2	ENSG00000070731.10	0.94340558	3	3	0.56418794				
	Brain_Caudate_basal_ganglia	0.831174006	Brain_Frontal_Cortex_BA9						
	1.900028211	0.146620287	0.146620287		0.213196105	0.576632203			
	0.393572895	0.181732898	3	0	0.998207054				
FAM89A	ENSG00000182118.7	0.943532129	12	8	0.234420552				
	Brain_Hypothalamus	0.956883923	Brain_Frontal_Cortex_BA9	7.800492869					
	0.013482671	0.313398639	-0.300711441	1.189048577	0.265959702				
	0.383668826	8	0	0.998207054					

ZNF718	ENSG00000250312.6	0.943727048	13	1	0.524889925				
	Brain_Spinal_cord_cervical_c-1	0.996635182				Brain_Substantia_nigra			
	12.44857998	0.000851387	12.44857998		-0.246136588	0.635825868			
	-0.062867499	0.232166533	1	0	0.998207054				
TRPV2	ENSG00000187688.14	0.943771248	12	12	0.071909649				
	Brain_Substantia_nigra	0.952568334				Brain_Hypothalamus	3.660613149		
	0.163217886	0.163217886	-0.716616844		1.799689699	-0.039834061			
	0.71809173	0	0.998207054						
BST1	ENSG00000109743.10	0.943790119	1	1	0.943790119				
	Brain_Caudate_basal_ganglia	0.943790119				Brain_Caudate_basal_ganglia	1	1	
	1	0.070507012	0.070507012	0.070507012	NA	1	0		
	0.998207054								
RP11-242D8.1	ENSG00000267002.2	0.94381853	5	3	0.548429728				
	Brain_Hypothalamus	0.843768245				Brain_Hippocampus	3.060926829		
	0.013083771	0.243070545	0.197075769		0.600114803	0.398023615			
	0.196607635	3	0	0.998207054					
INSC	ENSG00000188487.11	0.943849117	2	2	0.846516737				
	0.876950316	Brain_Cerebellar_Hemisphere	1.472561298		0.527438702				
	0.527438702	-0.154836372	0.193564705		0.019364167	0.246356764			
	2	0	0.998207054						
LINC00426	ENSG00000238121.5	0.943989768	5	4	0.547190012				
	Brain_Putamen_basal_ganglia	0.800109591				Brain_Cortex	3.050366159		
	0.043143108	0.189443692	-0.601976151		0.415244337	-0.224179301			
	0.385070566	4	0	0.998207054					
SLC38A9	ENSG00000177058.11	0.944036365	5	4	0.503834952				
	Brain_Putamen_basal_ganglia	0.941415286				Brain_Cerebellar_Hemisphere			
	2.564608829	0.016592375	0.335732636		-0.446962189	0.668467921			
	-0.013119661	0.410960014	4	0	0.998207054				
LINC00570	ENSG00000224177.6	0.944096583	1	1	0.944096583				
	Brain_Caudate_basal_ganglia	0.944096583				Brain_Caudate_basal_ganglia	1	1	
	1	-0.070121966	-0.070121966	-0.070121966	NA	1	0		
	0.998207054								
KNTC1	ENSG00000184445.11	0.944130155	4	4	0.479120977				
	Brain_Cerebellar_Hemisphere	0.898354166				Brain_Anterior_cingulate_cortex_BA24			
	2.286428053	0.199998451	0.199998451		-0.320391655	0.707717067			
	0.207247042	0.426838631	4	0	0.998207054				
ARSJ	ENSG00000180801.13	0.944235291	6	6	0.357129851				
	Brain_Caudate_basal_ganglia	0.843945856				Brain_Spinal_cord_cervical_c-1			
	1.223212618	0.755721459	0.755721459		-0.920847883	0.646879771			
	0.027252383	0.602163569	6	0	0.998207054				
IRAK2	ENSG00000134070.4	0.944305931	5	5	0.509681897				
	Brain_Cerebellar_Hemisphere	0.914002301				Brain_Hypothalamus	1.838484779		
	0.468018091	0.468018091	-0.3116602		0.659333091	0.179640917			
	0.394849391	5	0	0.998207054					
KIF14	ENSG00000118193.11	0.944326471	2	2	0.848571341				
	0.979983135	Brain_Cerebellar_Hemisphere	1.781605148		0.218394852				
	0.218394852	-0.190941608	0.025090052		-0.082925778	0.152757452			
	2	0	0.998207054						
PIGX	ENSG00000163964.14	0.944372321	12	4	0.296671284				
	Brain_Caudate_basal_ganglia	0.934020148				Brain_Anterior_cingulate_cortex_BA24			
	8.974287768	0.006885331	0.374282513		-1.04359829	-0.082787954			
	-0.407054261	0.269107389	4	0	0.998207054				
BBIP1	ENSG00000214413.7	0.944378319	1	1	0.944378319				
	Brain_Hippocampus	0.944378319				Brain_Hippocampus	1	1	1
	-0.069767998	-0.069767998	-0.069767998	NA	1	0	0.998207054		
RP11-61G23.2	ENSG00000253321.1	0.944495239	1	1	0.944495239				
	Brain_Frontal_Cortex_BA9	0.944495239				Brain_Frontal_Cortex_BA9	1	1	
	1	-0.069621104	-0.069621104	-0.069621104	NA	1	0		
	0.998207054								
KIAA1522	ENSG00000162522.10	0.944517811	1	1	0.944517811				
	Brain_Frontal_Cortex_BA9	0.944517811				Brain_Frontal_Cortex_BA9	1	1	
	1	-0.069592745	-0.069592745	-0.069592745	NA	1	0		

0.998207054
SH2D4A ENSG00000104611.11 0.94451837 2 2 0.737593939
Brain_Putamen_basal_ganglia 0.948769857 Brain_Cerebellum 1.061659403
0.938340597 0.938340597 -0.335041291 0.064251643 -0.135394824
0.282342741 2 0 0.998207054
ZMYND19 ENSG00000165724.5 0.944591853 1 1 0.944591853
Brain_Cortex 0.944591853 Brain_Cortex 1 1 1 0.069499724
0.069499724 0.069499724 NA 1 0 0.998207054
RP11-104O19.4 ENSG00000274363.1 0.944620649 3 3 0.567250166
Brain_Nucleus_accumbens_basal_ganglia 0.95865724 Brain_Cortex 1.991351763
0.309761674 0.309761674 0.051838673 0.572105997 0.363560706
0.275051999 3 0 0.998207054
RAB29 ENSG00000117280.12 0.944698539 11 7 0.211099306
Brain_Anterior_cingulate_cortex_BA24 0.923056093 Brain_Hippocampus
7.564199831 0.018237658 0.253822821 -1.250548346 -0.096584844
-0.859273096 0.317983922 7 0 0.998207054
FURIN ENSG00000140564.11 0.944742794 2 2 0.74116417
Brain_Frontal_Cortex_BA9 0.900323422 Brain_Nucleus_accumbens_basal_ganglia
1.177588556 0.822411444 0.822411444 -0.330312075 -0.125252795
-0.227782435 0.144998808 2 0 0.998207054
BRINP2 ENSG00000198797.6 0.944821032 1 1 0.944821032
Brain_Frontal_Cortex_BA9 0.944821032 Brain_Frontal_Cortex_BA9 1 1
1 -0.069211798 -0.069211798 -0.069211798 NA 1 0
0.998207054
HSD17B3 ENSG00000130948.9 0.944877565 1 1 0.944877565
Brain_Cerebellar_Hemisphere 0.944877565 Brain_Cerebellar_Hemisphere 1 1
1 0.069140774 0.069140774 0.069140774 NA 1 0
0.998207054
CPXM1 ENSG00000088882.7 0.945003628 1 1 0.945003628 Brain_Cortex
0.945003628 Brain_Cortex 1 1 1 -0.068982401 -0.068982401
-0.068982401 NA 1 0 0.998207054
EML1 ENSG00000066629.16 0.945064312 1 1 0.945064312
Brain_Cerebellar_Hemisphere 0.945064312 Brain_Cerebellar_Hemisphere 1 1
1 -0.068906165 -0.068906165 -0.068906165 NA 1 0
0.998207054
CLMN ENSG00000165959.11 0.945148539 2 2 0.795286963
Brain_Hippocampus 0.852423887 Brain_Putamen_basal_ganglia 1.101041688
0.898958312 0.898958312 -0.259451417 -0.186026619 -0.222739018
0.051919172 2 0 0.998207054
PNPLA8 ENSG00000135241.16 0.945158622 1 1 0.945158622
Brain_Anterior_cingulate_cortex_BA24 0.945158622
Brain_Anterior_cingulate_cortex_BA24 1 1 1 -0.068787683
-0.068787683 -0.068787683 NA 1 0 0.998207054
GDE1 ENSG0000006007.11 0.945274722 3 3 0.582801279 Brain_Cerebellum
0.925592248 Brain_Hypothalamus 1.91875106 0.078772297 0.078772297
-0.549297534 -0.093391871 -0.346965876 0.23223227 3 0
0.998207054
MXI1 ENSG00000119950.20 0.945364229 4 4 0.711773796
Brain_Cerebellar_Hemisphere 0.984835618 Brain_Cortex 3.085413657
0.16606354 0.16606354 -0.369474876 0.274588198 -0.068015832
0.278241494 4 0 0.998207054
FAM198B ENSG00000164125.15 0.945377271 6 5 0.393532459
Brain_Hippocampus 0.896421023 Brain_Anterior_cingulate_cortex_BA24
2.504348855 0.023315528 0.479487894 -0.441233547 0.853228757
0.16299494 0.492269553 5 0 0.998207054
FNDC7 ENSG00000143107.8 0.945378472 5 4 0.693357057
Brain_Caudate_basal_ganglia 0.951921345 Brain_Nucleus_accumbens_basal_ganglia
3.409674807 0.098290517 0.260162698 -0.394303395 0.291745561
0.073921217 0.277090991 4 0 0.998207054
CAB39L ENSG00000102547.18 0.945381987 9 8 0.307969376
Brain_Cortex 0.989718079 Brain_Cerebellar_Hemisphere 3.718393582
0.008212706 0.26075128 -1.019492155 0.729394486 -0.179558384

	0.561878848	8	0	0.998207054					
ANKRD36	ENSG00000135976.17			0.945392512	11	5	0.232618213		
	Brain_Hippocampus		0.899710859		Brain_Amygdala		7.374445928		
	0.003445312	0.471263051		0.126026612		1.193641552		0.580417181	
	0.292386791	5	0	0.998207054					
PARP12	ENSG00000059378.12			0.94540363	3	3	0.596411241		
	Brain_Nucleus_accumbens_basal_ganglia		0.883884873		Brain_Cortex				
	1.759792179	0.567690991		0.567690991		-0.529568353		-0.146046256	
	-0.364730686	0.197349703		3	0	0.998207054			
FPR1	ENSG00000171051.8			0.945428015	5	5	0.3778476		
	Brain_Caudate_basal_ganglia		0.916532165		Brain_Amygdala		1.196505525		
	0.794117522	0.794117522		-0.881869098		0.322837491		-0.140962159	
	0.517329082	5	0	0.998207054					
CNIH3	ENSG00000143786.7			0.945479586	1	1	0.945479586		
	Brain_Spinal_cord_cervical_c-1		0.945479586		Brain_Spinal_cord_cervical_c-1				
	1	1	1	0.068384467		0.068384467		0.068384467	NA 1 0
	0.998207054								
CTA-384D8.33	ENSG00000272940.1			0.945679337	3	3	0.596368858		
	Brain_Putamen_basal_ganglia		0.865430604		Brain_Frontal_Cortex_BA9				
	1.278188096	0.72766837	0.72766837	0.169465376		0.52962947		0.322182164	
	0.18621524	3	0	0.998207054					
FAM204A	ENSG00000165669.13			0.945680743	1	1	0.945680743		
	Brain_Cerebellar_Hemisphere		0.945680743		Brain_Cerebellar_Hemisphere	1	1		
	1	-0.068131766	-0.068131766	-0.068131766		NA	1	0	
	0.998207054								
CPVL	ENSG00000106066.14			0.945691647	11	7	0.2751993		
	Brain_Caudate_basal_ganglia		0.933265907		Brain_Putamen_basal_ganglia				
	6.361503549	0.049479158		0.33711337		-0.752299602		1.091167239	
	-0.063885784	0.56433183	7	0	0.998207054				
STOX1	ENSG00000165730.14			0.945696071	5	5	0.600219682		
	Brain_Nucleus_accumbens_basal_ganglia		0.958333892		Brain_Cerebellar_Hemisphere				
	2.760728463	0.097076077		0.097076077		-0.524084625		0.330120995	
	-0.088050728	0.326487196		5	0	0.998207054			
B4GALT4	ENSG00000121578.12			0.945791506	1	1	0.945791506		
	Brain_Substantia_nigra		0.945791506		Brain_Substantia_nigra	1	1		
	1	-0.067992624	-0.067992624	-0.067992624		NA	1	0	
	0.998207054								
SMPD1	ENSG00000166311.9			0.945855068	2	2	0.755993682		
	Brain_Cerebellar_Hemisphere		0.90186593		Brain_Cerebellum		1.682600176		
	0.317399824	0.317399824		0.12330456		0.310746056		0.217025308	
	0.132541153	2	0	0.998207054					
MAP1S	ENSG00000130479.10			0.945928129	1	1	0.945928129		Brain_Cerebellum
	0.945928129	Brain_Cerebellum	1	1	1	0.067820997		0.067820997	
	0.067820997	NA	1	0	0.998207054				
RP11-6L6.2	ENSG00000250673.2			0.945959532	10	4	0.436569643		
	Brain_Spinal_cord_cervical_c-1		0.91746079		Brain_Frontal_Cortex_BA9				
	7.483144349	0.005369861		0.333221855		-0.103632758		0.777998933	
	0.344747078	0.239083272		4	0	0.998207054			
XRCC1	ENSG00000073050.11			0.946026801	12	5	0.175062315		
	Brain_Hippocampus		0.888177153		Brain_Hypothalamus		8.850731464		
	0.000799454	0.343603642		0.140611133		1.356115836		0.532256682	
	0.385075275	5	0	0.998207054					
RASGRF2	ENSG00000113319.12			0.94603239	1	1	0.94603239		
	Brain_Cerebellar_Hemisphere		0.94603239		Brain_Cerebellar_Hemisphere	1	1	1	
	-0.067690025	-0.067690025		-0.067690025		NA	1	0	0.998207054
RP11-1134I14.8	ENSG00000255366.1			0.946117984	2	2	0.750773304		
	Brain_Spinal_cord_cervical_c-1		0.981740857		Brain_Cerebellar_Hemisphere				
	1.232523039	0.767476961		0.767476961		-0.02288644		0.317619865	
	0.147366713	0.240774317		2	0	0.998207054			
NRGN	ENSG00000154146.12			0.946325328	2	2	0.751763606		
	Brain_Hypothalamus		0.966644881		Brain_Cerebellum		1.182967383		
	0.817032617	0.817032617		-0.316314763		0.041816626		-0.137249069	

	0.253237134	2	0	0.998207054					
SMIM10L1	ENSG00000256537.4			0.946430728	10	4	0.577712324		
	Brain_Cerebellum	0.975149342		Brain_Amygdala	6.702302889		0.014957724		
	0.270107216	-0.556729404		0.377314558	-0.093398088		0.339916153		
	4	0		0.998207054					
GRSF1	ENSG00000132463.13			0.946445302	1	1	0.946445302		
	Brain_Nucleus_accumbens_basal_ganglia	0.946445302							
	Brain_Nucleus_accumbens_basal_ganglia	1		1	1		-0.067171338		
	-0.067171338	-0.067171338		NA	1	0	0.998207054		
MMP10	ENSG00000166670.9			0.946458049	1	1	0.946458049		
	Brain_Substantia_nigra	0.946458049		Brain_Substantia_nigra	1	1			
	1	-0.067155327		-0.067155327	-0.067155327		NA	1	0
	0.998207054								
TSPAN32	ENSG00000064201.15			0.946693382	4	4	0.485691961		
	Brain_Spinal_cord_cervical_c-1	0.927451595		Brain_Substantia_nigra					
	1.415297564	0.582327024		0.582327024	-0.106956478		0.697177112		
	0.257157696	0.347334445		4	0		0.998207054		
TRPT1	ENSG00000149743.13			0.946749902	13	3	0.224002918		Brain_Cerebellum
	0.995503075	Brain_Hippocampus		10.58668007	0.000449131				
	0.657032213	-1.215952761		0.191792438	-0.261006022		0.426108154		
	3	0		0.998207054					
RP11-554I8.1	ENSG00000225948.2			0.946806495	1	1	0.946806495		
	Brain_Amygdala	0.946806495		Brain_Amygdala	1	1	1		0.066717635
	0.066717635	0.066717635		NA	1	0	0.998207054		
EFNA1	ENSG00000169242.11			0.946820475	4	4	0.415337552		
	Brain_Caudate_basal_ganglia	0.874728321		Brain_Hippocampus	1.662245532				
	0.335594112	0.335594112		-0.814536707	0.242656397		-0.296100063		
	0.448481937	4		0	0.998207054				
SIMC1	ENSG00000170085.17			0.946839185	4	3	0.414610752		
	Brain_Caudate_basal_ganglia	0.867046037		Brain_Hypothalamus	2.503214926				
	0.039212465	0.45753645		0.167411805	0.815806611		0.372359543		
	0.299469509	3		0	0.998207054				
TIMM21	ENSG00000075336.11			0.946925896	3	3	0.671571704		
	Brain_Putamen_basal_ganglia	0.853873063		Brain_Nucleus_accumbens_basal_ganglia					
	1.425682499	0.569514975		0.569514975	-0.423991923		0.194291445		
	-0.015173839	0.354082949		3	0		0.998207054		
SYS1	ENSG00000204070.9			0.947067771	4	4	0.442223419		
	Brain_Anterior_cingulate_cortex_BA24	0.922311766		Brain_Amygdala					
	2.974215861	0.135357319		0.135357319	0.097522123		0.768444049		
	0.422388136	0.276561224		4	0		0.998207054		
EIF4H	ENSG00000106682.14			0.947308833	1	1	0.947308833		
	Brain_Hippocampus	0.947308833		Brain_Hippocampus	1	1	1		
	-0.066086658	-0.066086658		-0.066086658	NA	1	0		0.998207054
TRNT1	ENSG00000072756.16			0.947335845	7	5	0.336234384		
	Brain_Hippocampus	0.906786333		Brain_Anterior_cingulate_cortex_BA24					
	5.464236922	0.015958014		0.207585462	0.11709303		0.961632213		
	0.477732784	0.296540677		5	0		0.998207054		
TMX1	ENSG00000139921.12			0.947345214	3	3	0.673061486		
	Brain_Substantia_nigra	0.821891286		Brain_Nucleus_accumbens_basal_ganglia					
	1.487174271	0.556295625		0.556295625	-0.421950037		0.331755703		
	0.044972924	0.407867564		3	0		0.998207054		
KCNJ8	ENSG00000121361.3			0.947399572	1	1	0.947399572		
	Brain_Caudate_basal_ganglia	0.947399572		Brain_Caudate_basal_ganglia	1	1			
	1	-0.065972686		-0.065972686	-0.065972686		NA	1	0
	0.998207054								
SLC25A26	ENSG00000144741.17			0.947417105	12	2	0.528031354		
	Brain_Hippocampus	0.958170045		Brain_Anterior_cingulate_cortex_BA24					
	10.38032946	1.57E-06		0.498947992	-0.631014025		0.184804492		
	-0.302545267	0.220592699		2	0		0.998207054		
SELENOK	ENSG00000113811.10			0.947554687	2	2	0.823831681		
	Brain_Spinal_cord_cervical_c-1	0.937038932		Brain_Cerebellum	1.550043325				
	0.449956675	0.449956675		-0.078992068	0.222619471		0.071813702		

	0.213271564	2	0	0.998207054								
PASK	ENSG00000115687.13			0.947558924	10	7	0.237812784		Brain_Cortex			
	0.912135883		Brain_Cerebellar_Hemisphere	6.780936508			0.085687446					
	0.244345294		-0.840164038	1.180471388			0.147581663		0.544595712			
	7	0	0.998207054									
MAD2L2	ENSG00000116670.14			0.947718508	1	1	0.947718508					
	Brain_Cerebellum	0.947718508		Brain_Cerebellum	1	1	1		0.065572093			
	0.065572093		0.065572093	NA	1	0	0.998207054					
PLEKHM2	ENSG00000116786.11			0.94772447	2	2	0.761981351		Brain_Cerebellum			
	0.827272977		Brain_Cerebellar_Hemisphere	1.900235924			0.099764076					
	0.099764076		-0.30287995	-0.218200395			-0.260540173		0.059877488			
	2	0	0.998207054									
NCAPG2	ENSG00000146918.19			0.947922723	8	5	0.499447757					
	Brain_Cortex	0.901725611		Brain_Amygdala	5.922142062		0.000337265					
	0.215570187		-0.339681219	0.675358922			0.224332423		0.283659087			
	5	0	0.998207054									
CLTB	ENSG00000175416.12			0.947981798	1	1	0.947981798					
	Brain_Spinal_cord_cervical_c-1	0.947981798		Brain_Spinal_cord_cervical_c-1								
	1	1	1	0.065241401			0.065241401		NA	1	0	
	0.998207054											
TSTD2	ENSG00000136925.14			0.947998014	2	2	0.744770527		Brain_Cerebellum			
	0.870602383		Brain_Caudate_basal_ganglia	1.420173744			0.579826256					
	0.579826256		0.162893381	0.325542494			0.244217937		0.115010291			
	2	0	0.998207054									
ZNF181	ENSG00000197841.14			0.948008868	13	2	0.354984444					
	Brain_Anterior_cingulate_cortex_BA24	0.913239558										
	Brain_Nucleus_accumbens_basal_ganglia	11.88967064					0.000203571					
	0.457540652		0.108953265	0.924964365			0.268338358		0.2175553		2	
	0		0.998207054									
USP17L7	ENSG00000226430.6			0.948077556	1	1	0.948077556					
	Brain_Cerebellum	0.948077556		Brain_Cerebellum	1	1	1		0.065121131			
	0.065121131		0.065121131	NA	1	0	0.998207054					
BMP1	ENSG00000168487.17			0.948106844	2	2	0.773440727					
	Brain_Cerebellar_Hemisphere	0.900280547		Brain_Cerebellum	1.097000986							
	0.902999014		0.902999014	-0.125306955			0.287877217		0.081285131			
	0.292165329		2	0	0.998207054							
SYBU	ENSG00000147642.16			0.94815313	2	2	0.926450842		Brain_Cerebellum			
	0.939806595		Brain_Cerebellar_Hemisphere	1.867649741			0.132350259					
	0.132350259		-0.092311134	0.07551295			-0.008399092		0.118669548		2	
	0		0.998207054									
LINC00871	ENSG00000258700.5			0.948202581	2	2	0.771830937					
	Brain_Nucleus_accumbens_basal_ganglia	0.858924942		Brain_Caudate_basal_ganglia								
	1.868304854		0.131695146	0.131695146			-0.289980786		-0.177742836			
	-0.233861811		0.079364216	2	0	0.998207054						
TMEM41B	ENSG00000166471.10			0.948230004	2	2	0.803800545					
	Brain_Putamen_basal_ganglia	0.827813249		Brain_Anterior_cingulate_cortex_BA24								
	1.025738397		0.974261603	0.974261603			-0.217507005		0.248431524			
	0.01546226		0.329468293	2	0	0.998207054						
MORN2	ENSG00000188010.12			0.948251592	2	2	0.74541055					
	Brain_Spinal_cord_cervical_c-1	0.941571479										
	Brain_Anterior_cingulate_cortex_BA24	1.137167566					0.862832434					
	0.862832434		-0.324696809	-0.073294863			-0.198995836		0.177768021			
	2	0	0.998207054									
LINC01606	ENSG00000253301.5			0.948289879	1	1	0.948289879					
	Brain_Cerebellum	0.948289879		Brain_Cerebellum	1	1	1		-0.064854461			
	-0.064854461		-0.064854461	NA	1	0	0.998207054					
YPEL5	ENSG00000119801.12			0.948361172	1	1	0.948361172					
	Brain_Substantia_nigra	0.948361172		Brain_Substantia_nigra	1	1						
	1		-0.06476492	-0.06476492			-0.06476492		NA	1	0	
	0.998207054											
PIP5K1B	ENSG00000107242.17			0.94842259	1	1	0.94842259					
	Brain_Frontal_Cortex_BA9	0.94842259		Brain_Frontal_Cortex_BA9	1	1	1					

	0.064687784	0.064687784	0.064687784	NA	1	0	0.998207054
DHX35	ENSG00000101452.14	0.94846691	3	3	0.555090903		
	Brain_Spinal_cord_cervical_c-1	0.729850333			Brain_Cortex		2.324064232
	0.139261596	0.139261596	0.345324629	0.590148788			0.468596581
	0.122421139	3	0	0.998207054			
STARD6	ENSG00000174448.8	0.94862349	7	5	0.664292684		
	Brain_Nucleus_accumbens_basal_ganglia	0.998462127			Brain_Amygdala		
	4.934663365	0.032783364	0.257121395	-0.433994158			0.396456767
	-0.026079328	0.296466942	5	0	0.998207054		
RP11-5407.3	ENSG00000223764.2	0.94867914	1	1	0.94867914		
	Brain_Cerebellar_Hemisphere	0.94867914	Brain_Cerebellar_Hemisphere	1	1	1	1
	0.064365576	0.064365576	0.064365576	NA	1	0	0.998207054
WTIP	ENSG00000142279.12	0.94874147	1	1	0.94874147		
	Brain_Nucleus_accumbens_basal_ganglia	0.94874147					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.064287295		
	-0.064287295	-0.064287295	NA	1	0	0.998207054	
PRPF18	ENSG00000165630.13	0.948840054	1	1	0.948840054		
	Brain_Cerebellar_Hemisphere	0.948840054	Brain_Cerebellar_Hemisphere	1	1		
	1	0.064163482	0.064163482	0.064163482	NA	1	0
	0.998207054						
CCDC158	ENSG00000163749.17	0.948888147	7	6	0.223402284		
	Brain_Cortex	0.877653844	Brain_Nucleus_accumbens_basal_ganglia				
	3.459331523	0.034031766	0.127269468	-1.217530909	-0.153944059		
	-0.646382552	0.39987765	6	0	0.998207054		
CCDC27	ENSG00000162592.9	0.949170682	1	1	0.949170682		
	Brain_Cerebellum	0.949170682	Brain_Cerebellum	1	1	1	0.063748254
	0.063748254	0.063748254	NA	1	0	0.998207054	
NAGS	ENSG00000161653.10	0.949441974	10	4	0.544145524		
	Brain_Frontal_Cortex_BA9	0.975434368	Brain_Spinal_cord_cervical_c-1				
	7.985689457	0.026827181	0.353115629	-0.606556127	0.524970341		
	-0.001865935	0.338874181	4	0	0.998207054		
ANP32A	ENSG00000140350.15	0.949476686	2	2	0.773008621		
	Brain_Cortex	0.832014008	Brain_Hippocampus		1.255620745		
	0.744379255	0.744379255	0.212119242	0.288441739	0.250280491		
	0.053968155	2	0	0.998207054			
MSTN	ENSG00000138379.4	0.94949134	2	2	0.81014359	Brain_Cerebellar_Hemisphere	
	0.996720153	Brain_Cerebellum	1.656158504	0.343841496	0.343841496		
	-0.00411069	0.240240795	0.118065053	0.172782592	2	0	
	0.998207054						
CD27	ENSG00000139193.3	0.949514772	2	2	0.790714919		
	Brain_Cerebellar_Hemisphere	0.859064002	Brain_Cortex		1.017192839		
	0.982807161	0.982807161	-0.177565779	0.265382366	0.043908294		
	0.313211637	2	0	0.998207054			
LINC00858	ENSG00000229404.5	0.949536135	1	1	0.949536135		
	Brain_Cerebellum	0.949536135	Brain_Cerebellum	1	1	1	-0.063289301
	-0.063289301	-0.063289301	NA	1	0	0.998207054	
FAM107A	ENSG00000168309.16	0.949536441	1	1	0.949536441		
	Brain_Nucleus_accumbens_basal_ganglia	0.949536441					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.063288917		
	-0.063288917	-0.063288917	NA	1	0	0.998207054	
CNTNAP1	ENSG00000108797.11	0.949544175	1	1	0.949544175		
	Brain_Substantia_nigra	0.949544175	Brain_Substantia_nigra		1	1	
	1	0.063279205	0.063279205	0.063279205	NA	1	0
	0.998207054						
CD9	ENSG0000010278.12	0.949600029	3	3	0.552711972		
	Brain_Cerebellar_Hemisphere	0.979946119	Brain_Hippocampus		1.160390233		
	0.881131207	0.881131207	-0.593701213	-0.025136459	-0.238189552		
	0.309898858	3	0	0.998207054			
LRRC1	ENSG00000137269.14	0.949621126	9	6	0.339285454		
	Brain_Caudate_basal_ganglia	0.979189267	Brain_Hippocampus		5.923366918		
	0.021864104	0.207760912	-0.955438917	0.955578053	0.366491116		
	0.567746093	6	0	0.998207054			

STARD4	ENSG00000164211.12	0.949831084	3	3	0.565157636			
	Brain_Cerebellum	0.870234266			Brain_Caudate_basal_ganglia	1.302469826		
	0.736506223	0.736506223			-0.575197643	0.163360926		-0.221709496
	0.370290791	3	0	0.998207054				
RP13-735L24.1	ENSG00000260423.1	0.949872236			8	5	0.383053918	
	Brain_Spinal_cord_cervical_c-1	0.860430475					Brain_Cerebellum	5.53997364
	0.064418909	0.216125003			0.175826214		0.872283167	0.517113639
	0.234469385	5	0	0.998207054				
ZNF410	ENSG00000119725.18	0.949979697	3	2	0.775599018			
	Brain_Cerebellum	0.795019431			Brain_Cerebellar_Hemisphere	2.30024895		
	0.072039587	0.627711463			-0.285058899	-0.259798211		-0.272315155
	0.012631871	2	0	0.998207054				
DDIAS	ENSG00000165490.12	0.950039536	2	2	0.78531997		Brain_Cerebellum	
	0.982001214	Brain_Frontal_Cortex_BA9	1.584137179		0.415862821			
	0.415862821	-0.272392849			-0.022560046	-0.147476448		0.176658469
	2	0	0.998207054					
PCDHB13	ENSG00000187372.11	0.950040307	1	1	0.950040307			
	Brain_Substantia_nigra	0.950040307			Brain_Substantia_nigra	1	1	
	1	0.062656162	0.062656162	0.062656162	NA	1	0	
	0.998207054							
MRPL39	ENSG00000154719.13	0.950201013	6	2	0.732608602			
	Brain_Anterior_cingulate_cortex_BA24	0.891783148			Brain_Amygdala			
	5.224396285	0.017835209	0.431908122		-0.341657576	0.136048237		
	-0.183827632	0.175610805	2	0	0.998207054			
GVQW2	ENSG00000279968.1	0.950264951	3	3	0.63855795			
	Brain_Caudate_basal_ganglia	0.885713765			Brain_Cerebellar_Hemisphere			
	2.561386688	0.159957972	0.159957972		0.143729894	0.46971598		
	0.297394731	0.163791875	3	0	0.998207054			
HGH1	ENSG00000235173.6	0.950384697	2	2	0.752495256			
	Brain_Putamen_basal_ganglia	0.971873722			Brain_Spinal_cord_cervical_c-1			
	1.041153898	0.958846102	0.958846102		0.035258365	0.315350881		
	0.175304623	0.198055318	2	0	0.998207054			
CLVS1	ENSG00000177182.10	0.950394418	2	2	0.818516007		Brain_Cerebellum	
	0.897949752	Brain_Cerebellar_Hemisphere	1.925270323		0.074729677			
	0.074729677	0.128251745	0.229454081		0.178852913	0.071560858		
	2	0	0.998207054					
MRRF	ENSG00000148187.17	0.950401063	1	1	0.950401063		Brain_Cortex	
	0.950401063	Brain_Cortex	1	1	1	-0.062203138		-0.062203138
	-0.062203138	NA	1	0	0.998207054			
PTPN1	ENSG00000196396.9	0.950409184	5	4	0.533345935			
	Brain_Caudate_basal_ganglia	0.966488863			Brain_Spinal_cord_cervical_c-1			
	3.117316964	0.048572952	0.110561744		-0.622906548	0.042012337		
	-0.355659416	0.272180085	4	0	0.998207054			
MOB3C	ENSG00000142961.14	0.950417152	2	2	0.83507398		Brain_Cerebellum	
	0.97698309	Brain_Cerebellar_Hemisphere	1.695340777		0.304659223			
	0.304659223	-0.028851421	0.208198499		0.089673539	0.167619606		
	2	0	0.998207054					
SDR42E2	ENSG00000183921.7	0.950514653	2	2	0.782214314			
	Brain_Hippocampus	0.806279464			Brain_Nucleus_accumbens_basal_ganglia			
	1.350482701	0.649517299	0.649517299		0.245228559	0.276434562		
	0.260831561	0.022065976	2	0	0.998207054			
LMO1	ENSG00000166407.13	0.950569918	1	1	0.950569918		Brain_Cortex	
	0.950569918	Brain_Cortex	1	1	1	-0.061991102		-0.061991102
	-0.061991102	NA	1	0	0.998207054			
ACOX3	ENSG00000087008.15	0.950630281	7	6	0.470970355			
	Brain_Spinal_cord_cervical_c-1	0.999734169			Brain_Cortex	4.562493074		
	0.142802892	0.237566365	-0.129917541		0.720901117	0.238780524		
	0.317483479	6	0	0.998207054				
FAM207A	ENSG00000160256.12	0.950766225	4	4	0.50349758			
	Brain_Cerebellar_Hemisphere	0.884616144			Brain_Putamen_basal_ganglia			
	2.470595208	-0.098725458	0.098725458		-0.668996705	0.342771885		
	-0.257873158	0.459666654	4	0	0.998207054			

SDR9C7	ENSG00000170426.1	0.950787651	1	1	0.950787651	
	Brain_Anterior_cingulate_cortex_BA24	0.950787651				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.061717692	
	-0.061717692	-0.061717692	NA	1	0	0.998207054
ZDHHC4	ENSG00000136247.14	0.950922675	5	4	0.511496538	
	Brain_Frontal_Cortex_BA9	0.923671757				Brain_Cerebellum2.309795857
	0.071521463	0.543728347			-0.656509219	0.233172079
	0.386312717	4	0	0.998207054		-0.085555194
LINC00896	ENSG00000236499.2	0.950935312	1	1	0.950935312	
	Brain_Cortex	0.950935312				Brain_Cortex
	-0.061532275	-0.061532275	NA	1	0	0.998207054
ZSCAN30	ENSG00000186814.13	0.950948544	2	2	0.780541687	
	Brain_Cortex	0.951747312				Brain_Cerebellum1.301428782
	0.698571218	-0.278613193			0.060512687	-0.109050253
	0	0.998207054				0.23979821
PAXIP1	ENSG00000157212.18	0.951005096	1	1	0.951005096	
	Brain_Cerebellum	0.951005096				Brain_Cerebellum1
	0.061444647	0.061444647	NA	1	0	0.998207054
CILP2	ENSG00000160161.9	0.951201021	3	1	0.830036709	
	Brain_Putamen_basal_ganglia	0.874250622				Brain_Caudate_basal_ganglia
	2.917469102	0.023364134			2.917469102	-0.214654487
	-0.059993782	0.22084992	1	0	0.998207054	0.192934796
BCL9	ENSG00000116128.10	0.951273749	1	1	0.951273749	Brain_Cortex
	0.951273749	Brain_Cortex	1	1	1	0.061107308
	0.061107308	NA	1	0	0.998207054	0.061107308
MSR1	ENSG00000038945.14	0.951481064	3	3	0.664274804	
	Brain_Nucleus_accumbens_basal_ganglia	0.923987886				Brain_Cerebellar_Hemisphere
	1.3292088	0.715023385			0.715023385	-0.355660667
	-0.005684503	0.402413499	3	0	0.998207054	0.43401878
PLXDC1	ENSG00000161381.13	0.951552514	3	3	0.704795778	
	Brain_Nucleus_accumbens_basal_ganglia	0.752048822				Brain_Amygdala
	0.91884298	0.91884298	-0.338816608		0.378854682	1.07428784
	0.407903932	3	0	0.998207054		-0.09196697
KIAA0368	ENSG00000136813.14	0.951764361	2	2	0.867274585	
	Brain_Spinal_cord_cervical_c-1	0.878182765				Brain_Substantia_nigra
	1.480559413	0.519440587			0.519440587	-0.153273288
	0.00692402	0.226553205	2	0	0.998207054	0.167121328
ALDH3B1	ENSG00000006534.15	0.951886511	2	2	0.75610777	Brain_Amygdala
	0.937992655	Brain_Spinal_cord_cervical_c-1			1.388024151	0.611975849
	0.611975849	0.077793075			0.310595998	0.194194536
	2	0	0.998207054			0.164616526
ACSF2	ENSG00000167107.12	0.951896915	2	2	0.762087291	
	Brain_Nucleus_accumbens_basal_ganglia	0.875598532				Brain_Cerebellar_Hemisphere
	1.710752028	0.289247972			0.289247972	-0.156551242
	0.073094852	0.324768621	2	0	0.998207054	0.302740946
MPPE1	ENSG00000154889.16	0.951902201	13	13	0.174636614	
	Brain_Anterior_cingulate_cortex_BA24	0.961894985				Brain_Amygdala
	2.747954493	0.350892494			0.350892494	-0.736524043
	0.276051386	0.596487507	13	0	0.998207054	1.357455216
NPIPB4	ENSG00000185864.16	0.951979855	5	4	0.554049122	
	Brain_Cerebellum	0.893275787				Brain_Putamen_basal_ganglia
	0.064115051	0.646487909			-0.591703546	2.215087403
	0.372094311	4	0	0.998207054		0.319138013
COL5A3	ENSG00000080573.6	0.95199629	7	1	0.286242293	Brain_Amygdala
	0.989761446	Brain_Nucleus_accumbens_basal_ganglia			6.748548297	6.28E-05
	6.748548297	-1.066401258			0.261795972	-0.065167915
	1	0	0.998207054			0.462746923
CAPN14	ENSG00000214711.9	0.952105031	2	2	0.879520481	
	Brain_Cortex	0.968382469				Brain_Cerebellum
	0.193061062	-0.15157712			1.806938938	0.193061062
	2	0	0.998207054		-0.055970022	0.135208854
NDUFS1	ENSG00000023228.13	0.952289459	13	3	0.596924697	

	Brain_Nucleus_accumbens_basal_ganglia	0.990828828			Brain_Hippocampus	
	10.80287472	0.000304435	0.571842249		-0.528828108	0.520033483
	0.153057325	0.297509666	3	0	0.998207054	
CPB2	ENSG00000080618.13	0.952356007	1	1	0.952356007	
	Brain_Spinal_cord_cervical_c-1	0.952356007			Brain_Spinal_cord_cervical_c-1	
	1	1	-0.05974842	-0.05974842	-0.05974842	NA 1 0
	0.998207054					
HLA-DMA	ENSG00000204257.14	0.952510451	8	3	0.621744462	
	Brain_Cortex	0.987566958			Brain_Nucleus_accumbens_basal_ganglia	
	6.896279777	0.000462854	0.325398001		-0.478134268	0.493379504
	-0.126766732	0.322243538	3	0	0.998207054	
PIRT	ENSG00000233670.6	0.952560932	5	5	0.46356455	
	Brain_Caudate_basal_ganglia	0.88728235			Brain_Hippocampus	1.972465124
	0.432548433	0.432548433	-0.268684749		0.732989965	0.183716914
	0.399696583	5	0	0.998207054		
VSIR	ENSG00000107738.19	0.952791517	1	1	0.952791517	Brain_Cerebellum
	0.952791517	Brain_Cerebellum	1	1	-0.059201623	-0.059201623
	-0.059201623	NA	1	0	0.998207054	
DEF6	ENSG00000023892.10	0.952867099	4	3	0.739430811	
	Brain_Nucleus_accumbens_basal_ganglia	0.942342683			Brain_Caudate_basal_ganglia	
	3.050148924	0.026966068	0.249381525		-0.165996897	0.332607196
	0.047320249	0.218693871	3	0	0.998207054	
IQCJ-SCHIP1	ENSG00000283154.2	0.953207118	9	2	0.68630666	
	Brain_Spinal_cord_cervical_c-1	0.991963313			Brain_Hypothalamus	
	8.265758039	7.79E-05	0.481748531		-0.356057583	0.403872255
	-0.117484449	0.226244487	2	0	0.998207054	
MRE11	ENSG00000020922.12	0.953332541	13	1	0.589101598	
	Brain_Anterior_cingulate_cortex_BA24	0.997882904				
	Brain_Spinal_cord_cervical_c-1	12.0405681	0.000536455		12.0405681	
	-0.54013839	0.510546307	-0.054820599		0.321318753	1 0
	0.998207054					
MAPK8	ENSG00000107643.15	0.953530234	4	4	0.479958897	
	Brain_Caudate_basal_ganglia	0.987912429			Brain_Cerebellum	1.594369892
	0.448139881	0.448139881	-0.166842406		0.706368674	0.14023623
	0.3871671	4	0	0.998207054		
CCDC175	ENSG00000151838.11	0.953536117	1	1	0.953536117	
	Brain_Cerebellum	0.953536117			Brain_Cerebellum	1 1 1 0.058266795
	0.058266795	0.058266795	NA	1	0	0.998207054
SDCBP2	ENSG00000125775.14	0.953608322	4	4	0.44639406	
	Brain_Anterior_cingulate_cortex_BA24	0.668856239			Brain_Cortex	
	2.023354993	0.425710839	0.425710839		0.427718281	0.761440407
	0.547309472	0.146799493	4	0	0.998207054	
CTD-2287016.4	ENSG00000272265.1	0.953614049	3	3	0.600847859	
	Brain_Anterior_cingulate_cortex_BA24	0.982091098			Brain_Caudate_basal_ganglia	
	1.587913892	0.475182141	0.475182141		-0.523181637	0.022447365
	-0.228551169	0.275418883	3	0	0.998207054	
C8orf46	ENSG00000169085.11	0.953665671	2	2	0.758979685	
	Brain_Cerebellar_Hemisphere	0.851304477			Brain_Cerebellum	1.676479075
	0.323520925	0.323520925	-0.306820918		-0.187454268	-0.247137593
	0.084404968	2	0	0.998207054		
LINC01037	ENSG00000231599.1	0.953719966	2	2	0.766926332	
	Brain_Cerebellum	0.936696355			Brain_Cerebellar_Hemisphere	1.5094455 0.4905545
	0.4905545	-0.296397766	-0.079422773		-0.187910269	0.153424488 2
	0	0.998207054				
TK1	ENSG00000167900.11	0.953739442	5	1	0.788840751	Brain_Cerebellum
	0.986634593	Brain_Nucleus_accumbens_basal_ganglia	4.861249127			
	0.005377745	4.861249127	-0.137344191		0.267816264	0.058311069
	0.172247356	1	0	0.998207054		
LYNX1	ENSG00000180155.19	0.953766566	8	8	0.230699016	
	Brain_Cerebellar_Hemisphere	0.953998599			Brain_Frontal_Cortex_BA9	
	2.116202103	0.110401105	0.110401105		-1.198560163	0.636550377
	-0.317531403	0.594614662	8	0	0.998207054	

DENND2D	ENSG00000162777.16	0.953926791	1	1	0.953926791			
	Brain_Hypothalamus	0.953926791	Brain_Hypothalamus	1	1	1		
	-0.057776332	-0.057776332	-0.057776332	NA	1	0	0.998207054	
TRIM41	ENSG00000146063.19	0.953948783	1	1	0.953948783			
	Brain_Cerebellum	0.953948783	Brain_Cerebellum	1	1	1	0.057748723	
	0.057748723	0.057748723	NA	1	0	0.998207054		
GJA1	ENSG00000152661.7	0.95411827	2	2	0.770435624			
	Brain_Substantia_nigra	0.898855357	Brain_Putamen_basal_ganglia					
	1.116577505	0.883422495	0.883422495	-0.127107448	0.291805128			
	0.08234884	0.296215923	2	0	0.998207054			
NBPF12	ENSG00000268043.7	0.954124736	8	8	0.316690251			
	Brain_Putamen_basal_ganglia	0.951354711	Brain_Cortex	2.383716692				
	0.277641861	0.277641861	-1.001282499	0.571252556	-0.225509472			
	0.586199496	8	0	0.998207054				
FAM214A	ENSG00000047346.12	0.954126748	12	3	0.464853295			
	Brain_Caudate_basal_ganglia	0.977540793	Brain_Cortex	9.900737542				
	1.08E-16	0.485120059	-0.730878621	0.056300711	-0.329089308			
	0.249396668	3	0	0.998207054				
ARHGAP33	ENSG00000004777.18	0.954143553	1	1	0.954143553			
	Brain_Cerebellum	0.954143553	Brain_Cerebellum	1	1	1	-0.057504209	
	-0.057504209	-0.057504209	NA	1	0	0.998207054		
SPTSSB	ENSG00000196542.8	0.954303814	4	4	0.41179394			
	Brain_Hypothalamus	0.972649204	Brain_Putamen_basal_ganglia	1.803512347				
	0.391496448	0.391496448	-0.820740774	-0.034285856	-0.346514284			
	0.343348069	4	0	0.998207054				
RP11-439C15.5	ENSG00000270988.1	0.954329399	3	3	0.612179784			
	Brain_Cerebellar_Hemisphere	0.884078013	Brain_Hypothalamus	1.124901095				
	0.852646616	0.852646616	-0.147109182	0.506964419	0.168552279			
	0.327629767	3	0	0.998207054				
PI4KA	ENSG00000241973.10	0.954376905	3	3	0.608326886	Brain_Cerebellum		
	Brain_Anterior_cingulate_cortex_BA24	1.868498965						
	0.137627267	0.137627267	-0.512463175	0.125869404	-0.238948764			
	0.328815149	3	0	0.998207054				
CHRD2	ENSG00000054938.15	0.954484369	2	2	0.77491499			
	Brain_Putamen_basal_ganglia	0.828523992	Brain_Cortex	1.418309954				
	0.581690046	0.581690046	-0.285951863	0.216594988	-0.034678438			
	0.355354287	2	0	0.998207054				
TMEM171	ENSG00000157111.12	0.954719109	6	6	0.289845562			
	Brain_Amygdala	0.716233054	Brain_Nucleus_accumbens_basal_ganglia					
	1.524087908	0.568523748	0.568523748	-1.058460474	0.416877568			
	-0.264387213	0.562445269	6	0	0.998207054			
P3H1	ENSG00000117385.15	0.954736769	1	1	0.954736769	Brain_Cerebellum		
	Brain_Cerebellum	1	1	1	-0.056759509	-0.056759509		
	-0.056759509	NA	1	0	0.998207054			
MDM1	ENSG00000111554.14	0.95475147	6	6	0.546817209	Brain_Cortex		
	Brain_Hypothalamus	2.997591077	0.22960116	0.22960116				
	-0.602536298	0.347115622	-0.190550551	0.401858926	6	0		
	0.998207054							
KCNB1	ENSG00000158445.9	0.954890396	2	2	0.773853819	Brain_Cerebellum		
	Brain_Spinal_cord_cervical_c-1	1.04007925	0.95992075	0.95992075				
	-0.110201884	0.287337622	0.088567869	0.28110288	2	0		
	0.998207054							
ABCG5	ENSG00000138075.11	0.954984378	1	1	0.954984378			
	Brain_Putamen_basal_ganglia	0.954984378	Brain_Putamen_basal_ganglia	1	1			
	1	-0.056448679	-0.056448679	-0.056448679	NA	1	0	
	0.998207054							
CCDC68	ENSG00000166510.13	0.955044769	2	2	0.788735549			
	Brain_Hypothalamus	0.897240517	Brain_Nucleus_accumbens_basal_ganglia					
	1.04776984	0.95223016	0.95223016	-0.267952932	-0.129148031	-0.198550482		
	0.098149887	2	0	0.998207054				
ITPRIP	ENSG00000148841.15	0.95513321	1	1	0.95513321			
	Brain_Anterior_cingulate_cortex_BA24	0.95513321						

	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.056261851	
	0.056261851	0.056261851	NA	1	0	0.998207054
EXOSC10	ENSG00000171824.13	0.955195391	2	2	0.890295814	
	Brain_Cerebellum	0.925836176				Brain_Cerebellar_Hemisphere1.707058979
	0.292941021	0.292941021	-0.137929907	0.093084821		-0.022422543
	0.163352081	2	0	0.998207054		
LSM14B	ENSG00000149657.19	0.955238349	1	1	0.955238349	
	Brain_Anterior_cingulate_cortex_BA24	0.955238349				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.056129869	
	0.056129869	0.056129869	NA	1	0	0.998207054
CCDC25	ENSG00000147419.17	0.955241942	11	2	0.431545139	
	Brain_Putamen_basal_ganglia	0.969871626				Brain_Nucleus_accumbens_basal_ganglia
	9.629437477	0.003363448	0.428827474	-0.06856715		0.786550341
	0.281427933	0.247978697	2	0	0.998207054	
TSPOAP1	ENSG00000005379.15	0.955244696	4	4	0.458337883	
	Brain_Caudate_basal_ganglia	0.926817808				Brain_Cerebellum1.854017413
	0.139450123	0.139450123	-0.121283966	0.741586537		0.263599132
	0.43656803	4	0	0.998207054		
NPTX1	ENSG00000171246.5	0.955251447	4	4	0.54116663	Brain_Cerebellum
	0.959161572	Brain_Caudate_basal_ganglia	1.47635599	0.535009085		
	0.535009085	-0.051205747	0.611049773	0.31770343	0.280217961	4
	0	0.998207054				
BLACAT1	ENSG00000281406.1	0.955327983	6	6	0.358975148	
	Brain_Nucleus_accumbens_basal_ganglia	0.824429377				Brain_Cerebellum
	1.783370814	0.274882088	0.274882088	-0.917319679		0.54073906
	0.022963318	0.53134266	6	0	0.998207054	
LINC00565	ENSG00000260910.1	0.95535644	2	2	0.770814103	
	Brain_Hypothalamus	0.931049621				Brain_Caudate_basal_ganglia1.020746531
	0.979253469	0.979253469	-0.291310179	-0.086524324		-0.188917251
	0.144805467	2	0	0.998207054		
MYOZ2	ENSG00000172399.5	0.955396293	2	2	0.776064722	Brain_Amygdala
	0.866108573	Brain_Caudate_basal_ganglia	1.246155956	0.753844044		
	0.753844044	0.168603442	0.284451076	0.226527259		0.081916648
	2	0	0.998207054			
RP11-338N10.3	ENSG00000269978.1	0.955400887	7	5	0.525207471	
	Brain_Cerebellar_Hemisphere	0.949923612				Brain_Caudate_basal_ganglia3.42666625
	0.000237332	0.22152509	-0.297240667	0.635338804		0.031589147
	0.304775576	5	0	0.998207054		
AMN	ENSG00000166126.10	0.955406142	2	2	0.765528489	Brain_Cerebellum
	0.797244895	Brain_Cerebellar_Hemisphere	1.756335109	0.243664891		
	0.243664891	0.256914347	0.29822887	0.277571609	0.029213779	2
	0	0.998207054				
INO80C	ENSG00000153391.15	0.955446986	2	1	0.791942986	
	Brain_Cerebellar_Hemisphere	0.877779303				Brain_Cerebellum1.938459376
	0.061540624	1.938459376	-0.263788383	0.153784947		-0.055001718
	0.295268933	1	0	0.998207054		
DNALI1	ENSG00000163879.10	0.955509475	10	3	0.640193033	
	Brain_Cortex	0.994422156				Brain_Caudate_basal_ganglia7.02979044
	0.004174603	0.264449048	-0.143067079	0.467428924		0.124613005
	0.229848989	3	0	0.998207054		
TSEN2	ENSG00000154743.17	0.955754697	2	2	0.84687504	
	Brain_Cerebellar_Hemisphere	0.978874575				Brain_Cerebellum1.707330378
	0.292669622	0.292669622	-0.026479888	0.193107166		0.083313639
	0.155271495	2	0	0.998207054		
RDH11	ENSG00000072042.12	0.955762266	1	1	0.955762266	Brain_Cerebellum
	0.955762266	Brain_Cerebellum	1	1	1	0.055472213
	0.055472213	NA	1	0	0.998207054	
GNAI3	ENSG00000065135.10	0.955774869	2	2	0.796065315	Brain_Cerebellum
	0.997247098	Brain_Cerebellar_Hemisphere	1.501657327	0.498342673		
	0.498342673	-0.003450258	0.258442636	0.127496189		0.185186241
	2	0	0.998207054			
MB21D2	ENSG00000180611.6	0.955804378	1	1	0.955804378	

	Brain_Cerebellum	0.955804378	Brain_Cerebellum	1	1	0.055419354		
		0.055419354		1	0	0.998207054		
WDR27	ENSG00000184465.15	0.955823381		8	3	0.446720513	Brain_Cortex	
		0.989078185	Brain_Anterior_cingulate_cortex_BA24	6.87385875		0.019210377		
		0.230354185		-0.760893782	0.046235158	-0.303144575	0.289677182	
		3	0	0.998207054				
EMX1	ENSG00000135638.13	0.95582561		1	1	0.95582561	Brain_Cortex	0.95582561
		Brain_Cortex	1	1	1	0.055392701	0.055392701	0.055392701
		NA	1	0	0.998207054			
SLC51B	ENSG00000186198.3	0.955853726		2	2	0.765576238		
		Brain_Anterior_cingulate_cortex_BA24	0.939262145			Brain_Putamen_basal_ganglia		
		1.371939985	0.628060015	0.628060015	-0.298166304	-0.076197282		
		-0.187181793	0.156955801	2	0	0.998207054		
NFKBID	ENSG00000167604.13	0.955966014		1	1	0.955966014		
		Brain_Putamen_basal_ganglia	0.955966014	Brain_Putamen_basal_ganglia	1	1		
		1	0.055216462	0.055216462	0.055216462	NA	1	0
		0.998207054						
KCNV2	ENSG00000168263.8	0.956036672		1	1	0.956036672		
		Brain_Spinal_cord_cervical_c-1	0.956036672	Brain_Spinal_cord_cervical_c-1				
		1	1	1	0.05512777	0.05512777	0.05512777	NA
		1	0	0.998207054				
H1FX	ENSG00000184897.5	0.956053309		1	1	0.956053309		
		Brain_Hippocampus	0.956053309	Brain_Hippocampus	1	1	1	
		-0.055106887	-0.055106887	-0.055106887	NA	1	0	0.998207054
AC002064.5	ENSG00000225498.1	0.956091393		3	3	0.722546892		
		Brain_Frontal_Cortex_BA9	0.983419154	Brain_Caudate_basal_ganglia				
		2.405245272	0.265882562	0.265882562	-0.355056997	0.020782504		
		-0.194969723	0.19400457	3	0	0.998207054		
RASEF	ENSG00000165105.9	0.956124217		1	1	0.956124217		
		Brain_Caudate_basal_ganglia	0.956124217	Brain_Caudate_basal_ganglia	1	1		
		1	-0.055017883	-0.055017883	-0.055017883	NA	1	0
		0.998207054						
FGF3	ENSG00000186895.2	0.956150244		2	1	0.944835625	Brain_Cerebellum	
		0.967843122	Brain_Cerebellar_Hemisphere	1.983180969	0.016819031			
		1.983180969	-0.069193465	-0.040313586	-0.054753525	0.020421158		
		1	0	0.998207054				
LINC00094	ENSG00000235106.9	0.956151578		1	1	0.956151578		
		Brain_Frontal_Cortex_BA9	0.956151578	Brain_Frontal_Cortex_BA9	1	1		
		1	-0.054983539	-0.054983539	-0.054983539	NA	1	0
		0.998207054						
LINC01605	ENSG00000253161.5	0.956183608		1	1	0.956183608		
		Brain_Anterior_cingulate_cortex_BA24	0.956183608					
		Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.054943335		
		-0.054943335	-0.054943335	NA	1	0	0.998207054	
GDF7	ENSG00000143869.6	0.956250917		4	4	0.505684036		
		Brain_Putamen_basal_ganglia	0.990073656	Brain_Cerebellum	1.431810808			
		0.645610202	0.645610202	-0.346099528	0.665573052	0.005489125		
		0.468643681	4	0	0.998207054			
NRN1L	ENSG00000188038.7	0.956384842		1	1	0.956384842		
		Brain_Cerebellar_Hemisphere	0.956384842	Brain_Cerebellar_Hemisphere	1	1		
		1	-0.054690746	-0.054690746	-0.054690746	NA	1	0
		0.998207054						
IBTK	ENSG00000005700.14	0.95642831		2	2	0.794866309	Brain_Hypothalamus	
		0.915791124	Brain_Frontal_Cortex_BA9	1.150834045	0.849165955			
		0.849165955	-0.105736873	0.259996713	0.07712992	0.258612698		2
		0	0.998207054					
PLEKHA2	ENSG00000169499.14	0.956488181		1	1	0.956488181		
		Brain_Frontal_Cortex_BA9	0.956488181	Brain_Frontal_Cortex_BA9	1	1		
		1	-0.054561036	-0.054561036	-0.054561036	NA	1	0
		0.998207054						
SMAGP	ENSG00000170545.16	0.956658362		2	2	0.76912617		
		Brain_Frontal_Cortex_BA9	0.945051208	Brain_Anterior_cingulate_cortex_BA24				
		1.066033972	0.933966028	0.933966028	-0.293518096	0.068922626		

	-0.112297735	0.256284292	2	0	0.998207054			
SERPINB8	ENSG00000166401.14	0.956679316	3	3	0.674857774			
	Brain_Cerebellum	0.935777529		Brain_Hippocampus	1.348023681			
	0.711857669	0.711857669		-0.279513496	0.419490394		0.019799618	
	0.360150476	3	0	0.998207054				
EPSTI1	ENSG00000133106.14	0.956697232	2	2	0.766264128			
	Brain_Amygdala	0.90151141	Brain_Cortex	1.455362186	0.544637814			
	0.544637814	-0.297265095	-0.123752289	-0.210508692	0.122692082			
	2	0	0.998207054					
TFG	ENSG00000114354.13	0.95685922	6	4	0.557436143			
	Brain_Putamen_basal_ganglia	0.856727091		Brain_Hippocampus	4.416935002			
	0.024262192	0.147561598		-0.586653948	-0.180541993		-0.406529999	
	0.155167702	4	0	0.998207054				
EML2	ENSG00000125746.16	0.956877316	3	3	0.794120771			
	Brain_Cerebellar_Hemisphere	0.916966309		Brain_Cortex	1.875455482			
	0.292308564	0.292308564		-0.135479465	0.260963349		0.007076009	
	0.220426438	3	0	0.998207054				
PTBP3	ENSG00000119314.15	0.956923827	3	3	0.636601202			
	Brain_Cerebellar_Hemisphere	0.989708499		Brain_Cerebellum	1.558179011			
	0.443819949	0.443819949		-0.472456195	-0.012898841		-0.168226564	
	0.263490179	3	0	0.998207054				
SYCE1	ENSG00000171772.15	0.956955012	9	4	0.518125485		Brain_Cortex	
	0.973848609	Brain_Caudate_basal_ganglia	6.467668358	0.012383311				
	0.220048357	-0.646237611	0.574768943	-0.059783667	0.396693192			
	4	0	0.998207054					
HMG20B	ENSG00000064961.18	0.957035022	1	1	0.957035022			
	Brain_Frontal_Cortex_BA9	0.957035022		Brain_Frontal_Cortex_BA9	1	1		
	1	0.053874665	0.053874665	0.053874665	NA	1	0	
	0.998207054							
CHKB	ENSG00000100288.19	0.957051546	12	4	0.564042268			
	Brain_Frontal_Cortex_BA9	0.985496173		Brain_Nucleus_accumbens_basal_ganglia				
	8.75156611	0.000117839	0.415422483	-0.576847811	0.156127812			
	-0.196638331	0.202926358	4	0	0.998207054			
EMC9	ENSG00000100908.13	0.957158408	3	3	0.847667118			
	Brain_Nucleus_accumbens_basal_ganglia	0.928902179		Brain_Caudate_basal_ganglia				
	2.473262534	0.147129313	0.147129313	-0.126611188	0.19209586			
	0.051570276	0.162656139	3	0	0.998207054			
STX2	ENSG00000111450.13	0.957190165	5	3	0.654896228			
	Brain_Hippocampus	0.983848918		Brain_Caudate_basal_ganglia	3.878946259			
	0.029004581	0.254141542	-0.205347069	0.446970683	0.065398343			
	0.25078733	3	0	0.998207054				
DNAJC3	ENSG00000102580.14	0.9571964	2	2	0.770538664		Brain_Amygdala	
	0.939358865	Brain_Caudate_basal_ganglia	1.414382638	0.585617362				
	0.585617362	-0.291670373	-0.07607571	-0.183873041	0.152448448			
	2	0	0.998207054					
CPT1B	ENSG00000205560.12	0.957379904	13	2	0.594760948			
	Brain_Putamen_basal_ganglia	0.977456845		Brain_Hippocampus	12.05756801			
	0.001539784	0.413604449	-0.531949535	0.186892888	-0.181767985			
	0.171139921	2	0	0.998207054				
SARAF	ENSG00000133872.13	0.957388068	1	1	0.957388068			
	Brain_Putamen_basal_ganglia	0.957388068		Brain_Putamen_basal_ganglia	1	1		
	1	0.05343155	0.05343155	0.05343155	NA	1	0	0.998207054
COPS6	ENSG00000168090.9	0.957486968	1	1	0.957486968		Brain_Cerebellum	
	0.957486968	Brain_Cerebellum	1	1	1	0.05330742	0.05330742	0.05330742
	NA	1	0	0.998207054				
C9orf85	ENSG00000155621.14	0.957723332	2	2	0.768815286			
	Brain_Cortex	0.9946998	Brain_Nucleus_accumbens_basal_ganglia	1.019501658				
	0.980498342	0.980498342	-0.293924906	-0.006642865	-0.150283885			
	0.203139079	2	0	0.998207054				
TRIM67	ENSG00000119283.15	0.957798377	1	1	0.957798377			
	Brain_Cerebellum	0.957798377		Brain_Cerebellum	1	1	1	0.052916576
	0.052916576	0.052916576	NA	1	0	0.998207054		

FAM193B ENSG00000146067.15 0.958290389 5 5 0.435279193
Brain_Nucleus_accumbens_basal_ganglia 0.944586604 Brain_Cortex 1.81391206
0.238148151 0.238148151 -0.780189753 0.593245447 -0.031854347
0.53876613 5 0 0.998207054

Clorf123 ENSG00000162384.13 0.958484232 12 2 0.527422742
Brain_Hippocampus 0.966809355 Brain_Putamen_basal_ganglia 10.88270497
0.001109131 0.524025743 -0.16789448 0.631945115 0.178773892
0.219182913 2 0 0.998207054

SMIM12 ENSG00000163866.8 0.958566019 7 4 0.646228822
Brain_Caudate_basal_ganglia 0.991994366 Brain_Hippocampus 5.613082705
0.058181058 0.216847972 -0.391601545 0.459007442 -0.071874337
0.324575134 4 0 0.998207054

PRKRA ENSG00000180228.12 0.958715369 1 1 0.958715369
Brain_Putamen_basal_ganglia 0.958715369 Brain_Putamen_basal_ganglia 1 1
1 0.051765721 0.051765721 0.051765721 NA 1 0
0.998207054

PPP6R2 ENSG00000100239.15 0.958721799 10 3 0.397240112
Brain_Cortex 0.954999763 Brain_Amygdala 7.864467812 0.001442627
0.350457761 -0.846560547 0.056429367 -0.456346862 0.277927554
3 0 0.998207054

CDC7 ENSG00000097046.12 0.958881162 12 9 0.239438335 Brain_Cerebellum
0.961702835 Brain_Amygdala 5.490791583 0.005361628 0.275027994
-0.323390163 1.17639183 0.429865501 0.591883759 9 0
0.998207054

SCN9A ENSG00000169432.14 0.958886461 5 5 0.490114635 Brain_Cerebellum
0.977176491 Brain_Anterior_cingulate_cortex_BA24 2.783091798
0.118118339 0.118118339 -0.028608929 0.690126508 0.312533917
0.302819586 5 0 0.998207054

CER1 ENSG00000147869.4 0.958934343 3 3 0.691975269
Brain_Putamen_basal_ganglia 0.968068322 Brain_Cerebellum 1.906267973
0.093751787 0.093751787 -0.206806888 0.396175899 0.0497793
0.311362318 3 0 0.998207054

IQCK ENSG00000174628.16 0.959011874 1 1 0.959011874
Brain_Frontal_Cortex_BA9 0.959011874 Brain_Frontal_Cortex_BA9 1 1
1 0.051393613 0.051393613 0.051393613 NA 1 0
0.998207054

RP11-307C12.13 ENSG00000270361.1 0.959019016 1 1 0.959019016
Brain_Hypothalamus 0.959019016 Brain_Hypothalamus 1 1 1
-0.051384651 -0.051384651 -0.051384651 NA 1 0 0.998207054

RPUSD3 ENSG00000156990.14 0.95925954 13 1 0.437103296
Brain_Anterior_cingulate_cortex_BA24 0.978638387 Brain_Frontal_Cortex_BA9
11.94386212 0.000783136 11.94386212 -0.777094031 0.354919674
-0.053208951 0.294174613 1 0 0.998207054

ALG3 ENSG00000214160.9 0.959435072 3 2 0.832651579
Brain_Substantia_nigra 0.935485225 Brain_Putamen_basal_ganglia
2.506606632 0.05253957 0.440853798 -0.120573437 0.211302055
0.057224735 0.1672045 2 0 0.998207054

RP11-507B12.2 ENSG00000259616.2 0.959492177 1 1 0.959492177
Brain_Hypothalamus 0.959492177 Brain_Hypothalamus 1 1 1
-0.050790857 -0.050790857 -0.050790857 NA 1 0 0.998207054

C12orf66 ENSG00000174206.12 0.959550436 1 1 0.959550436
Brain_Putamen_basal_ganglia 0.959550436 Brain_Putamen_basal_ganglia 1 1
1 0.050717746 0.050717746 0.050717746 NA 1 0
0.998207054

ZNF367 ENSG00000165244.6 0.959624134 2 2 0.809055811
Brain_Anterior_cingulate_cortex_BA24 0.887146523 Brain_Cerebellum
1.053368942 0.946631058 0.946631058 -0.241644276 -0.141915789
-0.191780033 0.07051869 2 0 0.998207054

PPP1R12B ENSG00000077157.21 0.959652342 1 1 0.959652342
Brain_Nucleus_accumbens_basal_ganglia 0.959652342
Brain_Nucleus_accumbens_basal_ganglia 1 1 1 -0.050589862
-0.050589862 -0.050589862 NA 1 0 0.998207054

DNAAF3	ENSG00000167646.13	0.95969062	2	2	0.816659045			
	Brain_Cerebellar_Hemisphere	0.860881822			Brain_Cerebellum	1.027549305		
	0.972450695	0.972450695	0.175251751		0.231844176		0.203547963	
	0.040016887	2	0	0.998207054				
ERAP2	ENSG00000164308.16	0.959771055	13	1	0.773661045		Brain_Cortex	
	0.982592981	Brain_Frontal_Cortex_BA9	12.94055807		9.30E-06			
	12.94055807	-0.209016326	0.28758942	0.050227895	0.144193464			1
	0	0.998207054						
TMEM235	ENSG00000204278.12	0.959838167	8	5	0.502980294			
	Brain_Cortex	0.998224224	Brain_Hippocampus	5.71970779	0.000742977			
	0.26956424	-0.669807842	0.018901881	-0.276970178	0.24926037	5		0
	0.998207054							
CTD-2339F6.1	ENSG00000254139.1	0.959838817	9	4	0.543174068			
	Brain_Anterior_cingulate_cortex_BA24	0.988981746	Brain_Substantia_nigra					
	6.83483697	6.12E-06	0.448474692	-0.242219003	0.608020214			
	0.185841331	0.254021528	4	0	0.998207054			
CTB-113P19.5	ENSG00000272112.1	0.959969412	1	1	0.959969412			
	Brain_Caudate_basal_ganglia	0.959969412	Brain_Caudate_basal_ganglia	1				1
	1	-0.050191969	-0.050191969	-0.050191969	NA	1		0
	0.998207054							
CHCHD7	ENSG00000170791.17	0.959976403	2	2	0.775848224			
	Brain_Frontal_Cortex_BA9	0.964361398	Brain_Spinal_cord_cervical_c-1					
	1.069692467	0.930307533	0.930307533	-0.28473363	-0.044681227			
	-0.164707428	0.169742682	2	0	0.998207054			
IER3	ENSG00000137331.11	0.959982745	1	1	0.959982745			
	Brain_Substantia_nigra	0.959982745	Brain_Substantia_nigra	1				1
	1	0.050175237	0.050175237	0.050175237	NA	1		0
	0.998207054							
INO80D	ENSG00000114933.15	0.96002006	6	5	0.525690066			
	Brain_Spinal_cord_cervical_c-1	0.991737999						
	Brain_Nucleus_accumbens_basal_ganglia	3.925176154	0.013321859					
	0.261832699	-0.52258119	0.634598868	0.095897833	0.374640194			
	5	0	0.998207054					
TRAPPC4	ENSG00000196655.11	0.96016057	13	1	0.677217123		Brain_Cerebellum	
	0.992583432	Brain_Hypothalamus	12.83577122	1.20E-06	12.83577122			
	-0.186677786	0.416263603	0.050154707	0.186798841	1		0	
	0.998207054							
CHGA	ENSG00000100604.12	0.960162179	3	3	0.590067106			
	Brain_Caudate_basal_ganglia	0.839768024	Brain_Cerebellum	1.889786757				
	0.376327002	0.376327002	-0.538738787	-0.202190213	-0.335849837			
	0.178635832	3	0	0.998207054				
EIF2AK3	ENSG00000172071.11	0.960204545	2	2	0.921108792			
	Brain_Cortex	0.942402547	Brain_Frontal_Cortex_BA9	1.818938437				
	0.181061563	0.181061563	-0.099037127	0.072250512	-0.013393308			
	0.121118651	2	0	0.998207054				
LINC02058	ENSG00000248528.1	0.960220272	1	1	0.960220272			
	Brain_Nucleus_accumbens_basal_ganglia	0.960220272						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.049877168			
	0.049877168	0.049877168	NA	1	0	0.998207054		
DZIP3	ENSG00000198919.12	0.960305352	3	3	0.706312616			
	Brain_Frontal_Cortex_BA9	0.890210896	Brain_Nucleus_accumbens_basal_ganglia					
	1.477373364	0.478231367	0.478231367	-0.168295203	0.37681295			
	0.023493464	0.306357436	3	0	0.998207054			
RP11-57G10.8	ENSG00000272892.1	0.960315896	2	2	0.790207291			
	Brain_Amygdala	0.997282567	Brain_Spinal_cord_cervical_c-1	1.366191836				
	0.633808164	0.633808164	-0.003405803	0.266041444	0.13131782			
	0.190527975	2	0	0.998207054				
ELMOD2	ENSG00000179387.9	0.960378154	1	1	0.960378154			
	Brain_Frontal_Cortex_BA9	0.960378154	Brain_Frontal_Cortex_BA9	1				1
	1	-0.049679047	-0.049679047	-0.049679047	NA	1		0
	0.998207054							
PGM5	ENSG00000154330.12	0.960398596	2	2	0.800169838		Brain_Cerebellum	

	0.995530261	Brain_Cerebellar_Hemisphere	1.437498769		0.562501231	
	0.562501231	-0.253127307	0.005602017		-0.123762645	0.182949259
	2	0	0.998207054			
GABARAP	ENSG00000170296.9	0.960450366	1	1	0.960450366	
	Brain_Nucleus_accumbens_basal_ganglia	0.960450366				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.049588431	
	0.049588431	0.049588431	NA	1	0	0.998207054
NUP62	ENSG00000213024.11	0.960565242	2	2	0.826079944	
	Brain_Substantia_nigra	0.868614437			Brain_Cerebellum	1.062058643
	0.937941357	0.937941357	-0.219731919		-0.165418699	-0.192575309
	0.038405246	2	0	0.998207054		
PDE6D	ENSG00000156973.13	0.960627957	5	4	0.512425709	
	Brain_Spinal_cord_cervical_c-1	0.955064479				
	Brain_Anterior_cingulate_cortex_BA24	2.612928534			0.064420612	
	0.171721171	-0.655065305	0.264105982		-0.1778767	0.345796756
	0	0.998207054				4
CNNM1	ENSG00000119946.10	0.960632197	2	2	0.817900042	Brain_Cortex
	0.90181873	Brain_Nucleus_accumbens_basal_ganglia	1.171379273		0.828620727	
	0.828620727	-0.123364168	0.230246742		0.053441287	0.250040673
	2	0	0.998207054			
BIK	ENSG00000100290.2	0.960635325	3	3	0.679012963	Brain_Amygdala
	0.884763447	Brain_Cerebellum	1.538539925		0.463935827	0.463935827
	-0.413810405	0.348948084	0.026690363		0.394887568	3
	0.998207054					0
FBXO42	ENSG00000037637.10	0.960866579	9	3	0.549571045	
	Brain_Cerebellum	0.934132478			Brain_Cerebellar_Hemisphere	7.285799263
	0.000927608	0.55183149	-0.598403029		0.119010687	-0.20995655
	0.236639942	3	0	0.998207054		
KRTAP5-5	ENSG00000185940.10	0.960926434	2	2	0.798475557	
	Brain_Cerebellar_Hemisphere	0.871079799			Brain_Cerebellum	1.869108736
	0.130891264	0.130891264	-0.255320514		-0.162287067	-0.20880379
	0.065784581	2	0	0.998207054		
RP11-666A8.13	ENSG00000284526.1	0.960996343	3	2	0.776282802	
	Brain_Anterior_cingulate_cortex_BA24	0.981902356			Brain_Cerebellum	
	1.941153252	0.061875955	0.996970793		-0.284166481	0.054097315
	-0.084251048	0.177337184	2	0	0.998207054	
CYP2C18	ENSG00000108242.12	0.960997614	1	1	0.960997614	
	Brain_Cerebellum	0.960997614	Brain_Cerebellum	1	1	1
	-0.048901725	-0.048901725	NA	1	0	0.998207054
S100B	ENSG00000160307.9	0.96102661	8	5	0.493730506	Brain_Hippocampus
	0.922079834	Brain_Putamen_basal_ganglia	4.063788418		0.02533453	
	0.364578641	-0.684387501	0.642196357		-0.217543427	0.433544851
	5	0	0.998207054			
TMEM52B	ENSG00000165685.8	0.961048055	1	1	0.961048055	
	Brain_Nucleus_accumbens_basal_ganglia	0.961048055				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.048838432	
	-0.048838432	-0.048838432	NA	1	0	0.998207054
ZNF544	ENSG00000198131.13	0.961064895	7	3	0.729584256	
	Brain_Caudate_basal_ganglia	0.938986019			Brain_Cortex	6.07351922
	0.007326157	0.247006929	-0.345678617		0.145785825	-0.164818552
	0.161583032	3	0	0.998207054		
NEPRO	ENSG00000163608.14	0.961609063	6	4	0.543340914	
	Brain_Caudate_basal_ganglia	0.936149861			Brain_Nucleus_accumbens_basal_ganglia	
	4.26845697	0.055207946	0.153595764		-0.607768666	0.080109885
	-0.330055621	0.268003845	4	0	0.998207054	
DRGX	ENSG00000165606.8	0.961611957	1	1	0.961611957	Brain_Cortex
	0.961611957	Brain_Cortex	1	1	1	0.048130854
	0.048130854	NA	1	0	0.998207054	
SLC7A9	ENSG0000021488.12	0.961817407	13	2	0.76611609	
	Brain_Substantia_nigra	0.984429918			Brain_Anterior_cingulate_cortex_BA24	
	12.18415484	0.001262085	0.425559771		-0.29745902	0.266046145
	-0.018411459	0.167818263	2	0	0.998207054	

RP11-12G12.7	ENSG00000274605.1	0.962344104	1	1	0.962344104		
	Brain_Putamen_basal_ganglia	0.962344104			Brain_Putamen_basal_ganglia	1	1
	1	-0.0472122	-0.0472122	NA	1	0	0.998207054
TCTN2	ENSG00000168778.11	0.962445122	11	2	0.491733441		
	Brain_Nucleus_accumbens_basal_ganglia	0.925595439			Brain_Caudate_basal_ganglia		
	8.986156343	0.000585081	1.287086795		-0.216047966	0.687554385	
	0.199652847	0.295097961	2	0	0.998207054		
PROKR1	ENSG00000169618.6	0.962535602	1	1	0.962535602		
	Brain_Amygdala	0.962535602			Brain_Amygdala	1	1
	0.046971926	0.046971926	NA	1	0	0.998207054	0.046971926
ZCCHC10	ENSG00000155329.11	0.962614697	1	1	0.962614697		
	Brain_Substantia_nigra	0.962614697			Brain_Substantia_nigra	1	1
	1	-0.046872687	-0.046872687	-0.046872687	NA	1	0
	0.998207054						
GIGYF2	ENSG00000204120.14	0.962646465	1	1	0.962646465		
	Brain_Frontal_Cortex_BA9	0.962646465			Brain_Frontal_Cortex_BA9	1	1
	1	0.046832827	0.046832827	0.046832827	NA	1	0
	0.998207054						
TSPAN11	ENSG00000110900.14	0.962667569	12	11	0.197616881		
	Brain_Caudate_basal_ganglia	0.954880506			Brain_Hippocampus	3.350404113	
	0.098068135	0.312884459	-1.288370908		0.680330995	0.160908983	
	0.593432481	11	0	0.998207054			
EHD1	ENSG00000110047.17	0.962680665	3	3	0.614137479		Brain_Cerebellum
	0.945571327	Brain_Cortex	1.080699315		0.928781721	0.928781721	
	-0.156781724	0.504176321	0.093041793		0.358792859	3	0
	0.998207054						
ZNF786	ENSG00000197362.14	0.96272884	13	2	0.689032864		
	Brain_Hippocampus	0.911086098			Brain_Putamen_basal_ganglia	11.71907795	
	0.001860052	0.667038371	-0.1116687	0.400167889	0.211642487		
	0.121974964	2	0	0.998207054			
COMTD1	ENSG00000165644.10	0.962895333	2	2	0.792745001		
	Brain_Cerebellum	0.995797526			Brain_Substantia_nigra	1.313331727	
	0.686668273	0.686668273	-0.262747762		-0.005267044	-0.134007403	
	0.182066362	2	0	0.998207054			
WNT4	ENSG00000162552.14	0.962992366	1	1	0.962992366		
	Brain_Caudate_basal_ganglia	0.962992366			Brain_Caudate_basal_ganglia	1	1
	1	-0.046398834	-0.046398834	-0.046398834	NA	1	0
	0.998207054						
ABCC5	ENSG00000114770.16	0.963058533	10	4	0.46914462		
	Brain_Caudate_basal_ganglia	0.991777313			Brain_Hypothalamus	7.791837636	
	0.005830233	0.260344065	-0.718836339		0.723871514	-0.01046607	
	0.451979311	4	0	0.998207054			
SHISA7	ENSG00000187902.11	0.963082889	1	1	0.963082889		
	Brain_Cerebellum	0.963082889			Brain_Cerebellum	1	1
	0.046285258	0.046285258	NA	1	0	0.998207054	0.046285258
TCHP	ENSG00000139437.17	0.963252349	3	3	0.658455959		Brain_Cerebellum
	0.89805805	Brain_Cerebellar_Hemisphere	1.748255974		0.568589321		
	0.568589321	-0.396683335	0.442045944		0.057825834	0.423759501	
	3	0	0.998207054				
ACBD5	ENSG00000107897.18	0.963431153	2	2	0.791901274		Brain_Cerebellum
	0.828589821	Brain_Cerebellar_Hemisphere	1.610587102		0.389412898		
	0.389412898	0.216510526	0.263842513		0.24017652	0.033468769	2
	0	0.998207054					
THBD	ENSG00000178726.6	0.963463532	1	1	0.963463532		
	Brain_Nucleus_accumbens_basal_ganglia	0.963463532					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.045807687		
	-0.045807687	-0.045807687	NA	1	0	0.998207054	
OBSCN	ENSG00000154358.20	0.963489947	2	2	0.788434074		
	Brain_Nucleus_accumbens_basal_ganglia	0.851098428			Brain_Cortex		
	1.806877004	0.193122996	0.193122996		-0.268344607	-0.187717096	
	-0.228030851	0.05701226	2	0	0.998207054		
CTD-3224I3.3	ENSG00000255260.1	0.963497199	2	2	0.812602876		

	Brain_Cerebellar_Hemisphere	0.832121292		Brain_Cerebellum	1.364766786				
	0.635233214	0.635233214	-0.237069497		-0.211981724				-0.224525611
	0.017739734	2	0	0.998207054					
RP11-701H24.3	ENSG00000257647.1		0.963622886	1	1	0.963622886			
	Brain_Amygdala	0.963622886	Brain_Amygdala	1	1	1	0.045607757		
	0.045607757	0.045607757	NA	1	0	0.998207054			
ACBD6	ENSG00000230124.6		0.963671166	5	5	0.407188398			
	Brain_Anterior_cingulate_cortex_BA24	0.930490353		Brain_Hippocampus					
	1.670916832	0.444591554	0.444591554		-0.38036608		0.828851578		
	0.200879471	0.441089158	5	0	0.998207054				
SIRPG	ENSG00000089012.14		0.963699878	3	3	0.769713289			
	Brain_Frontal_Cortex_BA9	0.887973431		Brain_Cerebellar_Hemisphere					
	2.445244699	0.161629973	0.161629973		-0.292749948		0.154706213		
	-0.092970912	0.227541039	3	0	0.998207054				
RP11-394I13.2	ENSG00000271151.1		0.963825147	2	2	0.836912078			
	Brain_Hypothalamus	0.90665064	Brain_Cerebellum	1.260396602		0.739603398			
	0.739603398	-0.205844886	0.117264268		-0.044290309		0.228472673		
	2	0	0.998207054						
HLA-DRB5	ENSG00000198502.5		0.963939123	13	1	0.6362638			
	Brain_Spinal_cord_cervical_c-1	0.998196608		Brain_Cerebellar_Hemisphere					
	12.53800937	0.000627002	12.53800937		-0.472929049		0.342343207		
	-0.047461064	0.257412865	1	0	0.998207054				
CEPT1	ENSG00000134255.13		0.963969038	2	2	0.786612897			
	Brain_Caudate_basal_ganglia	0.973011503		Brain_Anterior_cingulate_cortex_BA24					
	1.086823536	0.913176464	0.913176464		-0.270711545		0.033831518		
	-0.118440014	0.215344465	2	0	0.998207054				
CTSA	ENSG00000064601.16		0.964152289	3	2	0.844630272		Brain_Cortex	
	0.931177059	Brain_Cerebellum	2.479286708		0.014433272		0.50628002		
	-0.195974313	0.157396332	-0.041647329		0.180879487		2	0	
	0.998207054								
SGCZ	ENSG00000185053.13		0.964179619	1	1	0.964179619			
	Brain_Substantia_nigra	0.964179619		Brain_Substantia_nigra	1	1			
	1	0.044909281	0.044909281	0.044909281	NA	1	0		
	0.998207054								
P2RX1	ENSG00000108405.3		0.964261027	2	2	0.796491155			
	Brain_Nucleus_accumbens_basal_ganglia	0.976749407							
	Brain_Spinal_cord_cervical_c-1	1.188725492		0.811274508		0.811274508			
	-0.029144422	0.25789084	0.114373209	0.20296458	2	0	0.998207054		
MIR4435-2HG	ENSG00000172965.14		0.964263017	1	1	0.964263017			
	Brain_Hippocampus	0.964263017		Brain_Hippocampus	1	1	1		
	-0.044804652	-0.044804652	-0.044804652	NA	1	0	0.998207054		
SUSD2	ENSG00000099994.10		0.964267686	8	4	0.557916118			
	Brain_Frontal_Cortex_BA9	0.940882825		Brain_Nucleus_accumbens_basal_ganglia					
	6.639535193	0.006783537	0.246094797		-0.58593958		0.565072927		
	-0.156664554	0.385741952	4	0	0.998207054				
PLA2G1B	ENSG00000170890.13		0.964346983	1	1	0.964346983			
	Brain_Hippocampus	0.964346983		Brain_Hippocampus	1	1	1		
	0.044699311	0.044699311	0.044699311	NA	1	0	0.998207054		
RAB1B	ENSG00000174903.15		0.96437175	1	1	0.96437175		Brain_Frontal_Cortex_BA9	
	0.96437175	Brain_Frontal_Cortex_BA9	1	1	1	0.044668239			
	0.044668239	0.044668239	NA	1	0	0.998207054			
MAST4	ENSG00000069020.18		0.964386423	1	1	0.964386423			
	Brain_Spinal_cord_cervical_c-1	0.964386423		Brain_Spinal_cord_cervical_c-1					
	1	1	1	0.044649831	0.044649831	0.044649831	NA	1	0
	0.998207054								
CTC-304I17.5	ENSG00000263571.2		0.964432512	3	2	0.801837651			
	Brain_Spinal_cord_cervical_c-1	0.866751411		Brain_Cerebellum	2.351472563				
	0.00453618	0.643991257	0.167786286	0.250969551		0.222081088			
	0.0470529	2	0	0.998207054					
BTBD18	ENSG00000233436.7		0.964453658	1	1	0.964453658			
	Brain_Cerebellar_Hemisphere	0.964453658		Brain_Cerebellar_Hemisphere	1	1			
	1	0.044565481	0.044565481	0.044565481	NA	1	0		

0.998207054

ATRN1 ENSG00000107518.16 0.964519636 3 3 0.628449055
Brain_Hypothalamus 0.957391372 Brain_Cerebellum 1.18522866 0.823024955
0.823024955 -0.483910969 0.053427403 -0.210023136 0.268821194
3 0 0.998207054

RHPN1 ENSG00000158106.13 0.96458547 1 1 0.96458547 Brain_Cerebellar_Hemisphere
0.96458547 Brain_Cerebellar_Hemisphere 1 1 -0.044400115
-0.044400115 -0.044400115 NA 1 0 0.998207054

SLC4A10 ENSG00000144290.16 0.96463277 1 1 0.96463277 Brain_Cerebellum
0.96463277 Brain_Cerebellum 1 1 0.044340775 0.044340775
0.044340775 NA 1 0 0.998207054

CLASP2 ENSG00000163539.16 0.964672124 1 1 0.964672124
Brain_Cortex 0.964672124 Brain_Cortex 1 1 1 0.044291404
0.044291404 0.044291404 NA 1 0 0.998207054

ST3GAL5-AS1 ENSG00000232504.4 0.964707325 4 3 0.638838118
Brain_Hippocampus 0.942040072 Brain_Spinal_cord_cervical_c-1
2.965092987 0.028082546 0.16961958 -0.469323923 0.072706002
-0.302560442 0.251991568 3 0 0.998207054

ERLEC1 ENSG00000068912.13 0.964719886 2 2 0.819816881
Brain_Frontal_Cortex_BA9 0.879582303 Brain_Hypothalamus 1.04564869
0.95435131 0.95435131 0.151498742 0.227780508 0.189639625
0.053939354 2 0 0.998207054

HLA-DPB1 ENSG00000223865.10 0.964726949 8 8 0.234106889
Brain_Cortex 0.968249158 Brain_Cerebellar_Hemisphere 3.081570921
0.119934386 0.119934386 -0.039804288 1.189846095 0.747479874
0.408947176 8 0 0.998207054

NGRN ENSG00000182768.8 0.964958959 2 2 0.816522283 Brain_Cortex
0.864610223 Brain_Putamen_basal_ganglia 1.173257323 0.826742677
0.826742677 0.170508534 0.232020253 0.201264394 0.043495353
2 0 0.998207054

RGMB ENSG00000174136.11 0.964979705 8 6 0.414537377
Brain_Putamen_basal_ganglia 0.680166473 Brain_Hippocampus 4.744244074
0.033772987 0.166633524 -0.815934889 0.427936871 -0.494944951
0.392147502 6 0 0.998207054

KIAA1551 ENSG00000174718.11 0.965038862 6 6 0.385945163
Brain_Cerebellum 0.892297973 Brain_Cerebellar_Hemisphere 3.568389631
0.159551343 0.159551343 0.13539703 0.866994244 0.429768605
0.24750896 6 0 0.998207054

DNM1L ENSG00000087470.17 0.965144867 2 2 0.804197952 Brain_Cerebellum
0.973287666 Brain_Nucleus_accumbens_basal_ganglia 1.245832397
0.754167603 0.754167603 0.033485202 0.247917872 0.140701537
0.151626795 2 0 0.998207054

SCAP ENSG00000114650.18 0.965178242 7 3 0.423480364 Brain_Cortex
0.980258956 Brain_Substantia_nigra 5.716208873 0.031729184
0.376090813 -0.800397784 0.359523322 -0.228543148 0.363048766
3 0 0.998207054

NEUROD1 ENSG00000162992.3 0.965273716 1 1 0.965273716
Brain_Frontal_Cortex_BA9 0.965273716 Brain_Frontal_Cortex_BA9 1 1
1 -0.043536692 -0.043536692 -0.043536692 NA 1 0
0.998207054

RP11-438L19.1 ENSG00000272800.1 0.965311994 4 3 0.831111366
Brain_Cortex 0.980190161 Brain_Cerebellum 3.440853365 0.096248706
0.135704606 -0.173770857 0.213276419 0.028555956 0.166280768
3 0 0.998207054

ARF4 ENSG00000168374.10 0.965556366 8 4 0.47273013
Brain_Substantia_nigra 0.985808838 Brain_Cortex 5.518484245
0.006780986 0.258839409 -0.090011252 0.718044044 0.203358321
0.245675209 4 0 0.998207054

RP11-298J23.10 ENSG00000124593.15 0.965598302 1 1 0.965598302
Brain_Cerebellar_Hemisphere 0.965598302 Brain_Cerebellar_Hemisphere 1 1
1 0.043129502 0.043129502 0.043129502 NA 1 0
0.998207054

HMBS	ENSG00000256269.7	0.965747974	11	3	0.592114186	
	Brain_Putamen_basal_ganglia	0.963859548			Brain_Caudate_basal_ganglia	
	9.493404349	0.000431655	0.34760199	-0.399199961	0.535774821	
	0.148834544	0.255060702	3	0	0.998207054	
AC008592.8	ENSG00000272021.1	0.965771561	2	2	0.820773805	
	Brain_Hippocampus	0.980743253			Brain_Putamen_basal_ganglia	1.43234355
	0.56765645	0.56765645	-0.226549833	0.024137097	-0.101206368	
	0.177262428	2	0	0.998207054		
SLCO1C1	ENSG00000139155.8	0.965862514	6	6	0.4555133	
	Brain_Hippocampus	0.835459578			Brain_Spinal_cord_cervical_c-1	2.12686141
	0.19800984	0.19800984	0.207704662	0.746255148	0.497709524	
	0.220128417	6	0	0.998207054		
AC015849.16	ENSG00000270977.1	0.96587884	1	1	0.96587884	
	Brain_Nucleus_accumbens_basal_ganglia	0.96587884				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.042777576	
	-0.042777576	-0.042777576	NA	1	0	0.998207054
WFDC3	ENSG00000124116.18	0.965907968	13	1	0.794958301	Brain_Amygdala
	0.9986189	Brain_Nucleus_accumbens_basal_ganglia	12.59477448		0.000626343	
	12.59477448	-0.256043818	0.259877457	-0.042877367	0.147236374	
	1	0	0.998207054			
TTL13P	ENSG00000213471.9	0.965916156	9	4	0.565590708	
	Brain_Nucleus_accumbens_basal_ganglia	0.881888316			Brain_Hypothalamus	
	6.590641438	0.008782841	0.47391085	-0.574557344	0.188142982	
	-0.258971604	0.270975545	4	0	0.998207054	
TTYH2	ENSG00000141540.10	0.966019462	2	2	0.838172552	
	Brain_Cerebellar_Hemisphere	0.88908836			Brain_Hippocampus	1.122066672
	0.877933328	0.877933328	0.139457852	0.204231557	0.171844704	
	0.045801926	2	0	0.998207054		
KLHL2	ENSG00000109466.13	0.966046019	3	3	0.623580179	Brain_Cerebellum
	0.94747072	Brain_Putamen_basal_ganglia	1.137057234		0.862086569	
	0.862086569	-0.06588332	0.490782655	0.173930196	0.286217577	
	3	0	0.998207054			
RP11-1I2.1	ENSG00000283458.1	0.966080627	5	5	0.509809831	
	Brain_Hippocampus	0.79463981			Brain_Nucleus_accumbens_basal_ganglia	
	1.865324791	0.34156519	0.34156519	-0.260290357	0.659133833	
	0.331662632	0.357742582	5	0	0.998207054	
OPTC	ENSG00000188770.9	0.96608532	2	2	0.799707139	
	Brain_Cerebellar_Hemisphere	0.905763054			Brain_Cerebellum	1.204067483
	0.795932517	0.795932517	-0.253726139	-0.11838444	-0.18605529	
	0.095701033	2	0	0.998207054		
BCO2	ENSG00000197580.11	0.966135752	11	3	0.609397309	
	Brain_Cerebellar_Hemisphere	0.953806992			Brain_Hippocampus	9.073332357
	0.000504424	0.375710798	-0.510933948	0.334330411	-0.176117905	
	0.287259583	3	0	0.998207054		
SNTG2	ENSG00000172554.11	0.966276091	5	5	0.382441913	
	Brain_Cerebellar_Hemisphere	0.876453369			Brain_Substantia_nigra	2.05644679
	0.124909031	0.124909031	-0.214184952	0.873405833	0.302993114	
	0.493905171	5	0	0.998207054		
MRPL43	ENSG00000055950.16	0.96631087	11	4	0.597045827	
	Brain_Hippocampus	0.992419219			Brain_Nucleus_accumbens_basal_ganglia	
	8.750318252	0.000553268	0.34743395	-0.488746694	0.528653518	
	0.068827433	0.288108271	4	0	0.998207054	
RP11-98D18.17	ENSG00000269489.1	0.966385436	4	4	0.539604871	
	Brain_Nucleus_accumbens_basal_ganglia	0.85428895			Brain_Cerebellum	1.998384593
	0.274482494	0.274482494	-0.613410612	0.246823692	-0.217149947	
	0.357612765	4	0	0.998207054		
RP11-70D24.2	ENSG00000278058.1	0.966620914	5	5	0.491480202	
	Brain_Putamen_basal_ganglia	0.920194881			Brain_Cortex	1.816332902
	0.339158773	0.339158773	0.100188242	0.687956457	0.354412277	
	0.291256232	5	0	0.998207054		
RP11-247A12.7	ENSG00000268707.1	0.966742363	12	8	0.385670367	
	Brain_Substantia_nigra	0.924430749			Brain_Caudate_basal_ganglia	

	6.109710578	0.006802836	0.300297012	-0.867495882	0.324734661
	-0.135086685	0.405991891	8 0	0.998207054	
GRN	ENSG00000030582.17	0.96674705	4 4	0.485034115	
	Brain_Caudate_basal_ganglia	0.916380407		Brain_Frontal_Cortex_BA9	
	1.709838551	0.341735302	0.341735302	-0.698228805	0.104994205
	-0.338195876	0.396161365	4 0	0.998207054	
LINC00486	ENSG00000230876.6	0.966761547	5 5	0.503455151	
	Brain_Putamen_basal_ganglia	0.709502111		Brain_Hippocampus	3.089526989
	0.169897194	0.169897194	-0.669063219	-0.372524854	-0.52241696
	0.126724092	5 0	0.998207054		
SELENOF	ENSG00000183291.15	0.966853014	8 1	0.661970908	
	Brain_Cerebellar_Hemisphere	0.980254403		Brain_Hippocampus	7.612184015
	0.004125153	7.612184015	-0.360068049	0.437193659	-0.038264543
	0.269858626	1 0	0.998207054		
PHYHIPL	ENSG00000165443.11	0.966934405	1 1	0.966934405	
	Brain_Cerebellar_Hemisphere	0.966934405		Brain_Cerebellar_Hemisphere1	1
	1 0.041453447	0.041453447	0.041453447	NA 1 0	
	0.998207054				
C19orf48	ENSG00000167747.13	0.967029561	3 3	0.667368891	
	Brain_Caudate_basal_ganglia	0.916872411		Brain_Spinal_cord_cervical_c-1	
	1.638008896	0.363753259	0.363753259	-0.429761844	-0.104374181
	-0.23376972	0.172614054	3 0	0.998207054	
FHOD3	ENSG00000134775.15	0.967073497	4 4	0.628642227	
	Brain_Putamen_basal_ganglia	0.963477403		Brain_Cerebellar_Hemisphere	
	1.902436961	0.128531915	0.128531915	-0.483638809	-0.045790284
	-0.303283229	0.205847867	4 0	0.998207054	
ST6GAL2	ENSG00000144057.15	0.967112953	2 2	0.810843629	
	Brain_Cerebellum	0.979007021		Brain_Anterior_cingulate_cortex_BA24	
	1.282682491	0.717317509	0.717317509	-0.239337836	0.026313834
	-0.106512001	0.187844097	2 0	0.998207054	
CEP85	ENSG00000130695.14	0.967338869	11 5	0.48108824	
	Brain_Cerebellar_Hemisphere	0.976639575		Brain_Caudate_basal_ganglia	
	7.106030238	0.006220041	0.246335324	-0.704553347	0.336041859
	-0.191274661	0.295683081	5 0	0.998207054	
FAM153A	ENSG00000170074.19	0.967393481	13 11	0.334183858	
	Brain_Hippocampus	0.996355186		Brain_Nucleus_accumbens_basal_ganglia	
	5.301308377	0.071853708	0.216940297	-0.965720901	0.759170414
	-0.147932214	0.477441485	11 0	0.998207054	
PPIP5K1	ENSG00000168781.21	0.967462475	3 3	0.686540574	
	Brain_Amygdala	0.860958806		Brain_Putamen_basal_ganglia	1.172765344
	0.860759995	0.860759995	-0.403554196	0.175153774	-0.169983173
	0.305058921	3 0	0.998207054		
PPARA	ENSG00000186951.16	0.967502727	1 1	0.967502727	Brain_Amygdala
	0.967502727	Brain_Amygdala	1 1 1	0.040740559	0.040740559
	0.040740559	NA 1 0	0.998207054		
MFSD6	ENSG00000151690.14	0.967611651	12 6	0.244142698	
	Brain_Substantia_nigra	0.655624915		Brain_Cortex	8.426505653
	0.014242612	0.320321578	0.445961696	1.164694447	0.714842899
	0.198057346	6 0	0.998207054		
AC099754.1	ENSG00000225386.1	0.967720882	1 1	0.967720882	
	Brain_Substantia_nigra	0.967720882		Brain_Substantia_nigra	1 1
	1 0.040466917	0.040466917	0.040466917	NA 1 0	
	0.998207054				
PUS3	ENSG00000110060.8	0.967789004	2 2	0.811671818	
	Brain_Putamen_basal_ganglia	0.974039119		Brain_Cerebellar_Hemisphere	
	1.243331852	0.756668148	0.756668148	-0.032542882	0.238269832
	0.102863475	0.191493506	2 0	0.998207054	
TMEM200C	ENSG00000206432.4	0.967931998	1 1	0.967931998	
	Brain_Cortex	0.967931998		Brain_Cortex	1 1 1
	-0.040202106	-0.040202106	NA 1 0	0.998207054	-0.040202106
LINC02081	ENSG00000267123.5	0.967946491	1 1	0.967946491	
	Brain_Spinal_cord_cervical_c-1	0.967946491		Brain_Spinal_cord_cervical_c-1	

	1	1	1	0.040183927	0.040183927	0.040183927	NA	1	0
	0.998207054								
YWHAG	ENSG00000170027.6	0.967964419	2	2	0.806067727	Brain_Cerebellum			
	0.946125291	Brain_Caudate_basal_ganglia			1.008376548	0.991623452			
	0.991623452	-0.067573324	0.245502042		0.088964359	0.221377715			
	2	0	0.998207054						
LINC02125	ENSG00000250514.1	0.96796669	2	2	0.857574954				
	Brain_Cerebellar_Hemisphere	0.929701046	Brain_Cerebellum			1.423927549			
	0.576072451	-0.576072451	-0.088220975		0.179461998	0.045620511			
	0.189280446	2	0	0.998207054					
BCL11A	ENSG00000119866.20	0.968071447	1	1	0.968071447				
	Brain_Hippocampus	0.968071447	Brain_Hippocampus		1	1	1		
	0.040027193	0.040027193	0.040027193		NA	1	0	0.998207054	
CSTF1	ENSG00000101138.11	0.968325766	1	1	0.968325766				
	Brain_Caudate_basal_ganglia	0.968325766	Brain_Caudate_basal_ganglia			1	1		
	1	-0.039708198	-0.039708198	-0.039708198	NA	1	0		
	0.998207054								
GRIN2A	ENSG00000183454.16	0.968529409	7	7	0.639399707				
	Brain_Spinal_cord_cervical_c-1	0.986309983	Brain_Hippocampus						
	3.263278098	0.167556197	0.167556197		-0.366166308	0.468538274			
	0.004871808	0.353313801	7	0	0.998207054				
RBM46	ENSG00000151962.7	0.968575164	1	1	0.968575164				
	Brain_Spinal_cord_cervical_c-1	0.968575164	Brain_Spinal_cord_cervical_c-1						
	1	1	1	-0.039395379	-0.039395379	-0.039395379	NA	1	0
	0.998207054								
Clorf146	ENSG00000203910.8	0.968702279	4	3	0.660560458				
	Brain_Anterior_cingulate_cortex_BA24	0.919728594	Brain_Cortex						
	2.274407902	0.059979578	0.670873868		-0.135407163	0.439139502			
	0.110150352	0.276451873	3	0	0.998207054				
SLC45A2	ENSG00000164175.14	0.96870518	1	1	0.96870518	Brain_Hippocampus			
	0.96870518	Brain_Hippocampus		1	1	1	0.039232303		
	0.039232303	NA	1	0	0.998207054				
POU1F1	ENSG00000064835.10	0.968789831	4	4	0.636373555				
	Brain_Cerebellum	0.996633273	Brain_Putamen_basal_ganglia			3.084644779			
	0.123525376	0.123525376	-0.472775219		-0.00421958	-0.295491186			
	0.205834213	4	0	0.998207054					
ZNF135	ENSG00000176293.19	0.968853988	5	4	0.503247278				
	Brain_Cerebellum	0.699883643	Brain_Frontal_Cortex_BA9			3.384565529			
	0.000303353	0.139212161	0.385477541		0.669389139	0.49234719			
	0.113442791	4	0	0.998207054					
CARS2	ENSG00000134905.16	0.968896756	6	2	0.743415578				
	Brain_Hippocampus	0.965380128	Brain_Hypothalamus			5.56584428 1.78E-05			
	0.295445889	-0.167656339	0.327333606		0.000657229	0.211682463			
	2	0	0.998207054						
TNFRSF11A	ENSG00000141655.16	0.9689403	2	2	0.850038774				
	Brain_Substantia_nigra	0.889003234	Brain_Caudate_basal_ganglia						
	1.129301607	0.870698393	0.870698393		-0.189068954	0.139565585			
	-0.024751685	0.232379711	2	0	0.998207054				
DPM1	ENSG00000000419.12	0.968944825	1	1	0.968944825				
	Brain_Nucleus_accumbens_basal_ganglia	0.968944825							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.038931722				
	-0.038931722	-0.038931722	NA	1	0	0.998207054			
CORO2A	ENSG00000106789.12	0.969118786	3	3	0.818355508				
	Brain_Hypothalamus	0.868719982	Brain_Frontal_Cortex_BA9			2.045946463			
	0.400345194	0.400345194	-0.229660607		0.205192759	-0.063250815			
	0.234696681	3	0	0.998207054					
KBTBD7	ENSG00000120696.8	0.969154487	1	1	0.969154487				
	Brain_Putamen_basal_ganglia	0.969154487	Brain_Putamen_basal_ganglia			1	1		
	1	-0.038668752	-0.038668752	-0.038668752	NA	1	0		
	0.998207054								
LINC01239	ENSG00000234840.1	0.969160593	5	5	0.446713687				
	Brain_Caudate_basal_ganglia	0.987834969	Brain_Amygdala			1.714966987			

	0.510654322	0.510654322	-0.760905208	0.342301805	-0.094769232
	0.437142625	5 0	0.998207054		
R3HDM1	ENSG00000048991.16	0.969298808	1 1	0.969298808	
	Brain_Cerebellum0.969298808	Brain_Cerebellum1	1 1		-0.038487738
	-0.038487738	-0.038487738	NA 1 0	0.998207054	
CACTIN	ENSG00000105298.13	0.96931579	1 1	0.96931579	
	Brain_Substantia_nigra	0.96931579	Brain_Substantia_nigra	1 1 1	
	-0.038466438	-0.038466438	-0.038466438	NA 1 0	0.998207054
ALS2	ENSG00000003393.14	0.969326901	3 2	0.815631779	
	Brain_Frontal_Cortex_BA9	0.999411016	Brain_Hypothalamus	2.190480558	
	0.006488269	0.803031173	-0.233166937	0.006634091	-0.075264888
	0.136778958	2 0	0.998207054		
CCDC81	ENSG00000149201.9	0.96943445	2 2	0.855374027	
	Brain_Cerebellar_Hemisphere	0.955988763	Brain_Nucleus_accumbens_basal_ganglia		
	1.826927563	-0.173072437	0.173072437	-0.182265939	-0.055187907
	-0.118726923	0.089857738	2 0	0.998207054	
NRXN3	ENSG00000021645.18	0.969444155	1 1	0.969444155	
	Brain_Spinal_cord_cervical_c-1	0.969444155	Brain_Spinal_cord_cervical_c-1		
	1 1 1	0.038305438	0.038305438	0.038305438	NA 1 0
	0.998207054				
SNED1	ENSG00000162804.13	0.969447164	3 3	0.716452362	
	Brain_Cerebellar_Hemisphere	0.80614957	Brain_Cerebellum1.538547651	0.43840206	
	0.43840206	-0.363204185	-0.24539633	-0.312586448	0.060627185 3
	0	0.998207054			
EXOG	ENSG00000157036.12	0.969518713	12 2	0.547501539	
	Brain_Nucleus_accumbens_basal_ganglia	0.970365731	Brain_Substantia_nigra		
	10.45916398	0.005874306	0.40589613	-0.601508219	0.570569808
	-0.071257802	0.327744922	2 0	0.998207054	
ZNF730	ENSG00000183850.13	0.969547039	7 6	0.339668023	
	Brain_Spinal_cord_cervical_c-1	0.978129396	Brain_Hypothalamus		
	3.455910375	0.006755858	0.276155686	-0.544537141	0.954821401
	0.140175647	0.442707249	6 0	0.998207054	
MED11	ENSG00000161920.9	0.969581106	1 1	0.969581106	Brain_Cortex
	0.969581106	Brain_Cortex	1 1 1	0.03813367	0.03813367 0.03813367
	NA 1 0	0.998207054			
C15orf61	ENSG00000189227.5	0.969659399	8 4	0.713925132	
	Brain_Nucleus_accumbens_basal_ganglia	0.995325198	Brain_Cortex		
	6.112730825	0.009671129	0.450162803	-0.35436989	0.366589647
	0.089497619	0.25102195 4	0 0.998207054		
LTBP1	ENSG00000049323.15	0.969660148	2 2	0.807060457	
	Brain_Putamen_basal_ganglia	0.911357746	Brain_Caudate_basal_ganglia		
	1.601277727	0.398722273	0.398722273	-0.244219976	-0.111326117
	-0.177773047	0.093970149	2 0	0.998207054	
SAAL1	ENSG00000166788.9	0.969678757	12 1	0.559899509	
	Brain_Spinal_cord_cervical_c-1	0.974581112	Brain_Putamen_basal_ganglia		
	11.23207569	0.000138077	11.23207569	-0.582990778	0.273445638
	0.029707939	0.238088738	1 0	0.998207054	
HHLA3	ENSG00000197568.13	0.96968582	13 5	0.597138307	
	Brain_Spinal_cord_cervical_c-1	0.969331245	Brain_Cortex	9.260744169	
	0.023699304	0.323393011	-0.380656663	0.528520235	0.096037419
	0.262430938	5 0	0.998207054		
REEP5	ENSG00000129625.12	0.969703544	2 2	0.846057719	
	Brain_Hypothalamus	0.880404361	Brain_Substantia_nigra	1.020080778	
	0.979919222	0.979919222	0.150456636	0.194150911	0.172303773
	0.030896518	2 0	0.998207054		
IL17RB	ENSG00000056736.9	0.969712655	4 3	0.748070627	
	Brain_Hippocampus	0.993274654	Brain_Cerebellar_Hemisphere	3.465266217	
	0.071637494	0.137512529	-0.242641723	0.321184434	0.098856343
	0.269665723	3 0	0.998207054		
CEP164	ENSG00000110274.15	0.969832776	9 6	0.449476249	
	Brain_Cortex	0.825951583	Brain_Putamen_basal_ganglia	4.978640661	
	0.013876146	0.255520856	-0.756288488	0.698310397	-0.202937565

	0.536667713	6	0	0.998207054					
LINC00513	ENSG00000233559.1			0.969875473	2	2	0.81029655	Brain_Cerebellum	
	0.960949529	Brain_Frontal_Cortex_BA9			1.044149885		0.955850115		
	0.955850115	0.048962063		0.240043479			0.144502771	0.135114965	
	2	0		0.998207054					
PICALM	ENSG00000073921.17			0.970021289	2	2	0.836152073		
	Brain_Caudate_basal_ganglia	0.891356104					Brain_Cerebellar_Hemisphere		
	1.009939198	0.990060802		0.990060802			-0.206817904	0.136588453	
	-0.035114726	0.242824963		2	0		0.998207054		
ANGPTL2	ENSG00000136859.9			0.970047065	2	2	0.833325881		
	Brain_Hypothalamus	0.9920968		Brain_Cerebellar_Hemisphere	1.555290093				
	0.444709907	0.444709907		0.009905354			0.210437943	0.110171649	
	0.141797953	2	0	0.998207054					
UNC5B	ENSG00000107731.12			0.970069182	3	3	0.686344933		
	Brain_Spinal_cord_cervical_c-1	0.885966504					Brain_Putamen_basal_ganglia		
	1.33087032	0.702237035		0.702237035			-0.143409851	0.403820211	
	0.158455894	0.277955921		3	0		0.998207054		
B9D1	ENSG00000108641.14			0.970110534	1	1	0.970110534	Brain_Cerebellum	
	0.970110534	Brain_Cerebellum1		1	1		0.037469656	0.037469656	
	0.037469656	NA	1	0	0.998207054				
SDR39U1	ENSG00000100445.17			0.970312077	4	4	0.828392569		
	Brain_Amygdala	0.98765332		Brain_Cerebellar_Hemisphere	2.234322069				
	0.150016483	0.150016483		-0.216763615			0.172580408	-0.065212863	
	0.183009864	4	0	0.998207054					
ABCB9	ENSG00000150967.17			0.970326152	3	3	0.623621846		
	Brain_Cerebellar_Hemisphere	0.994645207					Brain_Putamen_basal_ganglia		
	1.287183644	0.708158686		0.708158686			-0.006711288	0.490723751	
	0.222286675	0.251051762		3	0		0.998207054		
NUDCD3	ENSG00000015676.17			0.970394175	8	3	0.751491566		
	Brain_Cerebellar_Hemisphere	0.986505881					Brain_Spinal_cord_cervical_c-1		
	7.105240663	0.002826864		0.306282139			-0.316673227	0.129009782	
	-0.102726801	0.146575869		3	0		0.998207054		
OLMALINC	ENSG00000235823.1			0.970410983	2	2	0.847478314		
	Brain_Nucleus_accumbens_basal_ganglia	0.88716338		Brain_Amygdala	1.051061041				
	0.948938959	0.948938959		0.141894448			0.192336902	0.167115675	
	0.035668201	2	0	0.998207054					
RP11-498P14.5	ENSG00000203279.3			0.970458631	13	3	0.579300172		
	Brain_Spinal_cord_cervical_c-1	0.860287277					Brain_Substantia_nigra		
	11.46942835	0.000791191		0.425964285			-0.554407241	-0.176008484	
	-0.340354704	0.121168333		3	0		0.998207054		
ZNFx1	ENSG00000124201.14			0.970515559	2	2	0.806958653		
	Brain_Hippocampus	0.993968917					Brain_Nucleus_accumbens_basal_ganglia		
	1.08057077	0.91942923		0.91942923			-0.244351433	-0.007558913	-0.125955173
	0.167437596	2	0	0.998207054					
RP11-84C13.2	ENSG00000270720.1			0.970593146	1	1	0.970593146		
	Brain_Cerebellar_Hemisphere	0.970593146					Brain_Cerebellar_Hemisphere1	1	
	1	-0.036864373		-0.036864373			NA	1	0
	0.998207054								
ZFP30	ENSG00000120784.15			0.970601396	3	2	0.685489352		
	Brain_Cerebellar_Hemisphere	0.985840048					Brain_Cerebellum	2.37829108	
	0.029099457	0.592609463		-0.404983891			0.0177478	-0.140601237	
	0.230451441	2	0	0.998207054					
ADSS	ENSG00000035687.9			0.970681318	6	6	0.616417092		
	Brain_Hippocampus	0.952046231					Brain_Nucleus_accumbens_basal_ganglia		
	3.08655158	0.120677588		0.120677588			-0.365049048	0.500934684	
	-0.090423386	0.310101826		6	0		0.998207054		
CASP9	ENSG00000132906.17			0.97070406	4	2	0.801559514	Brain_Hypothalamus	
	0.970071707	Brain_Spinal_cord_cervical_c-1			3.324531637		0.001472764		
	0.599664761	-0.251329313		-0.037518352			-0.172448348	0.093356265	
	2	0		0.998207054					
HBZ	ENSG00000130656.4			0.97080519	2	2	0.808267821	Brain_Hippocampus	
	0.98638454	Brain_Putamen_basal_ganglia		1.009412798			0.990587202		

	0.990587202	0.017065276	0.242661259	0.129863268	0.159520449
	2	0	0.998207054		
TOM1L1	ENSG00000141198.14	0.970906094	4	4	0.53278032
	Brain_Hypothalamus	0.906693743	Brain_Caudate_basal_ganglia	3.072568646	
	0.151784168	0.151784168	0.117209873	0.623767449	0.344688798
	0.210903259	4	0	0.998207054	
RGL3	ENSG00000205517.12	0.970960787	1	1	0.970960787
	Brain_Hypothalamus	0.970960787	Brain_Hypothalamus	1	1
	0.036403295	0.036403295	0.036403295	NA	1
				0	0.998207054
C19orf57	ENSG00000132016.11	0.971055703	2	2	0.810787057
	Brain_Cerebellum	0.880748877	Brain_Cerebellar_Hemisphere	1.733760895	
	0.266239105	0.266239105	0.150019948	0.239410799	0.194715373
	0.063208877	2	0	0.998207054	
AC068535.2	ENSG00000227157.1	0.97117664	2	2	0.820091724
	Brain_Substantia_nigra	1.090732739	Brain_Amygdala	0.909267261	
	0.909267261	0.102580437	0.227427004	0.16500372	0.088279854
	0	0.998207054			2
CCDC88C	ENSG00000015133.18	0.971191064	5	5	0.488417798
	Brain_Anterior_cingulate_cortex_BA24	0.962002531	Brain_Cortex		
	2.028638636	0.072905497	0.072905497	-0.35371722	0.692827523
	0.313662535	0.451420262	5	0	0.998207054
DPH6-AS1	ENSG00000248079.2	0.971228993	2	2	0.845736428
	Brain_Cortex	0.856924374	Brain_Frontal_Cortex_BA9	1.205967612	
	0.794032388	0.794032388	-0.194561267	-0.180290677	-0.187425972
	0.010090831	2	0	0.998207054	
XXbac-BPGBPG55C20.2	ENSG00000272316.1	0.971256908	13	2	0.386781743
	Brain_Anterior_cingulate_cortex_BA24	0.984252666	Brain_Frontal_Cortex_BA9		
	11.80204925	0.002122427	0.427399815	-0.37386096	0.865468418
	0.216995269	0.318706184	2	0	0.998207054
RMDN2	ENSG00000115841.19	0.971299105	2	2	0.817129398
	Brain_Cerebellar_Hemisphere	1.460272799	Brain_Cerebellum	0.539727201	
	0.539727201	-0.231238659	-0.167749465	-0.199494062	0.04489364
	0	0.998207054			2
RPS20	ENSG00000008988.9	0.971406322	8	1	0.581298872
	Brain_Putamen_basal_ganglia	7.534408364	Brain_Cerebellum	0.005020389	
	7.534408364	-0.551488465	0.437466425	0.032807838	0.317119709
	1	0	0.998207054		
PALM3	ENSG00000187867.8	0.971409247	1	1	0.971409247
	Brain_Spinal_cord_cervical_c-1	0.971409247	Brain_Spinal_cord_cervical_c-1		
	1	1	1	-0.035840867	-0.035840867
				-0.035840867	NA
					1
					0
	0.998207054				
RNF149	ENSG00000163162.8	0.971420496	11	5	0.420947428
	Brain_Frontal_Cortex_BA9	0.998067384	Brain_Hypothalamus	7.70318885	
	0.005450283	0.348794784	-0.804778643	0.682063552	0.029264162
	0.45924014	5	0	0.998207054	
FXYD1	ENSG00000266964.5	0.971422442	1	1	0.971422442
	Brain_Anterior_cingulate_cortex_BA24	0.971422442			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.035824318
	-0.035824318	-0.035824318	NA	1	0
				0.998207054	
AMN1	ENSG00000151743.10	0.971556718	1	1	0.971556718
	Brain_Caudate_basal_ganglia	0.971556718	Brain_Caudate_basal_ganglia	1	1
	1	0.035655921	0.035655921	0.035655921	NA
					1
					0
	0.998207054				
CLPTM1	ENSG00000104853.15	0.971584182	1	1	0.971584182
	Brain_Cortex	0.971584182	Brain_Cortex	1	1
	-0.035621478	-0.035621478	NA	1	0
				0.998207054	
THADA	ENSG00000115970.18	0.971609685	2	2	0.8487633
	Brain_Frontal_Cortex_BA9	0.929760227	Brain_Nucleus_accumbens_basal_ganglia		
	1.856575429	0.143424571	0.143424571	0.088146515	0.190696603
	0.139421559	0.072513863	2	0	0.998207054
CDHR3	ENSG00000128536.15	0.971659999	9	8	0.290678951
	Brain_Nucleus_accumbens_basal_ganglia	0.914519394	Brain_Frontal_Cortex_BA9		

	4.547273063	0.057836679	0.227028017	-0.490618822	1.056633357
	0.493116948	0.472216955	8	0	0.998207054
FGF10	ENSG00000070193.4	0.971900898	1	1	0.971900898
	Brain_Putamen_basal_ganglia	0.971900898	Brain_Putamen_basal_ganglia	1	1
	1	0.035224284	0.035224284	0.035224284	NA 1 0
	0.998207054				
RPS29	ENSG00000213741.9	0.971923519	1	1	0.971923519
	Brain_Anterior_cingulate_cortex_BA24	0.971923519			
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.035195915
	0.035195915	0.035195915	NA	1	0
	0.998207054				
BOLA3	ENSG00000163170.11	0.971948431	4	1	0.916347111
	Brain_Cortex				
	0.970424594	Brain_Frontal_Cortex_BA9	3.85002276	0.008389032	3.85002276
	-0.105036166	0.048481336	-0.034585572	0.063172085	1 0
	0.998207054				
RNF181	ENSG00000168894.9	0.972150419	2	2	0.86303328
	Brain_Caudate_basal_ganglia	0.864814153	Brain_Hypothalamus	1.039948956	
	0.960051044	0.960051044	-0.172514224	-0.170249209	-0.171381716
	0.001601607	2	0	0.998207054	
ZSCAN16	ENSG00000196812.4	0.972151819	4	4	0.783444139
	Brain_Cortex	0.899935979	Brain_Anterior_cingulate_cortex_BA24		
	1.989785334	0.153749584	0.153749584	-0.208394632	0.274833527
	0.041680595	0.244207173	4	0	0.998207054
ZNF696	ENSG00000185730.7	0.972168269	5	5	0.373680791
	Brain_Cerebellum	0.795454594	Brain_Caudate_basal_ganglia	2.788431382	
	0.227449229	0.227449229	0.259234136	0.889599842	0.441716181
	0.258650148	5	0	0.998207054	
LINC00588	ENSG00000215117.5	0.972189604	7	4	0.397084203
	Brain_Frontal_Cortex_BA9	0.896593429	Brain_Amygdala	5.249425994	
	0.011588136	0.272747379	-0.846840191	-0.129965871	-0.531490921
	0.275283185	4	0	0.998207054	
DTWD2	ENSG00000169570.9	0.972209598	7	6	0.365716614
	Brain_Anterior_cingulate_cortex_BA24	0.981521239	Brain_Putamen_basal_ganglia		
	3.566743558	0.019546503	0.421257338	-0.904525887	0.144367243
	-0.317350372	0.355652403	6	0	0.998207054
C20orf196	ENSG00000171984.14	0.972379542	5	5	0.406066755
	Brain_Frontal_Cortex_BA9	0.976370769	Brain_Cortex	1.340509784	
	0.701352741	0.701352741	-0.394636457	0.830835164	0.017244898
	0.476305304	5	0	0.998207054	
ERP44	ENSG00000023318.7	0.972565109	1	1	0.972565109
	Brain_Caudate_basal_ganglia	0.972565109	Brain_Caudate_basal_ganglia	1	1
	1	-0.034391315	-0.034391315	-0.034391315	NA 1 0
	0.998207054				
CES1	ENSG00000198848.12	0.972569937	10	8	0.270009267
	Brain_Hypothalamus	0.859471341	Brain_Putamen_basal_ganglia	4.147495395	
	0.016853983	0.344513779	-0.433639765	1.103041215	0.175570118
	0.438694457	8	0	0.998207054	
MTERF3	ENSG00000156469.8	0.972600201	2	2	0.856924424
	Brain_Hypothalamus	0.984736896	Brain_Nucleus_accumbens_basal_ganglia		
	1.580012468	0.419987532	0.419987532	-0.019130631	0.180290614
	0.080579992	0.141012115	2	0	0.998207054
TMIGD2	ENSG00000167664.8	0.972739257	1	1	0.972739257
	Brain_Amygdala	0.972739257	Brain_Amygdala	1 1 1	-0.034172924
	-0.034172924	-0.034172924	NA	1	0
	0.998207054				
RNF214	ENSG00000167257.10	0.97274127	1	1	0.97274127
	Brain_Putamen_basal_ganglia	0.97274127	Brain_Putamen_basal_ganglia	1	1
	-0.0341704	-0.0341704	-0.0341704	NA	1 0
	0.998207054				
TMEM14B	ENSG00000137210.13	0.972746175	1	1	0.972746175
	Brain_Substantia_nigra	0.972746175	Brain_Substantia_nigra	1	1
	1	-0.034164249	-0.034164249	-0.034164249	NA 1 0
	0.998207054				
HSBP1L1	ENSG00000226742.3	0.972769749	1	1	0.972769749
	Brain_Cerebellum	0.972769749	Brain_Cerebellum	1	1 1
					0.034134687

	0.034134687	0.034134687	NA	1	0	0.998207054	
MRPL53	ENSG00000204822.6	0.972769758		1	1	0.972769758	
	Brain_Hippocampus	0.972769758		Brain_Hippocampus	1	1	1
	-0.034134675	-0.034134675	-0.034134675	NA	1	0	0.998207054
HMP19	ENSG00000170091.10	0.972904011		3	3	0.748508545	
	Brain_Cerebellar_Hemisphere	0.870608753		Brain_Cortex	1.058467164		
	0.911578581	0.911578581	-0.320606587	0.319834356			-0.054552507
	0.333681201	3	0	0.998207054			
KDM4B	ENSG00000127663.14	0.972908413		2	2	0.89681369	
	Brain_Cerebellar_Hemisphere	0.928279258		Brain_Cerebellum	1.556573087		
	0.443426913	0.443426913	-0.090010013	0.129687478			0.019838733
	0.155349586	2	0	0.998207054			
TNIP1	ENSG00000145901.14	0.972924411		4	4	0.673993799	
	Brain_Cerebellar_Hemisphere	0.997761267		Brain_Frontal_Cortex_BA9			
	2.882373071	0.209113848	0.209113848	-0.273201909			0.420673111
	0.056696167	0.28606455	4	0	0.998207054		
RP5-1180C18.1	ENSG00000223944.1	0.972971959		1	1	0.972971959	
	Brain_Spinal_cord_cervical_c-1	0.972971959		Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.033881108	-0.033881108	-0.033881108	NA
	0.998207054						1
							0
RPL3L	ENSG00000140986.7	0.972976287		3	3	0.72688777	
	Brain_Caudate_basal_ganglia	0.816536569		Brain_Nucleus_accumbens_basal_ganglia			
	1.178104967	0.822519882	0.822519882	-0.349268466			0.25192626
	0.044886551	0.3414936	3	0	0.998207054		
NOLC1	ENSG00000166197.16	0.973177565		1	1	0.973177565	Brain_Cerebellum
	0.973177565	Brain_Cerebellum	1	1	1	0.033623272	0.033623272
	0.033623272	NA	1	0	0.998207054		
AKAP3	ENSG00000111254.7	0.973236864		13	7	0.232246802	
	Brain_Putamen_basal_ganglia	0.987297958		Brain_Cerebellum	9.045456282		
	2.34E-16	0.302835941	-1.194591167	0.190413874			-0.351792186
	0.356607893	7	0	0.998207054			
EFCAB2	ENSG00000203666.12	0.97325801	13	4	0.377344449	Brain_Cerebellum	
	0.939128541	Brain_Anterior_cingulate_cortex_BA24	9.22975483	0.001385897			
	0.378359182	-0.538538909	0.882799799	-0.211424656			0.41903076
	0	0.998207054					4
CNTFR	ENSG00000122756.14	0.973274018		3	3	0.767499652	
	Brain_Hippocampus	0.881254953		Brain_Caudate_basal_ganglia	1.292709465		
	0.65124489	0.65124489	-0.295647032	0.149378529			-0.117318908
	0.235305736	3	0	0.998207054			
DENND6B	ENSG00000205593.11	0.973316985		5	4	0.611303182	
	Brain_Cortex	0.929434006		Brain_Frontal_Cortex_BA9	2.879061007		
	0.063746011	0.376430101	-0.508214131	0.439997597			-0.182155635
	0.380219084	4	0	0.998207054			
FGF14	ENSG00000102466.15	0.973321		1	1	0.973321	Brain_Cerebellum
	Brain_Cerebellum	1	1	1	-0.033443401	-0.033443401	-0.033443401
	NA	1	0	0.998207054			
ACOT13	ENSG00000112304.10	0.973567008		1	1	0.973567008	
	Brain_Spinal_cord_cervical_c-1	0.973567008		Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.033134904	-0.033134904	-0.033134904	NA
	0.998207054						1
							0
CNNM2	ENSG00000148842.17	0.973602492		3	3	0.749872071	
	Brain_Caudate_basal_ganglia	0.876207438		Brain_Frontal_Cortex_BA9			
	1.708566037	0.588715765	0.588715765	-0.318808054			0.155778729
	-0.112381663	0.243241585	3	0	0.998207054		
HACE1	ENSG00000085382.11	0.973647946		8	1	0.716254182	
	Brain_Putamen_basal_ganglia	0.963345523		Brain_Caudate_basal_ganglia			
	7.563824571	0.00076325	7.563824571	-0.284896723			0.363469514
	0.035478412	0.250940983	1	0	0.998207054		
ARFGEF3	ENSG00000112379.8	0.973655189		1	1	0.973655189	
	Brain_Caudate_basal_ganglia	0.973655189		Brain_Caudate_basal_ganglia	1		1
	1	0.033024326	0.033024326	0.033024326	NA	1	0
	0.998207054						

CRAT	ENSG00000095321.16	0.973723858	6	4	0.598197445			
	Brain_Spinal_cord_cervical_c-1	0.899982572			Brain_Substantia_nigra			
	3.514146134	0.048151821	0.454752937		-0.41143424	0.526994447		
	-0.116412603	0.368878193	4	0	0.998207054			
SPACA6P-AS	ENSG00000269959.1	0.973761328	1	1	0.973761328			
	Brain_Cerebellum	0.973761328	Brain_Cerebellum1	1	1	0.032891228		
	0.032891228	0.032891228	NA	1	0	0.998207054		
LPAR1	ENSG00000198121.13	0.973763183	1	1	0.973763183			
	Brain_Hippocampus	0.973763183	Brain_Hippocampus	1	1	1		
	0.032888902	0.032888902	0.032888902	NA	1	0	0.998207054	
TMCC3	ENSG00000057704.12	0.973873069	2	2	0.849302021			
	Brain_Cerebellar_Hemisphere	0.914306261	Brain_Cerebellum1	1.11240452	0.88759548			
	0.88759548	-0.107608491	0.190009072	0.041200291	0.210447397	2		
	0	0.998207054						
KRT24	ENSG00000167916.4	0.973881612	3	3	0.754116026			
	Brain_Cerebellar_Hemisphere	0.969528653	Brain_Hypothalamus	1.927162785				
	0.083270462	0.083270462	0.038199458	0.313216708	0.166442655			
	0.138441924	3	0	0.998207054				
TCF24	ENSG00000261787.1	0.973899173	1	1	0.973899173			
	Brain_Caudate_basal_ganglia	0.973899173	Brain_Caudate_basal_ganglia1	1	1			
	1	0.032718372	0.032718372	0.032718372	NA	1	0	
	0.998207054							
ZNF286A	ENSG00000187607.15	0.973963619	8	7	0.37932243			
	Brain_Frontal_Cortex_BA9	0.930314057	Brain_Hippocampus	2.656935541				
	0.03659578	0.355135535	-0.20295689	0.879145427	0.29944649			
	0.331813323	7	0	0.998207054				
JOSD1	ENSG00000100221.10	0.973980003	2	2	0.850401655			
	Brain_Cerebellar_Hemisphere	0.8901976	Brain_Putamen_basal_ganglia	1.037987921				
	0.962012079	0.962012079	-0.138054177	0.188605968	0.025275895			
	0.230983604	2	0	0.998207054				
PARK2	ENSG00000185345.18	0.974106179	4	3	0.655612757	Brain_Cerebellum		
	0.839317316	Brain_Cortex	3.465551462	0.019809193	0.164019578			
	0.202766791	0.445978526	0.309890968	0.116936652	3	0		
	0.998207054							
ANKRD9	ENSG00000156381.8	0.974154389	11	3	0.605936083			
	Brain_Nucleus_accumbens_basal_ganglia	0.966416202	Brain_Cortex					
	8.846366668	0.002930801	0.587453358	-0.411729208	0.515883064			
	0.094259203	0.276357518	3	0	0.998207054			
RNF2	ENSG00000121481.10	0.974209944	1	1	0.974209944			
	Brain_Anterior_cingulate_cortex_BA24	0.974209944						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.032328672			
	0.032328672	0.032328672	NA	1	0	0.998207054		
TMOD3	ENSG00000138594.13	0.974260572	1	1	0.974260572			
	Brain_Nucleus_accumbens_basal_ganglia	0.974260572						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.032265186			
	-0.032265186	-0.032265186	NA	1	0	0.998207054		
ART5	ENSG00000167311.13	0.974290422	6	6	0.429973532			
	Brain_Spinal_cord_cervical_c-1	0.971616099	Brain_Hippocampus					
	1.249233006	0.753943124	0.753943124	-0.551383159	0.789236946			
	0.144940434	0.463080246	6	0	0.998207054			
MORN1	ENSG00000116151.13	0.974394977	8	6	0.244991001			
	Brain_Caudate_basal_ganglia	0.779810586	Brain_Anterior_cingulate_cortex_BA24					
	5.343926148	0.025116652	0.232988575	-1.162602044	-0.279565882			
	-0.612021929	0.277541535	6	0	0.998207054			
KHK	ENSG00000138030.12	0.974742277	3	2	0.83381571			
	Brain_Caudate_basal_ganglia	0.899248944	Brain_Putamen_basal_ganglia					
	2.775216681	0.007334778	0.217448541	-0.20981033	-0.126610174			
	-0.155014327	0.047465396	2	0	0.998207054			
ROS1	ENSG00000047936.10	0.97486253	2	2	0.823841441			
	Brain_Frontal_Cortex_BA9	0.886482834	Brain_Cortex	1.750859443				
	0.249140557	0.249140557	0.142756068	0.222606932	0.1826815			
	0.056463087	2	0	0.998207054				

RP11-96L14.8	ENSG00000282872.1	0.974906129	1	1	0.974906129			
	Brain_Hypothalamus	0.974906129			Brain_Hypothalamus	1	1	1
	-0.031455689	-0.031455689			NA	1	0	0.998207054
GLYR1	ENSG00000140632.16	0.974906215	3	3	0.655040752			
	Brain_Frontal_Cortex_BA9	0.808394424			Brain_Cortex	1.957847854		
	0.301595202	0.301595202			0.242497848	0.446770529		0.321469342
	0.109734508	3	0	0.998207054				
AC004449.6	ENSG00000261204.1	0.975032186	2	2	0.835302109			
	Brain_Spinal_cord_cervical_c-1	0.952369148			Brain_Cerebellum	1.121833828		
	0.878166172	0.878166172			0.05973192	0.207906326		0.133819123
	0.104775127	2	0	0.998207054				
LINC01933	ENSG00000254226.5	0.975310298	3	3	0.727481821			
	Brain_Cerebellum	0.780502619			Brain_Cortex	1.679933604		0.353378557
	0.353378557	-0.341192516			0.348477217	-0.090459798		0.381414116
	3	0	0.998207054					
ERP27	ENSG00000139055.6	0.975424835	2	2	0.827818434			
	Brain_Nucleus_accumbens_basal_ganglia	0.976190786			Brain_Hypothalamus			
	1.3506847	0.6493153	0.6493153		-0.217500351	-0.029844855		-0.123672603
	0.132692473	2	0	0.998207054				
RP11-460M2.1	ENSG00000282890.1	0.975530841	2	2	0.841524128			
	Brain_Cerebellum	0.84383976			Brain_Cerebellar_Hemisphere	1.590271624		
	0.409728376	0.409728376			0.196984381	0.19994432		0.19846435
	0.002092993	2	0	0.998207054				
ANAPC4	ENSG00000053900.10	0.97553796	12	3	0.265641206			
	Brain_Anterior_cingulate_cortex_BA24	0.963387297			Brain_Frontal_Cortex_BA9			
	9.137009577	0.000420031			0.549892051	-0.379268492		1.113156536
	0.235246362	0.383896007	3	0	0.998207054			
APOL3	ENSG00000128284.19	0.975573879	3	3	0.656252586			
	Brain_Hippocampus	0.976368853			Brain_Cortex	1.065476165		
	0.954305087	0.954305087			-0.13711555	0.445092946		0.092785272
	0.309805199	3	0	0.998207054				
XAF1	ENSG00000132530.16	0.975577765	1	1	0.975577765			
	Brain_Hippocampus	0.975577765			Brain_Hippocampus	1	1	1
	-0.030613514	-0.030613514			-0.030613514	NA	1	0
								0.998207054
EMSY	ENSG00000158636.16	0.975606245	1	1	0.975606245			
	Brain_Anterior_cingulate_cortex_BA24	0.975606245						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.030577802			
	0.030577802	0.030577802			NA	1	0	0.998207054
RP11-554D14.8	ENSG00000274395.1	0.97566372	3	2	0.824621286			
	Brain_Hypothalamus	0.905394448			Brain_Cerebellar_Hemisphere	2.514146239		
	0.004666496	0.481187265			0.118849681	0.221605134		0.172415193
	0.051517279	2	0	0.998207054				
AMFR	ENSG00000159461.14	0.975695149	6	6	0.778266994			
	Brain_Spinal_cord_cervical_c-1	0.961662903			Brain_Cerebellum	3.006706262		
	0.123802383	0.123802383			-0.276691707	0.281578153		-0.048840701
	0.230956099	6	0	0.998207054				
PPIL3	ENSG00000240344.8	0.975790453	13	1	0.67839118	Brain_Amygdala		
	0.990893185	Brain_Frontal_Cortex_BA9	12.41902591		0.000800089			
	12.41902591	-0.302116391			0.414659506	-0.02839044		0.233353272
	1	0	0.998207054					
SLC25A2	ENSG00000120329.6	0.975855572	1	1	0.975855572			
	Brain_Frontal_Cortex_BA9	0.975855572			Brain_Frontal_Cortex_BA9	1	1	
	1	0.030265173			0.030265173	NA	1	0
	0.998207054							
PRPSAP2	ENSG00000141127.14	0.975932496	13	2	0.656668406			
	Brain_Cerebellar_Hemisphere	0.967233102			Brain_Hippocampus	11.59408318		
	0.001177929	0.541415677			-0.215363598	0.444517602		0.11815368
	0.201010699	2	0	0.998207054				
CCM2L	ENSG00000101331.15	0.976033152	2	2	0.836965861			
	Brain_Nucleus_accumbens_basal_ganglia	0.924773612			Brain_Cerebellar_Hemisphere			
	1.07819298	0.92180702	0.92180702		0.094422413	0.205776036		0.150099225
	0.078738901	2	0	0.998207054				

ESRP1 ENSG00000104413.15 0.976042838 3 3 0.687574623
 Brain_Frontal_Cortex_BA9 0.879076202 Brain_Cortex 2.416151342
 0.287688069 0.287688069 0.152140399 0.40214866 0.283719215
 0.12552176 3 0 0.998207054
 RP11-480C22.1 ENSG00000273409.2 0.976058728 2 2 0.866248917
 Brain_Hypothalamus 0.898205156 Brain_Hippocampus 1.079500529
 0.920499471 0.920499471 -0.127929007 0.168425032 0.020248012
 0.20955395 2 0 0.998207054
 GSDMB ENSG00000073605.18 0.976401478 6 2 0.748851906 Brain_Cortex
 0.968040031 Brain_Putamen_basal_ganglia 5.504278987 0.001414112
 0.340776007 -0.144241755 0.320153586 0.092227012 0.152344956
 2 0 0.998207054
 CLEC4A ENSG00000111729.13 0.976476469 3 3 0.713219613
 Brain_Anterior_cingulate_cortex_BA24 0.972030826 Brain_Cerebellum
 1.781616396 0.220878944 0.220878944 -0.367535505 -0.035061343
 -0.196389055 0.166454416 3 0 0.998207054
 HSF2BP ENSG00000160207.8 0.976590684 2 2 0.829151803
 Brain_Anterior_cingulate_cortex_BA24 0.851122497
 Brain_Nucleus_accumbens_basal_ganglia 1.788666786 0.211333214
 0.211333214 -0.215789539 -0.187686394 -0.201737967 0.019871925
 2 0 0.998207054
 CLCA2 ENSG00000137975.7 0.976704802 3 3 0.724929662
 Brain_Hippocampus 0.997331227 Brain_Substantia_nigra 1.89830186
 0.157118983 0.157118983 -0.155732551 0.351878129 0.066496798
 0.259631046 3 0 0.998207054
 TPH2 ENSG00000139287.12 0.976725821 1 1 0.976725821
 Brain_Frontal_Cortex_BA9 0.976725821 Brain_Frontal_Cortex_BA9 1 1
 1 -0.029173995 -0.029173995 -0.029173995 NA 1 0
 0.998207054
 RNASE1 ENSG00000129538.13 0.976826781 1 1 0.976826781
 Brain_Hypothalamus 0.976826781 Brain_Hypothalamus 1 1 1
 -0.029047407 -0.029047407 -0.029047407 NA 1 0 0.998207054
 TRMT1 ENSG00000104907.12 0.976964435 1 1 0.976964435
 Brain_Substantia_nigra 0.976964435 Brain_Substantia_nigra 1 1
 1 -0.028874811 -0.028874811 -0.028874811 NA 1 0
 0.998207054
 PELP1 ENSG00000141456.14 0.977005132 4 3 0.660727282
 Brain_Spinal_cord_cervical_c-1 0.980094255 Brain_Caudate_basal_ganglia
 2.70161426 0.068456472 0.230666474 -0.438909267 0.02495074
 -0.168058229 0.197209507 3 0 0.998207054
 CTD-2024P10.2 ENSG00000271874.1 0.97707515 1 1 0.97707515
 Brain_Spinal_cord_cervical_c-1 0.97707515 Brain_Spinal_cord_cervical_c-1 1
 1 1 -0.028735994 -0.028735994 -0.028735994 NA 1 0
 0.998207054
 RTN4RL1 ENSG00000185924.6 0.977153269 1 1 0.977153269
 Brain_Cerebellum 0.977153269 Brain_Cerebellum 1 1 1 0.028638045
 0.028638045 0.028638045 NA 1 0 0.998207054
 LINC00163 ENSG00000234880.1 0.977202239 1 1 0.977202239
 Brain_Spinal_cord_cervical_c-1 0.977202239 Brain_Spinal_cord_cervical_c-1
 1 1 1 -0.028576645 -0.028576645 -0.028576645 NA 1 0
 0.998207054
 OAT ENSG00000065154.11 0.977292924 4 3 0.67513157
 Brain_Cerebellar_Hemisphere 0.901009675 Brain_Cerebellum 2.122296026
 0.050722793 0.819648349 -0.419115709 0.210834193 -0.034548681
 0.29923576 3 0 0.998207054
 SLC36A1 ENSG00000123643.12 0.977300442 11 8 0.34198239
 Brain_Hippocampus 0.976408912 Brain_Putamen_basal_ganglia 3.892082934
 0.020959403 0.157150081 -0.235129121 0.950255607 0.265608357
 0.426897106 8 0 0.998207054
 GABRA6 ENSG00000145863.10 0.977383262 3 3 0.748084229
 Brain_Caudate_basal_ganglia 0.906485467 Brain_Cerebellum 1.888207827
 0.121037148 0.121037148 -0.321166485 0.2362483 0.010851509

	0.293604958	3	0	0.998207054					
RP11-147L13.12	ENSG00000274561.1			0.977417643	4	3	0.647082468		
	Brain_Caudate_basal_ganglia	0.848171578		Brain_Cortex			3.025428709		
	0.049437574	0.290797999		-0.457819022		-0.19145188		-0.336161552	
	0.132778565	3	0	0.998207054					
SKA2	ENSG00000182628.12			0.9774532	13	6	0.311489718		
	Brain_Spinal_cord_cervical_c-1	0.875752732		Brain_Substantia_nigra					
	9.471688956	0.01012206	0.344219912	-1.012101098			-0.156355601		
	-0.506343474	0.223116614		6	0	0.998207054			
BATF	ENSG00000156127.6			0.977487383	1	1	0.977487383	Brain_Cerebellum	
	0.977487383	Brain_Cerebellum	1	1	1	-0.028219127		-0.028219127	
	-0.028219127	NA	1	0	0.998207054				
ERVK3-1	ENSG00000142396.10			0.977550246	2	2	0.881141403		
	Brain_Cerebellar_Hemisphere	0.982407225		Brain_Cerebellum	1.636083556				
	0.363916444	0.363916444		-0.149522441		0.022051061		-0.06373569	
	0.121320787	2	0	0.998207054					
GPRIN2	ENSG00000204175.5			0.977613478	5	5	0.478163253		
	Brain_Amygdala	0.932015823		Brain_Cerebellum	1.618406056		0.400418195		
	0.400418195	-0.245884234		0.709259827		0.131313452		0.416346941	
	5	0	0.998207054						
ESF1	ENSG00000089048.14			0.977621181	1	1	0.977621181	Brain_Cerebellum	
	0.977621181	Brain_Cerebellum	1	1	1	0.028051369		0.028051369	
	0.028051369	NA	1	0	0.998207054				
MARS	ENSG00000166986.14			0.977667068	2	2	0.848896221	Brain_Cerebellum	
	0.944292035	Brain_Cerebellar_Hemisphere	1.123806143		0.876193857				
	0.876193857	-0.190526958	0.069876403		-0.060325278		0.184132982		
	2	0	0.998207054						
SMIM25	ENSG00000224397.5			0.977677961	1	1	0.977677961		
	Brain_Cortex	0.977677961	Brain_Cortex	1	1	1	-0.027980177		
	-0.027980177	-0.027980177	NA	1	0	0.998207054			
PXK	ENSG00000168297.15			0.978003705	6	5	0.653652669		
	Brain_Cerebellar_Hemisphere	0.995747703		Brain_Frontal_Cortex_BA9					
	3.394416458	0.068758039	0.136366432		-0.448693646		0.163236048		
	-0.144476035	0.224877759		5	0	0.998207054			
LINC00839	ENSG00000185904.11			0.978157118	12	9	0.34886266		
	Brain_Spinal_cord_cervical_c-1	0.90458692	Brain_Cerebellum	5.887540748					
	0.008069771	0.249815264		-0.936797639		0.477877943		-0.204307926	
	0.361992004	9	0	0.998207054					
CTD-2538C1.2	ENSG00000267475.1			0.97824388	5	4	0.62250346		
	Brain_Caudate_basal_ganglia	0.923019709	Brain_Putamen_basal_ganglia						
	3.189801118	0.03599595	0.397617887		-0.23570795		0.492305405		
	0.144006918	0.300173626		4	0	0.998207054			
TAS2R19	ENSG00000212124.2			0.97843646	3	3	0.67496873		
	Brain_Cerebellar_Hemisphere	0.767771946	Brain_Cerebellum	2.385307968					
	0.11638693	0.11638693	0.295290536		0.419338546		0.351495056		
	0.062837699	3	0	0.998207054					
TMEM160	ENSG00000130748.6			0.978459376	1	1	0.978459376		
	Brain_Caudate_basal_ganglia	0.978459376	Brain_Caudate_basal_ganglia	1	1				
	1	-0.027000449	-0.027000449		-0.027000449	NA	1	0	
	0.998207054								
RP11-557L19.1	ENSG00000272002.1			0.978564152	5	5	0.48756074		
	Brain_Hippocampus	0.942198663	Brain_Frontal_Cortex_BA9	1.699862556					
	0.638758741	0.638758741		-0.694193704		-0.072506713		-0.407372914	
	0.276294412	5	0	0.998207054					
STK31	ENSG00000196335.12			0.978581331	9	5	0.589575387		
	Brain_Nucleus_accumbens_basal_ganglia	0.873955452	Brain_Substantia_nigra						
	5.103652735	0.026522612	0.266329325		-0.539451452		0.304898154		
	-0.086514116	0.341507989		5	0	0.998207054			
CABP4	ENSG00000175544.13			0.978611759	4	4	0.679816561		
	Brain_Hippocampus	0.975971013	Brain_Cerebellum	2.466071396					
	0.123549412	0.123549412		-0.030120423		0.412713462		0.234886204	
	0.214330531	4	0	0.998207054					

RP11-385F7.1	ENSG00000270761.1	0.97871591	3	1	0.811196441	
	Brain_Cerebellum	0.97189152	Brain_Cerebellar_Hemisphere	2.895786442		
	0.016757736	2.895786442	-0.124924897	0.238882828	0.026240629	
	0.189535093	1	0	0.998207054		
DPP9	ENSG00000142002.16	0.978834764	3	2	0.838613336	Brain_Cerebellum
	0.987682777	Brain_Cerebellar_Hemisphere	2.012466183	0.006512991		
	0.981020826	-0.061412803	0.203667507	0.052564222	0.136384244	
	2	0	0.998207054			
TMCO1	ENSG00000143183.16	0.978867449	3	3	0.674119399	
	Brain_Caudate_basal_ganglia	0.901443742	Brain_Cortex	2.239886024		
	0.078680499	0.078680499	-0.420501138	-0.123837749	-0.238164521	
	0.159597292	3	0	0.998207054		
SORD	ENSG00000140263.13	0.979000336	5	1	0.892235646	
	Brain_Frontal_Cortex_BA9	0.981641743	Brain_Hypothalamus	4.79481105		
	0.000431553	4.79481105	-0.135475864	0.090922256	-0.026772243	
	0.102322886	1	0	0.998207054		
LINC00484	ENSG00000235641.4	0.979039589	2	2	0.837708975	
	Brain_Cerebellar_Hemisphere	0.86356002	Brain_Cerebellum	1.776441098		
	0.223558902	0.223558902	-0.204824845	-0.171844195	-0.18833452	
	0.023320841	2	0	0.998207054		
FLT3	ENSG00000122025.14	0.979096437	13	1	0.632698871	Brain_Amygdala
	0.99837817	Brain_Hippocampus	12.16484739	0.00403485	12.16484739	
	-0.423298866	0.477931626	0.021386322	0.263242802	1	0
	0.998207054					
C1QTNF9B	ENSG00000205863.10	0.979300356	5	4	0.604793285	
	Brain_Spinal_cord_cervical_c-1	0.831541221	Brain_Cortex	2.715610595		
	0.014874599	0.276991542	-0.318017902	0.517519894	0.006777279	
	0.370740303	4	0	0.998207054		
FBXO40	ENSG00000163833.7	0.979385781	1	1	0.979385781	
	Brain_Cerebellum	0.979385781	Brain_Cerebellum	1	1	0.025838967
	0.025838967	0.025838967	NA	1	0	0.998207054
ANKIB1	ENSG00000001629.9	0.979392631	1	1	0.979392631	
	Brain_Caudate_basal_ganglia	0.979392631	Brain_Caudate_basal_ganglia	1	1	
	1	0.02583038	0.02583038	0.02583038	NA	1
	0.02583038	0.02583038	0.02583038	NA	1	0
	0.998207054					
TMEM223	ENSG00000168569.7	0.97955018	3	3	0.752189634	
	Brain_Putamen_basal_ganglia	0.919357164	Brain_Caudate_basal_ganglia	1.19912482		
	0.819604564	0.819604564	-0.101243502	0.315753475	0.147779029	
	0.219995941	3	0	0.998207054		
ZNF28	ENSG00000198538.10	0.979627363	3	3	0.724951573	
	Brain_Cerebellar_Hemisphere	0.848624274	Brain_Nucleus_accumbens_basal_ganglia			
	1.264570556	0.747832032	0.747832032	-0.351848915	-0.190874047	
	-0.262040535	0.082090603	3	0	0.998207054	
VPS52	ENSG00000223501.8	0.97968646	1	1	0.97968646	Brain_Caudate_basal_ganglia
	0.97968646	Brain_Caudate_basal_ganglia	1	1	-0.025461998	
	-0.025461998	-0.025461998	NA	1	0	0.998207054
IFNA2	ENSG00000188379.6	0.979755659	1	1	0.979755659	
	Brain_Nucleus_accumbens_basal_ganglia	0.979755659				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.025375241	
	0.025375241	0.025375241	NA	1	0	0.998207054
KCNK10	ENSG00000100433.15	0.979855813	2	2	0.845775541	
	Brain_Cerebellum	0.918767776	Brain_Cerebellar_Hemisphere	1.258488947		
	0.741511053	0.741511053	0.101986014	0.194511309	0.148248662	
	0.065425264	2	0	0.998207054		
TTC21A	ENSG00000168026.18	0.979860544	6	5	0.516513818	
	Brain_Putamen_basal_ganglia	0.98826123	Brain_Cerebellum	2.983938516		
	0.032804199	0.127402355	-0.179221361	0.648728596	0.159063532	
	0.326614248	5	0	0.998207054		
MTMR2	ENSG00000087053.18	0.979870875	2	2	0.867143629	
	Brain_Putamen_basal_ganglia	0.93539054	Brain_Substantia_nigra	1.177902922		
	0.822097078	0.822097078	-0.167287767	0.081064648	-0.04311156	
	0.175611677	2	0	0.998207054		
KCNMB3	ENSG00000171121.16	0.979877257	7	7	0.603875663	

	Brain_Spinal_cord_cervical_c-1	0.874792452			Brain_Putamen_basal_ganglia			
	3.172167032	0.244267747	0.244267747		-0.507546584	0.518835209		
	-0.067794968	0.396058097	7	0	0.998207054			
RP11-820I16.1	ENSG00000267079.1	0.979989484	10	4	0.554656604			
	Brain_Nucleus_accumbens_basal_ganglia	0.982304537			Brain_Substantia_nigra			
	7.896344953	0.003019041	0.318230169		-0.590796763	0.285740114		
	-0.135172093	0.270038069	4	0	0.998207054			
C4orf26	ENSG00000174792.10	0.980003831	10	7	0.504645825			
	Brain_Amygdala	0.872459034			Brain_Substantia_nigra	5.249671716		
	0.025498524	0.390790018	-0.612092338		0.667197754	-0.132256792		
	0.390654198	7	0	0.998207054				
HOKK2	ENSG00000095066.11	0.980044271	1	1	0.980044271	Brain_Cerebellum		
	0.980044271	Brain_Cerebellum1	1	1	-0.025013405	-0.025013405		
	-0.025013405	NA	1	0	0.998207054			
MAP3K11	ENSG00000173327.7	0.980058226	3	2	0.917703723			
	Brain_Cerebellar_Hemisphere	0.99578944	Brain_Cerebellum	2.726073035				
	0.045347502	0.228579463	-0.103326653		0.065773105	-0.01075879		
	0.085682824	2	0	0.998207054				
CLDN20	ENSG00000171217.5	0.98006885	1	1	0.98006885			
	Brain_Caudate_basal_ganglia	0.98006885	Brain_Caudate_basal_ganglia	1	1	1		
	0.02498259	0.02498259	0.02498259	NA	1	0	0.998207054	
COL3A1	ENSG00000168542.14	0.980089305	1	1	0.980089305			
	Brain_Putamen_basal_ganglia	0.980089305	Brain_Putamen_basal_ganglia	1	1			
	1	-0.024956946	-0.024956946	-0.024956946	NA	1	0	
	0.998207054							
NUP188	ENSG00000095319.14	0.980109282	2	2	0.842634623			
	Brain_Putamen_basal_ganglia	0.88454964	Brain_Substantia_nigra	1.812851704				
	0.187148296	0.187148296	-0.198524621		-0.145204213	-0.171864417		
	0.037703223	2	0	0.998207054				
RGS11	ENSG00000076344.15	0.980308618	8	8	0.19372049	Brain_Cerebellum		
	0.989782055	Brain_Putamen_basal_ganglia	1.647091724		0.482968438			
	0.482968438	-0.401074187	1.299651355		0.220204587	0.526575992		
	8	0	0.998207054					
NUDT16L1	ENSG00000168101.14	0.980339832	3	2	0.851886983			
	Brain_Cerebellar_Hemisphere	0.915314967	Brain_Cerebellum	1.98932022				
	0.011930323	0.998749458	-0.131295643		0.186711316	0.053917561		
	0.165357054	2	0	0.998207054				
SAYS1	ENSG00000112167.9	0.980367252	5	5	0.436814212			
	Brain_Caudate_basal_ganglia	0.875918178	Brain_Frontal_Cortex_BA9					
	1.389117528	0.568386956	0.568386956		-0.156145698	0.777584144		
	0.266877842	0.334709776	5	0	0.998207054			
XKR9	ENSG00000221947.7	0.980688571	13	1	0.672641085	Brain_Cortex		
	0.960650676	Brain_Spinal_cord_cervical_c-1	12.73401771		0.00020302			
	12.73401771	-0.422526058	0.381397704		-0.023065746	0.221418186		
	1	0	0.998207054					
FGFR10P2	ENSG00000111790.13	0.980715649	1	1	0.980715649			
	Brain_Cerebellum	0.980715649	Brain_Cerebellum	1	1	1	0.024171703	
	0.024171703	0.024171703	NA	1	0	0.998207054		
TM2D2	ENSG00000169490.16	0.9807304	4	2	0.831919912			
	Brain_Cerebellar_Hemisphere	0.993717973	Brain_Cerebellum	2.901950469				
	0.029255456	1.000157884	-0.212239859		0.188600585	0.011144794		
	0.167155242	2	0	0.998207054				
UBXN2B	ENSG00000215114.8	0.980753177	8	5	0.633143388			
	Brain_Nucleus_accumbens_basal_ganglia	0.963913849	Brain_Amygdala					
	5.531628085	0.017676701	0.292818861		-0.477307195	0.395111507		
	-0.121288959	0.277275137	5	0	0.998207054			
MYO18A	ENSG00000196535.15	0.980761426	1	1	0.980761426			
	Brain_Hypothalamus	0.980761426	Brain_Hypothalamus	1	1	1		
	0.024114314	0.024114314	0.024114314	NA	1	0	0.998207054	
CHST15	ENSG00000182022.17	0.980762414	1	1	0.980762414			
	Brain_Cerebellum	0.980762414	Brain_Cerebellum	1	1	1	-0.024113075	
	-0.024113075	-0.024113075	NA	1	0	0.998207054		

ZKSCAN3	ENSG00000189298.13	0.980819262	10	8	0.413310426			
	Brain_Putamen_basal_ganglia	0.936471076				Brain_Caudate_basal_ganglia		
	5.591560378	0.016016643	0.188678879			-0.421686824	0.818081896	
	0.115551115	0.382613331	8	0	0.998207054			
RIOK1	ENSG00000124784.8	0.980824107	13	3	0.545427177			
	Brain_Putamen_basal_ganglia	0.974742426				Brain_Cortex	10.5608647	
	0.003260339	0.770513825	-0.604626527			0.531456661	-0.155045063	
	0.335361786	3	0	0.998207054				
DPYSL2	ENSG00000092964.17	0.980878832	1	1	0.980878832			
	Brain_Anterior_cingulate_cortex_BA24	0.980878832						
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.023967125			
	0.023967125	0.023967125	NA	1	0	0.998207054		
IRF2	ENSG00000168310.10	0.980963119	1	1	0.980963119			
	Brain_Hypothalamus	0.980963119				Brain_Hypothalamus	1	1
	-0.023861456	-0.023861456	-0.023861456	NA	1	0	0.998207054	
PTPRK	ENSG00000152894.14	0.981053364	2	2	0.873833739			
	Brain_Caudate_basal_ganglia	1.043679579				Brain_Cortex	0.956320421	
	0.914663495	0.107158176	0.158790748			0.132974462	0.036509741	
	0.956320421	0.107158176	0.158790748					
	2	0	0.998207054					
MIOS	ENSG00000164654.15	0.981071543	5	3	0.507971858			
	Brain_Nucleus_accumbens_basal_ganglia	0.937382686				Brain_Caudate_basal_ganglia		
	4.252389723	0.102485237	0.182637934			-0.661999007	0.605653752	
	0.001004647	0.484943352	3	0	0.998207054			
PLIN2	ENSG00000147872.9	0.981119663	2	2	0.851418478			
	Brain_Nucleus_accumbens_basal_ganglia	1.020617207						
	0.959137275	0.979382793	-0.187308858			0.051236239	-0.06803631	
	0.979382793	0.979382793	-0.187308858					
	0.168676856	2	0	0.998207054				
PAMR1	ENSG00000149090.11	0.981149654	2	2	0.888639207			
	Brain_Nucleus_accumbens_basal_ganglia	0.894074719						
	Brain_Spinal_cord_cervical_c-1	1.019052315				0.980947685	0.980947685	
	-0.133150043	0.140026305	0.003438131			0.193164848	2	0
	0.998207054							
POLR3B	ENSG00000013503.9	0.981156906	3	3	0.677312557			
	Brain_Cerebellar_Hemisphere	0.953828351				Brain_Anterior_cingulate_cortex_BA24		
	1.295190491	0.715160355	0.715160355			-0.416133173	-0.057899914	
	-0.196169288	0.19258313	3	0	0.998207054			
TTL5	ENSG00000119685.19	0.981200659	6	3	0.457102328			
	Brain_Putamen_basal_ganglia	0.983709936				Brain_Hippocampus	4.861418533	
	0.028896375	0.271517835	-0.743626729			-0.020417986	-0.294420503	
	0.257762407	3	0	0.998207054				
CNTNAP3	ENSG00000106714.17	0.981215456	2	2	0.870375326			
	Brain_Cerebellar_Hemisphere	0.911084388				Brain_Spinal_cord_cervical_c-1		
	1.033319637	0.966680363	0.966680363			-0.111670857	0.163181762	
	0.025755453	0.19435015	2	0	0.998207054			
PCDHGB6	ENSG00000253305.2	0.981258264	1	1	0.981258264			
	Brain_Nucleus_accumbens_basal_ganglia	0.981258264						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.023491443			
	0.023491443	0.023491443	NA	1	0	0.998207054		
STX17	ENSG00000136874.10	0.981290914	2	2	0.954788794			
	Brain_Caudate_basal_ganglia	0.976983699				Brain_Putamen_basal_ganglia		
	1.902606622	0.097393378	0.097393378			-0.028850657	0.056694201	
	0.013921772	0.060489349	2	0	0.998207054			
RRM2	ENSG00000171848.13	0.981315172	1	1	0.981315172			
	Brain_Cerebellum	1	1	1	-0.023420101		-0.023420101	
	-0.023420101	NA	1	0	0.998207054			
ZFAND4	ENSG00000172671.19	0.9813223	6	5	0.655890492			
	Brain_Anterior_cingulate_cortex_BA24	3.627246978						
	0.92341072	-0.445594074	0.412275816			0.162764556	0.318528138	
	0.215444921	-0.445594074	0.412275816					
	5	0	0.998207054					
TBC1D8	ENSG00000204634.12	0.981326501	1	1	0.981326501			
	Brain_Caudate_basal_ganglia	0.981326501				Brain_Caudate_basal_ganglia	1	1
	1	-0.023405898	-0.023405898			-0.023405898	NA	1
								0

0.998207054									
MAIP1	ENSG00000162972.10	0.981418844	1	1	0.981418844	Brain_Amygdala			
	0.981418844	Brain_Amygdala	1	1	0.023290131		0.023290131		
	0.023290131	NA	1	0	0.998207054				
RP5-1068E13.7	ENSG00000273148.1	0.981586049	1	1	0.981586049				
	Brain_Amygdala	0.981586049	Brain_Amygdala	1	1	1	-0.023080515		
	-0.023080515	-0.023080515	NA	1	0	0.998207054			
PCDHA8	ENSG00000204962.5	0.981657825	5	2	0.659875485				
	Brain_Frontal_Cortex_BA9	0.854919311	Brain_Nucleus_accumbens_basal_ganglia						
	4.35974858	0.009536243	0.489928372	-0.22387791	0.440085084				
	0.174557935	0.243995851	2	0	0.998207054				
BAG6	ENSG00000204463.12	0.981734013	11	8	0.279536515	Brain_Amygdala			
	0.94474825	Brain_Cerebellar_Hemisphere	6.053508032	0.010236094					
	0.221454787	-1.081361107	0.295445512	-0.274310239	0.477658368				
	8	0	0.998207054						
MAPKAPK5	ENSG00000089022.13	0.98175616	2	2	0.848518141	Brain_Cerebellum			
	0.914214884	Brain_Cortex	1.638281915	0.361718085	0.361718085				
	0.107723681	0.191009511	0.149366596	0.058891976	2	0			
	0.998207054								
ZNF778	ENSG00000170100.13	0.981800485	8	7	0.373205388				
	Brain_Frontal_Cortex_BA9	0.994829731	Brain_Putamen_basal_ganglia						
	2.747584101	0.08256232	0.12299512	-0.890485245	0.480999202				
	-0.146811669	0.394115536	7	0	0.998207054				
SLC38A10	ENSG00000157637.12	0.98183541	6	6	0.366621365				
	Brain_Cerebellar_Hemisphere	0.981469823	Brain_Nucleus_accumbens_basal_ganglia						
	1.680193258	0.3487048	0.3487048	-0.023226221	0.902820131				
	0.318812345	0.31465096	6	0	0.998207054				
TNPO3	ENSG00000064419.13	0.981900524	2	2	0.852577324				
	Brain_Putamen_basal_ganglia	0.866522264	Brain_Hypothalamus	1.743682685					
	0.256317315	0.256317315	0.168077558	0.185830961	0.176954259				
	0.012553552	2	0	0.998207054					
ZNF790	ENSG00000197863.8	0.981953089	3	3	0.766588783				
	Brain_Nucleus_accumbens_basal_ganglia	0.92020061	Brain_Putamen_basal_ganglia						
	1.527568178	0.282422664	0.282422664	-0.256002393	0.296839846				
	-0.019781191	0.285055671	3	0	0.998207054				
CD276	ENSG00000103855.17	0.981971076	2	2	0.84872842				
	Brain_Caudate_basal_ganglia	0.907763478	Brain_Cortex	1.61634772	0.38365228				
	0.38365228	-0.190741121	-0.115860024	-0.153300573	0.052948931	2			
	0	0.998207054							
ALG10	ENSG00000139133.6	0.982026313	2	2	0.889518226				
	Brain_Hypothalamus	0.984897046	Brain_Putamen_basal_ganglia	1.608243252					
	0.391756748	0.391756748	-0.018929876	0.13891385	0.059991987				
	0.111612369	2	0	0.998207054					
WDR74	ENSG00000133316.15	0.982059176	3	3	0.732060727				
	Brain_Cerebellar_Hemisphere	0.863557397	Brain_Cerebellum	1.342079337					
	0.665155134	0.665155134	-0.342385596	-0.17184753	-0.249058935				
	0.086403611	3	0	0.998207054					
TTPAL	ENSG00000124120.10	0.982164633	2	2	0.869463011	Brain_Cerebellum			
	0.911895477	Brain_Putamen_basal_ganglia	1.099358922	0.900641078					
	0.900641078	-0.164340614	-0.110648008	-0.137494311	0.037966406				
	2	0	0.998207054						
LYNX1	ENSG00000283992.1	0.982199606	5	5	0.534666704				
	Brain_Substantia_nigra	0.96736501	Brain_Cerebellum	2.710630613					
	0.176171254	0.176171254	-0.477681658	0.62089805	0.070620519				
	0.401576682	5	0	0.998207054					
CDK5R1	ENSG00000176749.8	0.982257523	1	1	0.982257523				
	Brain_Caudate_basal_ganglia	0.982257523	Brain_Caudate_basal_ganglia	1	1				
	1	-0.02223873	-0.02223873	-0.02223873	NA	1	0		
	0.998207054								
PPM1D	ENSG00000170836.11	0.982341789	2	2	0.864656741				
	Brain_Cerebellar_Hemisphere	0.927991474	Brain_Substantia_nigra						
	1.055056696	0.944943304	0.944943304	-0.170449379	-0.090372167				

	-0.130410773	0.05662314	2	0	0.998207054				
UBA52	ENSG00000221983.7	0.98238163	5	5	0.461422553	Brain_Cortex			
	0.859189092	Brain_Cerebellar_Hemisphere			1.84686735	0.287652932			
	0.287652932	-0.736506435		0.29872744	-0.120993378	0.493567793		5	
	0	0.998207054							
CASP8	ENSG00000064012.21	0.982634172		6	1	0.690553841	Brain_Cerebellum		
	0.974350754	Brain_Cortex		5.699426312		0.002227901	5.699426312		
	-0.398103572	0.208162896		-0.025729594		0.222313917	1	0	
	0.998207054								
LHFPL5	ENSG00000197753.8	0.982756999		1	1	0.982756999			
	Brain_Spinal_cord_cervical_c-1	0.982756999				Brain_Spinal_cord_cervical_c-1			
	1	1		-0.021612579	-0.021612579	-0.021612579	NA	1	0
	0.998207054								
RP11-151A10.3	ENSG00000282787.1	0.982757911		1	1	0.982757911			
	Brain_Hippocampus	0.982757911		Brain_Hippocampus		1	1	1	
	-0.021611437	-0.021611437		-0.021611437	NA	1	0	0.998207054	
FAM110B	ENSG00000169122.11	0.98282742	2	2	0.881667953				
	Brain_Caudate_basal_ganglia	0.920154365		Brain_Cerebellar_Hemisphere					
	1.075133491	0.924866509		0.924866509		-0.100239277	0.148855123		
	0.024307923	0.176136339		2	0	0.998207054			
PLSCR4	ENSG00000114698.14	0.982859898		7	4	0.691358768			
	Brain_Cerebellar_Hemisphere	0.989072904		Brain_Substantia_nigra					
	5.204075256	0.007490846		0.2836795	0.013695512	0.397011789			
	0.26967751	0.147160481		4	0	0.998207054			
GTF2H4	ENSG00000213780.10	0.982932645		4	4	0.660088515			
	Brain_Frontal_Cortex_BA9	0.891471009		Brain_Caudate_basal_ganglia					
	2.036018318	0.191049894		0.191049894		0.136443093	0.439790961		
	0.282268456	0.124035687		4	0	0.998207054			
MRPL42	ENSG00000198015.12	0.982934004		1	1	0.982934004			
	Brain_Cerebellum	0.982934004		Brain_Cerebellum		1	1	1	0.021390685
	0.021390685	0.021390685		NA	1	0	0.998207054		
DVL3	ENSG00000161202.17	0.983007255		1	1	0.983007255			
	Brain_Frontal_Cortex_BA9	0.983007255		Brain_Frontal_Cortex_BA9		1	1		
	1	-0.021298858		-0.021298858	-0.021298858	NA	1	0	
	0.998207054								
CORO1C	ENSG00000110880.10	0.983025775		4	4	0.541390072			
	Brain_Nucleus_accumbens_basal_ganglia	0.996533046		Brain_Frontal_Cortex_BA9					
	2.571358109	0.127282992		0.127282992		-0.610712284	-0.004345197		
	-0.17541943	0.291191646		4	0	0.998207054			
ZNF714	ENSG00000160352.15	0.983047902		7	7	0.416508718			
	Brain_Cerebellum	0.879662442		Brain_Frontal_Cortex_BA9		3.654840814			
	0.307803518	0.307803518		-0.151397145		0.812493145	0.354885733		
	0.314726766	7	0	0.998207054					
HKDC1	ENSG00000156510.12	0.983089019		3	3	0.695790022	Brain_Amygdala		
	0.935155813	Brain_Nucleus_accumbens_basal_ganglia		1.323627663					
	0.696065434	0.696065434		0.081359806		0.391009759	0.224107965		
	0.156231629	3	0	0.998207054					
FXYD2	ENSG00000137731.13	0.983112435		7	7	0.52243087			
	Brain_Anterior_cingulate_cortex_BA24	0.962399312		Brain_Frontal_Cortex_BA9					
	1.637085224	0.446869112		0.446869112		-0.639602787	0.601543279		
	0.031358849	0.496427897		7	0	0.998207054			
LINC00836	ENSG00000280809.2	0.983340655		3	3	0.743013114			
	Brain_Cerebellum	0.977896022		Brain_Cerebellar_Hemisphere		1.067091717			
	0.932312946	0.932312946		-0.232069551		0.327865825	0.0226965		
	0.283350091	3	0	0.998207054					
RP11-253I19.3	ENSG00000255670.1	0.983390752		3	3	0.786993913			
	Brain_Frontal_Cortex_BA9	0.897258789		Brain_Anterior_cingulate_cortex_BA24					
	1.3312793	0.656638504		0.656638504		-0.270216222	-0.129124938		
	-0.206964072	0.071667794		3	0	0.998207054			
ITSN1	ENSG00000205726.14	0.983442323		3	3	0.843788949			
	Brain_Spinal_cord_cervical_c-1	0.867191047		Brain_Hypothalamus					
	1.649114829	0.43904132		0.43904132		-0.1672275	0.197049312		0.069686029

	0.205366359	3	0	0.998207054					
ABHD17C	ENSG00000136379.11			0.983461242	3	3	0.741628873		
	Brain_Cerebellar_Hemisphere	0.836180516					Brain_Caudate_basal_ganglia		
	1.542907656	0.413693102		0.413693102			-0.210619303	0.329697063	
	0.108619748	0.283217652		3	0	0.998207054			
PDCD2	ENSG00000071994.10			0.983525534	7	3	0.735935551		
	Brain_Cerebellar_Hemisphere	0.955200551					Brain_Hypothalamus	4.61270378	
	0.007668279	0.315840447		-0.056177318			0.337240577	0.177921731	
	0.125011665	3	0	0.998207054					
DNAJC1	ENSG00000136770.10			0.983620191	1	1	0.983620191		
	Brain_Caudate_basal_ganglia	0.983620191					Brain_Caudate_basal_ganglia	1	1
	1	-0.020530488		-0.020530488			NA	1	0
	0.998207054								
PLAUR	ENSG00000011422.11			0.983676375	2	2	0.863071495		
	Brain_Hippocampus	0.939277746					Brain_Amygdala	1.117381193	
	0.882618807	0.882618807		-0.076177673			0.172465611	0.048143969	
	0.175817352	2	0	0.998207054					
RIMS2	ENSG00000176406.22			0.983795594	2	2	0.893659781		
	Brain_Cerebellar_Hemisphere	0.913693251					Brain_Caudate_basal_ganglia		
	1.095319794	0.904680206		0.904680206			-0.133674739	0.108381279	
	-0.01264673	0.171159452		2	0	0.998207054			
KIAA1614	ENSG00000135835.11			0.983832195	7	7	0.434587712		
	Brain_Cortex	0.956952996					Brain_Cerebellar_Hemisphere	2.572055645	
	0.176542248	0.176542248		-0.781365235			0.335752317	-0.189983362	
	0.40555195	7	0	0.998207054					
EIF2AK4	ENSG00000128829.11			0.983855158	5	4	0.760916396		
	Brain_Hypothalamus	0.951963742					Brain_Anterior_cingulate_cortex_BA24		
	2.535545628	0.018826173		0.444879713			-0.203400766	0.304277618	
	0.128480401	0.207912926		4	0	0.998207054			
NEUROD6	ENSG00000164600.6			0.984020396	2	2	0.865652868		
	Brain_Cerebellar_Hemisphere	0.948522736					Brain_Putamen_basal_ganglia		
	1.027369041	0.972630959		0.972630959			-0.169182788	0.064562006	
	-0.052310391	0.165282529		2	0	0.998207054			
RAD54L	ENSG00000085999.11			0.984069915	9	5	0.521102118		
	Brain_Caudate_basal_ganglia	0.997687181					Brain_Frontal_Cortex_BA9		
	5.931293783	0.022979337		0.291483685			-0.641647449	0.541188557	
	0.051576978	0.383014084		5	0	0.998207054			
RP5-1098D14.1	ENSG00000273384.1			0.984135333	3	3	0.717865817		
	Brain_Caudate_basal_ganglia	0.966576966					Brain_Cerebellar_Hemisphere		
	1.290365751	0.692959162		0.692959162			-0.041901819	0.361312545	
	0.124372037	0.210691214		3	0	0.998207054			
UQCC2	ENSG00000137288.9			0.984211464	5	4	0.669478936		Brain_Amygdala
	0.986712449	Brain_Caudate_basal_ganglia		3.059861384			0.034171928		
	0.153086803	-0.426863247		0.098706812			-0.103831325	0.229286107	
	4	0		0.998207054					
MOB1A	ENSG00000114978.17			0.984216177	2	1	0.96890412		Brain_Cerebellum
	0.999545255	Brain_Cerebellar_Hemisphere		1.998580621			0.001419379		
	1.998580621	-0.038982778		-0.000569939			-0.019776358	0.027161979	
	1	0		0.998207054					
TMEM52	ENSG00000178821.12			0.98424482	1	1	0.98424482		Brain_Cerebellum
	0.98424482	Brain_Cerebellum		1	1	1	0.019747473	0.019747473	
	0.019747473	NA		1	0	0.998207054			
CEP170	ENSG00000143702.15			0.98430776	1	1	0.98430776		
	Brain_Nucleus_accumbens_basal_ganglia	0.98430776							
	Brain_Nucleus_accumbens_basal_ganglia	1		1	1	1	0.019668574		
	0.019668574	0.019668574		NA	1	0	0.998207054		
SPATA20	ENSG00000006282.20			0.98433571	13	3	0.535046166		
	Brain_Hypothalamus	0.99328129		Brain_Caudate_basal_ganglia			10.93864831		
	0.001289507	0.439767172		-0.620321465			0.61872643	-0.024076401	
	0.326299094	3	0	0.998207054					
CTU2	ENSG00000174177.12			0.984346488	10	5	0.4865203		
	Brain_Putamen_basal_ganglia	0.980994484					Brain_Cerebellum	7.099153362	

	0.007709139	0.316211023	-0.023822135	0.695853949	0.312271584			
	0.248865103	5	0	0.998207054				
DLGAP3	ENSG00000116544.11	0.984380545	1	1	0.984380545			
	Brain_Hypothalamus	0.984380545	Brain_Hypothalamus	1	1	1		
	0.019577334	0.019577334	0.019577334	NA	1	0	0.998207054	
Clorf226	ENSG00000239887.4	0.984492881	2	2	0.907713101			
	Brain_Cerebellar_Hemisphere	0.990115328	Brain_Cerebellum	1.799123468				
	0.200876532	0.200876532	0.012388916	0.115923589	0.064156252			
	0.073210069	2	0	0.998207054				
CFAP70	ENSG00000156042.17	0.984504327	5	3	0.826063464			
	Brain_Cortex	0.99000266	Brain_Hippocampus	4.064935175	0.008386923			
	0.376848468	-0.219753079	0.132301095	-0.066120763	0.133282848			
	3	0	0.998207054					
IGFBP2	ENSG00000115457.9	0.984521466	3	3	0.709154989			
	Brain_Cortex	0.954853598	Brain_Substantia_nigra	1.408592504				
	0.615672078	0.615672078	-0.372991206	0.05661285	-0.154248253			
	0.214910456	3	0	0.998207054				
KIF5B	ENSG00000170759.10	0.984591491	1	1	0.984591491			
	Brain_Cerebellar_Hemisphere	0.984591491	Brain_Cerebellar_Hemisphere	1	1			
	1	0.019312903	0.019312903	0.019312903	NA	1	0	
	0.998207054							
STK3	ENSG00000104375.15	0.984651113	1	1	0.984651113			
	Brain_Caudate_basal_ganglia	0.984651113	Brain_Caudate_basal_ganglia	1	1			
	1	-0.019238164	-0.019238164	-0.019238164	NA	1	0	
	0.998207054							
RP11-324E6.10	ENSG00000274191.1	0.984685152	2	2	0.862138507			
	Brain_Cortex	0.987447455	Brain_Caudate_basal_ganglia	1.062697058				
	0.937302942	0.937302942	-0.015732931	0.17365258	0.078959824			
	0.133915779	2	0	0.998207054				
MCEMP1	ENSG00000183019.7	0.984707506	1	1	0.984707506			
	Brain_Putamen_basal_ganglia	0.984707506	Brain_Putamen_basal_ganglia	1	1			
	1	-0.019167473	-0.019167473	-0.019167473	NA	1	0	
	0.998207054							
RAB1F	ENSG00000183155.4	0.984727026	1	1	0.984727026			
	Brain_Hippocampus	0.984727026	Brain_Hippocampus	1	1	1		
	0.019143003	0.019143003	0.019143003	NA	1	0	0.998207054	
ZNF492	ENSG00000229676.2	0.984859464	2	1	0.767766866			
	Brain_Cerebellum	0.796438532	Brain_Cerebellar_Hemisphere	1.935625719				
	0.064374281	1.935625719	-0.295297186	0.257959023	-0.018669082			
	0.391211217	1	0	0.998207054				
SLC32A1	ENSG00000101438.3	0.984860148	1	1	0.984860148			
	Brain_Cortex	0.984860148	Brain_Cortex	1	1	1	-0.018976129	
	-0.018976129	-0.018976129	NA	1	0	0.998207054		
PLIN3	ENSG00000105355.8	0.984907834	4	4	0.598068775		Brain_Cortex	
	0.905365739	Brain_Spinal_cord_cervical_c-1	1.998867844	0.446203503				
	0.446203503	-0.527179742	-0.118885918	-0.293619376	0.187087819			
	4	0	0.998207054					
STN1	ENSG00000107960.10	0.984990481	1	1	0.984990481			
	Brain_Putamen_basal_ganglia	0.984990481	Brain_Putamen_basal_ganglia	1	1			
	1	-0.018812752	-0.018812752	-0.018812752	NA	1	0	
	0.998207054							
MORN5	ENSG00000185681.12	0.985016872	2	2	0.881297132			
	Brain_Substantia_nigra	0.921022441	Brain_Hippocampus	1.070398752				
	0.929601248	0.929601248	-0.149325072	0.099145885	-0.025089594			
	0.175695499	2	0	0.998207054				
SLC7A6	ENSG00000103064.13	0.985120348	1	1	0.985120348			
	Brain_Nucleus_accumbens_basal_ganglia	0.985120348						
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.01864996			
	-0.01864996	-0.01864996	NA	1	0	0.998207054		
AOX1	ENSG00000138356.13	0.985127724	3	3	0.755667668		Brain_Cerebellum	
	0.927942367	Brain_Caudate_basal_ganglia	1.254043536	0.757866187				
	0.757866187	0.090433965	0.311174894	0.213485261	0.112534661			

	3	0	0.998207054						
ZNF543	ENSG00000178229.7	0.985140129	1	1	0.985140129				
	Brain_Cortex	0.985140129	Brain_Cortex	1	1	1			-0.018625163
	-0.018625163	-0.018625163	NA	1	0	0.998207054			
ZKSCAN8	ENSG00000198315.10	0.985166164	11	5	0.574328255				
	Brain_Cerebellum	0.928457948	Brain_Frontal_Cortex_BA9	8.035382593					
	0.038084537	0.360452601	-0.561688524	0.51035907	0.057637078				
	0.334465256	5	0	0.998207054					
PLTP	ENSG00000100979.14	0.985219132	1	1	0.985219132				
	Brain_Nucleus_accumbens_basal_ganglia	0.985219132							
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.018526131				
	0.018526131	0.018526131	NA	1	0	0.998207054			
GSN	ENSG00000148180.19	0.985234817	1	1	0.985234817				
	Brain_Hippocampus	0.985234817	Brain_Hippocampus	1	1	1			
	-0.018506469	-0.018506469	-0.018506469	NA	1	0	0.998207054		
ZNF197	ENSG00000186448.14	0.985326316	4	4	0.703262786				
	Brain_Cerebellum	0.945421171	Brain_Substantia_nigra	2.225174262					
	0.246629468	0.246629468	-0.137945242	0.380919764	0.142016923				
	0.226569853	4	0	0.998207054					
TTC7B	ENSG00000165914.14	0.985385945	2	1	0.93064881	Brain_Cerebellum			
	0.959473675	Brain_Cerebellar_Hemisphere	1.954450562	0.045549438					
	1.954450562	-0.087028561	0.050814076	-0.018107243	0.097469463				
	1	0	0.998207054						
LINC01998	ENSG00000243321.3	0.985417681	7	6	0.401278727				
	Brain_Hippocampus	0.954792874	Brain_Hypothalamus	3.876395801					
	0.098996214	0.2476186	-0.284896581	0.839339672	0.14404483				
	0.345138225	6	0	0.998207054					
LAMC3	ENSG00000050555.17	0.985423247	2	2	0.872867602				
	Brain_Cerebellar_Hemisphere	0.95240807	Brain_Spinal_cord_cervical_c-1						
	1.010334644	0.989665356	0.989665356	-0.059683053	0.160017102				
	0.050167025	0.155351469	2	0	0.998207054				
OPRM1	ENSG00000112038.17	0.985485531	1	1	0.985485531	Brain_Cerebellum			
	0.985485531	Brain_Cerebellum	1	1	0.018192193	0.018192193			
	0.018192193	NA	1	0	0.998207054				
DPYSL5	ENSG00000157851.16	0.98549952	9	3	0.562033935				
	Brain_Cerebellar_Hemisphere	0.870491043	Brain_Cerebellum	7.553929017					
	0.003170717	0.33172719	-0.579823074	0.163034789	-0.286612013				
	0.213390122	3	0	0.998207054					
HP	ENSG00000257017.8	0.98550205	3	2	0.864338621				
	Brain_Nucleus_accumbens_basal_ganglia	0.943897402	Brain_Amygdala						
	2.234787231	0.011989579	0.75322319	0.070372219	0.170853931				
	0.108591505	0.054384723	2	0	0.998207054				
AP2B1	ENSG00000006125.17	0.9855074	2	2	0.889133903				
	Brain_Substantia_nigra	0.896581679	Brain_Putamen_basal_ganglia						
	1.245192039	0.754807961	0.754807961	-0.139400214	-0.129980722				
	-0.134690468	0.006660587	2	0	0.998207054				
RP11-15I11.3	ENSG00000226251.5	0.98571725	7	1	0.780496224				
	Brain_Substantia_nigra	0.986962518	Brain_Putamen_basal_ganglia						
	6.846632071	0.001541003	6.846632071	-0.146362618	0.278672427				
	0.018207168	0.14065064	1	0	0.998309353				
CES4A	ENSG00000172824.14	0.985900622	1	1	0.985900622				
	Brain_Cerebellar_Hemisphere	0.985900622	Brain_Cerebellar_Hemisphere	1	1				
	1	0.01767187	0.01767187	0.01767187	NA	1	0	0.998309353	
CNTN1	ENSG00000018236.14	0.98590667	2	2	0.913853454				
	Brain_Cerebellar_Hemisphere	0.988109447	Brain_Cerebellum	1.820433687					
	0.179566313	0.179566313	0.01490315	0.108179314	0.061541232				
	0.065956208	2	0	0.998309353					
ABR	ENSG00000159842.14	0.986052586	3	3	0.767681119				
	Brain_Spinal_cord_cervical_c-1	0.936582508	Brain_Cerebellar_Hemisphere						
	1.374976466	0.63755866	0.63755866	0.079565912	0.295409445				
	0.211879385	0.115896393	3	0	0.998309353				
C1QL1	ENSG00000131094.3	0.986140305	1	1	0.986140305	Brain_Cerebellum			

	0.986140305	Brain_Cerebellum1	1	1	0.017371425	0.017371425
	0.017371425	NA	1	0	0.998309353	
MT1X	ENSG00000187193.8	0.986191946	1	1	0.986191946	Brain_Cortex
	0.986191946	Brain_Cortex	1	1	0.017306693	0.017306693
	0.017306693	NA	1	0	0.998309353	
ENTPD8	ENSG00000188833.9	0.986254917	1	1	0.986254917	
	Brain_Nucleus_accumbens_basal_ganglia	0.986254917				
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.017227759	
	0.017227759	0.017227759	NA	1	0	0.998309353
ZNF624	ENSG00000197566.9	0.986309554	3	2	0.870362178	
	Brain_Cortex	0.973348114	Brain_Cerebellar_Hemisphere1	0.996680211		
	0.007410436	0.995909353	0.0334094	0.16319846	0.079724222	
	0.072435604	2	0	0.998309353		
COA1	ENSG00000106603.18	0.986371818	9	5	0.447556612	
	Brain_Cerebellar_Hemisphere0	0.993850342	Brain_Caudate_basal_ganglia			
	6.523708885	0.027932074	0.287252161	-0.75949482	0.230421075	
	-0.204093777	0.31879717	5	0	0.998309353	
NOS1AP	ENSG00000198929.12	0.986511645	4	3	0.779293684	
	Brain_Spinal_cord_cervical_c-1	0.942374934	Brain_Cerebellum2	0.006900083		
	0.035646101	0.926445021	-0.280239603	0.196871805	0.045157558	
	0.224436241	3	0	0.998309353		
HPCAL1	ENSG00000115756.12	0.986573288	1	1	0.986573288	
	Brain_Caudate_basal_ganglia	0.986573288	Brain_Caudate_basal_ganglia	1	1	
	1	-0.016828682	-0.016828682	-0.016828682	NA	1
	0.998309353				0	
DCK	ENSG00000156136.9	0.986760406	1	1	0.986760406	
	Brain_Caudate_basal_ganglia	0.986760406	Brain_Caudate_basal_ganglia	1	1	
	1	-0.016594132	-0.016594132	-0.016594132	NA	1
	0.998309353				0	
B3GLCT	ENSG00000187676.7	0.986760507	4	4	0.687244185	
	Brain_Spinal_cord_cervical_c-1	0.984371532	Brain_Caudate_basal_ganglia			
	1.21527457	0.699244987	0.699244987	-0.402597724	-0.019588633	
	-0.211473112	0.207165905	4	0	0.998309353	
GRB14	ENSG00000115290.9	0.986765577	3	3	0.794269292	Brain_Cerebellum
	0.978334854	Brain_Cortex	1.357133916	0.66256338	0.66256338	
	-0.260770763	0.027156572	-0.156288155	0.15937942	3	0
	0.998309353					
PEAR1	ENSG00000187800.13	0.986834867	1	1	0.986834867	
	Brain_Spinal_cord_cervical_c-1	0.986834867	Brain_Spinal_cord_cervical_c-1			
	1	1	1	-0.016500796	-0.016500796	-0.016500796
	0.998309353				NA	1
						0
LINC01561	ENSG00000177234.7	0.986901143	4	3	0.744313788	
	Brain_Cerebellum	0.960386565	Brain_Nucleus_accumbens_basal_ganglia			
	2.262383441	0.005875837	0.498640482	-0.049668492	0.326146141	
	0.163901532	0.156951659	3	0	0.998309353	
TMEM50B	ENSG00000142188.16	0.986922186	12	2	0.797748552	
	Brain_Anterior_cingulate_cortex_BA24	0.97373459	Brain_Cortex	11.06245919		
	0.000298349	0.383295699	-0.256261981	0.207958337	0.054856747	
	0.132879478	2	0	0.998309353		
ARL8B	ENSG00000134108.12	0.986952425	3	2	0.866745098	
	Brain_Caudate_basal_ganglia	0.915163343	Brain_Putamen_basal_ganglia			
	2.341602506	0.003372774	0.65502472	-0.167794311	-0.106528124	
	-0.138696811	0.030748343	2	0	0.998309353	
ATPAF1	ENSG00000123472.12	0.987036174	2	2	0.876717706	
	Brain_Nucleus_accumbens_basal_ganglia	0.917753378	Brain_Cerebellum	1.39928417		
	0.60071583	0.60071583	-0.155131428	0.103264086	-0.025933671	0.18271322
	2	0	0.998309353			
FKBP1A	ENSG00000088832.16	0.987108975	3	3	0.748176891	
	Brain_Caudate_basal_ganglia	0.986573513	Brain_Cortex	1.817145396		
	0.263035075	0.263035075	-0.321044206	0.0168284	-0.150304884	
	0.168965165	3	0	0.998309353		
OPA3	ENSG00000125741.4	0.987209282	4	3	0.707085187	

	Brain_Cerebellar_Hemisphere	0.945827697			Brain_Caudate_basal_ganglia		
	1.956025349	-0.04786741	0.87441778	-0.067947161	0.375773638		
	0.179657216	0.204121604	3	0	0.998309353		
LDOC1L	ENSG00000188636.3	0.987281953		2	2	0.884495664	
	Brain_Cerebellum	0.971488219			Brain_Cerebellar_Hemisphere	1.205620817	
	0.794379183	0.794379183		-0.145272579	0.035741826	-0.054765376	
	0.127996513	2	0	0.998309353			
KIAA1107	ENSG00000069712.12	0.987323902		4	4	0.747119516	
	Brain_Cortex	0.980670274			Brain_Cerebellar_Hemisphere	2.394176783	
	0.136982318	0.136982318		-0.322439827	0.02422859	-0.155933356	
	0.167923261	4	0	0.998309353			
TMC2	ENSG00000149488.12	0.987545998		6	6	0.497557247	
	Brain_Caudate_basal_ganglia	0.983778193			Brain_Cerebellar_Hemisphere		
	1.669876007	0.318462071	0.318462071	-0.678338257	0.513231321		
	-0.059733459	0.418461778	6	0	0.998309353		
MIXL1	ENSG00000185155.11	0.987594343		6	5	0.456538254	
	Brain_Caudate_basal_ganglia	0.997479603			Brain_Cortex	4.326419383	
	0.04216199	0.161856387	-0.0259561	0.744559178	0.226215441		
	0.278797484	5	0	0.998309353			
ZNF26	ENSG00000198393.7	0.987609274		3	3	0.831653483	
	Brain_Nucleus_accumbens_basal_ganglia	0.881517261			Brain_Cerebellum	1.17697109	
	0.728089368	0.728089368	-0.176162056	0.212581397	-0.037542251		
	0.21703732	3	0	0.998309353			
DPF1	ENSG00000011332.19	0.987637102		1	1	0.987637102	
	Brain_Nucleus_accumbens_basal_ganglia	0.987637102					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	0.015495214		
	0.015495214	0.015495214	NA	1	0	0.998309353	
VWA3B	ENSG00000168658.18	0.987761045		4	4	0.617536448	Brain_Amygdala
	0.980393244	Brain_Cortex	2.464110934	0.224807653	0.224807653		
	-0.499344873	-0.024575898	-0.339830202	0.214879588	4	0	
	0.998309353						
OR2M4	ENSG00000171180.1	0.987862435		3	3	0.733723295	Brain_Cortex
	0.909237406	Brain_Frontal_Cortex_BA9	1.508695677	0.480310333			
	0.480310333	-0.340176924	0.12040545	-0.111257321	0.230303441		3
	0	0.998309353					
OCLN	ENSG00000197822.10	0.987915918		3	3	0.767952454	Brain_Cerebellum
	0.877818374	Brain_Cerebellar_Hemisphere	1.70482965	0.326498918			
	0.326498918	0.153735397	0.295054228	0.217815293	0.071572504		
	3	0	0.998309353				
TBC1D3D	ENSG00000274419.6	0.987947351		7	3	0.709580437	
	Brain_Frontal_Cortex_BA9	0.995945465			Brain_Amygdala	5.95099776	
	0.001881115	0.210549029	-0.372419636	0.112897031	-0.06790488		
	0.175753786	3	0	0.998309353			
FMO3	ENSG00000007933.12	0.987953358		10	8	0.49807286	Brain_Cerebellum
	0.988731324	Brain_Hippocampus	5.851053438	0.033840512			
	0.201732199	-0.577218148	0.677525085	0.151531078	0.373860439		
	8	0	0.998309353				
ODF2L	ENSG00000122417.15	0.988005499		13	2	0.313252994	
	Brain_Caudate_basal_ganglia	0.986446968			Brain_Anterior_cingulate_cortex_BA24		
	11.6306931	0.000362263	0.44204351	-1.008419754	0.260855429		
	-0.147261765	0.351835764	2	0	0.998309353		
ACOT2	ENSG00000119673.14	0.988246377		12	12	0.177158565	
	Brain_Putamen_basal_ganglia	0.955428305			Brain_Hippocampus	3.404298115	
	0.191451574	0.191451574	-0.382560863	1.349555629	0.15803373		
	0.528161295	12	0	0.998309353			
SLC26A4	ENSG00000091137.11	0.988254641		1	1	0.988254641	
	Brain_Nucleus_accumbens_basal_ganglia	0.988254641					
	Brain_Nucleus_accumbens_basal_ganglia	1	1	1	-0.014721156		
	-0.014721156	-0.014721156	NA	1	0	0.998309353	
CD52	ENSG00000169442.8	0.98826573		3	2	0.805838111	
	Brain_Anterior_cingulate_cortex_BA24	0.956165697			Brain_Cortex		
	2.602236722	0.06249984	0.335263439	-0.245798638	-0.054965816		

	-0.135808388	0.098698946	2	0	0.998309353				
HDAC5	ENSG00000108840.15	0.988451577	2	2	0.893272661	Brain_Cerebellum			
	0.953806625	Brain_Hypothalamus	1.10438435	0.89561565	0.89561565				
	-0.05792719	0.134164292	0.038118551	0.13582919	2	0			
	0.998309353								
LINC00601	ENSG00000235180.1	0.988452155	4	4	0.686512039				
	Brain_Hippocampus	0.834007735	Brain_Putamen_basal_ganglia	2.519025051					
	0.113371867	0.113371867	-0.403592993	-0.209564313	-0.308904417				
	0.088389257	4	0	0.998309353					
RTN4	ENSG00000115310.17	0.988603566	2	2	0.890662386				
	Brain_Nucleus_accumbens_basal_ganglia	0.962374765	Brain_Cerebellar_Hemisphere						
	1.115371696	0.884628304	0.884628304	-0.137466101	0.04717373				
	-0.045146185	0.130560076	2	0	0.998309353				
NRM	ENSG00000137404.14	0.988713848	3	3	0.734218347				
	Brain_Caudate_basal_ganglia	0.968680637	Brain_Cerebellum	1.147068004					
	0.86169471	0.86169471	-0.039263085	0.339519583	0.124660667	0.19446046			
	3	0	0.998309353						
SV2B	ENSG00000185518.11	0.988714133	3	3	0.829153415				
	Brain_Putamen_basal_ganglia	0.909881232	Brain_Spinal_cord_cervical_c-1						
	2.299888101	0.139049564	0.139049564	-0.11318835	0.21578747				
	0.090899335	0.178215316	3	0	0.998309353				
PUS7	ENSG00000091127.13	0.98878845	3	2	0.795771207				
	Brain_Cerebellar_Hemisphere	0.987923919	Brain_Cerebellum	1.96023836					
	0.043285194	0.996476446	-0.053181276	0.258823783	0.073592736				
	0.164011305	2	0	0.998309353					
BORCS6	ENSG00000196544.7	0.988885008	1	1	0.988885008				
	Brain_Anterior_cingulate_cortex_BA24	0.988885008							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.013931027				
	-0.013931027	-0.013931027	NA	1	0	0.998309353			
ADGB	ENSG00000118492.16	0.988952561	1	1	0.988952561				
	Brain_Caudate_basal_ganglia	0.988952561	Brain_Caudate_basal_ganglia	1	1				
	1	-0.013846353	-0.013846353	-0.013846353	NA	1	0		
	0.998309353								
GIMAP2	ENSG00000106560.10	0.988973742	1	1	0.988973742				
	Brain_Spinal_cord_cervical_c-1	0.988973742	Brain_Spinal_cord_cervical_c-1						
	1	1	1	0.013819805	0.013819805	0.013819805	NA	1	0
	0.998309353								
AC007563.3	ENSG00000229352.1	0.989032662	4	4	0.736180652				
	Brain_Hippocampus	0.946668468	Brain_Caudate_basal_ganglia	1.285912256					
	0.793428157	0.793428157	-0.323270376	0.336915432	-0.021040637				
	0.287428225	4	0	0.998309353					
CYP1A1	ENSG00000140465.13	0.98909286	5	5	0.481266954				
	Brain_Nucleus_accumbens_basal_ganglia	0.744297082	Brain_Cortex						
	3.578646944	0.135232096	0.135232096	-0.704266292	-0.326168223				
	-0.504503777	0.149378195	5	0	0.998309353				
PXMP2	ENSG00000176894.9	0.98929703	11	4	0.636694726	Brain_Cortex			
	0.993561302	Brain_Cerebellum	8.708734628	0.006739353	0.313509745				
	-0.385013719	0.472325144	0.035331276	0.240476326	4	0			
	0.998309353								
PRSS16	ENSG00000112812.15	0.989340711	3	3	0.743683777				
	Brain_Cerebellum	0.843608157	Brain_Cerebellar_Hemisphere	2.420327947					
	0.176505665	0.176505665	0.197280348	0.326978989	0.251538625				
	0.067393954	3	0	0.998309353					
AC005307.1	ENSG00000260725.1	0.989342361	2	2	0.885106581				
	Brain_Putamen_basal_ganglia	0.979147525	Brain_Nucleus_accumbens_basal_ganglia						
	1.333840655	0.666159345	0.666159345	-0.144498829	-0.026137677				
	-0.085318253	0.083693973	2	0	0.998309353				
MISP	ENSG00000099812.8	0.989392364	1	1	0.989392364				
	Brain_Anterior_cingulate_cortex_BA24	0.989392364							
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	0.013295092				
	0.013295092	0.013295092	NA	1	0	0.998309353			
RP11-676J12.4	ENSG00000262228.2	0.989433715	4	4	0.739344958				

	Brain_Cerebellum	0.941786337		Brain_Caudate_basal_ganglia	2.76416079			
		0.201947962	0.201947962		-0.332720918	0.132460497		-0.072409009
		0.215238842	4	0	0.998309353			
CDON	ENSG00000064309	14	0.989440933	10	10	0.288331752		Brain_Cortex
		0.953905726		Brain_Cerebellar_Hemisphere	2.986407195	0.199675994		
		0.199675994	-1.061788411		0.347573741	-0.238528744		0.469782578
		10	0	0.998309353				
CTD-2095E4.5	ENSG00000277511	1.1	0.989461496	3	3	0.741328572		
	Brain_Spinal_cord_cervical_c-1		0.951025035			Brain_Cortex	1.062904237	
		0.930643061	0.930643061		-0.330094483	-0.061419611		-0.158621792
		0.148941694	3	0	0.998309353			
COX8A	ENSG00000176340	3	0.989590378	3	3	0.798891127		
	Brain_Cerebellar_Hemisphere	0.908416303		Brain_Frontal_Cortex_BA9				
		2.096622536	-0.129274169	0.129274169		-0.120333129		0.254782456
		0.006470989	0.215060346	3	0	0.998365972		
TPBGL	ENSG00000261594	3	0.989660329	3	2	0.844320482		
	Brain_Anterior_cingulate_cortex_BA24	0.980502281		Brain_Amygdala				
		1.939059557	0.063839101	0.997101342		-0.0244392	0.19637012	
		0.085623651	0.110406247	2	0	0.998365972		
OLFM4	ENSG00000102837	6	0.98994373	2	2	0.912570516		
	Brain_Nucleus_accumbens_basal_ganglia	0.97036933		Brain_Cortex			1.815007515	
		0.184992485	0.184992485		0.037145078	0.109796817		0.073470947
		0.051372537	2	0	0.998449044			
TMEM150C	ENSG00000249242	7	0.989957831	6	5	0.604371469		
	Brain_Frontal_Cortex_BA9	0.979241049		Brain_Putamen_basal_ganglia				
		3.990685785	0.075324963	0.164204922		-0.026020423		0.518124412
		0.181100027	0.196881768	5	0	0.998449044		
SLC15A4	ENSG00000139370	11	0.990046823	2	2	0.896930433		
	Brain_Spinal_cord_cervical_c-1	0.949663397		Brain_Cerebellar_Hemisphere				
		1.04944859	0.95055141	0.95055141	0.063129483	0.129539928		0.096334705
		0.046959276	2	0	0.998449044			
WNT2	ENSG00000105989	8	0.990067268	2	2	0.918881734		
	Brain_Substantia_nigra	0.928589072		Brain_Spinal_cord_cervical_c-1				
		1.078740223	0.921259777	0.921259777		-0.089620149		0.101842445
		0.006111148	0.135384499	2	0	0.998449044		
ATP8B4	ENSG00000104043	14	0.990099495	4	4	0.655350397		
	Brain_Nucleus_accumbens_basal_ganglia	0.978103835		Brain_Cerebellum				
		1.709661786	0.312827344	0.312827344		-0.446341758		0.044000719
		-0.207519796	0.251585696	4	0	0.998449044		
LIMD2	ENSG00000136490	8	0.990311505	1	1	0.990311505		
	Brain_Putamen_basal_ganglia	0.990311505		Brain_Putamen_basal_ganglia1	1	1		
		1	-0.012143026	-0.012143026	-0.012143026	NA	1	0
								0.99854153
FANCM	ENSG00000187790	10	0.990361526	4	4	0.661658258		
	Brain_Cerebellar_Hemisphere	0.979513762		Brain_Caudate_basal_ganglia	2.68975393			
		0.122566616	0.122566616	0.025678514		0.437624844		0.25580333
		0.173406328	4	0	0.99854153			
STX8	ENSG00000170310	14	0.990428191	2	2	0.899432736		
	Brain_Hypothalamus	0.976440084		Brain_Putamen_basal_ganglia	1.208481626			
		0.791518374	0.791518374	-0.029532268		0.126377974		0.048422853
		0.11024519	2	0	0.99854153			
LINC01372	ENSG00000235475	1	0.990476689	7	4	0.366014751		
	Brain_Nucleus_accumbens_basal_ganglia	0.961747504		Brain_Putamen_basal_ganglia				
		5.793516604	0.039731579	0.217779506		-0.47846791		0.903963509
		0.003984388	0.474541746	4	0	0.99854153		
3-Sep	ENSG00000100167	19	0.990878091	5	5	0.502444419		Brain_Cortex
		0.796903983		Brain_Hippocampus	2.908123636	0.172296991		
		0.172296991	-0.670648593	-0.257355978		-0.441385416		0.174925964
		5	0	0.998796219				
FAM169A	ENSG00000198780	11	0.99092045	1	1	0.99092045		
	Brain_Cerebellar_Hemisphere	0.99092045		Brain_Cerebellar_Hemisphere1	1	1		1
		0.011379774	0.011379774	0.011379774		NA	1	0
								0.998796219
LINC01554	ENSG00000236882	7	0.991214579	6	4	0.766516919		

	Brain_Amygdala	0.978791631		Brain_Caudate_basal_ganglia	4.714359058		
	0.012996422	0.173557293		-0.296933973	0.193688776		0.010399178
	0.204809471	4	0	0.998796219			
MCM4	ENSG00000104738.16	0.991296318	11	9	0.42138611		
	Brain_Nucleus_accumbens_basal_ganglia	0.999165498			Brain_Substantia_nigra		
	4.543689127	0.103337888		0.223204204	-0.804018814		0.724731204
	-0.182779356	0.432650032	9	0	0.998796219		
SAPCD2	ENSG00000186193.8	0.991304966	2	2	0.913272417		
	Brain_Caudate_basal_ganglia	0.944591853			Brain_Frontal_Cortex_BA9		
	1.048428799	0.951571201		0.951571201	-0.069499724		0.108911838
	0.019706057	0.126156025	2	0	0.998796219		
PPP5C	ENSG00000011485.14	0.99139361	3	3	0.782899404		Brain_Cerebellum
	0.870198354	Brain_Amygdala	1.762403025		0.237659506		0.237659506
	-0.16340654	0.275542597	0.115528106		0.242436773	3	0
	0.998796219						
LRRC69	ENSG00000214954.8	0.991562726	2	2	0.896781093		
	Brain_Putamen_basal_ganglia	0.965968637			Brain_Hippocampus		1.248243977
	0.751756023	0.751756023		0.042664929	0.129728677		0.086196803
	0.061563367	2	0	0.998796219			
ZNF555	ENSG00000186300.11	0.991575811	2	2	0.910190025		
	Brain_Caudate_basal_ganglia	0.949389596			Brain_Anterior_cingulate_cortex_BA24		
	1.011526518	0.988473482		0.988473482	-0.063473329		0.112798857
	0.024662764	0.124643258	2	0	0.998796219		
RP4-621B10.8	ENSG00000273487.1	0.991750818	9	6	0.441805606		
	Brain_Cerebellar_Hemisphere	0.918980781			Brain_Cortex		5.557384593
	0.007810963	0.185982312		-0.175843888	0.769147746		0.35813397
	0.309188967	6	0	0.998796219			
SDHA	ENSG00000073578.16	0.991769249	3	3	0.756874519		
	Brain_Spinal_cord_cervical_c-1	0.958633052			Brain_Cortex		1.51701042
	0.516264465	0.516264465		-0.05186903	0.309587689		0.12628002
	0.180783568	3	0	0.998796219			
ZXDC	ENSG00000070476.14	0.991849993	12	2	0.323737767		Brain_Cortex
	0.975817522	Brain_Hippocampus	10.75416001		0.012598981		
	0.378265035	-0.818089181	0.98680597		-0.050994046	0.435566744	2
	0	0.998796219					
CDRT15	ENSG00000223510.6	0.991937972	2	2	0.906292446		
	Brain_Cerebellum	0.92977466			Brain_Cerebellar_Hemisphere		1.914569255
	0.085430745	0.085430745		0.088128355	0.117716307		0.102922331
	0.020921841	2	0	0.998796219			
PDE2A	ENSG00000186642.15	0.992021946	6	6	0.635511072		
	Brain_Substantia_nigra	0.801063672			Brain_Spinal_cord_cervical_c-1		
	2.442440234	0.123859957		0.123859957	-0.473984343		0.251970751
	-0.263060683	0.26507753	6	0	0.998796219		
SAMD5	ENSG00000203727.3	0.992112584	4	2	0.600281497		
	Brain_Hypothalamus	0.968234822			Brain_Cerebellum		3.424857503
	0.052440139	0.424159371		-0.523995748	0.244922303		-0.102876571
	0.317483151	2	0	0.998796219			
RNF144A	ENSG00000151692.14	0.992244637	3	2	0.901059628		
	Brain_Cerebellar_Hemisphere	0.937440488			Brain_Cerebellum		2.25358981
	0.009232212	0.737177979		0.07848723	0.124322885		0.105953792
	0.024234269	2	0	0.998796219			
CLTCL1	ENSG00000070371.15	0.992251345	8	3	0.616437218		
	Brain_Putamen_basal_ganglia	0.985153902			Brain_Frontal_Cortex_BA9		6.11464022
	0.007000995	0.307108234		-0.172776934	0.500906088		0.074555893
	0.251444331	3	0	0.998796219			
HMBOX1	ENSG00000147421.17	0.992252669	2	2	0.90385307		
	Brain_Hippocampus	0.969381505			Brain_Cortex		1.061283016
	0.938716984	0.938716984		-0.12079543	0.038384016		-0.041205707
	0.112556866	2	0	0.998796219			
NEU3	ENSG00000162139.9	0.99234569	8	3	0.691623525		Brain_Hippocampus
	0.992817504	Brain_Cortex	6.481512223		0.005464163		0.408135596
	-0.396652781	0.118854277	-0.120273683		0.199914236	3	0

0.998796219

COL18A1 ENSG00000182871.14 0.992408922 4 3 0.791708427
Brain_Spinal_cord_cervical_c-1 0.983210556 Brain_Cerebellum2.484197999
0.072777334 0.172029834 -0.26409278 0.021044001 -0.091563588
0.121525441 3 0 0.998796219

SUPV3L1 ENSG00000156502.13 0.992562454 2 2 0.902764567
Brain_Cerebellum0.943501714 Brain_Cerebellar_Hemisphere1.564637199
0.435362801 0.435362801 -0.12216977 -0.07086938 -0.096519575
0.036274854 2 0 0.998796219

TEAD4 ENSG00000197905.8 0.992624969 2 2 0.921158673 Brain_Cerebellum
0.942155993 Brain_Cerebellar_Hemisphere1.01817728 0.98182272 0.98182272
0.072560333 0.098974303 0.085767318 0.018677497 2 0
0.998796219

PSD3 ENSG00000156011.16 0.992655468 4 4 0.729296184
Brain_Cerebellar_Hemisphere0.828294089 Brain_Spinal_cord_cervical_c-1
1.464284033 0.544963716 0.544963716 -0.346061915 -0.216889977
-0.273755347 0.0577132 4 0 0.998796219

ZNF610 ENSG00000167554.14 0.992709655 1 1 0.992709655
Brain_Hippocampus 0.992709655 Brain_Hippocampus 1 1 1
0.00913722 0.00913722 0.00913722 NA 1 0 0.998796219

SFXN4 ENSG00000183605.16 0.992854254 13 1 0.584680722
Brain_Frontal_Cortex_BA9 0.99861246 Brain_Substantia_nigra 12.29177908
0.000412547 12.29177908 -0.546560486 0.371812222 -0.00916953
0.213956771 1 0 0.998796219

GJB6 ENSG00000121742.16 0.992886245 2 2 0.907284706
Brain_Cerebellar_Hemisphere0.968123976 Brain_Cerebellum1.536764033
0.463235967 0.463235967 -0.116464138 -0.039961305 -0.078212721
0.054095672 2 0 0.998796219

SSPN ENSG00000123096.11 0.99289271 2 2 0.918836642
Brain_Cerebellar_Hemisphere0.929154331 Brain_Cerebellum1.286762153
0.713237847 0.713237847 0.088908874 0.101899254 0.095404064
0.009185586 2 0 0.998796219

SAMM50 ENSG00000100347.14 0.992944807 6 4 0.74420362
Brain_Frontal_Cortex_BA9 0.952721571 Brain_Cerebellum4.957517054
0.005140416 0.170006445 -0.059289441 0.326291762 0.219744114
0.146494472 4 0 0.998796219

GTPBP8 ENSG00000163607.15 0.992990954 2 2 0.91035274 Brain_Cortex
0.927576407 Brain_Cerebellum1.525558675 0.474441325 0.474441325
-0.112593625 -0.090894517 -0.101744071 0.015343587 2 0
0.998796219

TVP23C ENSG00000175106.16 0.993116164 6 4 0.559785436
Brain_Substantia_nigra 0.942425366 Brain_Hippocampus 4.414277444
0.003495952 0.168859697 0.072221838 0.583160238 0.28613253
0.206773131 4 0 0.998796219

RP11-302L19.3 ENSG00000273100.1 0.993121916 12 2 0.621196697
Brain_Hippocampus 0.985600976 Brain_Cortex 10.63233256
0.004063124 0.517133018 -0.494155028 0.465086924 -0.0036581
0.284779787 2 0 0.998796219

SRA1 ENSG00000213523.10 0.993136077 13 3 0.588051035 Brain_Amygdala
0.96572298 Brain_Frontal_Cortex_BA9 10.50336886 0.001138354
0.494534616 -0.187736271 0.54166249 0.163453745 0.186116026 3
0 0.998796219

PRNP ENSG00000171867.16 0.993170311 3 3 0.817949834 Brain_Cerebellum
0.984156038 Brain_Putamen_basal_ganglia1.487628284 0.513005757
0.513005757 -0.052409009 0.230182662 0.065877473 0.146808733
3 0 0.998796219

METTL13 ENSG00000010165.19 0.993213545 3 3 0.7821618
Brain_Cerebellar_Hemisphere0.949426425 Brain_Frontal_Cortex_BA9
1.934037597 0.076443355 0.076443355 0.063427078 0.276502942
0.189662144 0.111867163 3 0 0.998796219

OXLD1 ENSG00000204237.4 0.993227051 6 4 0.500417691 Brain_Cerebellum
0.913201256 Brain_Cerebellar_Hemisphere4.528520859 1.59E-08

	0.306684574	0.109001556	0.673832687	0.309059318	0.23076745	4
	0	0.998796219				
C21orf2	ENSG00000160226.15	0.993227917	10	8	0.396636018	
	Brain_Hypothalamus	0.574241256	Brain_Cerebellum	5.070360454	4.95E-18	
	0.257310769	0.561816196	0.847644439	0.655861515	0.108494729	
	8	0	0.998796219			
KHDC1	ENSG00000135314.12	0.993414467	2	2	0.914071664	
	Brain_Nucleus_accumbens_basal_ganglia	0.927825439	Brain_Frontal_Cortex_BA9			
	1.527326348	0.472673652	0.472673652	-0.107904227	-0.090581114	
	-0.09924267	0.012249291	2	0	0.998851766	
ASCC2	ENSG00000100325.14	0.99342594	9	5	0.571597423	
	Brain_Nucleus_accumbens_basal_ganglia	0.874724453	Brain_Caudate_basal_ganglia			
	6.998476102	0.011357289	0.250446874	-0.347495909	0.565700459	
	0.303765457	0.284888365	5	0	0.998851766	
ACP7	ENSG00000183760.10	0.993520822	8	7	0.422029728	
	Brain_Nucleus_accumbens_basal_ganglia	0.913328758	Brain_Putamen_basal_ganglia			
	3.541233996	0.083252298	0.180107147	-0.802904857	0.415403617	
	-0.257290159	0.385518148	7	0	0.998875383	
FAM212A	ENSG00000185614.4	0.993867244	2	1	0.805907393	
	Brain_Cerebellum	0.817769501	Brain_Cerebellar_Hemisphere	1.97967906	0.02032094	
	1.97967906	-0.245709144	0.230414749	-0.007647198	0.336670434	1
	0	0.999030827				
DGKE	ENSG00000153933.9	0.993912694	4	4	0.693950838	
	Brain_Cerebellar_Hemisphere	0.936750252	Brain_Putamen_basal_ganglia	2.23641329		
	0.295406691	0.295406691	-0.079355011	0.393499168	0.157118139	
	0.19907231	4	0	0.999030827		
NT5C3B	ENSG00000141698.16	0.993938486	12	2	0.716954481	
	Brain_Putamen_basal_ganglia	0.984710607	Brain_Caudate_basal_ganglia			
	10.86107735	0.000709567	0.454244269	-0.277074548	0.362532045	
	0.095541548	0.197534498	2	0	0.999030827	
FBRSL1	ENSG00000112787.12	0.99404445	1	1	0.99404445	Brain_Cerebellum
	0.99404445	Brain_Cerebellum	1	1	-0.007464245	-0.007464245
	-0.007464245	NA	1	0	0.999030827	
BHMT	ENSG00000145692.14	0.994125875	7	4	0.654107691	
	Brain_Caudate_basal_ganglia	0.876931942	Brain_Cortex	4.882680476		
	0.000988167	0.224157895	0.154859678	0.448063054	0.305295789	
	0.125020069	4	0	0.999030827		
TFDP2	ENSG00000114126.17	0.994196222	1	1	0.994196222	
	Brain_Anterior_cingulate_cortex_BA24	0.994196222				
	Brain_Anterior_cingulate_cortex_BA24	1	1	1	-0.007274021	
	-0.007274021	-0.007274021	NA	1	0	0.999030827
MAST3	ENSG00000099308.10	0.994248149	3	3	0.807966709	
	Brain_Caudate_basal_ganglia	0.976528872	Brain_Cerebellum	1.216344966		
	0.793777118	0.793777118	-0.243049942	-0.02942094	-0.136191972	
	0.106814527	3	0	0.999030827		
ORC5	ENSG00000164815.10	0.994343	1	1	0.994343	Brain_Cortex
	Brain_Cortex	1	1	1	-0.007090058	-0.007090058
	NA	1	0	0.999030827		
FGFBP2	ENSG00000137441.7	0.994380221	2	2	0.941028557	
	Brain_Amygdala	0.942504873	Brain_Cortex	1.05298768	0.94701232	0.94701232
	0.072121931	0.073977163	0.073049547	0.001311847	2	0
	0.999030827					
C6orf222	ENSG00000189325.6	0.994389486	3	3	0.797996003	
	Brain_Anterior_cingulate_cortex_BA24	0.992770487	Brain_Frontal_Cortex_BA9			
	1.190311524	0.82356208	0.82356208	-0.009060975	0.255941507	
	0.121929283	0.132527085	3	0	0.999030827	
SUPT3H	ENSG00000196284.15	0.994483837	11	3	0.353812548	
	Brain_Caudate_basal_ganglia	0.979552881	Brain_Nucleus_accumbens_basal_ganglia			
	9.175047819	0.001064882	0.428968345	-0.318989251	0.927219563	
	0.214971949	0.306209417	3	0	0.999053879	
TRIM13	ENSG00000204977.9	0.994835118	8	4	0.516748775	
	Brain_Hippocampus	0.902730162	Brain_Cerebellar_Hemisphere	6.561145699		

	0.042033116	0.242789232	0.122213213	0.648365197	0.340648298
	0.199081241	4 0	0.999259749		
RP11-320P7.2	ENSG00000257139.1	0.994891435	11 2	0.617910152	
	Brain_Hypothalamus	0.990194829	Brain_Spinal_cord_cervical_c-1		
	9.448196736	0.002665309	0.859929691	-0.498814385	0.113711123
	-0.094254132	0.173357449	2 0	0.999259749	
ENTPD7	ENSG00000198018.6	0.99490303 1	1 1	0.99490303	Brain_Cerebellum
	0.99490303	Brain_Cerebellum1	1 1	-0.006388148	-0.006388148
	-0.006388148	NA 1	0	0.999259749	
KLHL31	ENSG00000124743.5	0.994995671	3 3	0.851439187	
	Brain_Putamen_basal_ganglia	0.968479007	Brain_Caudate_basal_ganglia		
	1.544691974	0.462214464	0.462214464	0.039515987	0.187282445
	0.137507766	0.084866943	3 0	0.999281059	
TSSC1	ENSG00000032389.12	0.995077401	1 1	0.995077401	
	Brain_Substantia_nigra	0.995077401	Brain_Substantia_nigra	1 1	
	1	-0.006169602	-0.006169602	NA 1	0 0.99929141
MLH1	ENSG00000076242.14	0.995200657	2 2	0.930455244	
	Brain_Putamen_basal_ganglia	0.940399086	Brain_Nucleus_accumbens_basal_ganglia		
	1.382654952	0.617345048	0.617345048	-0.087272083	-0.074768273
	-0.081020178	0.008841529	2 0	0.999343458	
CSAD	ENSG00000139631.18	0.995320512	5 4	0.663161657	
	Brain_Cerebellar_Hemisphere	0.958552069	Brain_Amygdala	3.457756298	
	0.067711589	0.171215698	-0.435552201	0.294746157	-0.182197809
	0.30686098	4 0	0.999392083		
CELA3A	ENSG00000142789.19	0.995573965	1 1	0.995573965	
	Brain_Cerebellar_Hemisphere	0.995573965	Brain_Cerebellar_Hemisphere	1 1	
	1	-0.00554724	-0.00554724	-0.00554724	NA 1 0
	0.999439009				
PLGRKT	ENSG00000107020.9	0.995651417	7 4	0.53560136	
	Brain_Putamen_basal_ganglia	0.923040953	Brain_Amygdala	5.033414728	
	0.005066152	0.194504139	-0.111960225	0.619478228	0.249719478
	0.252343233	4 0	0.999439009		
MRPS24	ENSG00000062582.13	0.995666693	1 1	0.995666693	
	Brain_Cerebellum	0.995666693	Brain_Cerebellum	1 1 1	0.005431021
	0.005431021	0.005431021	NA 1	0	0.999439009
FAM114A2	ENSG00000055147.18	0.995671768	2 2	0.927075187	
	Brain_Cerebellar_Hemisphere	0.997061201	Brain_Putamen_basal_ganglia		
	1.224166862	0.775833138	0.775833138	-0.003683247	0.091525321
	0.043921037	0.067322624	2 0	0.999439009	
TMPRSS5	ENSG00000166682.10	0.995724419	12 5	0.395664432	
	Brain_Cortex	0.899709352	Brain_Cerebellum	9.136571508	2.48E-18
	0.411713547	0.126028516	0.849389792	0.454102419	0.211418613
	5 0	0.999439009			
DPPA4	ENSG00000121570.12	0.995849884	4 3	0.872493501	
	Brain_Spinal_cord_cervical_c-1	0.967541321	Brain_Putamen_basal_ganglia		
	3.025458154	0.03759935	0.327644707	-0.100533064	0.160492028
	0.002236798	0.12370669	3 0	0.999443254	
POMGNT1	ENSG00000085998.13	0.995871518	3 3	0.817956643	
	Brain_Cerebellum	0.983888522	Brain_Caudate_basal_ganglia	1.261350533	
	0.727667827	0.727667827	-0.230173899	-0.020194116	-0.1143405
	0.106656562	3 0	0.999443254		
RP11-158H5.7	ENSG00000268573.1	0.996222794	3 3	0.820108164	
	Brain_Caudate_basal_ganglia	0.994799674	Brain_Nucleus_accumbens_basal_ganglia		
	1.896565736	0.245092652	0.245092652	0.006517689	0.22740586
	0.082946296	0.125176093	3 0	0.999449516	
GGACT	ENSG00000134864.10	0.996293497	2 2	0.931730721	
	Brain_Hippocampus	0.992819149	Brain_Cerebellum	1.004353635	
	0.995646365	0.995646365	-0.008999984	0.085667522	0.038333769
	0.066940035	2 0	0.999449516		
RPLP1	ENSG00000137818.11	0.996312852	2 2	0.941718396	
	Brain_Spinal_cord_cervical_c-1	0.95860706	Brain_Nucleus_accumbens_basal_ganglia		
	1.094463147	0.905536853	0.905536853	0.05190165	0.073110236

	0.062505943	0.014996735	2	0	0.999449516			
ARID4B	ENSG00000054267.21	0.996341858	1	1	0.996341858			
	Brain_Cerebellum	0.996341858	Brain_Cerebellum	1	1	0.004584818		
	0.004584818	0.004584818	NA	1	0.999449516			
FFAR1	ENSG00000126266.3	0.996426798	9	9	0.464543702			
	Brain_Putamen_basal_ganglia	0.88103702	Brain_Cortex	2.047965045	0.27171897			
	0.27171897	-0.343106234	0.731385529	0.127866246	0.438072564	9		
	0	0.999449516						
KB-1732A1.1	ENSG00000253669.3	0.996687602	2	2	0.950912372			
	Brain_Hypothalamus	0.999898572	Brain_Anterior_cingulate_cortex_BA24					
	1.653716959	0.346283041	0.346283041	-0.000127122	0.061561079			
	0.030716979	0.043620145	2	0	0.999449516			
COMMD10	ENSG00000145781.8	0.996717587	9	4	0.670395729			
	Brain_Substantia_nigra	0.954257653	Brain_Cerebellar_Hemisphere					
	6.218808587	-0.023820951	0.553195354	-0.262176814	0.425604955			
	0.089375931	0.231320735	4	0	0.999449516			
RP11-562A8.5	ENSG00000259618.1	0.996787195	1	1	0.996787195			
	Brain_Hypothalamus	0.996787195	Brain_Hypothalamus	1	1	1		
	-0.004026664	-0.004026664	-0.004026664	NA	1	0.999449516		
RP11-276H19.2	ENSG00000269994.1	0.996878989	3	3	0.866267174			
	Brain_Cerebellum	0.978859986	Brain_Nucleus_accumbens_basal_ganglia					
	1.029558526	0.966742655	0.966742655	-0.14750148	0.168401823			
	0.015799508	0.158223167	3	0	0.999449516			
BPTF	ENSG00000171634.16	0.996904167	3	2	0.913294449	Brain_Cerebellum		
	0.991062883	Brain_Cerebellar_Hemisphere	2.826848633	0.001475907				
	0.17167546	-0.039371747	0.108884061	0.019437021	0.078733562	2		
	0	0.999449516						
AC007557.3	ENSG00000227021.1	0.997006536	1	1	0.997006536			
	Brain_Cerebellum	0.997006536	Brain_Cerebellum	1	1	0.003751759		
	0.003751759	0.003751759	NA	1	0.999449516			
RP11-148B3.1	ENSG00000258018.1	0.997038269	2	2	0.94202428			
	Brain_Cerebellar_Hemisphere	0.962560089	Brain_Cerebellum	1.314413102				
	0.685586898	-0.685586898	0.046941203	0.072725847	0.059833525			
	0.018232497	2	0	0.999449516				
ADRA2A	ENSG00000150594.6	0.997156851	3	3	0.902881922			
	Brain_Nucleus_accumbens_basal_ganglia	0.927748223	Brain_Caudate_basal_ganglia					
	1.663396304	0.556827498	0.556827498	-0.122021587	0.105106283			
	0.024587661	0.12717211	3	0	0.999449516			
C19orf66	ENSG00000130813.17	0.997260833	2	2	0.948774334			
	Brain_Spinal_cord_cervical_c-1	0.988374796	Brain_Caudate_basal_ganglia					
	1.317232485	0.682767515	0.682767515	-0.064246021	-0.014570547			
	-0.039408284	0.035125864	2	0	0.999449516			
ZNF607	ENSG00000198182.12	0.997264512	13	2	0.460181712			
	Brain_Hippocampus	0.886299109	Brain_Hypothalamus	10.54942851				
	0.003424585	1.546290818	-0.738547667	0.585017286	-0.049194198			
	0.350850311	2	0	0.999449516				
RP11-886D15.1	ENSG00000256422.5	0.997314229	5	4	0.85617276			
	Brain_Cerebellar_Hemisphere	0.964385543	Brain_Spinal_cord_cervical_c-1					
	3.669770483	-0.053917109	0.236570006	-0.173166124	0.181248204			
	0.033480326	0.128296393	4	0	0.999449516			
UBA6	ENSG00000033178.12	0.997370183	8	2	0.781901581			
	Brain_Putamen_basal_ganglia	0.990208324	Brain_Caudate_basal_ganglia					
	7.299914162	0.000267794	0.486668585	-0.276841803	0.127730927			
	-0.067118413	0.125008362	2	0	0.999449516			
SREK1	ENSG00000153914.15	0.997384076	1	1	0.997384076			
	Brain_Cerebellar_Hemisphere	0.997384076	Brain_Cerebellar_Hemisphere	1	1			
	1	-0.003278581	-0.003278581	-0.003278581	NA	1	0	
	0.999449516							
GPR107	ENSG00000148358.19	0.997431459	2	2	0.950825292			
	Brain_Frontal_Cortex_BA9	0.971972013	Brain_Caudate_basal_ganglia					
	1.023782601	0.976217399	0.976217399	-0.035135101	0.061670425			
	0.013267662	0.068451844	2	0	0.999449516			

IFI27L1	ENSG00000165948.10	0.997441124	9	5	0.470438167		
	Brain_Cerebellar_Hemisphere	0.941277101				Brain_Anterior_cingulate_cortex_BA24	
	6.440609426	0.060800921	0.256885416	-0.721766308	0.464821648		
	0.058911876	0.354360542	5	0	0.999449516		
NEK1	ENSG00000137601.16	0.997472852	7	2	0.339387683	Brain_Cortex	
	0.944091476	Brain_Putamen_basal_ganglia	5.987338246	0.002710897			
	0.738684874	-0.405745068	0.95537581	0.042800334	0.463567227		2
	0	0.999449516					
NPHP3	ENSG00000113971.19	0.997636744	13	1	0.395783582	Brain_Amygdala	
	0.984687776	Brain_Cerebellum	12.15863702	3.23E-07	12.15863702		
	-0.849175611	0.246151671	-0.005309806	0.270770739	1	0	
	0.999449516						
L1TD1	ENSG00000240563.1	0.997700048	3	3	0.87546663		
	Brain_Cerebellar_Hemisphere	0.968059288				Brain_Cerebellum	1.585556974
	0.415511007	0.415511007	-0.156718597	-0.040042444	-0.104338913		
	0.05924389	3	0	0.999449516			
PDCD6IP	ENSG00000170248.13	0.997763184	6	3	0.824116619		
	Brain_Nucleus_accumbens_basal_ganglia	0.978320556				Brain_Hippocampus	
	4.446947863	0.004486857	0.462998943	-0.22225341	0.132444501		
	-0.027595975	0.127483592	3	0	0.999449516		
LY6K	ENSG00000160886.13	0.997775016	12	3	0.694356762	Brain_Amygdala	
	0.998934619	Brain_Hypothalamus	10.37347112	0.001103124	0.3804479		
	-0.392949526	0.189104051	-0.089837047	0.201909301	3	0	
	0.999449516						
AKAP8	ENSG00000105127.8	0.997780545	3	2	0.948917573	Brain_Cerebellum	
	0.991305709	Brain_Frontal_Cortex_BA9	1.945105035	0.055690692			
	0.999204273	-0.064066127	-0.010896894	-0.032389085	0.028009645		
	2	0	0.999449516				
SPATA6L	ENSG00000106686.16	0.997806507	5	5	0.711497189		
	Brain_Frontal_Cortex_BA9	0.986327242				Brain_Cerebellar_Hemisphere	
	2.107735309	0.09514542	0.09514542	-0.369846066	0.106602687		
	-0.086915254	0.202576016	5	0	0.999449516		
RNF39	ENSG00000204618.8	0.997887873	13	6	0.687306249		
	Brain_Nucleus_accumbens_basal_ganglia	0.984313357				Brain_Cerebellar_Hemisphere	
	9.705065895	0.001087349	0.371970352	-0.215334565	0.402513373		
	0.049106548	0.180799795	6	0	0.999459462		
NCF2	ENSG00000116701.14	0.998096628	1	1	0.998096628		
	Brain_Cerebellar_Hemisphere	0.998096628				Brain_Cerebellar_Hemisphere	1
	1	-0.002385526	-0.002385526	-0.002385526	NA	1	0
	0.999559027						
RALYL	ENSG00000184672.11	0.998256792	2	2	0.953188138		
	Brain_Cerebellar_Hemisphere	0.994633601				Brain_Cerebellum	1.002429995
	0.997570005	0.997570005	-0.058703668	-0.006725835	-0.032714751		
	0.036753879	2	0	0.999559027			
NAA16	ENSG00000172766.18	0.998269587	2	2	0.953296678	Brain_Cerebellum	
	0.990748989	Brain_Caudate_basal_ganglia	1.099365399	0.900634601			
	0.900634601	0.011594682	0.058567398	0.03508104	0.033214726		2
	0	0.999559027					
LNP1	ENSG00000206535.7	0.998410239	13	5	0.581522352		
	Brain_Frontal_Cortex_BA9	0.986303507				Brain_Hippocampus	10.12006718
	0.000217542	0.377417337	-0.017166851	0.5511624	0.298046933		
	0.152852843	5	0	0.999559027			
WASHC4	ENSG00000136051.13	0.998426839	7	4	0.64445829		
	Brain_Cerebellar_Hemisphere	0.976449663				Brain_Substantia_nigra	
	4.669845357	0.03366131	0.181363215	-0.461474391	0.069959896		
	-0.138411429	0.222271088	4	0	0.999559027		
ADCY10	ENSG00000143199.17	0.99847065	6	4	0.738410614		
	Brain_Cerebellar_Hemisphere	0.973230133				Brain_Caudate_basal_ganglia	
	5.021276638	0.043567477	0.167587239	-0.175322322	0.333958846		
	0.107658689	0.177005364	4	0	0.999559027		
RP11-378A	12.1	ENSG00000277526.4	0.998499442	8	8	0.566874514	
	Brain_Cortex	0.869474512				Brain_Nucleus_accumbens_basal_ganglia	

	2.834313233	0.271456696	0.271456696	-0.572660608	0.164326004								
	-0.280925657	0.211866856	8	0	0.999559027								
RDM1	ENSG00000278023.5	0.998579609	7	4	0.745467021								
	Brain_Nucleus_accumbens_basal_ganglia	0.925024661			Brain_Hypothalamus								
	5.034547503	0.013752511	0.34084797	-0.324622203	-0.09410637								
	-0.253814435	0.076003282	4	0	0.999559027								
ZNF804B	ENSG00000182348.6	0.998630268	1	1	0.998630268								
	Brain_Hypothalamus	0.998630268	Brain_Hypothalamus	1	1	1							
	-0.001716705	-0.001716705	-0.001716705	NA	1	0	0.999559027						
LINC01135	ENSG00000234807.5	0.998873734	2	2	0.966081934								
	Brain_Cerebellum	0.985289716	Brain_Amygdala	1.061883337	0.938116663								
	0.938116663	-0.042522802	0.018437651	-0.012042576	0.04310555	2							
	0	0.999731197											
RP11-94C24.13	ENSG00000275897.1	0.99925063	4	2	0.895167409								
	Brain_Cerebellum	0.968259325	Brain_Cortex	3.316469208	0.022341254								
	0.596539911	-0.131293656	0.131768492	-0.009452976	0.118213236								
	2	0	0.99985256										
ARHGEF12	ENSG00000196914.8	0.9992658	2	2	0.971295397	Brain_Cerebellum							
	0.980594863	Brain_Cerebellar_Hemisphere	1.861898024	0.138101976									
	0.138101976	0.024323131	0.035983648	0.03015339	0.008245231	2							
	0	0.99985256											
PAX3	ENSG00000135903.18	0.999520549	1	1	0.999520549								
	Brain_Hypothalamus	0.999520549	Brain_Hypothalamus	1	1	1							
	-0.000600903	-0.000600903	-0.000600903	NA	1	0	0.99985256						
ZNF841	ENSG00000197608.11	0.999540861	2	2	0.983155269								
	Brain_Hippocampus	0.99114329	Brain_Putamen_basal_ganglia	1.922716264									
	0.077283736	0.077283736	0.011100467	0.021113308	0.016106887								
	0.007080147	2	0	0.99985256									
OAZ3	ENSG00000143450.16	0.999548841	2	2	0.976611404	Brain_Cerebellum							
	0.999905982	Brain_Cerebellar_Hemisphere	1.222123516	0.777876484									
	0.777876484	-0.029317458	-0.000117835	-0.014717646	0.020647252								
	2	0	0.99985256										
CTNNB1	ENSG00000168036.16	0.999561925	7	4	0.760330078								
	Brain_Caudate_basal_ganglia	0.957195619	Brain_Hippocampus	5.453246313									
	0.021658216	0.254134259	-0.088727369	0.305047365	0.098873367								
	0.140726765	4	0	0.99985256									
ARID4A	ENSG00000032219.18	0.999607608	1	1	0.999607608								
	Brain_Caudate_basal_ganglia	0.999607608	Brain_Caudate_basal_ganglia	1	1								
	1	0.00049179	0.00049179	0.00049179	NA	1	0	0.99985256					
C12orf73	ENSG00000204954.9	0.999622515	12	4	0.549470593								
	Brain_Frontal_Cortex_BA9	0.994955694	Brain_Cerebellar_Hemisphere										
	9.335100839	0.018316148	0.380748461	-0.598553618	0.069802839								
	-0.161486096	0.212552904	4	0	0.99985256								
ALOX15	ENSG00000161905.12	0.999638168	10	1	0.817655227								
	Brain_Cerebellum	0.995406675	Brain_Frontal_Cortex_BA9	9.504807836									
	0.000739862	9.504807836	-0.230561826	0.202273209	0.000866678								
	0.133758997	1	0	0.99985256									
ZFHX4	ENSG00000091656.15	0.999727025	1	1	0.999727025	Brain_Cerebellum							
	0.999727025	Brain_Cerebellum	1	1	1	0.000342123	0.000342123						
	0.000342123	NA	1	0	0.999863651								
URB1	ENSG00000142207.6	0.999792186	8	4	0.660834396								
	Brain_Putamen_basal_ganglia	0.969229197	Brain_Anterior_cingulate_cortex_BA24										
	6.069227184	0.032504048	0.213396159	-0.438761451	0.23261721								
	-0.014517646	0.217130755	4	0	0.999863651								
ZFYVE26	ENSG00000072121.15	0.999873733	1	1	0.999873733								
	Brain_Cerebellum	0.999873733	Brain_Cerebellum	1	1	1	0.000158252						
	0.000158252	0.000158252	NA	1	0	0.999873733							
ZC3H12A	ENSG00000163874.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA							
HSPG2	ENSG00000142798.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA							
RP5-965F6.2	ENSG00000231246.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA								
PADI3	ENSG00000142619.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
E2F2	ENSG00000007968.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LMX1A	ENSG00000162761.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
PRR9	ENSG00000203783.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
DMRTA2	ENSG00000142700.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
C1orf94	ENSG00000142698.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LINC01757	ENSG00000228105.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
CHRM3	ENSG00000133019.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
IFFO2	ENSG00000169991.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
HEYL	ENSG00000163909.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
BLZF1	ENSG00000117475.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LCE1F	ENSG00000240386.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
FH	ENSG00000091483.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ARID1A	ENSG00000117713.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SPRR2A	ENSG00000241794.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
TSHB	ENSG00000134200.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LINC01707	ENSG00000223883.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SLC30A1	ENSG00000170385.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
INSRR	ENSG00000027644.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
C4BPA	ENSG00000123838.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SLC25A44	ENSG00000160785.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RHOC	ENSG00000155366.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ACAP3	ENSG00000131584.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-392O17.1	ENSG00000228536.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
YRDC	ENSG00000196449.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
KLF17	ENSG00000171872.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
DCAF8	ENSG00000132716.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP1-140J1.1	ENSG00000229699.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
HOOK1	ENSG00000134709.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
PBXIP1	ENSG00000163346.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LCE3A	ENSG00000185962.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SYDE2	ENSG00000097096.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01144	ENSG00000281912.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01698	ENSG00000231648.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LCE3E	ENSG00000185966.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UHMK1	ENSG00000152332.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIF26B	ENSG00000162849.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF362	ENSG00000160094.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LCE4A	ENSG00000187170.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-181G12.4	ENSG00000234396.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MEX3A	ENSG00000254726.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DNAJB4	ENSG00000162616.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLSPN	ENSG00000092853.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FRRS1	ENSG00000156869.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LY9	ENSG00000122224.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-148B18.1	ENSG00000226835.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CH17-353B19.1	ENSG00000276509.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ITPKB	ENSG00000143772.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MYCL	ENSG00000116990.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MNDA	ENSG00000163563.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HIST2H3PS2	ENSG00000203818.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIFAP3	ENSG00000075945.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM72D	ENSG00000215784.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRIG2	ENSG00000198799.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DEPDC1	ENSG00000024526.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR11L1	ENSG00000197591.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-163M9.7	ENSG00000279151.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-312J18.6	ENSG00000232188.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDC42SE1	ENSG00000197622.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PEX11B	ENSG00000131779.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SOX13	ENSG00000143842.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-385M4.1	ENSG00000232537.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

MIGA1	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000180488.14														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TMEM82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000162460.6														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IFI44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000137965.10														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
WDR26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000162923.14														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TRIM11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000154370.15														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CLK2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000176444.18														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
C1orf87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000162598.13														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
STRIP1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000143093.14														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-496N12.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000282418.1														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
F13B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000143278.3														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HAO2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000116882.14														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ERICH3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000178965.13														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
S100A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000189334.8														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
C1orf122	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000197982.13														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PTPRF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000142949.16														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01714	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000227634.2														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PRKCZ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000067606.16														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
DIO1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000211452.10														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PACERR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000273129.1														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CELA2B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000215704.9														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SMAP2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000084070.11														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HIST2H2AA3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000203812.2														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MED18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000130772.13														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ELOA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000011007.12														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RAP1GAP	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000076864.19														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CSDE1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000009307.15														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PLA2G2D	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000117215.14														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-262K1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000227016.3														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01759	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000234546.3														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SPRR2D	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000163216.6														
	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TAF5L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000135801.9														

NA	NA	NA	NA	-2	NA									
HP1BP3	ENSG00000127483.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPBP1L1	ENSG00000159592.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR157	ENSG00000180758.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACTA1	ENSG00000143632.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01681	ENSG00000233985.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-726F1.2	ENSG00000282898.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POU2F1	ENSG00000143190.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAMTA1	ENSG00000171735.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHI3L2	ENSG00000064886.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VANGL1	ENSG00000173218.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD1D	ENSG00000158473.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
C1orf210	ENSG00000253313.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZZZ3	ENSG00000036549.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PARS2	ENSG00000162396.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRRC38	ENSG00000162494.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD1A	ENSG00000158477.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FASLG	ENSG00000117560.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01360	ENSG00000233973.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01641	ENSG00000234277.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COG2	ENSG00000135775.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FCRL5	ENSG00000143297.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TIMM17A	ENSG00000134375.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRMT13	ENSG00000122435.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL20	ENSG00000162891.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OR1C1	ENSG00000221888.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CSF3R	ENSG00000119535.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FCRL4	ENSG00000163518.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
REG4	ENSG00000134193.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SNRNP40	ENSG00000060688.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RBM15	ENSG00000162775.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RGSL1	ENSG00000121446.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CYB561D1	ENSG00000174151.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PHGDH	ENSG0000092621.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-161I10.1	ENSG00000241505.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUSP23	ENSG00000158716.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-168F9.2	ENSG00000272088.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DMRTB1	ENSG00000143006.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR14A16	ENSG00000196772.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C1orf140	ENSG00000234754.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC35F3	ENSG00000183780.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPATCH3	ENSG00000198746.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-31F15.2	ENSG00000238198.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EDARADD	ENSG00000186197.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NCDN	ENSG00000020129.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01696	ENSG00000227940.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IBA57-AS1	ENSG00000203684.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IARS2	ENSG00000067704.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR6F1	ENSG00000169214.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CFHR4	ENSG00000134365.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRSF11	ENSG00000116754.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GS1-204I12.4	ENSG00000261729.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
RXRG	ENSG00000143171.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TINAGL1	ENSG00000142910.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ESRRG	ENSG00000196482.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HECTD3	ENSG00000126107.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C1orf167	ENSG00000215910.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OCLM	ENSG00000262180.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DISC1	ENSG00000162946.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01653	ENSG00000232100.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01307	ENSG00000231671.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYP4Z1	ENSG00000186160.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XPR1	ENSG00000143324.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
ADGRL4	ENSG00000162618.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLDN19	ENSG00000164007.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SAMD13	ENSG00000203943.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL24	ENSG00000162892.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01704	ENSG00000231666.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TGFB2	ENSG00000092969.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP3-454G6.2	ENSG00000283683.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ECE1	ENSG00000117298.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC2A7	ENSG00000197241.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TPR	ENSG00000047410.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
IL19	ENSG00000142224.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC30A7	ENSG00000162695.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC16A1	ENSG00000155380.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPRR2F	ENSG00000244094.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
YY1AP1	ENSG00000163374.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1orf158	ENSG00000157330.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSPB11	ENSG00000081870.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01133	ENSG00000224259.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1orf106	ENSG00000163362.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-117P20.3	ENSG00000230704.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LIX1L	ENSG00000271601.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
INTS3	ENSG00000143624.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-410C4.4	ENSG00000231529.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR2B11	ENSG00000177535.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TARDBP	ENSG00000120948.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TCTEX1D4	ENSG00000188396.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FCAMR	ENSG00000162897.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZMYM4	ENSG00000146463.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-354K1.2	ENSG00000228792.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PSMB2	ENSG00000126067.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRRC52	ENSG00000162763.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-10N16.2	ENSG00000230023.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTBS	ENSG00000117151.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01364	ENSG00000227290.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-415J8.7	ENSG00000270115.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DPH2	ENSG00000132768.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RIMKLA	ENSG00000177181.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM76A	ENSG00000009780.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C1orf186	ENSG00000263961.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TSPAN1	ENSG00000117472.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HSD3B2	ENSG00000203859.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SH3GLB1	ENSG00000097033.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-53A1.3	ENSG00000283518.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C1orf100	ENSG00000173728.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XCL1	ENSG00000143184.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
YOD1	ENSG00000180667.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIAA0319L	ENSG00000142687.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-422P24.11	ENSG00000272654.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HES2	ENSG00000069812.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRAMEF11	ENSG00000239810.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NFASC	ENSG00000163531.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OTUD7B	ENSG00000264522.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NENF	ENSG00000117691.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KDF1	ENSG00000175707.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-330M19.1	ENSG00000225028.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-147G16.1	ENSG00000233290.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ABCB10	ENSG00000135776.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NBPF4	ENSG00000196427.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM222	ENSG00000186501.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DIRAS3	ENSG00000162595.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL22	ENSG00000116251.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GDAP2	ENSG00000196505.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
LINC01688	ENSG00000227181.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LAPTM5	ENSG00000162511.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-22L13.1	ENSG00000272235.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PHF13	ENSG00000116273.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL8A2	ENSG00000171812.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GBP1	ENSG00000117228.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LYPLA2	ENSG00000011009.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-504P24.9	ENSG00000278467.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PGLYRP3	ENSG00000159527.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PABPC4	ENSG00000090621.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SRSF10	ENSG00000188529.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD101	ENSG00000134256.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM72A	ENSG00000196550.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SFPQ	ENSG00000116560.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNA10	ENSG00000143105.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LAX1	ENSG00000122188.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01346	ENSG00000233304.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GJA4	ENSG00000187513.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-781K5.9	ENSG00000272362.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MACF1	ENSG00000127603.23				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-272L16.1	ENSG00000224260.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLPH3L	ENSG00000143457.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBCE	ENSG00000116957.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KDM1A	ENSG00000004487.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-533E19.2	ENSG00000261831.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPAG17	ENSG00000155761.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01743	ENSG00000242042.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM200B	ENSG00000253304.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PGLYRP4	ENSG00000163218.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CADM3	ENSG00000162706.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TXNDC12	ENSG00000117862.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA									
CD1C	ENSG00000158481.12					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA									
GLMN	ENSG00000174842.16					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA									
VPS72	ENSG00000163159.12					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA									
RP11-180D21.3	ENSG00000224943.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
SLC2A1	ENSG00000117394.20					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP11-35L17.3	ENSG00000231979.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
TRNP1	ENSG00000253368.3					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
C1orf234	ENSG00000227868.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
ADIPOR1	ENSG00000159346.12					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
ZNF281	ENSG00000162702.7					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP11-356N1.2	ENSG00000226822.2					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP11-533E19.7	ENSG00000272906.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
HES5	ENSG00000197921.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
PSMB4	ENSG00000159377.10					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP4-594I10.3	ENSG00000264443.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
LINC01776	ENSG00000226053.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP11-61J19.2	ENSG00000224535.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
S100A9	ENSG00000163220.10					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP11-278H7.3	ENSG00000237759.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP4-580N22.2	ENSG00000229291.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
CR1L	ENSG00000197721.16					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
LAD1	ENSG00000159166.13					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
CYR61	ENSG00000142871.16					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
KLHDC7A	ENSG00000179023.8					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
PYHIN1	ENSG00000163564.14					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
FOXJ3	ENSG00000198815.8					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
RP1-206D15.6	ENSG00000213062.4					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
NRAS	ENSG00000213281.4					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
NR1I3	ENSG00000143257.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
IGSF3	ENSG00000143061.17					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	-2	NA								
LINC01777	ENSG00000235054.3					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZNF684	ENSG00000117010.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RNF207	ENSG00000158286.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PIAS3	ENSG00000131788.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01348	ENSG00000280587.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-815M8.1	ENSG00000238042.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MAP1LC3C	ENSG00000197769.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
AMPD1	ENSG00000116748.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ENAH	ENSG00000154380.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-104L21.3	ENSG00000273160.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HIST2H4A	ENSG00000270882.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NBPF15	ENSG00000266338.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IL10	ENSG00000136634.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PRRC2C	ENSG00000117523.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01686	ENSG00000261504.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-533E19.5	ENSG00000260360.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
WNT9A	ENSG00000143816.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1orf53	ENSG00000203724.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP4-799D16.1	ENSG00000233755.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP1-224A6.9	ENSG00000271840.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MINDY1	ENSG00000143409.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-199H2.2	ENSG00000282265.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
GJB4	ENSG00000189433.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KCNA3	ENSG00000177272.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASPM	ENSG00000066279.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP4-534N18.2	ENSG00000228634.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CFH	ENSG00000000971.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFHR3	ENSG00000116785.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PADI6	ENSG00000276747.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-177F15.1	ENSG00000231877.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RPL5	ENSG00000122406.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MASP2	ENSG00000009724.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
TGFBR3	ENSG00000069702.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BTF3L4	ENSG00000134717.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLK3	ENSG00000173846.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SF3B4	ENSG00000143368.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TNFAIP8L2	ENSG00000163154.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FCMR	ENSG00000162894.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF687	ENSG00000143373.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DDOST	ENSG00000244038.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANGPTL3	ENSG00000132855.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIAA0907	ENSG00000132680.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AHDC1	ENSG00000126705.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01753	ENSG00000230250.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAF12	ENSG00000120656.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
S1PR1	ENSG00000170989.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDC	ENSG00000116703.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00337	ENSG00000225077.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MPZL1	ENSG00000197965.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SETDB1	ENSG00000143379.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
XKR8	ENSG00000158156.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01646	ENSG00000232596.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
S100A5	ENSG00000196420.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PNRC2	ENSG00000189266.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AKNAD1	ENSG00000162641.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2T10	ENSG00000184022.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ITGA10	ENSG00000143127.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BTG2	ENSG00000159388.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZSWIM5	ENSG00000162415.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-12M5.1	ENSG00000243062.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TSNAX	ENSG00000116918.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AURKAIP1	ENSG00000175756.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LHX4	ENSG00000121454.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CSRP1	ENSG00000159176.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-335E6.2	ENSG00000203605.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ENO1	ENSG00000074800.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-23I7.1	ENSG00000228153.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLAMF7	ENSG00000026751.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNF186	ENSG00000178828.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FCGR2A	ENSG00000143226.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LHX8	ENSG00000162624.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HMGCS2	ENSG00000134240.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OVAAL	ENSG00000236719.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HSD11B1	ENSG00000117594.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF672	ENSG00000171161.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DTL	ENSG00000143476.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RHBG	ENSG00000132677.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01351	ENSG00000237457.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KDM4A	ENSG00000066135.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARL8A	ENSG00000143862.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KTI12	ENSG00000198841.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM159A	ENSG00000182183.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COL11A1	ENSG00000060718.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP4-597N16.4	ENSG00000273416.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01342	ENSG00000223823.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EFNA3	ENSG00000143590.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP4-680D5.9	ENSG00000271742.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-158P9.1	ENSG00000235612.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TARBP1	ENSG00000059588.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SHC1	ENSG00000160691.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP4-683M8.2	ENSG00000226133.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNPC3	ENSG00000185946.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TIPRL	ENSG00000143155.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-380J14.1	ENSG00000204362.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA							
POGK	ENSG00000143157.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
ALPL	ENSG00000162551.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SYT11	ENSG00000132718.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
PRKACB	ENSG00000142875.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
FAM72C	ENSG00000263513.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
CD1B	ENSG00000158485.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
LINC01787	ENSG00000231987.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
CD244	ENSG00000122223.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SPRR2E	ENSG00000203785.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
MAP7D1	ENSG00000116871.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
RP5-1182A14.5	ENSG00000271732.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
UQCRHL	ENSG00000233954.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
LINC01136	ENSG00000233791.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
LHX9	ENSG00000143355.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP11-84A19.4	ENSG00000269967.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA							
ACBD3	ENSG00000182827.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
LINC01635	ENSG00000228397.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
C1QTNF12	ENSG00000184163.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
KCNK2	ENSG00000082482.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SYCP1	ENSG00000198765.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
GFI1	ENSG00000162676.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SERBP1	ENSG00000142864.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
FAM177B	ENSG00000197520.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
USF1	ENSG00000158773.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP13-392I16.1	ENSG00000235263.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA							
PALMD	ENSG00000099260.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
OR6K3	ENSG00000203757.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
ILF2	ENSG00000143621.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
ZSCAN20	ENSG00000121903.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
PLPPR4	ENSG00000117600.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
C1orf195	ENSG00000204464.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
FCRL2	ENSG00000132704.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01685	ENSG00000238063.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01705	ENSG00000232679.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-443B7.3	ENSG00000258082.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR13G1	ENSG00000197437.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01725	ENSG00000233008.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IPP	ENSG00000197429.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1orf21	ENSG00000116667.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HMGB4	ENSG00000176256.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SARS	ENSG00000031698.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPTA1	ENSG00000163554.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPCS	ENSG00000127125.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SYT2	ENSG00000143858.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLRP3	ENSG00000162711.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-550H2.2	ENSG00000230027.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MPL	ENSG00000117400.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF3I	ENSG00000084623.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2T3	ENSG00000196539.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MFSD14A	ENSG00000156875.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-660H19.1	ENSG00000225087.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INTS7	ENSG00000143493.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB8B	ENSG00000273274.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LCE1D	ENSG00000172155.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATP1A1	ENSG00000163399.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IGFN1	ENSG00000163395.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM46C	ENSG00000183508.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC6A17	ENSG00000197106.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAPZB	ENSG00000077549.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXD3	ENSG00000187140.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RASAL2	ENSG00000075391.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-443B7.1	ENSG00000238005.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
AP006222.2	ENSG00000228463.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRPF38B	ENSG00000134186.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PADI2	ENSG00000117115.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCSAP	ENSG00000154429.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCE3D	ENSG00000163202.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-306I1.2	ENSG00000236206.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCEANC2	ENSG00000116205.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP5F1	ENSG00000116459.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIB2	ENSG00000197530.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLCA1	ENSG00000016490.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OSBPL9	ENSG00000117859.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LMO4	ENSG00000143013.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01773	ENSG00000224235.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR2T5	ENSG00000203661.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ALG14	ENSG00000172339.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM125	ENSG00000179178.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYOG	ENSG00000122180.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
B3GALT2	ENSG00000162630.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRSS38	ENSG00000185888.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CA6	ENSG00000131686.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLAMF9	ENSG00000162723.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
S100A12	ENSG00000163221.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
F3	ENSG00000117525.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-968D22.3	ENSG00000228697.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP1A2	ENSG00000018625.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-943J3.2	ENSG00000272931.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLPPR5	ENSG00000117598.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPN2	ENSG00000142751.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-443B7.2	ENSG00000237520.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLA2G2F	ENSG00000158786.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP4-781K5.6	ENSG00000230628.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
SLC45A1	ENSG00000162426.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPS6KC1	ENSG00000136643.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PER3	ENSG00000049246.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STIL	ENSG00000123473.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPR61	ENSG00000156097.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-108M9.2	ENSG00000230239.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CNR2	ENSG00000188822.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPR25	ENSG00000170128.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
S100A6	ENSG00000197956.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01778	ENSG00000223382.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRAMEF19	ENSG00000204480.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OPN3	ENSG00000054277.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-278H7.1	ENSG00000226828.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ST6GALNAC3	ENSG00000184005.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01347	ENSG00000231512.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TP53BP2	ENSG00000143514.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PEX14	ENSG00000142655.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SSBP3	ENSG00000157216.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HNRNPR	ENSG00000125944.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C4BPB	ENSG00000123843.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-1086K13.1	ENSG00000224950.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01709	ENSG00000226715.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DYRK3	ENSG00000143479.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLAMF1	ENSG00000117090.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTAFR	ENSG00000169403.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2Q1	ENSG00000160714.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FDPS	ENSG00000160752.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STUM	ENSG00000203685.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST2H2BF	ENSG00000203814.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EPHX4	ENSG00000172031.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ISG20L2	ENSG00000143319.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
PAQR6	ENSG00000160781.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PEX19	ENSG00000162735.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-857K21.4	ENSG00000230021.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RSRP1	ENSG00000117616.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PMF1	ENSG00000160783.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FLAD1	ENSG00000160688.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OLFML2B	ENSG00000162745.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EDN2	ENSG00000127129.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IPO9	ENSG00000198700.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01648	ENSG00000233399.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
JTB	ENSG00000143543.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01031	ENSG00000232077.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DEGS1	ENSG00000143753.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF220	ENSG00000187147.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRELP	ENSG00000188783.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-284F21.8	ENSG00000260460.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-85G21.3	ENSG00000271736.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SELE	ENSG00000007908.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LCE3C	ENSG00000244057.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01142	ENSG00000224286.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LZIC	ENSG00000162441.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FCGR3A	ENSG00000203747.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDE4B	ENSG00000184588.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPPB	ENSG00000120937.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POU3F1	ENSG00000185668.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DPM3	ENSG00000179085.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD1E	ENSG00000158488.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-122G18.10	ENSG00000283360.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C8B	ENSG00000021852.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1orf68	ENSG00000198854.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GATAD2B	ENSG00000143614.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-309H21.3	ENSG00000261642.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01767	ENSG00000223956.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB8OS	ENSG00000176261.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARHGAP29	ENSG00000137962.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SORT1	ENSG00000134243.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC30A10	ENSG00000196660.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DCDC2B	ENSG00000222046.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RGS13	ENSG00000127074.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01763	ENSG00000225446.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2J2	ENSG00000160087.20					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BRINP3	ENSG00000162670.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZYG11A	ENSG00000203995.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FCRLA	ENSG00000132185.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACKR1	ENSG00000213088.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKT3	ENSG00000117020.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SDE2	ENSG00000143751.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
S100A8	ENSG00000143546.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RCC1	ENSG00000180198.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRDX6	ENSG00000117592.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB8A	ENSG00000160062.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM201	ENSG00000188807.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01741	ENSG00000236720.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TNNI1	ENSG00000159173.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APCS	ENSG00000132703.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01525	ENSG00000235202.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TOR1AIP1	ENSG00000143337.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C8A	ENSG00000157131.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EXO1	ENSG00000174371.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NTNG1	ENSG00000162631.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TNFRSF9	ENSG00000049249.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPRR1B	ENSG00000169469.8					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
IFNLR1	ENSG00000185436.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RGS1	ENSG00000090104.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM240	ENSG00000205090.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FBXO2	ENSG00000116661.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FCRL3	ENSG00000160856.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GLUL	ENSG00000135821.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-404O13.5	ENSG00000176320.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CACNA1S	ENSG00000081248.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1orf105	ENSG00000180999.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC9A1	ENSG00000090020.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2T34	ENSG00000183310.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TEDDM1	ENSG00000203730.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TPM3	ENSG00000143549.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STK40	ENSG00000196182.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-107M16.2	ENSG00000236427.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPR89B	ENSG00000188092.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01784	ENSG00000228338.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM62	ENSG00000116525.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM183A	ENSG00000186973.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-855F14.2	ENSG00000230404.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
YBX1	ENSG00000065978.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GBP6	ENSG00000183347.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST2H2BE	ENSG00000184678.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01710	ENSG00000225561.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AQP10	ENSG00000143595.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZC3H11B	ENSG00000215817.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAMSAP2	ENSG00000118200.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM231B	ENSG00000268991.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-160H22.3	ENSG00000224977.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-538D16.2	ENSG00000224810.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHIA	ENSG00000134216.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
CD58	ENSG00000116815.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GUCA2B	ENSG00000044012.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP4-712E4.1	ENSG00000226172.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SELP	ENSG00000174175.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RUSC1	ENSG00000160753.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MROH9	ENSG00000117501.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DUSP27	ENSG00000198842.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LAMTOR2	ENSG00000116586.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HORMAD1	ENSG00000143452.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
METTL11B	ENSG00000203740.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C1orf116	ENSG00000182795.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FCGR1A	ENSG00000150337.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ANKRD13C	ENSG00000118454.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-538D16.3	ENSG00000225982.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
ADGRB2	ENSG00000121753.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CAP1	ENSG00000131236.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CKS1B	ENSG00000173207.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP5-881P19.7	ENSG00000276255.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SLC16A4	ENSG00000168679.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EFHD2	ENSG00000142634.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PRDM2	ENSG00000116731.22					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01555	ENSG00000180869.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCDC24	ENSG00000159214.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LDLRAD1	ENSG00000203985.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LIN9	ENSG00000183814.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C1orf64	ENSG00000183888.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HENMT1	ENSG00000162639.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
S100A4	ENSG00000196154.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ARHGEF2	ENSG00000116584.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZNF683	ENSG00000176083.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP1-15D23.2	ENSG00000224228.2					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA						
NASP	ENSG00000132780.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-550H2.1	ENSG00000225605.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
PGBD2	ENSG00000185220.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RNF223	ENSG00000237330.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP4-739H11.3	ENSG00000237899.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-348H3.8	ENSG00000282718.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
NPL	ENSG00000135838.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SZRD1	ENSG00000055070.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LINC01655	ENSG00000227925.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
AMY1A	ENSG00000237763.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-466F5.10	ENSG00000273365.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
IFI44L	ENSG00000137959.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
TMEM79	ENSG00000163472.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SPATA17	ENSG00000162814.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
MYOC	ENSG00000034971.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
USH2A	ENSG00000042781.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
GBP2	ENSG00000162645.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LMNA	ENSG00000160789.19			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
ZBTB7B	ENSG00000160685.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
TNFRSF8	ENSG00000120949.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
NPHS2	ENSG00000116218.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LCE2A	ENSG00000187173.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LYST	ENSG00000143669.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
TRIM17	ENSG00000162931.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
CYB5RL	ENSG00000215883.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SH2D1B	ENSG00000198574.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
BCAR3	ENSG00000137936.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
CDK11A	ENSG00000008128.22			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
TEX38	ENSG00000186118.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
C1orf132	ENSG00000203709.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SRP9	ENSG00000143742.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
KLHDC9	ENSG00000162755.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-235D19.4	ENSG00000283324.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CELSR2	ENSG00000143126.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DEDD	ENSG00000158796.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-357P18.3	ENSG00000283044.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01770	ENSG00000225285.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-20N18.10	ENSG00000283227.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDC73	ENSG00000134371.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TRABD2B	ENSG00000269113.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GON4L	ENSG00000116580.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP5-866L20.1	ENSG00000235741.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
S100A11	ENSG00000163191.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01701	ENSG00000232212.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NCSTN	ENSG00000162736.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RBMXL1	ENSG00000213516.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MEF2D	ENSG00000116604.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HIST2H2AC	ENSG00000184260.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GTF2B	ENSG00000137947.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RCC2	ENSG00000179051.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-42O15.3	ENSG00000271992.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CEP350	ENSG00000135837.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLEC20A	ENSG00000188585.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NR5A2	ENSG00000116833.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CFAP45	ENSG00000213085.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-791M13.3	ENSG00000254539.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KDM5B	ENSG00000117139.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF648	ENSG00000179930.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPM1J	ENSG00000155367.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OPRD1	ENSG00000116329.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTRC	ENSG00000162438.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP4-781K5.7	ENSG00000282097.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA								
CGN	ENSG00000143375.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
STMN1	ENSG00000117632.22			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SPRR2B	ENSG00000196805.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
PEA15	ENSG00000162734.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SPRR1A	ENSG00000169474.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LINC01774	ENSG00000236950.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
MINOS1	ENSG00000173436.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
TROVE2	ENSG00000116747.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
CCDC17	ENSG00000159588.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP5-1024N4.2	ENSG00000223720.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ZNF691	ENSG00000164011.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
GPR3	ENSG00000181773.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
GJC2	ENSG00000198835.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
PROX1	ENSG00000117707.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ELF3	ENSG00000163435.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LACTBL1	ENSG00000215906.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
EPS8L3	ENSG00000198758.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
CD160	ENSG00000117281.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
GPR88	ENSG00000181656.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LINC01343	ENSG00000237290.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-469A15.2	ENSG00000230623.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
UFC1	ENSG00000143222.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
PIFO	ENSG00000173947.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-121P12.1	ENSG00000282849.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
FCRL1	ENSG00000163534.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-465B22.8	ENSG00000272141.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RCSD1	ENSG00000198771.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
VTCN1	ENSG00000134258.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LINC01349	ENSG00000230402.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SES2	ENSG00000130766.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
TLR5	ENSG00000187554.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
GPR89A	ENSG00000117262.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GBP5	ENSG00000154451.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NBPF6	ENSG00000186086.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB17	ENSG00000116809.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01788	ENSG00000229051.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TEX35	ENSG00000240021.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-591L5.1	ENSG00000236335.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAPKAPK2	ENSG00000162889.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2C3	ENSG00000196242.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DPH5	ENSG00000117543.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC6A9	ENSG00000196517.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ITLN2	ENSG00000158764.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AIM1L	ENSG00000176092.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST3H2A	ENSG00000181218.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADORA3	ENSG00000282608.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01779	ENSG00000235933.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GNG5	ENSG00000174021.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01350	ENSG00000228309.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTSE	ENSG00000196188.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IPO13	ENSG00000117408.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD5L	ENSG00000073754.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
THEM5	ENSG00000196407.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR34AHG	ENSG00000228526.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PYGO2	ENSG00000163348.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00272	ENSG00000203729.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-339D23.1	ENSG00000225598.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SNIP1	ENSG00000163877.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-467C18.1	ENSG00000270457.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-147C23.1	ENSG00000237435.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01762	ENSG00000233154.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CPT2	ENSG00000157184.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
TFCP2L1	ENSG00000115112.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF512	ENSG00000243943.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01913	ENSG00000214691.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACOXL	ENSG00000153093.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RBKS	ENSG00000171174.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC104088.1	ENSG00000232555.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC098828.2	ENSG00000234378.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SEMA4F	ENSG00000135622.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007463.2	ENSG00000226506.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NRXN1	ENSG00000179915.22				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NEU2	ENSG00000115488.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SP100	ENSG00000067066.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC067960.1	ENSG00000234455.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HTR2B	ENSG00000135914.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01118	ENSG00000222005.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CKAP2L	ENSG00000169607.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SULT1C3	ENSG00000196228.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FIGLA	ENSG00000183733.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01805	ENSG00000223863.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC009229.6	ENSG00000229160.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RSAD2	ENSG00000134321.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01789	ENSG00000229457.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TEX37	ENSG00000172073.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01127	ENSG00000281162.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01412	ENSG00000232606.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC144525.1	ENSG00000226992.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF2AK2	ENSG00000055332.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-480C16.1	ENSG00000272563.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01320	ENSG00000228262.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC017074.1	ENSG00000233479.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BOK	ENSG00000176720.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
AC011752.1	ENSG00000231204.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01936	ENSG00000235997.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL4A4	ENSG00000081052.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DCDC2C	ENSG00000214866.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AGXT	ENSG00000172482.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARL4C	ENSG00000188042.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NHEJ1	ENSG00000187736.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKRD53	ENSG00000144031.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXD8	ENSG00000175879.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPDYA	ENSG00000163806.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
YWHAQ	ENSG00000134308.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SUMO1	ENSG00000116030.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01831	ENSG00000225765.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STAT1	ENSG00000115415.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IWS1	ENSG00000163166.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC141930.3	ENSG00000283766.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
REG3G	ENSG00000143954.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC30A3	ENSG00000115194.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL36A	ENSG00000136694.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007179.1	ENSG00000231815.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VPS54	ENSG00000143952.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C2orf69	ENSG00000178074.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-546J1.1	ENSG00000270557.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC104695.4	ENSG00000227938.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01460	ENSG00000205334.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GLI2	ENSG00000074047.21				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL1RN	ENSG00000136689.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RGPD4	ENSG00000196862.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIAA1211L	ENSG00000196872.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NR4A2	ENSG00000153234.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STRN	ENSG00000115808.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CHRNA	ENSG00000196811.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MYO3B	ENSG00000071909.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MYOSLID	ENSG00000229647.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC110769.3	ENSG00000243179.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC011286.1	ENSG00000232328.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPAG16	ENSG00000144451.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DOK1	ENSG00000115325.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UGT1A5	ENSG00000240224.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GKN1	ENSG00000169605.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PCBP1	ENSG00000169564.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LGALS1	ENSG00000119862.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01825	ENSG00000223466.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01871	ENSG00000235576.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RPL37A	ENSG00000197756.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MROH2A	ENSG00000185038.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CMPK2	ENSG00000134326.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC124861.1	ENSG00000227479.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ASTL	ENSG00000188886.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-734K21.5	ENSG00000261104.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SCN2A	ENSG00000136531.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LBX2	ENSG00000179528.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC016730.1	ENSG00000227718.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-353K11.1	ENSG00000273265.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01828	ENSG00000235885.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC012442.6	ENSG00000228251.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC013727.1	ENSG00000232597.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LAPTM4A	ENSG00000068697.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-3304.1	ENSG00000272644.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC017002.2	ENSG00000224959.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UGT1A7	ENSG00000244122.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-444A22.1	ENSG00000271955.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
COL6A3	ENSG00000163359.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC011747.3	ENSG00000231435.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PKP4	ENSG00000144283.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WDFY1	ENSG00000085449.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC067956.1	ENSG00000236451.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COPS7B	ENSG00000144524.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01880	ENSG00000232002.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC023469.1	ENSG00000222031.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CFAP65	ENSG00000181378.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AGBL5	ENSG00000084693.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HSPD1	ENSG00000144381.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DIRC1	ENSG00000174325.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HNRNPLL	ENSG00000143889.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HECW2	ENSG00000138411.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-574016.1	ENSG00000259855.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01804	ENSG00000231031.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UGT1A4	ENSG00000244474.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EPAS1	ENSG00000116016.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC30A6	ENSG00000152683.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FN1	ENSG00000115414.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FBXO11	ENSG00000138081.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLEKHM3	ENSG00000178385.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TTN	ENSG00000155657.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01814	ENSG00000236008.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-796E10.1	ENSG00000270460.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ITSN2	ENSG00000198399.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DIRC3	ENSG00000231672.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NT5DC4	ENSG00000144130.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01593	ENSG00000231221.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01827	ENSG00000234919.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-111J6.2	ENSG00000260331.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
AC097721.2	ENSG00000228043.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C2orf83	ENSG00000042304.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C2orf76	ENSG00000186132.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SAG	ENSG00000130561.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUSP11	ENSG00000144048.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1057B6.1	ENSG00000273165.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC067959.1	ENSG00000233005.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC019064.1	ENSG00000237320.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FZD5	ENSG00000163251.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXD13	ENSG00000128714.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-332H14.1	ENSG00000272861.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYL1	ENSG00000168530.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CAB39	ENSG00000135932.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-443F4.1	ENSG00000282828.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LOXL3	ENSG00000115318.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC073321.4	ENSG00000225794.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC096574.5	ENSG00000227107.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01891	ENSG00000231682.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-171I2.3	ENSG00000271401.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTIF2	ENSG00000085760.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RFTN2	ENSG00000162944.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RTKN	ENSG00000114993.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-181E10.3	ENSG00000271590.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM182	ENSG00000170417.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IL1A	ENSG00000115008.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NRBP1	ENSG00000115216.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACSL3	ENSG00000123983.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01117	ENSG00000224577.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CENPA	ENSG00000115163.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IL37	ENSG00000125571.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KANSL3	ENSG00000114982.17					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
NMI	ENSG00000123609.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RBM45	ENSG00000155636.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC007682.1	ENSG00000231918.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC023347.1	ENSG00000235774.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC017048.2	ENSG00000236231.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-68606.1	ENSG00000272966.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01874	ENSG00000223985.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CDK15	ENSG00000138395.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-506F3.1	ENSG00000282033.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
STK11IP	ENSG00000144589.21				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
COMMD1	ENSG00000173163.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-521D12.2	ENSG00000244260.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TPO	ENSG00000115705.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NIFK	ENSG00000155438.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01818	ENSG00000230645.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PLCL1	ENSG00000115896.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ARL5A	ENSG00000162980.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC9A4	ENSG00000180251.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01107	ENSG00000225493.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC010967.2	ENSG00000228033.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GPR1	ENSG00000183671.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DNAJB2	ENSG00000135924.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KCNG3	ENSG00000171126.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MIR3681HG	ENSG00000224184.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01889	ENSG00000235491.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01937	ENSG00000234279.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CH17-132F21.5	ENSG00000281904.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NT5C1B	ENSG00000185013.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
POTEJ	ENSG00000222038.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC005042.5	ENSG00000228586.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC012462.3	ENSG00000228618.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
ARMC9	ENSG00000135931.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CNRIP1	ENSG00000119865.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BCS1L	ENSG00000074582.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC114752.1	ENSG00000238012.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GALNT14	ENSG00000158089.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PUM2	ENSG00000055917.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IKZF2	ENSG00000030419.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01873	ENSG00000232164.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC012370.3	ENSG00000234255.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SUPT7L	ENSG00000119760.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01796	ENSG00000277527.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP26B1	ENSG00000003137.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPAST	ENSG00000021574.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UGT1A3	ENSG00000243135.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STK36	ENSG00000163482.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POTEF	ENSG00000196604.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01884	ENSG00000233587.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC114783.1	ENSG00000237524.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DLX2	ENSG00000115844.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HADHA	ENSG00000084754.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MGAT4A	ENSG00000071073.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUBA4A	ENSG00000127824.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STARD7	ENSG00000084090.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC073046.25	ENSG00000235499.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC013269.5	ENSG00000184761.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRKCE	ENSG00000171132.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAP3K19	ENSG00000176601.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01965	ENSG00000256637.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FBXO48	ENSG00000204923.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC017002.4	ENSG00000225744.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NFE2L2	ENSG00000116044.15					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA							
SH3BP4	ENSG00000130147.15					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-521D12.5	ENSG00000243491.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
FAP	ENSG00000078098.13					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
SLC8A1	ENSG00000183023.18					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
REL	ENSG00000162924.13					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
AC079305.11	ENSG00000236501.5					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
FAM168B	ENSG00000152102.17					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
IL1B	ENSG00000125538.11					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
AC012462.2	ENSG00000225166.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
ABCB11	ENSG00000073734.8					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
AC017002.1	ENSG00000240350.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
MRPL33	ENSG00000243147.7					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC01865	ENSG00000233684.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LIMS4	ENSG00000256671.6					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
C2orf78	ENSG00000187833.7					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
CYS1	ENSG00000205795.4					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
CTDSP1	ENSG00000144579.7					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
KIF5C	ENSG00000168280.16					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC01850	ENSG00000227708.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
IDH1	ENSG00000138413.13					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
COL4A3	ENSG00000169031.18					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
AC092625.1	ENSG00000230991.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
AC007389.3	ENSG00000235725.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RGPD3	ENSG00000153165.18					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC01816	ENSG00000231327.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
AC092620.3	ENSG00000237772.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-459I19.1	ENSG00000272555.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
KIDINS220	ENSG00000134313.15					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
ACKR3	ENSG00000144476.5					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
UGT1A1	ENSG00000241635.7					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RBMS1	ENSG00000153250.19					NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
BMPR2	ENSG00000204217.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UGT1A8	ENSG00000242366.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007249.3	ENSG00000217258.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
G6PC2	ENSG00000152254.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01317	ENSG00000203386.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM98A	ENSG00000119812.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UNC80	ENSG00000144406.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MIR7515HG	ENSG00000236172.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C2orf48	ENSG00000163009.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01473	ENSG00000237877.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007405.4	ENSG00000234350.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC096669.1	ENSG00000225588.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UGT1A9	ENSG00000241119.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01250	ENSG00000234423.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DCTN1	ENSG00000204843.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-467P9.1	ENSG00000272735.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TEX44	ENSG00000177673.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-625N16.1	ENSG00000284452.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC009505.4	ENSG00000234162.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM161A	ENSG00000170264.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TEX41	ENSG00000226674.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HS1BP3	ENSG00000118960.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01911	ENSG00000231040.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01907	ENSG00000226125.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01941	ENSG00000226813.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MALL	ENSG00000144063.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
BRE	ENSG00000158019.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC007879.2	ENSG00000234902.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TM4SF20	ENSG00000168955.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRTM1	ENSG00000162951.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXD9	ENSG00000128709.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
TRPM8	ENSG00000144481.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LYG2	ENSG00000185674.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PTMA	ENSG00000187514.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MRPL44	ENSG00000135900.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MOGAT1	ENSG00000124003.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC062020.2	ENSG00000237856.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CCDC121	ENSG00000176714.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TMEM150A	ENSG00000168890.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TACR1	ENSG00000115353.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CXCR4	ENSG00000121966.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01191	ENSG00000234199.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TSN	ENSG00000211460.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01293	ENSG00000230836.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01857	ENSG00000224137.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-259N19.1	ENSG00000272711.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-481J13.1	ENSG00000272180.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PTRHD1	ENSG00000184924.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SCN3A	ENSG00000153253.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DAPL1	ENSG00000163331.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CACNB4	ENSG00000182389.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
REG1B	ENSG00000172023.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-440D17.3	ENSG00000272913.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PDCD1	ENSG00000188389.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GPAT2	ENSG00000186281.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01249	ENSG00000231532.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RDH14	ENSG00000240857.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
WDCP	ENSG00000163026.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NDUFB3	ENSG00000119013.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
VIL1	ENSG00000127831.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BAZ2B	ENSG00000123636.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LIMS2	ENSG00000072163.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
AUP1	ENSG00000115307.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-333I13.1	ENSG00000260977.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ABCA12	ENSG00000144452.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NCKAP5	ENSG00000176771.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SRBD1	ENSG00000068784.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AQP12A	ENSG00000184945.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IL1F10	ENSG00000136697.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SCG2	ENSG00000171951.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC092484.1	ENSG00000225107.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TMEM247	ENSG00000187600.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PTH2R	ENSG00000144407.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ARHGEF4	ENSG00000136002.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01823	ENSG00000224655.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C2orf61	ENSG00000239605.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC092431.3	ENSG00000231024.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-314C9.2	ENSG00000273006.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
AC009495.2	ENSG00000235192.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC007403.3	ENSG00000223859.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MARS2	ENSG00000247626.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NEB	ENSG00000183091.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC23A3	ENSG00000213901.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GPBAR1	ENSG00000179921.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CGREF1	ENSG00000138028.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NCKAP1	ENSG00000061676.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TDRD15	ENSG00000218819.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01961	ENSG00000234148.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01087	ENSG00000224559.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AQP12B	ENSG00000185176.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ALPI	ENSG00000163295.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IL36RN	ENSG00000136695.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ITM2C	ENSG00000135916.15					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-152D8.1		ENSG00000282998.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ORC2		ENSG00000115942.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PGAP1		ENSG00000197121.14				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TUBA3E		ENSG00000152086.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HK2		ENSG00000159399.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIF3C		ENSG00000084731.14				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-434P11.2		ENSG00000273245.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ICOS		ENSG00000163600.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01794		ENSG00000233128.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC013402.4		ENSG00000231626.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-407P15.2		ENSG00000259916.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXD11		ENSG00000128713.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYCNOS		ENSG00000233718.6				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC092687.4		ENSG00000232056.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FNDC4		ENSG00000115226.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZFP36L2		ENSG00000152518.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC011747.6		ENSG00000231083.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NFU1		ENSG00000169599.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CLK1		ENSG00000013441.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RAB1A		ENSG00000138069.16				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ABHD1		ENSG00000143994.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
C2orf27B		ENSG00000186825.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC008268.1		ENSG00000235584.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC093901.1		ENSG00000226856.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZSWIM2		ENSG00000163012.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01964		ENSG00000260840.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC062032.1		ENSG00000227902.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FKBP7		ENSG00000079150.17				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC105393.2		ENSG00000226277.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAPN13		ENSG00000162949.16				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC105393.1		ENSG00000236856.1				NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
ANKZF1	ENSG00000163516.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC073636.1	ENSG00000227098.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLEKHB2	ENSG00000115762.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL18RAP	ENSG00000115607.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR17	ENSG00000144230.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR155	ENSG00000163328.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1D	ENSG00000197223.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GALNT5	ENSG00000136542.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PREB	ENSG00000138073.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DGUOK	ENSG00000114956.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TTC30B	ENSG00000196659.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPATS2L	ENSG00000196141.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPM1G	ENSG00000115241.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL36B	ENSG00000136696.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SOX11	ENSG00000176887.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01143	ENSG00000237751.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNAJC10	ENSG00000077232.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM84A	ENSG00000162981.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPAS2	ENSG00000170485.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AGAP1	ENSG00000157985.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAPH1	ENSG00000173166.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC013727.2	ENSG00000236141.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CERS6	ENSG00000172292.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPPC	ENSG00000163273.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NCAPH	ENSG00000121152.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01185	ENSG00000228414.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAL	ENSG00000172005.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NYAP2	ENSG00000144460.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC017048.1	ENSG00000229434.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNMT3A	ENSG00000119772.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC114752.3	ENSG00000238201.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RPS27A	ENSG00000143947.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SCHLAP1	ENSG00000281131.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ODC1	ENSG00000115758.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01803	ENSG00000228909.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC108463.1	ENSG00000230499.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CRYGD	ENSG00000118231.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DYTN	ENSG00000232125.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC092162.1	ENSG00000230552.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ECEL1	ENSG00000171551.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01868	ENSG00000234169.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01956	ENSG00000258910.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007381.3	ENSG00000228590.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC073257.2	ENSG00000237614.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VAX2	ENSG00000116035.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UXS1	ENSG00000115652.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MTHFD2	ENSG00000065911.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD207	ENSG00000116031.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPHP1	ENSG00000144061.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACVR1C	ENSG00000123612.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPM1B	ENSG00000138032.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC093702.1	ENSG00000231156.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC006037.2	ENSG00000226442.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SDPR	ENSG00000168497.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SULT6B1	ENSG00000138068.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR6B2	ENSG00000182083.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NABP1	ENSG00000173559.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DCAF17	ENSG00000115827.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TNP1	ENSG00000118245.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RGPD4-AS1	ENSG00000230651.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRADC1	ENSG00000135617.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMBIM1	ENSG00000135926.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
CSRNP3	ENSG00000178662.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SAP130	ENSG00000136715.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MTA3	ENSG00000057935.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MTX2	ENSG00000128654.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LHCGR	ENSG00000138039.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUBA4B	ENSG00000243910.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC009229.5	ENSG00000227292.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01826	ENSG00000232740.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC093326.3	ENSG00000233633.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ALPPL2	ENSG00000163286.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR75	ENSG00000119737.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC068138.1	ENSG00000235070.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXD4	ENSG00000170166.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC112715.2	ENSG00000224132.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC092669.6	ENSG00000225815.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSMD1	ENSG00000173692.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC012485.2	ENSG00000232306.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLA2R1	ENSG00000153246.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC092168.4	ENSG00000228488.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01943	ENSG00000280721.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01304	ENSG00000237401.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NXP2	ENSG00000144227.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01890	ENSG00000228329.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MDH1	ENSG00000014641.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-33301.1	ENSG00000261117.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GTDC1	ENSG00000121964.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD28	ENSG00000178562.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC012506.1	ENSG00000223530.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DYSF	ENSG00000135636.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WBP1	ENSG00000239779.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXD10	ENSG00000128710.5					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
EDAR	ENSG00000135960.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-394I13.3	ENSG00000273258.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01817	ENSG00000231420.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01940	ENSG00000227744.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC092635.1	ENSG00000229370.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM169	ENSG00000163449.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC019330.1	ENSG00000225421.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC114765.1	ENSG00000239498.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TXNDC9	ENSG00000115514.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-130L8.2	ENSG00000269976.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLASP1	ENSG00000074054.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC093843.1	ENSG00000224819.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM124B	ENSG00000124019.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01614	ENSG00000230838.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PER2	ENSG00000132326.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007365.1	ENSG00000233694.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC142119.1	ENSG00000236989.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01931	ENSG00000162947.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC116609.1	ENSG00000227713.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC116609.2	ENSG00000223751.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01797	ENSG00000237179.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AAMP	ENSG00000127837.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01960	ENSG00000260868.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLHL41	ENSG00000239474.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TGFBRAP1	ENSG00000135966.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM117B	ENSG00000138439.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC019055.1	ENSG00000235911.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNJ13	ENSG00000115474.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
REG3A	ENSG00000172016.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
INHA	ENSG00000123999.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TET3	ENSG00000187605.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
HAT1	ENSG00000128708.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01807	ENSG00000232023.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-38408.1	ENSG00000267034.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC007879.3	ENSG00000240440.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BIRC6	ENSG00000115760.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RNF103	ENSG00000239305.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC079610.2	ENSG00000196096.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PLEKHA3	ENSG00000116095.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PPIG	ENSG00000138398.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IFT172	ENSG00000138002.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
POTEI	ENSG00000196834.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FOSL2	ENSG00000075426.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LRP2	ENSG00000081479.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ANKAR	ENSG00000151687.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC013402.3	ENSG00000236109.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CROCC2	ENSG00000226321.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC106053.1	ENSG00000224626.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC00211	ENSG00000237803.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MFSD2B	ENSG00000205639.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01854	ENSG00000204460.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC079163.1	ENSG00000226218.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC106900.6	ENSG00000224638.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FMNL2	ENSG00000157827.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HOXD3	ENSG00000128652.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
POTEE	ENSG00000188219.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GYPC	ENSG00000136732.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KANSL1L	ENSG00000144445.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-171I2.4	ENSG00000271141.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
EVA1A	ENSG00000115363.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
UGT1A10	ENSG00000242515.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EIF5B	ENSG00000158417.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SRSF7	ENSG00000115875.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UGT1A6	ENSG00000167165.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ASXL2	ENSG00000143970.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC069277.2	ENSG00000189229.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRRT3	ENSG00000163704.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PSMD6	ENSG00000163636.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PLCL2	ENSG00000154822.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CCR5	ENSG00000160791.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GRM7	ENSG00000196277.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TMEM89	ENSG00000183396.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AADAC	ENSG00000114771.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GPR160	ENSG00000173890.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-90K6.1	ENSG00000239482.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPR149	ENSG00000174948.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01267	ENSG00000251576.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAMKV	ENSG00000164076.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UBA3	ENSG00000144744.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-88H10.3	ENSG00000240095.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01839	ENSG00000227509.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMCD1	ENSG00000071282.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC2A2	ENSG00000163581.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-389G6.3	ENSG00000261292.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPR171	ENSG00000174946.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP2M1	ENSG00000161203.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF621	ENSG00000172888.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01980	ENSG00000225548.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LZTFL1	ENSG00000163818.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00879	ENSG00000239589.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-501O2.3	ENSG00000244650.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-528N21.1	ENSG00000226302.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02022	ENSG00000232746.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
TMEM158	ENSG00000249992.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PROK2	ENSG00000163421.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP19	ENSG00000172046.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-494H4.3	ENSG00000270178.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-439C8.1	ENSG00000243969.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLDND1	ENSG00000080822.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GTF2E1	ENSG00000153767.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM43A	ENSG00000185112.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OGG1	ENSG00000114026.21					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRR23C	ENSG00000233701.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARMC8	ENSG00000114098.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BRPF1	ENSG00000156983.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HTR3D	ENSG00000186090.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAMP	ENSG00000164047.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAV3	ENSG00000182533.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
P2RY14	ENSG00000174944.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CD80	ENSG00000121594.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DOCK3	ENSG00000088538.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC106706.1	ENSG00000233987.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-211G3.2	ENSG00000223401.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-501O2.1	ENSG00000241792.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A36	ENSG00000114120.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01213	ENSG00000244541.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM212	ENSG00000186329.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TM4SF4	ENSG00000169903.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-803P9.1	ENSG00000273375.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TBCCD1	ENSG00000113838.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAPKAPK3	ENSG00000114738.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POC1A	ENSG00000164087.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-379B18.6	ENSG00000272840.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF385D-AS2	ENSG00000223351.5					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
SLC4A7	ENSG00000033867.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RBP2	ENSG00000114113.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC022007.5	ENSG00000206567.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
THPO	ENSG00000090534.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRA2B	ENSG00000136527.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB20	ENSG00000181722.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC018832.1	ENSG00000228351.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LRRIQ4	ENSG00000188306.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DENND6A	ENSG00000174839.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCDC36	ENSG00000173421.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDHR4	ENSG00000187492.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLCXD2	ENSG00000240891.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL32	ENSG00000144713.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APPL1	ENSG00000157500.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02020	ENSG00000234548.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP2B2	ENSG00000157087.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM40	ENSG00000088726.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01192	ENSG00000241369.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-755B10.3	ENSG00000241933.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PBRM1	ENSG00000163939.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADAMTS9	ENSG00000163638.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-280H21.1	ENSG00000241754.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARL14	ENSG00000179674.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMF1	ENSG00000144747.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARL6	ENSG00000113966.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACAD11	ENSG00000240303.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEC62	ENSG00000008952.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HCLS1	ENSG00000180353.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP4-555D20.4	ENSG00000272121.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GADL1	ENSG00000144644.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL15	ENSG00000174748.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-456N14.4	ENSG00000283148.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01210	ENSG00000239513.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-444P10.1	ENSG00000241667.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EMC3	ENSG00000125037.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF654	ENSG00000175105.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MRPS25	ENSG00000131368.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SSUH2	ENSG00000125046.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GNAI2	ENSG00000114353.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHMP2B	ENSG00000083937.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SOX2	ENSG00000181449.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCDC54	ENSG00000138483.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FRMD4B	ENSG00000114541.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02016	ENSG00000244215.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HACL1	ENSG00000131373.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TNFSF10	ENSG00000121858.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02027	ENSG00000243694.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IP6K1	ENSG00000176095.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNAJC13	ENSG00000138246.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STT3B	ENSG00000163527.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZPLD1	ENSG00000170044.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STAB1	ENSG00000010327.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02005	ENSG00000242741.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01968	ENSG00000237222.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP13A3	ENSG00000133657.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LPP	ENSG00000145012.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02017	ENSG00000243572.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HHLA2	ENSG00000114455.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XRN1	ENSG00000114127.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-2A4.4	ENSG00000261146.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AMOTL2	ENSG00000114019.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FBLN2	ENSG00000163520.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
LINC01214	ENSG00000243550.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01215	ENSG00000271856.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMIM4	ENSG00000168273.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
U73166.2	ENSG00000230454.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMLN	ENSG00000185621.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PAQR9	ENSG00000188582.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZCWPW2	ENSG00000206559.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL8A1	ENSG00000144810.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-543D10.2	ENSG00000239628.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-231E6.1	ENSG00000243081.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FYTTD1	ENSG00000122068.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EXOSC7	ENSG00000075914.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02004	ENSG00000240006.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRM2	ENSG00000164082.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRMT10C	ENSG00000174173.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF5A2	ENSG00000163577.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KALRN	ENSG00000160145.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-761N21.1	ENSG00000231873.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRKCI	ENSG00000163558.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDCP1	ENSG00000163814.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC6A1	ENSG00000157103.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
XIRP1	ENSG00000168334.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM39A	ENSG00000176142.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL17RD	ENSG00000144730.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TPRG1	ENSG00000188001.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TGM4	ENSG00000163810.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-18H7.1	ENSG00000242622.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-136C24.2	ENSG00000227245.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MBNL1	ENSG00000152601.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WDR82	ENSG00000164091.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYD88	ENSG00000172936.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

CCR3	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000183625.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BFSP2	ENSG00000170819.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ERICH6	ENSG00000163645.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KIAA1524	ENSG00000163507.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZIC1	ENSG00000152977.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
WDR53	ENSG00000185798.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01206	ENSG00000242512.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TF	ENSG00000091513.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ACTRT3	ENSG00000184378.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ECT2	ENSG00000114346.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01100	ENSG00000242107.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HESX1	ENSG00000163666.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-58O15.1	ENSG00000240777.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SPATA16	ENSG00000144962.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GMNC	ENSG00000205835.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SKIL	ENSG00000136603.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TM4SF19	ENSG00000145107.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01565	ENSG00000198685.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GPR87	ENSG00000138271.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PHC3	ENSG00000173889.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CMC1	ENSG00000187118.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC9C1	ENSG00000172139.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CCDC12	ENSG00000160799.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-62G11.2	ENSG00000240842.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
OXSM	ENSG00000151093.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-167H9.5	ENSG00000241048.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-439C8.2	ENSG00000243953.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01209	ENSG00000228308.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ALCAM	ENSG00000170017.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RETNLB	ENSG00000163515.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CASR	ENSG00000036828.15					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-91K8.5		ENSG00000272832.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTPRG	ENSG00000144724.19		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-372H2.1		ENSG00000233919.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HRH1	ENSG00000196639.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01972		ENSG00000230401.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAP4	ENSG00000047849.21		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-33A14.1		ENSG00000223930.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ALAS1	ENSG00000023330.14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PLSCR5		ENSG00000231213.6				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACKR4	ENSG00000129048.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RNF13	ENSG00000082996.19		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ABHD10		ENSG00000144827.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
U2SURP		ENSG00000163714.17				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00501		ENSG00000203645.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TPRG1-AS1		ENSG00000234076.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KLHL40		ENSG00000157119.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CPA3	ENSG00000163751.3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NCBP2	ENSG00000114503.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-646E18.4		ENSG00000260377.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A38		ENSG00000144659.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TGFBR2		ENSG00000163513.17				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02050		ENSG00000242781.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPRL2	ENSG00000114388.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-2L8.1		ENSG00000225790.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLA1A	ENSG00000144837.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01471		ENSG00000239921.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TIGIT	ENSG00000181847.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CD200R1L		ENSG00000206531.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNAJB8		ENSG00000179407.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C3orf22		ENSG00000180697.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCR9	ENSG00000173585.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
HTR3C	ENSG00000178084.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HTR1F	ENSG00000179097.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LAMB2	ENSG00000172037.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ELP6	ENSG00000163832.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DUSP7	ENSG00000164086.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TRAT1	ENSG00000163519.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-534C12.1	ENSG00000272707.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-398A8.5	ENSG00000276471.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LRRC31	ENSG00000114248.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IQCF3	ENSG00000229972.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-14D22.1	ENSG00000244564.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
H1FOO	ENSG00000178804.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF620	ENSG00000177842.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DNASE1L3	ENSG00000163687.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-114M1.1	ENSG00000228561.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01487	ENSG00000241336.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC024560.2	ENSG00000236833.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-469J4.3	ENSG00000242578.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MCF2L2	ENSG00000053524.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCR2	ENSG00000121807.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CD96	ENSG00000153283.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TMEM115	ENSG00000126062.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MYLK	ENSG00000065534.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF80	ENSG00000174255.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TWF2	ENSG00000247596.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
UBE2E1	ENSG00000170142.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SHOX2	ENSG00000168779.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SCN10A	ENSG00000185313.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-290K4.2	ENSG00000242536.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IQCF6	ENSG00000214686.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC6A20	ENSG00000163817.15					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
ARL13B	ENSG00000169379.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CSTA	ENSG00000121552.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RTP2	ENSG00000198471.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC027119.1	ENSG00000229642.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARPP21	ENSG00000172995.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARIH2	ENSG00000177479.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
B3GALNT1	ENSG00000169255.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FANCD2OS	ENSG00000163705.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLSCR2	ENSG00000163746.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CPNE9	ENSG00000144550.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP4	ENSG00000114316.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR15	ENSG00000154165.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUSC2	ENSG00000114383.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TOP2B	ENSG00000077097.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL6A5	ENSG00000172752.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DAG1	ENSG00000173402.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
THRB	ENSG00000151090.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TIPARP	ENSG00000163659.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKUB1	ENSG00000206199.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01986	ENSG00000223587.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CNOT10	ENSG00000182973.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL1RAP	ENSG00000196083.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ABTB1	ENSG00000114626.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-246A10.1	ENSG00000239941.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
POLQ	ENSG00000051341.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRPL47	ENSG00000136522.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC3B	ENSG00000179796.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-555D20.2	ENSG00000261786.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02025	ENSG00000242339.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02038	ENSG00000229155.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-360P21.2	ENSG00000229102.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
ZBED2	ENSG00000177494.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
IL5RA	ENSG00000091181.19			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SMARCC1	ENSG00000173473.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HYAL1	ENSG00000114378.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01985	ENSG00000227260.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EIF1B	ENSG00000114784.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TOPBP1	ENSG00000163781.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CNBP	ENSG00000169714.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-875H7.5	ENSG00000242317.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PTPN23	ENSG00000076201.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PARL	ENSG00000175193.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC02046	ENSG00000242440.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MLF1	ENSG00000178053.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC22A13	ENSG00000172940.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZBTB47	ENSG00000114853.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GPR156	ENSG00000175697.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
QTRT2	ENSG00000151576.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CSRNP1	ENSG00000144655.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
C3orf30	ENSG00000163424.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AY269186.2	ENSG00000224918.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC128709.4	ENSG00000229912.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NR1D2	ENSG00000174738.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM162A	ENSG00000114023.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EIF4A2	ENSG00000156976.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM19A4	ENSG00000163377.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GRM7-AS3	ENSG00000226258.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LIPH	ENSG00000163898.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF35	ENSG00000169981.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FXR1	ENSG00000114416.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLCO2A1	ENSG00000174640.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MUC13	ENSG00000173702.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
YEATS2	ENSG00000163872.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPL14	ENSG00000188846.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF4G1	ENSG00000114867.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IQCF2	ENSG00000184345.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CXCR6	ENSG00000172215.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RASA2	ENSG00000155903.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM108	ENSG00000144868.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC128709.2	ENSG00000237167.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01981	ENSG00000229243.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RBM5	ENSG00000003756.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-446H18.5	ENSG00000239828.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CACNA2D3	ENSG00000157445.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00885	ENSG00000224652.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OXNAD1	ENSG00000154814.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01391	ENSG00000244578.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
P2RY12	ENSG00000169313.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC087430.1	ENSG00000235158.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-314M24.1	ENSG00000240241.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBA5	ENSG00000081307.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-154H23.3	ENSG00000270562.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02066	ENSG00000241151.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-114M1.2	ENSG00000236385.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C3orf49	ENSG00000163632.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPL24	ENSG00000114391.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBXN7	ENSG00000163960.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEP97	ENSG00000182504.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCR8	ENSG00000179934.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DCLK3	ENSG00000163673.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GCSAM	ENSG00000174500.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DRD3	ENSG00000151577.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TM4SF18	ENSG00000163762.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
LSM3	ENSG00000170860.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STXBP5L	ENSG00000145087.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BTLA	ENSG00000186265.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC128709.3	ENSG00000235126.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC026188.1	ENSG00000223727.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD200R1	ENSG00000163606.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-278L15.2	ENSG00000243885.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RTP3	ENSG00000163825.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNAJC19	ENSG00000205981.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02000	ENSG00000243832.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AZI2	ENSG00000163512.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM42	ENSG00000155890.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RYK	ENSG00000163785.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF148	ENSG00000163848.19			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02052	ENSG00000224406.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PODXL2	ENSG00000114631.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FRG2C	ENSG00000172969.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMC4	ENSG00000113810.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCR1	ENSG00000163823.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLHL6	ENSG00000172578.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ILDR1	ENSG00000145103.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLEC3B	ENSG00000163815.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00994	ENSG00000189196.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
APEH	ENSG00000164062.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01208	ENSG00000223715.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ITIH1	ENSG00000055957.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SNTN	ENSG00000188817.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CPN2	ENSG00000178772.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SETMAR	ENSG00000170364.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RABL3	ENSG00000144840.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCDC14	ENSG00000175455.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
TRAI	ENSG00000183763.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FGD5	ENSG00000154783.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AADACL2	ENSG00000197953.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCR4	ENSG00000183813.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SETD2	ENSG00000181555.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00887	ENSG00000214145.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-384F7.1	ENSG00000243276.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMPPE	ENSG00000188167.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02014	ENSG00000248243.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RBSN	ENSG00000131381.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02030	ENSG00000240708.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GP5	ENSG00000178732.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TCTA	ENSG00000145022.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BPESC1	ENSG00000232416.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-10022.1	ENSG00000241168.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TBC1D23	ENSG00000036054.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC116035.2	ENSG00000227549.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02045	ENSG00000243347.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC15	ENSG00000172061.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NAALADL2	ENSG00000177694.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CX3CR1	ENSG00000168329.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC123023.1	ENSG00000236452.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C3orf56	ENSG00000214324.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
B3GNT5	ENSG00000176597.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02068	ENSG00000223387.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM41A	ENSG00000163900.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GBE1	ENSG00000114480.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MORC1	ENSG00000114487.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TNNC1	ENSG00000114854.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IQCJ	ENSG00000214216.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-797D24.3	ENSG00000273454.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-194G10.3	ENSG00000269391.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SI	ENSG0000090402.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C3orf36	ENSG00000221972.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00881	ENSG00000241135.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KLF15	ENSG00000163884.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PDCD10	ENSG00000114209.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02023	ENSG00000239205.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OTOL1	ENSG00000182447.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
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RP11-88H10.2	ENSG00000244358.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
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DTX3L	ENSG00000163840.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02015	ENSG00000231574.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XCR1	ENSG00000173578.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-292E2.1	ENSG00000241220.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MKRN2OS	ENSG00000225526.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HRG	ENSG00000113905.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KCTD8	ENSG00000183783.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-234K19.1	ENSG00000251399.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-614F17.2	ENSG00000251676.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ABCE1	ENSG00000164163.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-73K9.3	ENSG00000272567.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C1QTNF7	ENSG00000163145.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AMTN	ENSG00000187689.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MFSD8	ENSG00000164073.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-608O21.1	ENSG00000248515.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC9B1	ENSG00000164037.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UGT2B15	ENSG00000196620.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EXOSC9	ENSG00000123737.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TKTL2	ENSG00000151005.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-142A22.4	ENSG00000272727.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DTHD1	ENSG00000197057.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEPSECS	ENSG00000109618.11					NA	NA	NA	NA	NA	NA	NA	NA	NA

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RP11-168E17.1	ENSG00000251210.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PF4	ENSG00000163737.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC10A4	ENSG00000145248.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NAT8L	ENSG00000185818.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PSAPL1	ENSG00000178597.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GK3P	ENSG00000229894.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-73G16.3	ENSG00000249818.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRR27	ENSG00000187533.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADH1A	ENSG00000187758.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-269F21.2	ENSG00000248432.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-223C24.1	ENSG00000249806.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPAT	ENSG00000128059.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WDFY3	ENSG00000163625.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COX18	ENSG00000163626.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ODAM	ENSG00000109205.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMPRSS11B	ENSG00000185873.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
POLN	ENSG00000130997.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUX4	ENSG00000260596.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEC24B	ENSG00000138802.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-18H21.3	ENSG00000251377.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM184C	ENSG00000164168.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KLHL8	ENSG00000145332.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-55L3.1	ENSG00000250791.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-731D1.4	ENSG00000270265.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-529E10.7	ENSG00000270090.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-440I14.3	ENSG00000251584.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-203B7.1	ENSG00000251024.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RASL11B	ENSG00000128045.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-24I21.1	ENSG00000248210.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UGT2B28	ENSG00000135226.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-263J14.1	ENSG00000283314.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

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ATO1	ENSG00000172238.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ERVH-1	ENSG00000251292.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DHX15	ENSG00000109606.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HAUS3	ENSG00000214367.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-576E20.1	ENSG00000250819.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01612	ENSG00000250266.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPATA18	ENSG00000163071.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-368B9.2	ENSG00000250681.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMPRSS11E	ENSG00000087128.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC004069.2	ENSG00000251259.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-61G19.2	ENSG00000283083.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-646I6.6	ENSG00000270147.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-362F19.1	ENSG00000248810.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01365	ENSG00000250772.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PABPC4L	ENSG00000254535.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NEIL3	ENSG00000109674.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CWH43	ENSG00000109182.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OPRPN	ENSG00000171199.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-519M16.1	ENSG00000246876.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-452C8.1	ENSG00000248408.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-281P23.2	ENSG00000249631.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAP9	ENSG00000164114.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-774O3.2	ENSG00000249145.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAPT1	ENSG00000169762.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02173	ENSG00000249613.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RASSF6	ENSG00000169435.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C4orf48	ENSG00000243449.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-74M11.2	ENSG00000248300.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIT	ENSG00000157404.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPFFR2	ENSG00000056291.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCNA2	ENSG00000145386.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CRMP1	ENSG00000072832.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-362F19.3	ENSG00000272632.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC007126.1	ENSG00000250497.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UGDH	ENSG00000109814.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NMU	ENSG00000109255.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FGFR3	ENSG00000068078.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-319E12.2	ENSG00000251459.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FABP2	ENSG00000145384.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARHGAP10	ENSG00000071205.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NWD2	ENSG00000174145.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANXA10	ENSG00000109511.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2D3	ENSG00000109332.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRAPPC11	ENSG00000168538.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-785F11.1	ENSG00000250341.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CASP3	ENSG00000164305.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-362I1.1	ENSG00000248744.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GUCY1A3	ENSG00000164116.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDS1	ENSG00000163624.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PRKG2	ENSG00000138669.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RAB28	ENSG00000157869.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
S100P	ENSG00000163993.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-696F12.1	ENSG00000250971.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TLR3	ENSG00000164342.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-503L19.1	ENSG00000250357.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FGG	ENSG00000171557.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CPZ	ENSG00000109625.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-552M14.1	ENSG00000249645.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-123O22.1	ENSG00000250064.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-344G13.1	ENSG00000248872.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COPS4	ENSG00000138663.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-22A3.2	ENSG00000250371.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-756P10.5	ENSG00000251619.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLAIN2	ENSG00000109171.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-440I14.2	ENSG00000250596.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-366H4.1	ENSG00000248370.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-617I14.1	ENSG00000251182.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-610P16.1	ENSG00000251611.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPY5R	ENSG00000164129.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-93I21.3	ENSG00000261083.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP1AR	ENSG00000138660.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DMP1	ENSG00000152592.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-11N5.3	ENSG00000272218.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01259	ENSG00000249667.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FGFBP1	ENSG00000137440.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-161D15.1	ENSG00000250708.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01207	ENSG00000248771.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF827	ENSG00000151612.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UGT2A1	ENSG00000173610.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP46-AS1	ENSG00000248866.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPAT3	ENSG00000138678.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MRFAP1	ENSG00000179010.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-818C3.1	ENSG00000250024.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPARGC1A	ENSG00000109819.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-386B13.3	ENSG00000250754.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-577G20.2	ENSG00000250078.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-308D13.3	ENSG00000261268.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-96A1.5	ENSG00000253825.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ALB	ENSG00000163631.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-722M1.1	ENSG00000248215.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PF4V1	ENSG00000109272.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PDCL2	ENSG00000163440.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LGI2	ENSG00000153012.11					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-814H16.2	ENSG00000272862.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-73G16.2	ENSG00000248991.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF732	ENSG00000186777.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM192	ENSG00000170088.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-242J7.1	ENSG00000254233.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-290F5.2	ENSG00000180712.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-203B7.2	ENSG00000260303.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GABRB1	ENSG00000163288.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EDNRA	ENSG00000151617.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-489G11.3	ENSG00000261646.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DAPP1	ENSG00000070190.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DEFB131	ENSG00000186146.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC112518.3	ENSG00000228277.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAML3	ENSG00000196782.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-798L4.1	ENSG00000205682.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-281P23.1	ENSG00000251152.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-314N14.1	ENSG00000250102.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DDX60	ENSG00000137628.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GSX2	ENSG00000180613.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
JADE1	ENSG00000077684.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FDCSP	ENSG00000181617.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-789C1.2	ENSG00000251061.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADH6	ENSG00000172955.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-427M20.1	ENSG00000251388.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTNR1A	ENSG00000168412.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COX7B2	ENSG00000170516.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP8A1	ENSG00000124406.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-130C6.1	ENSG00000273077.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-775H9.2	ENSG00000251567.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STOX2	ENSG00000173320.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01396	ENSG00000273396.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA								
GC	ENSG00000145321.12					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
TTC29	ENSG00000137473.17					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
CXCL5	ENSG00000163735.6					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
LINC01256	ENSG00000251398.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
OTUD4	ENSG00000164164.15					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
UGT2B7	ENSG00000171234.13					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
LINC01091	ENSG00000249464.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
PPP3CA	ENSG00000138814.16					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
HMX1	ENSG00000215612.7					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
PCDH7	ENSG00000169851.15					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
RP11-381N20.2	ENSG00000249125.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
TMPRSS11D	ENSG00000153802.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
SMARCD1	ENSG00000163104.17					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
SCOC	ENSG00000153130.17					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
H2AFZ	ENSG00000164032.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
SLC10A6	ENSG00000145283.7					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
RP11-265O12.1	ENSG00000248516.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
PDHA2	ENSG00000163114.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
FBXO8	ENSG00000164117.13					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
UGT2B11	ENSG00000213759.9					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
RP11-542G1.2	ENSG00000251454.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
NSD2	ENSG00000109685.17					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
RP11-685F15.1	ENSG00000251049.2					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
DKK2	ENSG00000155011.8					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
MYL5	ENSG00000215375.6					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
MAB21L2	ENSG00000181541.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
NOCT	ENSG00000151014.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
ADH4	ENSG00000198099.8					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
IL15	ENSG00000164136.16					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
FAM175A	ENSG00000163322.13					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		-2	NA								
SDAD1	ENSG00000198301.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SMAD1	ENSG00000170365.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-365H22.2	ENSG00000272576.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2325B11.1	ENSG00000249837.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKRD37	ENSG00000186352.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PGRMC2	ENSG00000164040.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PAICS	ENSG00000128050.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZFP42	ENSG00000179059.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RNF150	ENSG00000170153.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-419L4.1	ENSG00000250193.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COQ2	ENSG00000173085.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01093	ENSG00000249173.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-11N5.1	ENSG00000250829.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01096	ENSG00000246095.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-400D2.3	ENSG00000251291.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TIGD4	ENSG00000169989.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
BANK1	ENSG00000153064.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TEC	ENSG00000135605.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-324J13.2	ENSG00000248143.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CABS1	ENSG00000145309.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HNRNPD	ENSG00000138668.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KDR	ENSG00000128052.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PITX2	ENSG00000164093.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TBC1D9	ENSG00000109436.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-366M4.13	ENSG00000250887.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-138B4.1	ENSG00000250658.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMPRSS11A	ENSG00000187054.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UGT2B4	ENSG00000156096.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLRG1	ENSG00000171566.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01095	ENSG00000248809.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARHGEF38	ENSG00000236699.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NAA11	ENSG00000156269.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SMR3A	ENSG00000109208.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-502M1.2	ENSG00000249425.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLCN3	ENSG00000109572.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ADH7	ENSG00000196344.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ELOVL6	ENSG00000170522.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP13-1016M1.2	ENSG00000272783.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-44F21.5	ENSG00000260265.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-576N17.5	ENSG00000250057.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-765K14.1	ENSG00000250263.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-660M5.1	ENSG00000271172.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GRXCR1	ENSG00000215203.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PDE6B	ENSG00000133256.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-125O18.1	ENSG00000248491.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PDGFRA	ENSG00000134853.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SFRP2	ENSG00000145423.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SNCA	ENSG00000145335.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC4A4	ENSG00000080493.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FRG1	ENSG00000109536.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-205M3.3	ENSG00000248319.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-752L20.5	ENSG00000251688.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCAT4	ENSG00000251321.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-27G13.1	ENSG00000249924.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-367N14.3	ENSG00000272744.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-386B13.4	ENSG00000248517.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CORIN	ENSG00000145244.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-45I20.1	ENSG00000235149.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC097381.1	ENSG00000228919.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-171N4.2	ENSG00000251283.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CXCL6	ENSG00000124875.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UCP1	ENSG00000109424.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UTP3	ENSG00000132467.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SETD7	ENSG00000145391.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PARM1	ENSG00000169116.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GABRA4	ENSG00000109158.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-91J3.3	ENSG00000250620.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MGAT4D	ENSG00000205301.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ABCG2	ENSG00000118777.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SMR3B	ENSG00000171201.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-79E3.2	ENSG00000250723.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CXCL2	ENSG00000081041.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SMIM14	ENSG00000163683.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSPA4L	ENSG00000164070.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-766F14.2	ENSG00000248713.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ERVMER34-1	ENSG00000226887.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CXCL9	ENSG00000138755.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-364P22.2	ENSG00000249275.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CXCL8	ENSG00000169429.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TRIM60	ENSG00000176979.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-756P10.2	ENSG00000250626.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-422J15.1	ENSG00000249618.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-577G20.1	ENSG00000250340.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-622A1.2	ENSG00000250436.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-273B19.1	ENSG00000251256.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SULT1B1	ENSG00000173597.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WWC2-AS2	ENSG00000251359.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TET2	ENSG00000168769.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-308K2.1	ENSG00000249747.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-665I14.1	ENSG00000249882.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GK2	ENSG00000196475.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-12K22.1	ENSG00000250775.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-774O3.1	ENSG00000248986.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPRY1	ENSG00000164056.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
EXOC1	ENSG00000090989.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PHOX2B	ENSG00000109132.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAD2L1	ENSG00000164109.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-103J17.1	ENSG00000247810.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHRNA9	ENSG00000174343.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATP5I	ENSG00000169020.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-457P14.5	ENSG00000249771.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DKFZP434I0714	ENSG00000268471.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01182	ENSG00000250634.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPL34	ENSG00000109475.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-725M22.1	ENSG00000250597.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-600L4.1	ENSG00000251642.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-292B1.2	ENSG00000250190.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SYNPO2	ENSG00000172403.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MUC7	ENSG00000171195.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01596	ENSG00000250666.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-326I11.3	ENSG00000271646.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-102N12.3	ENSG00000273472.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UGT2A3	ENSG00000135220.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01262	ENSG00000250739.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-161D15.3	ENSG00000251216.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-415C15.1	ENSG00000251080.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STPG2	ENSG00000163116.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OTOP1	ENSG00000163982.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-184M15.1	ENSG00000248187.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EREG	ENSG00000124882.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EGF	ENSG00000138798.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-184M15.2	ENSG00000248802.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNIP4	ENSG00000185774.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR3945HG	ENSG00000251230.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-567N4.2	ENSG00000248646.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA								
INTU	ENSG00000164066.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
MTTP	ENSG00000138823.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
OSTC	ENSG00000198856.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
HELT	ENSG00000187821.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
LINC00575	ENSG00000231782.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-138I17.1	ENSG00000248869.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
PRMT9	ENSG00000164169.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
COMMD8	ENSG00000169019.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-381N20.1	ENSG00000251526.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
ENOPH1	ENSG00000145293.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
TMEM154	ENSG00000170006.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
NPNT	ENSG00000168743.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ABHD18	ENSG00000164074.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
TNIP3	ENSG00000050730.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
UGT8	ENSG00000174607.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RP11-706F1.1	ENSG00000251310.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
SOWAHB	ENSG00000186212.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
NAA15	ENSG00000164134.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
THAP6	ENSG00000174796.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
TMPRSS11F	ENSG00000198092.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
RP11-700N1.1	ENSG00000250392.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
AREG	ENSG00000109321.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
TRPC3	ENSG00000138741.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
RXFP1	ENSG00000171509.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ENAM	ENSG00000132464.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ETNPPL	ENSG00000164089.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
RP11-6N13.1	ENSG00000251574.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
DDX46	ENSG00000145833.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
ZNF300	ENSG00000145908.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA									
NREP	ENSG00000134986.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA										
SOWAHA	ENSG00000198944.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-114J13.1	ENSG00000248752.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01948	ENSG00000248727.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHSY3	ENSG00000198108.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM36	ENSG00000152503.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLPP1	ENSG00000067113.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02148	ENSG00000250427.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01843	ENSG00000251169.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-332L22.1	ENSG00000271849.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDHB15	ENSG00000113248.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A46	ENSG00000164209.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2376I4.2	ENSG00000272081.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
JAKMIP2	ENSG00000176049.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02201	ENSG00000251538.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DIMT1	ENSG00000086189.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-78H18.1	ENSG00000253110.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-434D9.1	ENSG00000249364.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC6A19	ENSG00000174358.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-257I8.2	ENSG00000250411.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APC	ENSG00000134982.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-730N24.1	ENSG00000248908.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP6V0E1	ENSG00000113732.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-423H2.4	ENSG00000280207.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-78C3.1	ENSG00000248112.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CWC27	ENSG00000153015.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SNCB	ENSG00000074317.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPINK7	ENSG00000145879.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAN2A1	ENSG00000112893.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C5orf66-AS1	ENSG00000249082.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C6	ENSG00000039537.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NRG2	ENSG00000158458.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRKAA1	ENSG00000132356.11					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
CTD-2066L21.3	ENSG00000250697.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02160	ENSG00000251443.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC6A3	ENSG00000142319.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-73N10.1	ENSG00000248125.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTMR12	ENSG00000150712.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2023N9.2	ENSG00000248294.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01942	ENSG00000253428.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02122	ENSG00000248474.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NEURL1B	ENSG00000214357.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-325L7.2	ENSG00000250260.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-420O16.1	ENSG00000249854.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GNPDA1	ENSG00000113552.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IRX2	ENSG00000170561.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-136K7.3	ENSG00000253985.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC34A1	ENSG00000131183.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-32D16.1	ENSG00000254135.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCL28	ENSG00000151882.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00603	ENSG00000250048.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TERT	ENSG00000164362.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FNIP1	ENSG00000217128.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02111	ENSG00000250822.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDHGA8	ENSG00000253767.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-478P10.1	ENSG00000249584.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GAPT	ENSG00000175857.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SMIM23	ENSG00000185662.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPP2CA	ENSG00000113575.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDH12	ENSG00000113555.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GPX8	ENSG00000164294.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ESM1	ENSG00000164283.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ERGIC1	ENSG00000113719.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02059	ENSG00000250544.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC02057	ENSG00000249279.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LRRTM2	ENSG00000146006.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCERG1	ENSG00000113649.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CTC-235G5.3	ENSG00000248127.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-3007L5.1	ENSG00000248490.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TRPC7	ENSG00000069018.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5orf24	ENSG00000181904.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ITGA1	ENSG00000213949.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RNF14	ENSG00000013561.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
HMGCR	ENSG00000113161.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLCO6A1	ENSG00000205359.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-213H15.1	ENSG00000234292.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IL4	ENSG00000113520.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01021	ENSG00000250337.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HSPB3	ENSG00000169271.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01932	ENSG00000253315.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2161F6.2	ENSG00000248311.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC02212	ENSG00000249396.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2116N20.1	ENSG00000250081.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2089N3.3	ENSG00000248918.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
OSMR	ENSG00000145623.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-259O2.2	ENSG00000248597.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ERBIN	ENSG00000112851.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IQGAP2	ENSG00000145703.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CXXC5	ENSG00000171604.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PTGER4	ENSG00000171522.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTB-114C7.4	ENSG00000250274.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ARHGAP26	ENSG00000145819.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SH3RF2	ENSG00000156463.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC02215	ENSG00000249128.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SEMA5A	ENSG00000112902.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
CNOT6	ENSG00000113300.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COX7C	ENSG00000127184.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SAP30L	ENSG00000164576.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2333K2.1	ENSG00000248261.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-40H15.4	ENSG00000272057.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM53C	ENSG00000120709.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MRPS30	ENSG00000112996.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDHGB3	ENSG00000262209.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-366B18.4	ENSG00000272040.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SOX30	ENSG00000039600.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IPO11	ENSG00000086200.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01187	ENSG00000249601.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00491	ENSG00000250682.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01340	ENSG00000250331.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PDGFRB	ENSG00000113721.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PFDN1	ENSG00000113068.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C5orf66-AS2	ENSG00000249647.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01485	ENSG00000254211.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2195M15.3	ENSG00000271766.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACTBL2	ENSG00000169067.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HMGCS1	ENSG00000112972.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02104	ENSG00000271334.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C5orf52	ENSG00000187658.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SUB1	ENSG00000113387.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-551A13.1	ENSG00000248428.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2334D19.1	ENSG00000248927.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C7	ENSG00000112936.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF879	ENSG00000234284.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IGIP	ENSG00000182700.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ICE1	ENSG00000164151.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDHGA7	ENSG00000253537.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
CATSPER3	ENSG00000152705.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AFAP1L1	ENSG00000157510.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02100	ENSG00000248693.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WWC1	ENSG00000113645.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-83M16.5	ENSG00000249736.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CXXC5-AS1	ENSG00000250635.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-141O11.1	ENSG00000250066.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2139B15.2	ENSG00000248223.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC22A4	ENSG00000197208.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC138517.6	ENSG00000283288.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC70	ENSG00000186105.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPR3	ENSG00000113389.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC02162	ENSG00000249830.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAS2R1	ENSG00000169777.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF145	ENSG00000145860.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02064	ENSG00000248391.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02142	ENSG00000223597.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
3-Mar	ENSG00000173926.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-254I22.3	ENSG00000249746.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00992	ENSG00000248663.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-32H22.1	ENSG00000253968.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF354C	ENSG00000177932.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2247C11.1	ENSG00000250481.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CARMN	ENSG00000249669.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ADRB2	ENSG00000169252.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIF20A	ENSG00000112984.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCBD2	ENSG00000132570.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PCDHB4	ENSG00000081818.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CARTPT	ENSG00000164326.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-774D14.1	ENSG00000251629.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP3B1	ENSG00000132842.13					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
GLRX	ENSG00000173221.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FABP6	ENSG00000170231.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LHFPL2	ENSG00000145685.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BASP1	ENSG00000176788.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ADAMTS6	ENSG00000049192.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2091N23.1	ENSG00000251361.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-348J24.1	ENSG00000248864.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LVRN	ENSG00000172901.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PTCD2	ENSG00000049883.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SPINK13	ENSG00000214510.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FYB	ENSG00000082074.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LIX1-AS1	ENSG00000251513.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DUSP1	ENSG00000120129.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-549K20.1	ENSG00000251273.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LINC01333	ENSG00000249343.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TARS	ENSG00000113407.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC02198	ENSG00000249352.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC36A2	ENSG00000186335.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PANK3	ENSG00000120137.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BTF3	ENSG00000145741.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FAM173B	ENSG00000150756.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CDH6	ENSG00000113361.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01959	ENSG00000251045.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC008592.4	ENSG00000251409.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SEC24A	ENSG00000113615.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RPL26L1	ENSG00000037241.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2072I24.1	ENSG00000251168.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
PCDHGA11	ENSG00000253873.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PCDHAC1	ENSG00000248383.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TEX43	ENSG00000196900.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CAPSL	ENSG00000152611.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
FAM71B	ENSG00000170613.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-524N5.1	ENSG00000276778.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01366	ENSG00000235172.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BTNL9	ENSG00000165810.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTB-76P12.1	ENSG00000283413.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-315A16.1	ENSG00000260981.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VDAC1	ENSG00000213585.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTD-2194L12.3	ENSG00000250032.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GEMIN5	ENSG00000082516.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM23	ENSG00000113595.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02106	ENSG00000251573.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLN	ENSG00000123213.22				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ELL2	ENSG00000118985.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UQCRQ	ENSG00000164405.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC35A4	ENSG00000176087.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2383I20.1	ENSG00000249994.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1252I4.2	ENSG00000250101.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GABRG2	ENSG00000113327.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MCC	ENSG00000171444.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FBXW11	ENSG00000072803.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GZMA	ENSG00000145649.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
BRIX1	ENSG00000113460.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PITX1	ENSG00000069011.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LEAP2	ENSG00000164406.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01947	ENSG00000254130.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDH18	ENSG00000145526.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC02220	ENSG00000248457.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HCN1	ENSG00000164588.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DBN1	ENSG00000113758.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TIFAB	ENSG00000255833.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC02143	ENSG00000253236.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
FBXO4	ENSG00000151876.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARL10	ENSG00000175414.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02159	ENSG00000253417.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BDP1	ENSG00000145734.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01950	ENSG00000251027.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WDR70	ENSG00000082068.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMAN2	ENSG00000169223.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR583HG	ENSG00000250551.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2374C24.1	ENSG00000253584.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHD1	ENSG00000153922.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-374A4.1	ENSG00000249359.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DHX29	ENSG00000067248.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL9	ENSG00000145839.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C1QTNF2	ENSG00000145861.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCP2	ENSG00000043462.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NDUFS6	ENSG00000145494.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR2V1	ENSG00000185372.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-35O7.1	ENSG00000248736.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-661C8.2	ENSG00000248949.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-307L14.1	ENSG00000272370.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PKD2L2	ENSG00000078795.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SREK1IP1	ENSG00000153006.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2035E11.4	ENSG00000272382.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2410N18.3	ENSG00000270177.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM267	ENSG00000151881.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLPH3	ENSG00000113384.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HDAC3	ENSG00000171720.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NIPBL	ENSG00000164190.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-338M12.9	ENSG00000248103.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01336	ENSG00000250889.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCSK1	ENSG00000175426.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CTD-2532K18.2	ENSG00000251144.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02039	ENSG00000248107.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC30A5	ENSG00000145740.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COL4A3BP	ENSG00000113163.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM151B	ENSG00000152380.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UGT3A1	ENSG00000145626.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACOT12	ENSG00000172497.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-443C10.1	ENSG00000253163.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PWWP2A	ENSG00000170234.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM105A	ENSG00000145569.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-508M8.1	ENSG00000249365.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-33018.1	ENSG00000253768.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCT5	ENSG00000150753.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM52	ENSG00000183718.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDHGB7	ENSG00000254122.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-535M15.2	ENSG00000253693.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDH10	ENSG00000040731.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C5orf30	ENSG00000181751.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BRD8	ENSG00000112983.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FCHSD1	ENSG00000197948.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2066L21.2	ENSG00000251281.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1026M7.3	ENSG00000248943.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRDM6	ENSG00000061455.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAF7	ENSG00000178913.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SFXN1	ENSG00000164466.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC36A3	ENSG00000186334.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-806A22.1	ENSG00000250842.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GFRA3	ENSG00000146013.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ISL1	ENSG00000016082.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2074D8.1	ENSG00000250694.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-184E9.2	ENSG00000260761.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
KIF3A	ENSG00000131437.15													
NA	NA	NA	NA	-2	NA									
PCDHB6	ENSG00000113211.5													
NA	NA	NA	NA	-2	NA									
POU5F2	ENSG00000248483.6													
NA	NA	NA	NA	-2	NA									
LINC01020	ENSG00000215231.7													
NA	NA	NA	NA	-2	NA									
FAM13B	ENSG00000031003.10													
NA	NA	NA	NA	-2	NA									
IRGM	ENSG00000237693.4													
NA	NA	NA	NA	-2	NA									
PRR7	ENSG00000131188.11													
NA	NA	NA	NA	-2	NA									
CCNH	ENSG00000134480.13													
NA	NA	NA	NA	-2	NA									
AC138035.2	ENSG00000238035.8													
NA	NA	NA	NA	-2	NA									
CTC-573N18.1	ENSG00000250509.1													
NA	NA	NA	NA	-2	NA									
NSD1	ENSG00000165671.19													
NA	NA	NA	NA	-2	NA									
ARRDC3-AS1	ENSG00000281357.2													
NA	NA	NA	NA	-2	NA									
POU4F3	ENSG00000091010.4													
NA	NA	NA	NA	-2	NA									
RP11-772C9.1	ENSG00000249198.1													
NA	NA	NA	NA	-2	NA									
STC2	ENSG00000113739.10													
NA	NA	NA	NA	-2	NA									
ZNF622	ENSG00000173545.4													
NA	NA	NA	NA	-2	NA									
MZB1	ENSG00000170476.15													
NA	NA	NA	NA	-2	NA									
PAIP2	ENSG00000120727.12													
NA	NA	NA	NA	-2	NA									
LINC02200	ENSG00000250358.5													
NA	NA	NA	NA	-2	NA									
RP11-417J1.1	ENSG00000249782.1													
NA	NA	NA	NA	-2	NA									
C5orf51	ENSG00000205765.8													
NA	NA	NA	NA	-2	NA									
RP11-114H21.2	ENSG00000249803.5													
NA	NA	NA	NA	-2	NA									
LINC01846	ENSG00000248901.1													
NA	NA	NA	NA	-2	NA									
PTTG1	ENSG00000164611.12													
NA	NA	NA	NA	-2	NA									
LINC02197	ENSG00000250387.2													
NA	NA	NA	NA	-2	NA									
MYOT	ENSG00000120729.9													
NA	NA	NA	NA	-2	NA									
OR2V2	ENSG00000182613.1													
NA	NA	NA	NA	-2	NA									
CTD-2296D1.3	ENSG00000249638.1													
NA	NA	NA	NA	-2	NA									
EIF4E1B	ENSG00000175766.11													
NA	NA	NA	NA	-2	NA									
C5orf15	ENSG00000113583.7													
NA	NA	NA	NA	-2	NA									
SPINK1	ENSG00000164266.10													

NA	NA	NA	NA	NA	-2	NA								
CTB-17P3.4	ENSG00000254298.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MGAT1	ENSG00000131446.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCDHGA12	ENSG00000253159.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-231G3.1	ENSG00000272308.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDLIM7	ENSG00000196923.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMNB1	ENSG00000113368.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-404K5.4	ENSG00000251250.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EFCAB9	ENSG00000214360.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NR2F1	ENSG00000175745.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02121	ENSG00000250529.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-164N12.1	ENSG00000253141.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL6ST	ENSG00000134352.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C9	ENSG00000113600.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL31RA	ENSG00000164509.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SKP1	ENSG00000113558.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2023N9.3	ENSG00000249436.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00461	ENSG00000245526.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-185E12.2	ENSG00000272406.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01338	ENSG00000281327.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2035E11.5	ENSG00000272144.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2247C11.2	ENSG00000251506.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAF2	ENSG00000113194.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDC25C	ENSG00000158402.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02113	ENSG00000249515.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TENM2	ENSG00000145934.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-113I20.2	ENSG00000271737.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TGFBI	ENSG00000120708.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRELID1	ENSG00000169230.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRXCR2	ENSG00000204928.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCDHGB4	ENSG00000253953.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CRHBP	ENSG00000145708.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CTC-537E7.2		ENSG00000248359.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GABRP	ENSG00000094755.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KCNN2	ENSG00000080709.14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PCDHGB5	ENSG00000276547.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FNDC9	ENSG00000172568.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-259O2.3	ENSG00000249731.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EFNA5	ENSG00000184349.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIAA1024L	ENSG00000186367.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MROH2B	ENSG00000171495.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLIT3	ENSG00000184347.14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-455B3.1	ENSG00000248202.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPRY4-IT1	ENSG00000281881.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR3142HG	ENSG00000253522.5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NUP155	ENSG00000113569.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRPL22	ENSG00000082515.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CPLX2	ENSG00000145920.14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF354A	ENSG00000169131.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB24	ENSG00000169228.13		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PCDHGC5	ENSG00000240764.3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01023	ENSG00000272523.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF346	ENSG00000113761.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDC20B	ENSG00000164287.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-129I19.2	ENSG00000259757.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-33O18.2	ENSG00000254164.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02112	ENSG00000249781.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2033C11.1	ENSG00000269961.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01863	ENSG00000253959.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBE2D2	ENSG00000131508.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02101	ENSG00000248132.2		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIF2A	ENSG00000068796.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SCGB3A2	ENSG00000164265.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
AC005754.8	ENSG00000272108.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPINK5	ENSG00000133710.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
HMH1	ENSG00000158497.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-434D11.4	ENSG00000251072.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01019	ENSG00000248118.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RACK1	ENSG00000204628.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01938	ENSG00000254066.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DAB2	ENSG00000153071.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SMIM3	ENSG00000256235.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FOXI1	ENSG00000168269.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC02103	ENSG00000249785.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC02146	ENSG00000249490.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPINK6	ENSG00000178172.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FOXD1	ENSG00000251493.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
HTR4	ENSG00000164270.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IRX4	ENSG00000113430.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-83M16.6	ENSG00000250421.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AC008940.1	ENSG00000228650.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01385	ENSG00000251604.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2318H23.1	ENSG00000251371.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HMMR	ENSG00000072571.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CTC-305H11.1	ENSG00000248145.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CCNB1	ENSG00000134057.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FAM172A	ENSG00000113391.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FAM159B	ENSG00000145642.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARHGAP18	ENSG00000146376.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP1-86C11.7	ENSG00000272468.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FAM26D	ENSG00000164451.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TEAD3	ENSG00000007866.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
GLP1R	ENSG00000112164.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IP6K3	ENSG00000161896.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
TSTD3	ENSG00000228439.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PRICKLE4	ENSG00000278224.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC22A16	ENSG00000004809.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CRISP1	ENSG00000124812.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PLN	ENSG00000198523.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIFC1	ENSG00000237649.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EZR	ENSG00000092820.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPDEF	ENSG00000124664.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TIAM2	ENSG00000146426.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LTB	ENSG00000227507.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-27K12.2	ENSG00000231683.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PACSN1	ENSG00000124507.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC00266-3	ENSG00000170590.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
IGF2R	ENSG00000197081.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GSTA3	ENSG00000174156.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PGK2	ENSG00000170950.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AIF1	ENSG00000204472.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRP11	ENSG00000120256.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP3-503A6.2	ENSG00000236355.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-379B8.1	ENSG00000226453.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM217A	ENSG00000145975.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DNAH8	ENSG00000124721.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SRSF3	ENSG00000112081.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
XXbac-BCX196D17.5	ENSG00000227206.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PHF10	ENSG00000130024.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MPC1	ENSG00000060762.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-568A7.2	ENSG00000228648.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-125D12.2	ENSG00000234777.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NCR3	ENSG00000204475.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01615	ENSG00000223485.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MOG	ENSG00000204655.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
POLR1C	ENSG00000171453.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAK	ENSG00000111837.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-406O16.1	ENSG00000226497.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-290I10.5	ENSG00000231056.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-69D17.4	ENSG00000226149.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LY6G6E	ENSG00000255552.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-235G24.1	ENSG00000224371.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADGRB3	ENSG00000135298.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-249H1.2	ENSG00000231912.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C6orf99	ENSG00000203711.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C6orf1	ENSG00000186577.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MOCS1	ENSG00000124615.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-497D6.3	ENSG00000227748.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCA5	ENSG00000135338.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCP10	ENSG00000203690.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GCM1	ENSG00000137270.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC22A2	ENSG00000112499.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-63E9.1	ENSG00000259828.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PDE10A	ENSG00000112541.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HTR1E	ENSG00000168830.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STK38	ENSG00000112079.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM151B	ENSG00000178233.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RHAG	ENSG00000112077.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NUDT3	ENSG00000272325.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FGD2	ENSG00000146192.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PNISR	ENSG00000132424.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01149	ENSG00000230174.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01558	ENSG00000146521.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-457M11.5	ENSG00000261584.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-679B17.2	ENSG00000271897.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM217	ENSG00000172738.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
ADTRP	ENSG00000111863.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRERF1	ENSG00000124496.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RREB1	ENSG00000124782.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-417E7.2	ENSG00000261039.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EYS	ENSG00000188107.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TNFRSF21	ENSG00000146072.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STX11	ENSG00000135604.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LY6G6F	ENSG00000204424.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-230L10.1	ENSG00000235538.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-60019.1	ENSG00000235142.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-856G1.1	ENSG00000270937.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRR18	ENSG00000176381.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FUCA2	ENSG00000001036.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSP90AB1	ENSG00000096384.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BCLAF1	ENSG00000029363.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-80N2.2	ENSG00000226281.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NOL7	ENSG00000225921.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM40	ENSG00000204614.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H3A	ENSG00000275714.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SYTL3	ENSG00000164674.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UNC93A	ENSG00000112494.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNK16	ENSG00000095981.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01394	ENSG00000281809.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CPNE5	ENSG00000124772.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-40E16.2	ENSG00000229282.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-307P5.2	ENSG00000226249.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MED23	ENSG00000112282.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP3-527G5.1	ENSG00000231811.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-28O17.1	ENSG00000230472.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB32	ENSG00000118508.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-302G2.5	ENSG00000262179.2					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
CRISP2	ENSG00000124490.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ULBP3	ENSG00000131019.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-127B16.1	ENSG00000220908.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC17A2	ENSG00000112337.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TBX18	ENSG00000112837.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XXbac-BPG13B8.10	ENSG00000229274.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST1H3J	ENSG00000197153.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCF21	ENSG00000118526.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-503C24.3	ENSG00000228361.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM15	ENSG00000204610.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RANBP9	ENSG00000010017.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRF	ENSG00000112658.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00243	ENSG00000214894.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-153P14.5	ENSG00000227920.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01625	ENSG00000238099.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST1H2AH	ENSG00000274997.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-495K2.3	ENSG00000225879.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HMGA1	ENSG00000137309.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DAXX	ENSG00000204209.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST1H4I	ENSG00000276180.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01312	ENSG00000223586.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-631F7.2	ENSG00000230205.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR2A4	ENSG00000180658.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-146I2.1	ENSG00000234261.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-894D12.5	ENSG00000271820.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZC2HC1B	ENSG00000118491.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FABP7	ENSG00000164434.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-716O23.1	ENSG00000233656.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GTF3C6	ENSG00000155115.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-81D8.3	ENSG00000224477.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RSPH9	ENSG00000172426.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
AFDN-AS1	ENSG00000198221.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-204E9.1	ENSG00000231754.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-753B14.1	ENSG00000237494.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TREM1	ENSG00000124731.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
XXbac-BPG170G13.32	ENSG00000272236.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-38C16.2	ENSG00000233534.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C6orf15	ENSG00000204542.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM31	ENSG00000204616.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H1T	ENSG00000187475.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP3-448I9.2	ENSG00000237346.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-529N6.2	ENSG00000260673.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM135A	ENSG00000082269.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBCC	ENSG00000124659.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HIST1H2BC	ENSG00000180596.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM39	ENSG00000204599.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-437J19.1	ENSG00000223811.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00473	ENSG00000223414.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLG	ENSG00000122194.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NHEG1	ENSG00000225391.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MLN	ENSG00000096395.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GSTA2	ENSG00000244067.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UBD	ENSG00000213886.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-140K8.1	ENSG00000233068.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
T	ENSG00000164458.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NUP153	ENSG00000124789.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2J2	ENSG00000204700.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MBOAT1	ENSG00000172197.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRG6	ENSG00000112414.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-95M15.3	ENSG00000283265.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MRAP2	ENSG00000135324.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-111B22.3	ENSG00000271734.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
HIST1H2BH	ENSG00000275713.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPP2R5D	ENSG00000112640.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-306O13.1	ENSG00000213121.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CNPY3	ENSG00000137161.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MUC22	ENSG00000261272.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-284J1.1	ENSG00000272485.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VNN3	ENSG00000093134.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VWA7	ENSG00000204396.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AIM1	ENSG00000112297.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-400B16.1	ENSG00000234817.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LPA	ENSG00000198670.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SIM1	ENSG00000112246.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAB2	ENSG00000055208.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST1H2BG	ENSG00000273802.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SCAF8	ENSG00000213079.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C6orf10	ENSG00000204296.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-495K2.2	ENSG00000229720.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPARD	ENSG00000112033.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XXbac-BPG248L24.13	ENSG00000256166.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
PSMB8-AS1	ENSG00000204261.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PNPLA1	ENSG00000180316.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C6orf229	ENSG00000260286.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TTBK1	ENSG00000146216.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-137D17.2	ENSG00000272848.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AIG1	ENSG00000146416.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-527F13.1	ENSG00000231842.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SASH1	ENSG00000111961.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-261G23.5	ENSG00000236961.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TREML1	ENSG00000161911.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C6orf136	ENSG00000204564.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ERVFRD-1	ENSG00000244476.2					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP1-90J20.2		ENSG00000228365.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-332B22.1		ENSG00000236013.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BACH2	ENSG00000112182.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-686D16.1		ENSG00000231662.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-301G19.1		ENSG00000227706.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KCTD20		ENSG00000112078.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-250B2.6		ENSG00000272129.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ENPP3	ENSG00000154269.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR14J1		ENSG00000204695.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RAET1L		ENSG00000155918.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NEU1	ENSG00000204386.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
B3GALT4		ENSG00000235863.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-431P23.5		ENSG00000269155.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-177G23.2		ENSG00000272137.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-340B19.3		ENSG00000228559.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GABRR1		ENSG00000146276.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM65B		ENSG00000111913.17				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNGTT	ENSG00000111880.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTFR2	ENSG00000146410.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NFKBIL1		ENSG00000204498.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM83B		ENSG00000168143.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF165		ENSG00000197279.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SMAP1	ENSG00000112305.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST1H2BO		ENSG00000274641.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKAP12		ENSG00000131016.16				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC22A23		ENSG00000137266.14				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XXbac-BPG157A10.21		ENSG00000272217.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
USP49	ENSG00000164663.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UNC5CL		ENSG00000124602.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LY86	ENSG00000112799.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GFRAL	ENSG00000187871.2					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
GPRC6A	ENSG00000173612.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01624	ENSG00000227508.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BMP5	ENSG00000112175.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB44	ENSG00000255587.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EGFL8	ENSG00000241404.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC17A3	ENSG00000124564.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-459O1.2	ENSG00000234426.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDC5L	ENSG00000096401.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-97J1.2	ENSG00000227012.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CENPW	ENSG00000203760.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAS1L	ENSG00000204687.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB2	ENSG00000181472.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-554D15.3	ENSG00000272243.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADGRF2	ENSG00000164393.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-297M16.2	ENSG00000231883.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NFKBIE	ENSG00000146232.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCNC	ENSG00000112237.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H2BN	ENSG00000233822.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SOX4	ENSG00000124766.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC35B2	ENSG00000157593.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C6orf47	ENSG00000204439.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FKBP1C	ENSG00000198225.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C6orf52	ENSG00000137434.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP3-329A5.8	ENSG00000272374.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-367G18.1	ENSG00000230943.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FOXC1	ENSG00000054598.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUBB2B	ENSG00000137285.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLPS	ENSG00000137392.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP3-470L22.1	ENSG00000224532.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COL10A1	ENSG00000123500.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OOEP	ENSG00000203907.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
LST1	ENSG00000204482.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PBX2	ENSG00000204304.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HSPA1A	ENSG00000204389.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC17A1	ENSG00000124568.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PRPF4B	ENSG00000112739.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-557H15.3	ENSG00000231971.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C6orf203	ENSG00000130349.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TRIM10	ENSG00000204613.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SAPCD1	ENSG00000228727.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TRAPPC3L	ENSG00000173626.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SYNJ2	ENSG00000078269.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-173D14.3	ENSG00000229495.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EEF1A1	ENSG00000156508.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP1-153P14.8	ENSG00000204110.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP3-406P24.4	ENSG00000272248.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
XXbac-BPG55C20.7	ENSG00000225096.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MAP3K4	ENSG00000085511.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HIST1H2BA	ENSG00000146047.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ARG1	ENSG00000118520.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01108	ENSG00000226673.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
VNN1	ENSG00000112299.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DPPA5	ENSG00000203909.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TMEM200A	ENSG00000164484.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC17A4	ENSG00000146039.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP5-826L7.1	ENSG00000228692.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP1-124C6.1	ENSG00000232316.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DPCR1	ENSG00000168631.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP4-529N6.1	ENSG00000205444.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZNF76	ENSG00000065029.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HUS1B	ENSG00000188996.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KCNK17	ENSG00000124780.13					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLC35F1	ENSG00000196376.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRIK2	ENSG00000164418.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP1-242N11.1	ENSG00000283408.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
C6orf223	ENSG00000181577.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
GNL1	ENSG00000204590.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CDSN	ENSG00000204539.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KAAG1	ENSG00000146049.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-125D12.1	ENSG00000231178.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-235G24.3	ENSG00000233342.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PHIP	ENSG00000146247.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CLIC1	ENSG00000213719.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
A POM	ENSG00000204444.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMP6	ENSG00000153162.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KIAA0408	ENSG00000189367.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TAAR1	ENSG00000146399.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-457M11.7	ENSG00000275846.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-79N23.1	ENSG00000227885.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FARS2	ENSG00000145982.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRPL2	ENSG00000112651.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IYD	ENSG00000009765.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLC16A10	ENSG00000112394.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
EDN1	ENSG00000078401.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP1-265C24.8	ENSG00000261839.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-556O15.1	ENSG00000203498.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TNXB	ENSG00000168477.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
IL17F	ENSG00000112116.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MEA1	ENSG00000124733.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-10J5.1	ENSG00000226004.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP3-523C21.2	ENSG00000236166.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-344J7.4	ENSG00000283215.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IL22RA2	ENSG00000164485.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
BRPF3	ENSG00000096070.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRF5	ENSG00000069122.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-456H18.2	ENSG00000229896.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-1077H22.2	ENSG00000276687.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BEND3	ENSG00000178409.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-367G6.3	ENSG00000272053.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-570K4.1	ENSG00000237947.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC44A4	ENSG00000204385.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM170B	ENSG00000205269.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-166H4.2	ENSG00000261080.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PHF3	ENSG00000118482.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
QKI	ENSG00000112531.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-899B16.1	ENSG00000231426.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-140K8.5	ENSG00000260604.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RFPL4B	ENSG00000251258.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GJB7	ENSG00000164411.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SEC63	ENSG00000025796.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PKHD1	ENSG00000170927.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMLR1	ENSG00000256162.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GSTA5	ENSG00000182793.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RRP36	ENSG00000124541.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDC40	ENSG00000168438.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-475C16.2	ENSG00000237312.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC22A7	ENSG00000137204.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
YIPF3	ENSG00000137207.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PXDC1	ENSG00000168994.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCMT1	ENSG00000120265.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXQ1	ENSG00000164379.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PGC	ENSG00000096088.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTGF	ENSG00000118523.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLC4	ENSG00000137171.14					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
NBAT1	ENSG00000260455.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SGK1	ENSG00000118515.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-142L7.9	ENSG00000270661.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
XXbac-BPG27H4.8	ENSG00000237923.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TREML2	ENSG00000112195.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BTN1A1	ENSG00000124557.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CITED2	ENSG00000164442.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL12A1	ENSG00000111799.20			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATAT1	ENSG00000137343.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MRPS18B	ENSG00000204568.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H2BB	ENSG00000276410.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H2BM	ENSG00000273703.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H1E	ENSG00000168298.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01623	ENSG00000225595.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-439H9.1	ENSG00000235743.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SYNCRIP	ENSG00000135316.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXCU1	ENSG00000280916.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAAR2	ENSG00000146378.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-524C21.2	ENSG00000261568.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB12	ENSG00000204366.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H1B	ENSG00000184357.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IRF4	ENSG00000137265.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-155D22.1	ENSG00000230627.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-557H15.5	ENSG00000229722.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TSPO2	ENSG00000112212.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MAN1A1	ENSG00000111885.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GMDS	ENSG00000112699.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-136B1.1	ENSG00000272465.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CRISP3	ENSG00000096006.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRF1	ENSG00000153292.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01012	ENSG00000281706.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
HMGN4	ENSG00000182952.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRR3	ENSG00000204576.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TXNDC5	ENSG00000239264.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-462G2.1	ENSG00000237643.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01016	ENSG00000249346.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-242F11.2	ENSG00000234675.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HCRTR2	ENSG00000137252.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BAG2	ENSG00000112208.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSPA1B	ENSG00000204388.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FRMD1	ENSG00000153303.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HMGN3	ENSG00000118418.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LIN28B	ENSG00000187772.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRRC2A	ENSG00000204469.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIST1H3G	ENSG00000273983.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WEE2	ENSG00000214102.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LVCAT5	ENSG00000225546.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAFK	ENSG00000198517.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR85	ENSG00000164604.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD36	ENSG00000135218.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AKR1B1	ENSG00000085662.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIL	ENSG00000255690.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAS2R3	ENSG00000127362.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM213	ENSG00000214128.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007161.5	ENSG00000234718.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBX20	ENSG00000164532.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RARRES2	ENSG00000106538.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZC3HC1	ENSG00000091732.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DDC	ENSG00000132437.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC073316.2	ENSG00000231892.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HRAT17	ENSG00000234520.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00996	ENSG00000242258.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
PEX1	ENSG00000127980.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDAP1	ENSG00000106244.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VOPP1	ENSG00000154978.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADAP1	ENSG00000105963.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AGR3	ENSG00000173467.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LAMB1	ENSG00000091136.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF716	ENSG00000182111.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC226118.1	ENSG00000249574.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPDYE16	ENSG00000185040.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYL10	ENSG00000106436.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IRF5	ENSG00000128604.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01450	ENSG00000232458.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DUS4L	ENSG00000105865.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FBXL13	ENSG00000161040.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GHRHR	ENSG00000106128.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC006007.1	ENSG00000230746.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DMTF1	ENSG00000135164.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ABCA13	ENSG00000179869.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXA10	ENSG00000253293.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM185A	ENSG00000222011.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNAJB6	ENSG00000105993.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC099552.2	ENSG00000225612.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01287	ENSG00000234722.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KPNA7	ENSG00000185467.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-1121A15.3	ENSG00000230033.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-47909.4	ENSG00000272693.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C7orf43	ENSG00000146826.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2A42	ENSG00000212807.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MACC1	ENSG00000183742.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
7-Sep	ENSG00000122545.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM24	ENSG00000122779.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
NOS3	ENSG00000164867.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TMEM140	ENSG00000146859.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC13A1	ENSG00000081800.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCL24	ENSG00000106178.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BUD31	ENSG00000106245.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCDC71L	ENSG00000253276.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SRRM3	ENSG00000177679.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PLOD3	ENSG00000106397.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-884M6.1	ENSG00000228742.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-958B11.2	ENSG00000283504.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DLX6	ENSG00000006377.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HPVC1	ENSG00000280920.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-286H14.4	ENSG00000230626.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR9A4	ENSG00000258083.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CHRM2	ENSG00000181072.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AVL9	ENSG00000105778.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LHFPL3	ENSG00000187416.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GS1-18A18.2	ENSG00000228735.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-728K20.2	ENSG00000260555.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RHEB	ENSG00000106615.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
UBE3C	ENSG00000009335.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC005019.3	ENSG00000224330.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PMPCB	ENSG00000105819.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-264K23.1	ENSG00000243574.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HOXA3	ENSG00000105997.22					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC083864.4	ENSG00000205745.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HOXA9	ENSG00000078399.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TMEM60	ENSG00000135211.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-945F2.3	ENSG00000226829.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-731K22.1	ENSG00000261467.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TRA2A	ENSG00000164548.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
AC003088.1	ENSG00000226965.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSMC2	ENSG00000161057.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MNX1	ENSG00000130675.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NFE2L3	ENSG00000050344.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAS2R38	ENSG00000257138.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01447	ENSG00000236078.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXK1	ENSG00000164916.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SMURF1	ENSG00000198742.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDK4	ENSG00000004799.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTAGE15	ENSG00000271079.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP3A4	ENSG00000160868.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OGDH	ENSG00000105953.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GNAT3	ENSG00000214415.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HILPDA	ENSG00000135245.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HRAT92	ENSG00000223855.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GIMAP8	ENSG00000171115.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KMT2C	ENSG00000055609.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC009508.1	ENSG00000227930.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC009784.3	ENSG00000232053.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AIMP2	ENSG00000106305.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HOXA7	ENSG00000122592.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PRSS2	ENSG00000275896.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTAGE4	ENSG00000225932.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAS2R60	ENSG00000185899.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GLCCI1	ENSG00000106415.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-325F22.2	ENSG00000237513.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC073094.4	ENSG00000233082.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMTK2	ENSG00000164715.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NFE4	ENSG00000230257.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01393	ENSG00000225535.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HNRNPA2B1	ENSG00000122566.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

HOXA4	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000197576.13	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CASP2	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000106144.19	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CDK6	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000105810.9	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PSMG3	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000157778.8	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
GSTK1	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000197448.13	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SNX13	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000071189.21	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CYCS	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000172115.8	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KLF14	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ENSG00000266265.2	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-1275H24.3	ENSG00000273084.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PIK3CG	ENSG00000105851.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ATXN7L1	ENSG00000146776.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RSPH10B2	ENSG00000169402.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TSPAN12	ENSG00000106025.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AC003092.1	ENSG00000236453.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
BCL7B	ENSG00000106635.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MAD1L1	ENSG00000002822.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MUC17	ENSG00000169876.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NDUFA5	ENSG00000128609.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AC007349.5	ENSG00000235728.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LUC7L2	ENSG00000146963.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AC004895.4	ENSG00000231704.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ZNF394	ENSG00000160908.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MINDY4	ENSG00000106125.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AKR1B15	ENSG00000227471.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AC004869.2	ENSG00000230680.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-115N4.1	ENSG00000243144.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NPC1L1	ENSG00000015520.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ABCF2	ENSG00000033050.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MUC3A	ENSG00000169894.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP13-580B18.4	ENSG00000279072.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-310H4.3	ENSG00000231394.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA									
LFNG	ENSG00000106003.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
TNRC18	ENSG00000182095.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
SPDYE2	ENSG00000205238.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
OR2AE1	ENSG00000244623.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-89N17.1	ENSG00000173862.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
ZNF92	ENSG00000146757.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CTD-2227E11.1	ENSG00000270933.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RBM28	ENSG00000106344.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
ARF5	ENSG00000004059.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
KLHDC10	ENSG00000128607.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
KCND2	ENSG00000184408.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
LAMB4	ENSG00000091128.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
AHR	ENSG00000106546.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
NACAD	ENSG00000136274.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
EPHA1	ENSG00000146904.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CPED1	ENSG00000106034.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
DGKI	ENSG00000157680.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-738B7.1	ENSG00000242078.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
NDUFB2	ENSG00000090266.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
MGAM2	ENSG00000257743.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
POU6F2	ENSG00000106536.19			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
AC006372.4	ENSG00000234210.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
ING3	ENSG00000071243.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
AC021218.2	ENSG00000204876.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CYP2W1	ENSG00000073067.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CTB-30L5.1	ENSG00000267052.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
OR2A25	ENSG00000221933.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
SERPINE1	ENSG00000106366.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-458K10.2	ENSG00000240973.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-760D2.1	ENSG00000225488.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
GRIFIN	ENSG00000275572.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
SPDYE2B	ENSG00000173678.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRSS58	ENSG00000258223.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC004951.6	ENSG00000228434.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ASB15	ENSG00000146809.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXP2	ENSG00000128573.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXA1	ENSG00000105991.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-958B11.1	ENSG00000283648.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TCAF2	ENSG00000170379.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CPA2	ENSG00000158516.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPAM1	ENSG00000106304.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UNCX	ENSG00000164853.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SRPK2	ENSG00000135250.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ERVW-1	ENSG00000242950.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IGF2BP3	ENSG00000136231.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC018647.3	ENSG00000227544.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GIMAP4	ENSG00000133574.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HDAC9	ENSG00000048052.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXA2	ENSG00000105996.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF800	ENSG00000048405.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CARD11	ENSG00000198286.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC011294.3	ENSG00000233539.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LAT2	ENSG00000086730.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SNX8	ENSG00000106266.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP3A43	ENSG00000021461.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PAPOLB	ENSG00000218823.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-777O23.2	ENSG00000264520.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FBXO24	ENSG00000106336.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRPS17	ENSG00000239789.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SSBP1	ENSG00000106028.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC000124.1	ENSG00000226770.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PHKG1	ENSG00000164776.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
AC074389.7	ENSG00000234977.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LIMK1	ENSG00000106683.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM178B	ENSG00000261115.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAF6	ENSG00000106290.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM56	ENSG00000169871.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SEPT7-AS1	ENSG00000228878.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SVOPL	ENSG00000157703.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRBV11-2	ENSG00000241657.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00998	ENSG00000214194.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF735	ENSG00000223614.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PON3	ENSG00000105852.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-742N3.1	ENSG00000233417.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-196D18.1	ENSG00000227148.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAX1BP1	ENSG00000106052.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXA11	ENSG00000005073.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM139	ENSG00000178826.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ELMO1	ENSG00000155849.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KMT2E	ENSG00000005483.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM130	ENSG00000166448.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005008.2	ENSG00000237896.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-73B2.2	ENSG00000230600.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INHBA	ENSG00000122641.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EFCAB10	ENSG00000185055.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB19	ENSG00000146955.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1275H24.1	ENSG00000234432.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC002383.2	ENSG00000227863.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C7orf71	ENSG00000222004.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC093627.7	ENSG00000232325.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-3B12.5	ENSG00000224899.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HBP1	ENSG00000105856.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AOAH	ENSG00000136250.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
EPHB6	ENSG00000106123.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GNG11	ENSG00000127920.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC073115.7	ENSG00000229628.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TPST1	ENSG00000169902.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SYPL1	ENSG00000008282.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PPP1R3A	ENSG00000154415.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HGF	ENSG00000019991.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EN2	ENSG00000164778.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SEM1	ENSG00000127922.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
POP7	ENSG00000172336.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HOXA6	ENSG00000106006.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TTC26	ENSG00000105948.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
VGF	ENSG00000128564.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-760D2.5	ENSG00000233288.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AOC1	ENSG00000002726.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ELDR	ENSG00000280890.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NDUFA4	ENSG00000189043.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NUP205	ENSG00000155561.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCCAT333	ENSG00000236318.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C7orf66	ENSG00000205174.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MOGAT3	ENSG00000106384.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCL26	ENSG00000006606.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MTURN	ENSG00000180354.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP5-1142J19.1	ENSG00000229660.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTAGE6	ENSG00000271321.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF133	ENSG00000188050.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-899E9.1	ENSG00000273341.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXA5	ENSG00000106004.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-340I6.3	ENSG00000227305.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GBX1	ENSG00000164900.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SNX10	ENSG00000086300.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
PRPS1L1	ENSG00000229937.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DLX5	ENSG00000105880.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC074389.5	ENSG00000231476.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM200A	ENSG00000221909.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FKBP6	ENSG00000077800.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC024084.1	ENSG00000230649.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AASS	ENSG00000008311.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBN2	ENSG00000157741.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005522.7	ENSG00000225703.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPY	ENSG00000122585.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IQCA1L	ENSG00000278685.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-942I16.1	ENSG00000234215.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF3	ENSG00000166526.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-760D2.11	ENSG00000261275.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRPV5	ENSG00000127412.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SUN3	ENSG00000164744.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-89N17.4	ENSG00000236494.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GIMAP6	ENSG00000133561.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MUC12	ENSG00000205277.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC29A4	ENSG00000164638.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LEP	ENSG00000174697.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTAGE8	ENSG00000244693.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC093627.11	ENSG00000239715.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC006372.5	ENSG00000223872.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01449	ENSG00000224017.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EZH2	ENSG00000106462.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MOSPD3	ENSG00000106330.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARPC1A	ENSG00000241685.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HYAL4	ENSG00000106302.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF862	ENSG00000106479.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007036.6	ENSG00000227017.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-138A9.1		ENSG00000271204.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYO1G	ENSG00000136286.14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AKR1B10		ENSG00000198074.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ELFN1	ENSG00000225968.7		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GALNT11		ENSG00000178234.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-3P22.2		ENSG00000225718.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC003984.1	ENSG00000235139.2		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CACNA2D1		ENSG00000153956.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ORAI2	ENSG00000160991.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ELFN1-AS1		ENSG00000236081.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYP3A7		ENSG00000160870.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTPRZ1		ENSG00000106278.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATG9B	ENSG00000181652.19		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MKLN1	ENSG00000128585.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF316		ENSG00000205903.6				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CNOT4	ENSG00000080802.18		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SFRP4	ENSG00000106483.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SP8	ENSG00000164651.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC073115.6	ENSG00000237471.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC017060.1	ENSG00000236039.2		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FIS1	ENSG00000214253.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TWISTNB		ENSG00000105849.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PODXL	ENSG00000128567.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ABCB1	ENSG00000085563.14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SDHAF3		ENSG00000196636.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FSCN3	ENSG00000106328.9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHCHD3		ENSG00000106554.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLCN1	ENSG00000188037.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF789		ENSG00000198556.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEMA3D		ENSG00000153993.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GTF2IRD1		ENSG00000006704.10				NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
NYAP1	ENSG00000166924.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMOD2	ENSG00000170807.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AGR2	ENSG00000106541.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZPBP	ENSG00000042813.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2A14	ENSG00000221938.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR141	ENSG00000187037.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARPC1B	ENSG00000130429.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZYX	ENSG00000159840.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KEL	ENSG00000197993.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC083864.3	ENSG00000232930.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AKR1D1	ENSG00000122787.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLRG2	ENSG00000188883.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM180A	ENSG00000189320.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SOSTDC1	ENSG00000171243.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZSCAN25	ENSG00000197037.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL6	ENSG00000136244.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBE2H	ENSG00000186591.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GARS	ENSG00000106105.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POM121L12	ENSG00000221900.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC72	ENSG00000205858.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MNX1-AS1	ENSG00000243479.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR2A1	ENSG00000221970.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-486P11.1	ENSG00000267055.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZAN	ENSG00000146839.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC009531.2	ENSG00000226063.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RFC2	ENSG00000049541.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SQLE	ENSG00000104549.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-7F18.2	ENSG00000271966.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COLEC10	ENSG00000184374.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-470M17.2	ENSG00000254143.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BRF2	ENSG00000104221.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

FABP9	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000205186.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PDP1	ENSG00000164951.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HOOK3	ENSG00000168172.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC083843.2	ENSG00000254028.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-94H18.2	ENSG00000254086.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CPA6	ENSG00000165078.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-1101K5.1	ENSG00000253434.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ADAM7	ENSG00000069206.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KB-1410C5.5	ENSG00000271882.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTA-398F10.2	ENSG00000254153.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC00968	ENSG00000246430.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IDO2	ENSG00000188676.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
USP17L2	ENSG00000223443.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KB-1930G5.4	ENSG00000254084.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CYP7A1	ENSG00000167910.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-785H20.1	ENSG00000254018.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PRKDC	ENSG00000253729.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-92K15.3	ENSG00000272264.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PAG1	ENSG00000076641.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LZTS1-AS1	ENSG00000253733.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC7A13	ENSG00000164893.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-115J16.3	ENSG00000253735.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-546K22.1	ENSG00000253844.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KIF13B	ENSG00000197892.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DKK4	ENSG00000104371.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZBTB10	ENSG00000205189.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LYPD2	ENSG00000197353.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CDH17	ENSG00000079112.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-6I2.3	ENSG00000254288.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP1	ENSG00000104237.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-486M23.1	ENSG00000253632.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
DNAJC5B	ENSG00000147570.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C8orf74	ENSG00000171060.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SHARPIN	ENSG00000179526.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3023L14.3	ENSG00000253343.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCEA1	ENSG00000187735.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-219J21.1	ENSG00000253100.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BHLHE22	ENSG00000180828.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-31K23.2	ENSG00000248762.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1102P16.1	ENSG00000253379.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCAT1	ENSG00000253438.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-21C17.1	ENSG00000253373.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KCTD9	ENSG00000104756.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3023L14.2	ENSG00000253130.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF705D	ENSG00000215343.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-567J20.3	ENSG00000253140.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-473J6.1	ENSG00000253452.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-350F16.1	ENSG00000253745.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ESCO2	ENSG00000171320.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZC2HC1A	ENSG00000104427.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-700E23.2	ENSG00000253682.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C8orf49	ENSG00000255394.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CALB1	ENSG00000104327.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-513O17.3	ENSG00000253614.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF703	ENSG00000183779.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FLJ42969	ENSG00000248599.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SDC2	ENSG00000169439.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-567J20.2	ENSG00000253688.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00536	ENSG00000249917.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-10A14.5	ENSG00000248538.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NDUFB9	ENSG00000147684.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-150O12.3	ENSG00000254290.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-697B24.1		ENSG00000253470.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
GML		ENSG00000104499.6					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
POLB		ENSG00000070501.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
LINC01602		ENSG00000205293.3					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RAD54B		ENSG00000197275.13					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
SAMD12-AS1		ENSG00000281641.2					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
PSKH2		ENSG00000147613.7					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-124B13.1		ENSG00000253880.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-10H3.1		ENSG00000253474.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
HR		ENSG00000168453.14					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
GEM		ENSG00000164949.7					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
GRINA		ENSG00000178719.16					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
NPBWR1		ENSG00000183729.3					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-1144P22.1		ENSG00000254277.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
FAM66E		ENSG00000225725.4					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
ADAM2		ENSG00000104755.14					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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RP11-865I6.2		ENSG00000254337.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-10A14.4		ENSG00000253426.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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CTD-2342N23.3		ENSG00000272456.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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LINC01592		ENSG00000253658.5					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
KB-1184D12.1		ENSG00000253585.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-379I19.1		ENSG00000253260.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
C8orf88		ENSG00000253250.2					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
STAR		ENSG00000147465.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
FABP4		ENSG00000170323.8					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
CDCA2		ENSG00000184661.13					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
SMILR		ENSG00000255364.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
KB-1460A1.5		ENSG00000261087.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-618M23.2		ENSG00000254201.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
CNBD1		ENSG00000176571.11					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA									
RP11-941H19.3		ENSG00000253238.1					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1081M5.1	ENSG00000253369.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-24P4.1	ENSG00000254334.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CASC19	ENSG00000254166.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM83A	ENSG00000147689.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AZIN1	ENSG00000155096.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-79H23.3	ENSG00000261618.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RB1CC1	ENSG00000023287.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NSD3	ENSG00000147548.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CA2	ENSG00000104267.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-115J16.1	ENSG00000254235.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-388K12.1	ENSG00000253960.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC084082.3	ENSG00000253190.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIQK	ENSG00000205133.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02153	ENSG00000253199.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
POLR3D	ENSG00000168495.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KB-1568E2.1	ENSG00000253656.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NRBP2	ENSG00000185189.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1080G15.1	ENSG00000253557.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CSPP1	ENSG00000104218.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
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RP11-486M23.2	ENSG00000253182.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-973F15.2	ENSG00000263443.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-756K15.2	ENSG00000253871.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IDO1	ENSG00000131203.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADAMDEC1	ENSG00000134028.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-379I19.3	ENSG00000253879.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-3G20.1	ENSG00000254209.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1149M10.2	ENSG00000253214.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-246K15.1	ENSG00000253821.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-38H17.1	ENSG00000254366.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-37N22.1	ENSG00000214803.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AF067845.2	ENSG00000282160.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KLHL38	ENSG00000175946.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ZNF16	ENSG00000170631.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ELOC	ENSG00000154582.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CCDC166	ENSG00000255181.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTC-756D1.3	ENSG00000253986.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
NUDCD1	ENSG00000120526.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-91P17.1	ENSG00000254001.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
TG	ENSG00000042832.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-480O10.1	ENSG00000254753.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
TERF1	ENSG00000147601.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
POMK	ENSG00000185900.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-17A4.3	ENSG00000253139.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
KLF10	ENSG00000155090.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PKHD1L1	ENSG00000205038.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP3-388N13.3	ENSG00000254057.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-11N9.4	ENSG00000247134.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
LINC00534	ENSG00000253394.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-3N13.2	ENSG00000254043.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
ADCK5	ENSG00000173137.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-252C15.1	ENSG00000254813.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
PBK	ENSG00000168078.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ATP6V0D2	ENSG00000147614.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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CLDN23	ENSG00000253958.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-299D14.2	ENSG00000254178.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CH17-31A6.1	ENSG00000282686.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
XKR5	ENSG00000275591.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
POU5F1B	ENSG00000212993.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
SCX	ENSG00000260428.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
WISP1	ENSG00000104415.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NUGGC	ENSG00000189233.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RBM12B	ENSG00000183808.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TRPA1	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000104321.10						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-10A14.9		ENSG00000279949.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
LSM1	ENSG00000175324.9						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PINX1	ENSG00000254093.8						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TOX	ENSG00000198846.5						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PLAT	ENSG00000104368.17						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LY6L	ENSG00000261667.1						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-99H20.1		ENSG00000254123.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-48B3.4		ENSG00000260317.1					NA	NA	NA	NA	NA	NA	NA	NA
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GOT1L1		ENSG00000169154.5					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HAS2	ENSG00000170961.6						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C8orf76		ENSG00000189376.11					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FAM91A1		ENSG00000176853.15					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AF067845.3		ENSG00000281961.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FAM160B2		ENSG00000158863.21					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CEBPD	ENSG00000221869.4						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-410L14.2		ENSG00000253948.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
ANGPT2		ENSG00000091879.13					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KAT6A	ENSG00000083168.9						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GATA4	ENSG00000136574.17						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NCOA2	ENSG00000140396.12						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GS1-24F4.2		ENSG00000245857.2					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC00681		ENSG00000255494.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01289		ENSG00000253734.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KIAA1429		ENSG00000164944.11					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC026904.1		ENSG00000233858.4					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NCRNA00250		ENSG00000253433.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-527N22.2		ENSG00000253746.1					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SLC25A37		ENSG00000147454.13					NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OPLAH	ENSG00000178814.16						NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TMEM74		ENSG00000164841.4					NA	NA	NA	NA	NA	NA	NA	NA

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CTD-2588J1.1		ENSG00000253561.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DEFB4A		ENSG00000171711.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GDF6		ENSG00000156466.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ASH2L		ENSG00000129691.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02155		ENSG00000254120.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-100L22.1		ENSG00000253177.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VCPIP1		ENSG00000175073.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTP4A3		ENSG00000184489.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2309H9.3		ENSG00000253165.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KB-173C10.2		ENSG00000253824.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-369E15.4		ENSG00000253147.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KB-1507C5.3		ENSG00000253263.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KB-1448A5.1		ENSG00000253105.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RGS20		ENSG00000147509.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM84B		ENSG00000168672.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-114O8.1		ENSG00000253489.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BOP1		ENSG00000261236.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-392C11.2		ENSG00000253354.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-705O24.1		ENSG00000254119.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HSF1		ENSG00000185122.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
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NECAB1		ENSG00000123119.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DGAT1		ENSG00000185000.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADAM18		ENSG00000168619.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-566H8.1		ENSG00000253275.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-359E19.2		ENSG00000253665.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCNE2		ENSG00000175305.17				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STMN2		ENSG00000104435.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
POLR2K		ENSG00000147669.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1D12.2		ENSG00000254006.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNF122		ENSG00000133874.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL7		ENSG00000147604.13				NA	NA	NA	NA	NA	NA	NA	NA	NA

CASC9	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000249395.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SOX17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000164736.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
UBE2V2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000169139.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF706	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000120963.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-350F16.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253782.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-142A23.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253317.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-579E24.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253762.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NKAIN3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000185942.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-369E15.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254260.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-11C20.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000272076.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LRRC6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000129295.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DCTN6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000104671.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ADGRA2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000020181.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CASC21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253929.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-120I21.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254202.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PKIA-AS1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254266.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-115J16.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254237.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-1081M5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000260484.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MYC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000136997.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC022182.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254802.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01603	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253479.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-468H14.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000249258.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-58O3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254262.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-369K17.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253619.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-96B2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000255325.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CA8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000178538.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MRPL15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000137547.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KB-1991G8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253217.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP1L1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000183638.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DOK2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000147443.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-10A14.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000253887.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
C8orf89	ENSG00000274443.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIR2052HG	ENSG00000254349.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-148O21.6	ENSG00000269954.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SGK3	ENSG00000104205.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OXR1	ENSG00000164830.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC30A8	ENSG00000164756.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3046C4.1	ENSG00000253205.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3212A4.2	ENSG00000282692.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUSP26	ENSG00000133878.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-369E15.2	ENSG00000254026.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-398H6.1	ENSG00000254258.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARHGAP39	ENSG00000147799.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYBL1	ENSG00000185697.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-434I12.4	ENSG00000253235.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-281N10.1	ENSG00000253287.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00208	ENSG00000170983.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HTRA4	ENSG00000169495.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UQCRB	ENSG00000156467.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-211C9.1	ENSG00000254367.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-158A14.1	ENSG00000253189.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DLGAP2	ENSG00000198010.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2168K21.1	ENSG00000253832.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KB-1410C5.2	ENSG00000253679.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COL22A1	ENSG00000169436.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HHLA1	ENSG00000132297.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1082L8.3	ENSG00000255491.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AB015752.3	ENSG00000254180.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NKX2-6	ENSG00000180053.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-756D1.2	ENSG00000253390.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-495O10.1	ENSG00000254321.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ENPP2	ENSG00000136960.12					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SLURP1	ENSG00000126233.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TTPA	ENSG00000137561.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPP2CB	ENSG00000104695.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-245A18.1	ENSG00000254000.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF250	ENSG00000196150.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TATDN1	ENSG00000147687.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPATC1	ENSG00000186583.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRHL2	ENSG00000083307.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PXDNL	ENSG00000147485.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-705O24.3	ENSG00000253834.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ST18	ENSG00000147488.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SNAI2	ENSG00000019549.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNK9	ENSG00000169427.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM70	ENSG00000175606.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRPS28	ENSG00000147586.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SULF1	ENSG00000137573.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB11FIP1	ENSG00000156675.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1057B8.2	ENSG00000251218.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FER1L6	ENSG00000214814.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1105O14.1	ENSG00000253270.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1082L8.2	ENSG00000255313.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RRS1-AS1	ENSG00000246145.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TNFRSF10A	ENSG00000104689.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCDC26	ENSG00000229140.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MBOAT4	ENSG00000177669.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BAG4	ENSG00000156735.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATP6V1H	ENSG00000047249.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRB1	ENSG00000181790.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
INTS9	ENSG00000104299.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-213G6.2	ENSG00000254002.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAPK15	ENSG00000181085.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA							
RP11-419C23.1	ENSG00000254038.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
FBXO43	ENSG00000156509.13					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CTD-2281E23.1	ENSG00000275427.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-383J24.1	ENSG00000253227.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LY96	ENSG00000154589.6					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
MRPL13	ENSG00000172172.7					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
TMEM67	ENSG00000164953.15					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
ERLIN2	ENSG00000147475.14					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
TMEM71	ENSG00000165071.14					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
DAB2IP	ENSG00000136848.16					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SUSD3	ENSG00000157303.10					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
ORM2	ENSG00000228278.3					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PLAA	ENSG00000137055.14					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SLC24A2	ENSG00000155886.11					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-262H14.3	ENSG00000234665.8					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CAAP1	ENSG00000120159.11					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01492	ENSG00000225564.6					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-160N1.9	ENSG00000231248.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
EGFL7	ENSG00000172889.15					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SAXO1	ENSG00000155875.13					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01474	ENSG00000236849.5					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-308N19.3	ENSG00000237062.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SPINK4	ENSG00000122711.8					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PTGDS	ENSG00000107317.12					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
MAPKAP1	ENSG00000119487.16					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
ASB6	ENSG00000148331.11					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PTGS1	ENSG00000095303.14					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CDKN2A	ENSG00000147889.17					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
TTF1	ENSG00000125482.12					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-344B5.4	ENSG00000235007.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
EDF1	ENSG00000107223.12					NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
CEL	ENSG00000170835.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FAM214B	ENSG00000005238.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-167N5.5	ENSG00000267834.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FAM122A	ENSG00000187866.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FOCAD-AS1	ENSG00000227071.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PRDM12	ENSG00000130711.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MELK	ENSG00000165304.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-88G17.6	ENSG00000196979.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-217B7.3	ENSG00000230013.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KIAA1958	ENSG00000165185.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C9orf135-AS1	ENSG00000225626.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PDCL	ENSG00000136940.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FNBP1	ENSG00000187239.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FAM205A	ENSG00000205108.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PLPPR1	ENSG00000148123.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AK1	ENSG00000106992.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-168K11.3	ENSG00000233817.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01509	ENSG00000226825.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GFI1B	ENSG00000165702.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-202G18.1	ENSG00000227531.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-98L5.5	ENSG00000236543.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CDKN2B	ENSG00000147883.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NR5A1	ENSG00000136931.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ANKRD20A2	ENSG00000183148.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OBP2B	ENSG00000171102.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-157L3.12	ENSG00000275239.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR1J1	ENSG00000136834.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GBA2	ENSG00000070610.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ENTPD2	ENSG00000054179.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
VCP	ENSG00000165280.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
STXBP1	ENSG00000136854.19					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLC27A4	ENSG00000167114.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-498P14.4	ENSG00000235494.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RPL7A	ENSG00000148303.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-350E12.6	ENSG00000283205.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
OMD	ENSG00000127083.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-370F5.4	ENSG00000203364.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NFIL3	ENSG00000165030.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9orf50	ENSG00000179058.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RLN1	ENSG00000107018.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
COQ4	ENSG00000167113.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
UBQLN1	ENSG00000135018.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
C9orf84	ENSG00000165181.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MIGA2	ENSG00000148343.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PSAT1	ENSG00000135069.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
STRBP	ENSG00000165209.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEMGN	ENSG00000136929.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DAPK1	ENSG00000196730.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CRB2	ENSG00000148204.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NFX1	ENSG00000086102.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NTRK2	ENSG00000148053.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
INSL6	ENSG00000120210.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPAAR	ENSG00000235387.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SSNA1	ENSG00000176101.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
BARX1	ENSG00000131668.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RGS3	ENSG00000138835.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ATP6V1G1	ENSG00000136888.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01506	ENSG00000234506.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-284G10.1	ENSG00000228714.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
WDR34	ENSG00000119333.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LMX1B	ENSG00000136944.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
GOLGA2	ENSG00000167110.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
C9orf131	ENSG00000174038.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR1L8	ENSG00000171496.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB14	ENSG00000119396.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-403N16.2	ENSG00000232494.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IDNK	ENSG00000148057.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NACC2	ENSG00000148411.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-344B5.2	ENSG00000224307.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DMRT3	ENSG00000064218.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MEGF9	ENSG00000106780.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LHX3	ENSG00000107187.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPL35	ENSG00000136942.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-367F23.2	ENSG00000260454.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LHX6	ENSG00000106852.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ASPN	ENSG00000106819.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C9orf47	ENSG00000186354.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C9orf163	ENSG00000196366.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKS6	ENSG00000165138.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NDUFB6	ENSG00000165264.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPACA9	ENSG00000165698.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPP1R26	ENSG00000196422.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR13C5	ENSG00000277556.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UNQ6494	ENSG00000237372.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SEC61B	ENSG00000106803.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR1J2	ENSG00000197233.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-180I4.2	ENSG00000228142.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BANCR	ENSG00000278910.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TLE1	ENSG00000196781.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZFAND5	ENSG00000107372.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-436F21.1	ENSG00000226566.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTGES	ENSG00000148344.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GLT6D1	ENSG00000204007.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
TLN1	ENSG00000137076.20					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PHPT1	ENSG00000054148.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR1J4	ENSG00000239590.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-321L2.2	ENSG00000237414.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ABCA2	ENSG00000107331.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01230	ENSG00000281769.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GALNT12	ENSG00000119514.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LL09NC01-139C3.1	ENSG00000273473.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CLIC3	ENSG00000169583.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCL19	ENSG00000172724.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BARX1-AS1	ENSG00000235601.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
1-Dec	ENSG00000173077.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FBP2	ENSG00000130957.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-546O6.4	ENSG00000260677.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NIPSNAP3B	ENSG00000165028.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-349E4.1	ENSG00000225050.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
XXyac-YM21GA2.4	ENSG00000234460.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RLN2	ENSG00000107014.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR13D1	ENSG00000179055.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CDK9	ENSG00000136807.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-305L7.1	ENSG00000230537.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TPRN	ENSG00000176058.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC31A2	ENSG00000136867.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NUTM2F	ENSG00000130950.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-18B16.2	ENSG00000227482.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TOR4A	ENSG00000198113.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TOPORS-AS1	ENSG00000235453.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TRIM32	ENSG00000119401.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ACTL7B	ENSG00000148156.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TRAF2	ENSG00000127191.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CREB3	ENSG00000107175.11					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
TXNDC8	ENSG00000204193.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB26	ENSG00000171448.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01235	ENSG00000270547.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPP3R2	ENSG00000188386.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NR4A3	ENSG00000119508.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TNFSF8	ENSG00000106952.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01507	ENSG00000230945.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NDOR1	ENSG00000188566.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM205C	ENSG00000187791.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-359J6.1	ENSG00000235819.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FSD1L	ENSG00000106701.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-2B6.2	ENSG00000269929.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NEK6	ENSG00000119408.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPATA31D4	ENSG00000189357.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR1Q1	ENSG00000165202.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DNAJB5-AS1	ENSG00000281491.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
S1PR3	ENSG00000213694.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-370B11.3	ENSG00000224549.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIAA1161	ENSG00000164976.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EXOSC2	ENSG00000130713.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GABBR2	ENSG00000136928.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANAPC2	ENSG00000176248.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-77E14.2	ENSG00000273056.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RFX3	ENSG00000080298.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CLTA	ENSG00000122705.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TNC	ENSG00000041982.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SURF2	ENSG00000148291.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ASS1	ENSG00000130707.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TMEM38B	ENSG00000095209.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZER1	ENSG00000160445.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-220I1.5	ENSG00000260100.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
PRKACG	ENSG00000165059.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-27I1.4	ENSG00000214654.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTCSC2	ENSG00000236130.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCSK5	ENSG00000099139.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RRAGA	ENSG00000155876.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RC3H2	ENSG00000056586.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-384P7.5	ENSG00000227301.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TDRD7	ENSG00000196116.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB5	ENSG00000168795.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SIT1	ENSG00000137078.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIF27	ENSG00000165115.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB6	ENSG00000186130.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MUSK	ENSG00000030304.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-74C3.1	ENSG00000224935.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SMARCA2	ENSG00000080503.22					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-9M16.2	ENSG00000235119.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-40A7.2	ENSG00000283526.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCN2	ENSG00000148346.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C8G	ENSG00000176919.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INIP	ENSG00000148153.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKAP2	ENSG00000241978.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC44A1	ENSG00000070214.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-274B18.4	ENSG00000226337.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTPDC1	ENSG00000158079.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-402G3.3	ENSG00000230601.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C9orf66	ENSG00000183784.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-205K6.1	ENSG00000233721.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TPD52L3	ENSG00000170777.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2R2	ENSG00000107341.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IFNA6	ENSG00000120235.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM219A	ENSG00000164970.14					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9orf92	ENSG00000205549.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PTGES2-AS1	ENSG00000232850.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NOTCH1	ENSG00000148400.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACER2	ENSG00000177076.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZFP37	ENSG00000136866.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PLPP6	ENSG00000205808.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PGM5P3-AS1	ENSG00000277631.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-575I8.1	ENSG00000260390.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-495L19.1	ENSG00000283982.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01505	ENSG00000234323.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DCAF12	ENSG00000198876.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
HNRNPK	ENSG00000165119.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DOLPP1	ENSG00000167130.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CCDC183	ENSG00000213213.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SPOUT1	ENSG00000198917.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TNFSF15	ENSG00000181634.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DMRT1	ENSG00000137090.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-445L6.3	ENSG00000234692.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
B4GALT1	ENSG00000086062.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-435O5.7	ENSG00000271384.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ACTL7A	ENSG00000187003.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TRUB2	ENSG00000167112.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAX5	ENSG00000196092.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAEP	ENSG00000122133.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-132E11.2	ENSG00000237153.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-2B6.3	ENSG00000269946.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMEM261	ENSG00000137038.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RABEPK	ENSG00000136933.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DENND1A	ENSG00000119522.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-23D5.1	ENSG00000230365.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SET	ENSG00000119335.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
C9orf172	ENSG00000232434.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ALDH1A1	ENSG00000165092.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM225A	ENSG00000231528.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PAPPA	ENSG00000182752.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PTCH1	ENSG00000185920.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-470F18.1	ENSG00000236376.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STOM	ENSG00000148175.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C9orf106	ENSG00000179082.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-1050E16.2	ENSG00000226206.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HINT2	ENSG00000137133.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01502	ENSG00000237339.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FBXW2	ENSG00000119402.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR4290HG	ENSG00000227555.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF20	ENSG00000155827.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-527D15.1	ENSG00000230920.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUSC1	ENSG00000198680.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEFF1	ENSG00000241697.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-360A18.1	ENSG00000225960.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-154D17.1	ENSG00000233926.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NTMT1	ENSG00000148335.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYLC2	ENSG00000155833.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-390F4.10	ENSG00000229611.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM120A	ENSG00000048828.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AUH	ENSG00000148090.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP13-60M5.2	ENSG00000228189.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-440G5.2	ENSG00000233081.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBATA	ENSG00000166220.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GATA3	ENSG00000107485.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLAU	ENSG00000122861.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC18	ENSG00000165383.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BAMBI	ENSG00000095739.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
PLEKHS1	ENSG00000148735.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DUSP5	ENSG00000138166.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00703	ENSG00000224382.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00708	ENSG00000232170.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-563J2.2	ENSG00000215244.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CFAP58	ENSG00000120051.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXI2	ENSG00000186766.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-445P17.8	ENSG00000224034.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LIPM	ENSG00000173239.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01375	ENSG00000226159.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGI1	ENSG00000108231.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00705	ENSG00000225269.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-393J16.4	ENSG00000226447.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01264	ENSG00000229630.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATE1	ENSG00000107669.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL17A1	ENSG00000065618.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF4EBP2	ENSG00000148730.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF22	ENSG00000165512.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HABP2	ENSG00000148702.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STAMBPL1	ENSG00000138134.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDNF	ENSG00000185267.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PIK3AP1	ENSG00000155629.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MBL2	ENSG00000165471.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIF11	ENSG00000138160.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HERC4	ENSG00000148634.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OTUD1	ENSG00000165312.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRC1	ENSG00000260314.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SRGN	ENSG00000122862.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-15K3.1	ENSG00000236373.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EBLN1	ENSG00000223601.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DPCD	ENSG00000166171.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
GDF2	ENSG00000263761.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-109A6.3	ENSG00000227374.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-192P3.4	ENSG00000272381.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NEUROG3	ENSG00000122859.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-433J20.1	ENSG00000236990.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ABC11-4932300016.1	ENSG00000283095.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-20J15.3	ENSG00000229116.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PNLIP	ENSG00000175535.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ANKRD1	ENSG00000148677.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINP1	ENSG00000223784.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C10orf90	ENSG00000154493.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
WASHC2A	ENSG00000099290.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SFTPA1	ENSG00000122852.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
A1CF	ENSG00000148584.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LRRTM3	ENSG00000198739.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-131N11.4	ENSG00000254271.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
MLLT10	ENSG00000078403.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCNJ	ENSG00000107443.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-598C10.1	ENSG00000228048.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
SMC3	ENSG00000108055.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-475D12.2	ENSG00000224504.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
WDFY4	ENSG00000128815.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-129J12.1	ENSG00000228778.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
MMRN2	ENSG00000173269.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LYZL2	ENSG00000151033.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CDC123	ENSG00000151465.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DDIT4	ENSG00000168209.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C10orf35	ENSG00000171224.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-168P8.5	ENSG00000236769.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	-2	NA						
ANTXR1	ENSG00000274209.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DHX32	ENSG00000089876.11					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
CDK1	ENSG00000170312.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KLLN	ENSG00000227268.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-135D11.2	ENSG00000235140.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GPR158	ENSG00000151025.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KIAA1462	ENSG00000165757.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PCAT5	ENSG00000280719.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AFAP1L2	ENSG00000169129.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ELOVL3	ENSG00000119915.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-153K11.3	ENSG00000233590.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DNAJB12	ENSG00000148719.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PSD	ENSG00000059915.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PITX3	ENSG00000107859.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BMI1	ENSG00000168283.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DDX21	ENSG00000165732.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C10orf91	ENSG00000180066.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MEIG1	ENSG00000197889.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC00200	ENSG00000229205.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RAB18	ENSG00000099246.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BAG3	ENSG00000151929.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PSTK	ENSG00000179988.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01514	ENSG00000237579.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CAMK1D	ENSG00000183049.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-351M16.3	ENSG00000237128.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MRPS16	ENSG00000182180.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-38L15.8	ENSG00000272430.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OLAH	ENSG00000152463.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LIPK	ENSG00000204021.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PTF1A	ENSG00000168267.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-319F12.2	ENSG00000227121.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZDHHC16	ENSG00000171307.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GOT1	ENSG00000120053.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
EIF5AL1	ENSG00000253626.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-748L13.6	ENSG00000260151.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-138I18.2	ENSG00000271046.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-534L6.2	ENSG00000236800.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MINPP1	ENSG00000107789.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IDI2	ENSG00000148377.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-351M16.4	ENSG00000282996.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRK5	ENSG00000198873.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-478H13.1	ENSG00000236716.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SUV39H2	ENSG00000152455.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NDUFB8	ENSG00000166136.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C10orf53	ENSG00000178645.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01374	ENSG00000280560.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-139J15.5	ENSG00000234244.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMNDC1	ENSG00000119953.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01475	ENSG00000257582.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM175B	ENSG00000165660.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SEC24C	ENSG00000176986.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLA2G12B	ENSG00000138308.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-124O11.1	ENSG00000234944.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-310E22.5	ENSG00000231829.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDSS1	ENSG00000148459.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-461K13.1	ENSG00000226140.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-1031D4.2	ENSG00000232591.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00702	ENSG00000233117.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRR26	ENSG00000180525.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-432J24.2	ENSG00000231705.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SIRT1	ENSG00000096717.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HNRNPF	ENSG00000169813.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-85G18.6	ENSG00000262412.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCGF6	ENSG00000156374.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
AP3M1	ENSG00000185009.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HNRNP3	ENSG00000096746.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GDF10	ENSG00000266524.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CYP2C9	ENSG00000138109.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-179K3.2	ENSG00000224714.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C10orf95	ENSG00000120055.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBTD1	ENSG00000165886.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM25G	ENSG00000189090.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VWA2	ENSG00000165816.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-264E18.1	ENSG00000234640.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MSMB	ENSG00000263639.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC00840	ENSG00000226808.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VTI1A	ENSG00000151532.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-344L13.2	ENSG00000233945.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KLF6	ENSG00000067082.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NHLRC2	ENSG00000196865.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CH17-360D5.2	ENSG00000276850.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GATA3-AS1	ENSG00000197308.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYPN	ENSG00000138347.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANXA7	ENSG00000138279.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF487	ENSG00000243660.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRIT1	ENSG00000148602.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC00841	ENSG00000233395.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
JMJD1C	ENSG00000171988.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USMG5	ENSG00000173915.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-445N18.5	ENSG00000227683.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC16A12	ENSG00000152779.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UPF2	ENSG00000151461.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
C10orf126	ENSG00000204365.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYOZ1	ENSG00000177791.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-120C12.3	ENSG00000234756.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
WAPL	ENSG00000062650.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00843	ENSG00000178440.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-179B15.5	ENSG00000228527.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANXA8	ENSG00000265190.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYP2C19	ENSG00000165841.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MKI67	ENSG00000148773.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
P4HA1	ENSG00000122884.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-56I23.1	ENSG00000229466.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TDRD1	ENSG00000095627.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-464C19.3	ENSG00000226005.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-398C13.6	ENSG00000272853.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUPD1	ENSG00000188716.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLXDC2	ENSG00000120594.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NFKB2	ENSG00000077150.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CPXM2	ENSG00000121898.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCDH15	ENSG00000150275.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANKRD22	ENSG00000152766.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LDB1	ENSG00000198728.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-433J20.2	ENSG00000227101.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LIPF	ENSG00000182333.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP13-463N16.6	ENSG00000242147.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TLX1	ENSG00000107807.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CEP55	ENSG00000138180.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NCOA4	ENSG00000266412.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARMC3	ENSG00000165309.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A28	ENSG00000155287.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-157J13.1	ENSG00000283096.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CC2D2B	ENSG00000188649.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKR1C4	ENSG00000198610.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADIRF	ENSG00000148671.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM24B	ENSG00000213185.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
C10orf99	ENSG00000188373.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR3663HG	ENSG00000234474.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-80H5.6	ENSG00000225836.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01153	ENSG00000227143.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDLIM1	ENSG00000107438.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB11FIP2	ENSG00000107560.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCNY	ENSG00000108100.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNIP2	ENSG00000120049.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-318E3.9	ENSG00000272764.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARMC4	ENSG00000169126.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FBXL15	ENSG00000107872.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-4C20.3	ENSG00000232259.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HPS6	ENSG00000166189.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-309N24.1	ENSG00000227313.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HECTD2	ENSG00000165338.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MCM10	ENSG00000065328.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SH3PXD2A	ENSG00000107957.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PTCHD3	ENSG00000182077.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-432J24.5	ENSG00000226900.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IFIT2	ENSG00000119922.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C10orf71	ENSG00000177354.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACTA2	ENSG00000107796.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CALML3	ENSG00000178363.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRF1	ENSG00000180644.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COMMD3	ENSG00000148444.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ENO4	ENSG00000188316.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UCN3	ENSG00000178473.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHCHD1	ENSG00000172586.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKRD30A	ENSG00000148513.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-446F3.2	ENSG00000234170.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-383C6.2	ENSG00000236799.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-402L1.11	ENSG00000228426.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C10orf113	ENSG00000204683.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00867	ENSG00000232139.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-38L15.2	ENSG00000229227.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SCD	ENSG00000099194.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ECHS1	ENSG00000127884.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM25A	ENSG00000188100.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTEN	ENSG00000171862.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VENTX	ENSG00000151650.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAF5	ENSG00000148835.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CH17-360D5.3	ENSG00000273760.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DHTKD1	ENSG00000181192.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00700	ENSG00000234962.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LYZL1	ENSG00000120563.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM213A	ENSG00000122378.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-236B18.2	ENSG00000225519.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IFIT1B	ENSG00000204010.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-442O18.1	ENSG00000232985.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-252C24.3	ENSG00000282906.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SORCS3	ENSG00000156395.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PNLIPRP1	ENSG00000187021.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-253D19.1	ENSG00000228800.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EPC1	ENSG00000120616.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLGA7B	ENSG00000155265.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UCMA	ENSG00000165623.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C10orf88	ENSG00000119965.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-464F9.22	ENSG00000272791.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01163	ENSG00000280953.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-462L8.1	ENSG00000229656.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SYNPO2L	ENSG00000166317.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C10orf55	ENSG00000222047.8					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MAP3K8	ENSG00000107968.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01519	ENSG00000237267.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ACSM6	ENSG00000173124.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
GTPBP4	ENSG00000107937.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FAM25C	ENSG00000276430.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CPN1	ENSG00000120054.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-336A10.5	ENSG00000231483.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-598C10.2	ENSG00000223800.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
LINC00704	ENSG00000231298.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CALY	ENSG00000130643.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PNLIPRP3	ENSG00000203837.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-526P5.2	ENSG00000235281.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RGS10	ENSG00000148908.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC00993	ENSG00000235687.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IDE	ENSG00000119912.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IDI1	ENSG00000067064.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-297A16.4	ENSG00000283000.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-95I16.6	ENSG00000278484.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
VPS26A	ENSG00000122958.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-298H24.1	ENSG00000229775.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
TM9SF3	ENSG00000077147.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-90J7.3	ENSG00000282863.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
XPNPEP1	ENSG00000108039.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FBXW4	ENSG00000107829.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01553	ENSG00000235931.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ZSWIM8	ENSG00000214655.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RASGEF1A	ENSG00000198915.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MCMBP	ENSG00000197771.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC01468	ENSG00000231131.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-336A10.4	ENSG00000228951.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
POLR3A	ENSG00000148606.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
UBE2D1	ENSG00000072401.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-20F24.2	ENSG00000234918.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-399K21.13	ENSG00000273248.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-514F8.2	ENSG00000231082.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LIPN	ENSG00000204020.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-57C13.6	ENSG00000225913.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00619	ENSG00000204187.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARHGAP21	ENSG00000107863.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM24A	ENSG00000203795.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SH2D4B	ENSG00000178217.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EXOSC1	ENSG00000171311.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
E2F8	ENSG00000129173.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PATL1	ENSG00000166889.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01001	ENSG00000230724.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C11orf84	ENSG00000168005.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NNMT	ENSG00000166741.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C11orf16	ENSG00000176029.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD3E	ENSG00000198851.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TAF10	ENSG00000166337.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPS13	ENSG00000110700.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HIKESHI	ENSG00000149196.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MMP26	ENSG00000167346.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CARD17	ENSG00000255221.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MS4A3	ENSG00000149516.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAT3	ENSG00000165323.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-168K9.1	ENSG00000255546.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SESN3	ENSG00000149212.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MOGAT2	ENSG00000166391.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
APOC3	ENSG00000110245.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C11orf44	ENSG00000175728.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCDC83	ENSG00000150676.12					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
OR9G4	ENSG00000172457.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP003774.4	ENSG00000181908.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GLYATL1	ENSG00000166840.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DENND5A	ENSG00000184014.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SORL1	ENSG00000137642.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLMP	ENSG00000166250.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TEAD1	ENSG00000187079.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR8G1	ENSG00000197849.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGR4	ENSG00000205213.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
JRKL-AS1	ENSG00000255679.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PHF21A	ENSG00000135365.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR51B6	ENSG00000176239.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPP2R5B	ENSG00000068971.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2523D13.1	ENSG00000255247.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZBTB44	ENSG00000196323.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FJX1	ENSG00000179431.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DGKZ	ENSG00000149091.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYRF	ENSG00000124920.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NTM-AS1	ENSG00000224795.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-119D9.1	ENSG00000251637.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR8A1	ENSG00000196119.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLRX1	ENSG00000160703.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR52N4	ENSG00000181074.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB3	ENSG00000185670.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MS4A6E	ENSG00000166926.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-326C3.14	ENSG00000270105.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PELI3	ENSG00000174516.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MS4A12	ENSG00000071203.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
B3GNT6	ENSG00000198488.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-817J15.3	ENSG00000281655.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RBM14	ENSG00000239306.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
OR2AT4	ENSG00000171561.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM111B	ENSG00000189057.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MMP12	ENSG00000262406.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-430L3.1	ENSG00000254819.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-867G2.6	ENSG00000255666.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-347H15.4	ENSG00000254518.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-460B17.3	ENSG00000254530.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SAA1	ENSG00000173432.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NUP98	ENSG00000110713.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRCP	ENSG00000137509.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCSK7	ENSG00000160613.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM126A	ENSG00000171202.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C11orf71	ENSG00000180425.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP13-631K18.2	ENSG00000254486.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC6A5	ENSG00000165970.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FKBP2	ENSG00000173486.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SIK3	ENSG00000160584.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLCO2B1	ENSG00000137491.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
THAP12	ENSG00000137492.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02098	ENSG00000272575.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SHANK2	ENSG00000162105.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARL2	ENSG00000213465.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUT1	ENSG00000149016.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2507G9.1	ENSG00000255243.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CEND1	ENSG00000184524.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAU	ENSG00000149806.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-672A2.6	ENSG00000255479.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-63D14.1	ENSG00000255477.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP006285.7	ENSG00000231487.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PTGDR2	ENSG00000183134.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ORAOV1	ENSG00000149716.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

FGF4	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000075388.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SPATA19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000166118.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-50B3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254833.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AP006285.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000227306.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TMEM86A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000151117.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RNF121	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000137522.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC22A12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000197891.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TCN1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000134827.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KCNQ1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000053918.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-290F24.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000267940.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-375D13.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000255279.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MMP7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000137673.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DLAT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000150768.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FAR1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000197601.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SCGB1C1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000188076.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCDC87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000182791.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LUZP2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000187398.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR52N1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000181001.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CADM1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000182985.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-379J13.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000255502.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ACTN3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000248746.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HBD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000223609.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C11orf53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000150750.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
POU2F3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000137709.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MRPL17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000158042.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RAB6A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000175582.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NUDT22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000149761.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AP001257.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254952.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DKFZP434K028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000124915.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DYNC2H1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000187240.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
INS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000254647.6					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CREB3L1	ENSG00000157613.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LIPT2	ENSG00000175536.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-111M22.5	ENSG00000271757.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMPRSS4	ENSG00000137648.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00167	ENSG00000233220.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-98J9.1	ENSG00000255411.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
NXF1	ENSG00000162231.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FTH1	ENSG00000167996.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CRYAB	ENSG00000109846.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRPRA	ENSG00000182934.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCDC73	ENSG00000186714.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
KBTBD4	ENSG00000123444.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
YIF1A	ENSG00000174851.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
OR5P2	ENSG00000183303.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
CARNS1	ENSG00000172508.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
AP000770.1	ENSG00000237937.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
CHRNA10	ENSG00000129749.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
VEGFB	ENSG00000173511.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
OR51A7	ENSG00000176895.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
KMT2A	ENSG00000118058.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
ARRB1	ENSG00000137486.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
BATF2	ENSG00000168062.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
ELP4	ENSG00000109911.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
PIK3C2A	ENSG00000011405.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
MMP20	ENSG00000137674.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
RP13-631K18.5	ENSG00000255400.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
RP11-626H12.3	ENSG00000248844.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
AP005273.1	ENSG00000232500.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
ELF5	ENSG00000135374.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
OTUB1	ENSG00000167770.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
TRAF6	ENSG00000175104.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
INTS5	ENSG00000185085.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TRIM49C	ENSG00000204449.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PLEKHA7	ENSG00000166689.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OR8B2	ENSG00000204293.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-540A21.2	ENSG00000245522.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AP005135.2	ENSG00000255512.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DGAT2	ENSG00000062282.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MMP27	ENSG00000137675.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ART1	ENSG00000129744.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OR9Q2	ENSG00000186513.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-716H6.1	ENSG00000255015.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TMEM225	ENSG00000204300.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MMP8	ENSG00000118113.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CCDC85B	ENSG00000175602.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UPK2	ENSG00000110375.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NXPE1	ENSG00000095110.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MAP6	ENSG00000171533.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OR10Q1	ENSG00000180475.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TBRG1	ENSG00000154144.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF408	ENSG00000175213.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OVCH2	ENSG00000183378.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GPR152	ENSG00000175514.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RAB30	ENSG00000137502.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-831A10.1	ENSG00000255216.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CASP4	ENSG00000196954.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARNTL	ENSG00000133794.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MTA2	ENSG00000149480.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP13-631K18.3	ENSG00000254991.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CNTN5	ENSG00000149972.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SERPINH1	ENSG00000149257.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-65M17.3	ENSG00000254968.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
CD3G	ENSG00000160654.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SAC3D1	ENSG00000168061.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB16	ENSG00000109906.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM76B	ENSG00000077458.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPTY2D1	ENSG00000179119.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01493	ENSG00000254562.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZDHHC5	ENSG00000156599.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CKAP5	ENSG00000175216.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTD-2210P24.2	ENSG00000255426.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VPS26B	ENSG00000151502.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZC3H12C	ENSG00000149289.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAML2	ENSG00000184384.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CREBZF	ENSG00000137504.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL18	ENSG00000150782.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MS4A15	ENSG00000166961.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP004550.1	ENSG00000254573.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-113D6.6	ENSG00000255470.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SCGB2A2	ENSG00000110484.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP28	ENSG00000048028.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UBTF1L1	ENSG00000255009.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RBMXL2	ENSG00000170748.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-124G5.3	ENSG00000255388.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADAMTS15	ENSG00000166106.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARFGAP2	ENSG00000149182.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
THYN1	ENSG00000151500.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANAPC15	ENSG00000110200.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MPZL2	ENSG00000149573.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NCAM1	ENSG00000149294.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-531H8.2	ENSG00000254789.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MMP1	ENSG00000196611.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TAF6L	ENSG00000162227.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-304C12.5	ENSG00000282556.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRSF8	ENSG00000263465.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-277K23.1	ENSG00000255175.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CFL1	ENSG00000172757.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CSNK2A3	ENSG00000254598.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-613D13.8	ENSG00000244953.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP001462.6	ENSG00000269038.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRTAP5-3	ENSG00000196224.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNHD1	ENSG00000179532.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRRG4	ENSG00000135378.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AASDHPPT	ENSG00000149313.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-632K5.3	ENSG00000246211.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNHIT2	ENSG00000174276.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPDYC	ENSG00000204710.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP000439.5	ENSG00000261347.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TEX12	ENSG00000150783.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRMT3	ENSG00000185238.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C11orf86	ENSG00000173237.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C11orf98	ENSG00000278615.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHKA	ENSG00000110721.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARHGAP42	ENSG00000165895.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-49K4.2	ENSG00000256684.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1036E20.9	ENSG00000214797.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-677I18.4	ENSG00000254580.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RBM7	ENSG00000076053.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STX5	ENSG00000162236.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MS4A4E	ENSG00000214787.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01395	ENSG00000281097.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC22A10	ENSG00000184999.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BDNF	ENSG00000176697.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INPPL1	ENSG00000165458.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
PDE3B	ENSG00000152270.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SCGB2A1	ENSG00000124939.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP000654.4	ENSG00000269895.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2572N17.1	ENSG00000255109.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDGFD	ENSG00000170962.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZW10	ENSG00000086827.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR8B12	ENSG00000170953.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MICALCL	ENSG00000133808.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HNRNPUL2	ENSG00000214753.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-237N19.3	ENSG00000281386.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRG2	ENSG00000186652.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM151A	ENSG00000179292.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CSRP3	ENSG00000129170.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYB561A3	ENSG00000162144.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP5-1	ENSG00000205869.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR8G5	ENSG00000255298.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MS4A2	ENSG00000149534.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PGA5	ENSG00000256713.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPAS4	ENSG00000174576.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DSCAML1	ENSG00000177103.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IZUMO1R	ENSG00000183560.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR8D1	ENSG00000196341.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KMT5B	ENSG00000110066.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM138	ENSG00000149483.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BUD13	ENSG00000137656.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-643C9.2	ENSG00000260679.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-347E10.1	ENSG00000254416.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRIM49	ENSG00000168930.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM89B	ENSG00000176973.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-23F23.2	ENSG00000254480.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-89C3.4	ENSG00000271584.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

RTN3	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000133318.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
CTR9	ENSG00000198730.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
WT1	ENSG00000184937.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SERPING1	ENSG00000149131.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SDHD	ENSG00000204370.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
CD3D	ENSG00000167286.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
MS4A10	ENSG00000172689.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
MYOD1	ENSG00000129152.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
ASCL2	ENSG00000183734.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
OR56A1	ENSG00000180934.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
HBB	ENSG00000244734.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
P2RY6	ENSG00000171631.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP11-179A16.2	ENSG00000255246.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
PITPNM1	ENSG00000110697.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
TSG101	ENSG00000074319.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
INS-IGF2	ENSG00000129965.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
AHNAK	ENSG00000124942.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP11-727F15.14	ENSG00000283268.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
KDM4E	ENSG00000235268.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP11-672A2.4	ENSG00000254810.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
DDI1	ENSG00000170967.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RCN1	ENSG00000049449.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP11-469N6.2	ENSG00000255344.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
UBXN1	ENSG00000162191.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
MRGPRX3	ENSG00000179826.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
MMP13	ENSG00000137745.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
ARFIP2	ENSG00000132254.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
PGAP2	ENSG00000148985.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
LAMTOR1	ENSG00000149357.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
CHRM1	ENSG00000168539.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
VPS37C	ENSG00000167987.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
CTD-2005H7.2		ENSG00000255250.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC22A11		ENSG00000168065.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-646J21.3		ENSG00000255169.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NRXN2		ENSG00000110076.18				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF214		ENSG00000149050.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ROBO4		ENSG00000154133.14				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCND1		ENSG00000110092.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-646J21.4		ENSG00000254619.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM48		ENSG00000150244.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANGPTL5		ENSG00000187151.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MRGPRX2		ENSG00000183695.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDC42EP2		ENSG00000149798.4				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC36A4		ENSG00000180773.14				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EIF3M		ENSG00000149100.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-563P16.1		ENSG00000254987.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OMP		ENSG00000254550.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GLYATL1P3		ENSG00000255151.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KAT5		ENSG00000172977.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GIF		ENSG00000134812.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-1337H24.4		ENSG00000275484.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPI1		ENSG00000066336.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DPAGT1		ENSG00000172269.18				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PSMA1		ENSG00000129084.17				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-903G2.2		ENSG00000254610.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTNR1B		ENSG00000134640.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-702B10.2		ENSG00000273415.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP000439.3		ENSG00000255774.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RBM4		ENSG00000173933.19				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SAA2		ENSG00000134339.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-626H12.1		ENSG00000255191.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATP5L		ENSG00000167283.7				NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
TMEM109	ENSG00000110108.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-794G24.1	ENSG00000256443.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR5AK2	ENSG00000181273.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-713P17.4	ENSG00000254648.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2210P24.6	ENSG00000255447.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01499	ENSG00000255171.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP000442.4	ENSG00000255008.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC068858.1	ENSG00000254654.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-211G23.2	ENSG00000260877.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IL10RA	ENSG00000110324.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-448P19.1	ENSG00000255258.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPTY2D1-AS1	ENSG00000247595.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FNBP4	ENSG00000109920.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-222N13.1	ENSG00000254661.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP002856.5	ENSG00000231698.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARCN1	ENSG00000095139.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-201M22.1	ENSG00000255332.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMX2	ENSG00000213593.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACRV1	ENSG00000134940.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-555G19.1	ENSG00000255327.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTPN5	ENSG00000110786.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ALDH3B2	ENSG00000132746.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A22	ENSG00000177542.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-676F20.5	ENSG00000282940.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LRP5	ENSG00000162337.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SC5D	ENSG00000109929.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CNIH2	ENSG00000174871.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PGA3	ENSG00000229859.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BIRC3	ENSG00000023445.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CEP295	ENSG00000166004.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GDPD5	ENSG00000158555.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
GNG3	ENSG00000162188.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HTR3B	ENSG00000149305.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C11orf65	ENSG00000166323.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FERMT3	ENSG00000149781.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ADM	ENSG00000148926.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CTD-2005H7.1	ENSG00000254731.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HYOU1	ENSG00000149428.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MPEG1	ENSG00000197629.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
UBE2L6	ENSG00000156587.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GLYAT	ENSG00000149124.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-179A10.1	ENSG00000254401.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MS4A4A	ENSG00000110079.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-358H18.3	ENSG00000254586.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BIRC2	ENSG00000110330.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-396O20.1	ENSG00000254695.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PIH1D2	ENSG00000150773.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-413N10.3	ENSG00000283415.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2007L18.5	ENSG00000260808.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
WEE1	ENSG00000166483.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FOLR1	ENSG00000110195.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IFITM5	ENSG00000206013.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR2AG2	ENSG00000188124.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EHBP1L1	ENSG00000173442.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
P2RX3	ENSG00000109991.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-98J9.3	ENSG00000254930.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NLRP10	ENSG00000182261.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2003C8.2	ENSG00000250041.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BSCL2	ENSG00000168000.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SCYL1	ENSG00000142186.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SDHAF2	ENSG00000167985.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MS4A5	ENSG00000166930.6					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
FOLR3	ENSG00000110203.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
REXO2	ENSG00000076043.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
VWCE	ENSG00000167992.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HIPK3	ENSG00000110422.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
OR6T1	ENSG00000181499.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC22A25	ENSG00000196600.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C11orf88	ENSG00000183644.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ARHGEF17	ENSG00000110237.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MS4A1	ENSG00000156738.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ODF3	ENSG00000177947.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP5-1027O15.1	ENSG00000255117.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-699F16.2	ENSG00000255187.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MS4A6A	ENSG00000110077.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ATG2A	ENSG00000110046.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KIF18A	ENSG00000121621.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-676F20.4	ENSG00000282916.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ANO1	ENSG00000131620.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MACROD1	ENSG00000133315.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PATE4	ENSG00000237353.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FADS2	ENSG00000134824.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01495	ENSG00000255323.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MRPL16	ENSG00000166902.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MARK2	ENSG00000072518.20					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
JAML	ENSG00000160593.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-655C2.3	ENSG00000255299.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FUT4	ENSG00000196371.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MTRNR2L8	ENSG00000255823.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IGF2	ENSG00000167244.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RPL27A	ENSG00000166441.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-264E20.1	ENSG00000255465.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CCDC34	ENSG00000109881.16					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MALAT1	ENSG00000251562.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
C11orf72	ENSG00000184224.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
UQCC3	ENSG00000204922.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ETS1	ENSG00000134954.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
OR52N2	ENSG00000180988.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
AIP	ENSG00000110711.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SBF2	ENSG00000133812.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LGALS12	ENSG00000133317.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SELENOH	ENSG00000211450.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-405K6.1	ENSG00000254456.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-98J9.2	ENSG00000254927.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
FOSL1	ENSG00000175592.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTC-1337H24.3	ENSG00000274251.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
GPR137	ENSG00000173264.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RASSF10	ENSG00000189431.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RELA	ENSG00000173039.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
VWA5A	ENSG00000110002.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HSPA8	ENSG00000109971.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MAPK8IP1	ENSG00000121653.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-428C19.5	ENSG00000255160.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA
APOA4	ENSG00000110244.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
METTL12	ENSG00000214756.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
NUMA1	ENSG00000137497.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CPT1A	ENSG00000110090.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FAM99A	ENSG00000205866.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-89C3.3	ENSG00000271390.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
OR52N5	ENSG00000181009.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
EIF4G2	ENSG00000110321.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
TRIM22	ENSG00000132274.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
UEVLD	ENSG00000151116.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-338H14.1	ENSG00000250390.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
CAPRIN1	ENSG00000135387.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CABP2	ENSG00000167791.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM123	ENSG00000152558.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ILK	ENSG00000166333.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLCF1	ENSG00000175505.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZFPL1	ENSG00000162300.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NXPE2	ENSG00000204361.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-554A11.7	ENSG00000260895.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-702F3.4	ENSG00000255269.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR6A2	ENSG00000184933.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-20L19.1	ENSG00000257787.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00939	ENSG00000249267.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NDUFA4L2	ENSG00000185633.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LDHB	ENSG00000111716.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VDR	ENSG00000111424.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP13-941N14.1	ENSG00000256742.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RASAL1	ENSG00000111344.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
THAP2	ENSG00000173451.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIST4H4	ENSG00000197837.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MPHOSPH9	ENSG00000051825.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTPRO	ENSG00000151490.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANKRD52	ENSG00000139645.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-711D18.2	ENSG00000258435.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANHX	ENSG00000227059.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-776A13.3	ENSG00000257756.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-15J22.8	ENSG00000275265.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-637A17.2	ENSG00000247363.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00934	ENSG00000281196.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-277P12.10	ENSG00000256288.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-295G12.1	ENSG00000257750.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ORMDL2	ENSG00000123353.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-357K6.2	ENSG00000255814.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLBD2	ENSG00000151176.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TBK1	ENSG00000183735.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IFFO1	ENSG00000010295.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NR1H4	ENSG00000012504.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TPCN1	ENSG00000186815.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01489	ENSG00000255727.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RILPL2	ENSG00000150977.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF385A	ENSG00000161642.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OASL	ENSG00000135114.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FKBP4	ENSG00000004478.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-552I14.1	ENSG00000257860.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM119	ENSG00000183160.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C12orf77	ENSG00000226397.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SH2B3	ENSG00000111252.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OAS3	ENSG00000111331.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BAZ2A	ENSG00000076108.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-417L19.4	ENSG00000255992.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCDC63	ENSG00000173093.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-625L16.1	ENSG00000255745.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-116D17.5	ENSG00000276972.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM132C	ENSG00000181234.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF705A	ENSG00000196946.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-162N7.1	ENSG00000258254.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NEDD1	ENSG00000139350.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-362K2.2	ENSG00000258231.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FGF23	ENSG00000118972.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC091814.3	ENSG00000231560.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DBX2	ENSG00000185610.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-526P6.1	ENSG00000256022.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXC8	ENSG00000037965.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA								
NECAP1	ENSG00000089818.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
CTC-465D4.1	ENSG00000256499.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
UHRF1BP1L	ENSG00000111647.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
FIGNL2	ENSG00000261308.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
IRAK3	ENSG00000090376.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
C12orf42	ENSG00000179088.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
GOLGA3	ENSG00000090615.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CTD-2021H9.1	ENSG00000257265.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
EIF2S3L	ENSG00000180574.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-417O18.2	ENSG00000276487.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
AMHR2	ENSG00000135409.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
HNRNPA1	ENSG00000135486.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
ABCD2	ENSG00000173208.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
UBC	ENSG00000150991.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
TXNRD1	ENSG00000198431.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PPM1H	ENSG00000111110.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
UTP20	ENSG00000120800.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
METTL1	ENSG00000037897.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
KRT6A	ENSG00000205420.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
FICD	ENSG00000198855.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
GPR182	ENSG00000166856.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CLSTN3	ENSG00000139182.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-983C2.3	ENSG00000256286.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
KRT3	ENSG00000186442.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SLC38A4	ENSG00000139209.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-631N16.4	ENSG00000275180.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CRY1	ENSG00000008405.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
C12orf45	ENSG00000151131.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-274M17.3	ENSG00000257183.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-21K12.3	ENSG00000274695.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
C12orf49	ENSG00000111412.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
PTPRR	ENSG00000153233.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RASSF8	ENSG00000123094.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLEC1B	ENSG00000165682.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT85	ENSG00000135443.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HRK	ENSG00000135116.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-686F15.2	ENSG00000260030.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-116D17.4	ENSG00000276308.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMPRSS12	ENSG00000186452.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-7G5.6	ENSG00000249094.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATG101	ENSG00000123395.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-71J4.2	ENSG00000256273.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-89H19.2	ENSG00000278385.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OSBPL8	ENSG00000091039.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-43N5.1	ENSG00000255970.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRPF40B	ENSG00000110844.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LUM	ENSG00000139329.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXC9	ENSG00000180806.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP3-473L9.4	ENSG00000257595.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPRYD3	ENSG00000167778.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2021H9.3	ENSG00000258053.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT8	ENSG00000170421.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGR5	ENSG00000139292.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-76C10.2	ENSG00000256810.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLIP1-AS1	ENSG00000257097.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TESC-AS1	ENSG00000258285.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXN4	ENSG00000139445.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT79	ENSG00000185640.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-197N18.7	ENSG00000251497.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCTN1	ENSG00000204852.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZFC3H1	ENSG00000133858.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NAP1L1	ENSG00000187109.13					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ZC3H10	ENSG00000135482.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ART4	ENSG00000111339.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-609L23.1	ENSG00000257510.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
NCKAP1L	ENSG00000123338.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NFE2	ENSG00000123405.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CDK17	ENSG00000059758.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TIMELESS	ENSG00000111602.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ORAI1	ENSG00000276045.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-449P1.1	ENSG00000256923.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-834C11.11	ENSG00000260470.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-834C11.6	ENSG00000249388.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
LINC01405	ENSG00000185847.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
B3GNT4	ENSG00000176383.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PLBD1	ENSG00000121316.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-834C11.15	ENSG00000283073.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
PLEKHG7	ENSG00000187510.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
DCTN2	ENSG00000175203.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PZP	ENSG00000126838.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ETV6	ENSG00000139083.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-669N7.3	ENSG00000256699.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CLEC4C	ENSG00000198178.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TROAP	ENSG00000135451.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-654D12.3	ENSG00000257725.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-221N13.3	ENSG00000256268.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP1-288H2.2	ENSG00000257989.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-324E6.6	ENSG00000256249.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
GALNT4	ENSG00000257594.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-1022B3.1	ENSG00000258117.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
MGP	ENSG00000111341.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SELPLG	ENSG00000110876.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-900F13.2	ENSG00000278011.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-497G19.2	ENSG00000257654.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FOXJ2	ENSG0000065970.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTGES3	ENSG00000110958.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-214K3.24	ENSG00000275389.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PIWIL1	ENSG00000125207.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-707G18.1	ENSG00000278743.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LRRC10	ENSG00000198812.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LALBA	ENSG00000167531.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AICDA	ENSG00000111732.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYL6	ENSG00000092841.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EPS8	ENSG00000151491.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM109A	ENSG00000198324.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR10P1	ENSG00000175398.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT4	ENSG00000170477.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-495K9.7	ENSG00000256424.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-572C21.1	ENSG00000251536.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT6B	ENSG00000185479.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP13-653N12.1	ENSG00000256551.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STAC3	ENSG00000185482.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLEC2A	ENSG00000188393.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATF7	ENSG00000170653.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNAJC22	ENSG00000178401.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATXN2	ENSG00000204842.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIF5A	ENSG00000155980.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01598	ENSG00000250432.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-554E23.2	ENSG00000258308.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-230G5.2	ENSG00000250748.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-923I11.4	ENSG00000260473.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUSP6	ENSG00000139318.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-503G7.2	ENSG00000256875.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-117L5.4	ENSG00000256064.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
METTL25	ENSG00000127720.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-620J15.2	ENSG00000245651.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTPRB	ENSG00000127329.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-606D9.1	ENSG00000256389.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM233	ENSG00000224982.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CAPZA3	ENSG00000177938.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OTOGL	ENSG00000165899.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NELL2	ENSG00000184613.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-916L7.2	ENSG00000256276.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GLS2	ENSG00000135423.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAC3	ENSG00000166863.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RAN	ENSG00000132341.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C12orf10	ENSG00000139637.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-630C16.2	ENSG00000257239.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRB3	ENSG00000197870.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-70F11.8	ENSG00000257771.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF10	ENSG00000256223.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLEC4D	ENSG00000166527.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAS2R30	ENSG00000256188.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-50I19.2	ENSG00000276136.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PYM1	ENSG00000170473.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARPC3	ENSG00000111229.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C12orf57	ENSG00000111678.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HCAR2	ENSG00000182782.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-272B17.2	ENSG00000257230.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INHBC	ENSG00000175189.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-116D17.2	ENSG00000257519.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ITGB7	ENSG00000139626.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VPS37B	ENSG00000139722.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-497G19.7	ENSG00000275898.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-81H14.1	ENSG00000273824.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	NA	-2	NA									
SYT1	ENSG00000067715.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
HNF1A	ENSG00000135100.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
H2AFJ	ENSG00000246705.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-493L12.7	ENSG00000276454.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP11-620J15.3	ENSG00000257698.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP11-474D1.2	ENSG00000256906.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
ZNF891	ENSG00000214029.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
KRT76	ENSG00000185069.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CCDC38	ENSG00000165972.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP4-601P9.2	ENSG00000257817.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
IRAK4	ENSG00000198001.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CUX2	ENSG00000111249.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
PIK3C2G	ENSG00000139144.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
DDN	ENSG00000181418.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CTD-2021H9.2	ENSG00000257454.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
BTG1	ENSG00000133639.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
GSG1	ENSG00000111305.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-328J6.1	ENSG00000257703.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP11-511B23.3	ENSG00000258171.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP1-116K23.1	ENSG00000256763.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
SOCS2	ENSG00000120833.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
ING4	ENSG00000111653.19			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
CCNT1	ENSG00000129315.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
ASCL1	ENSG00000139352.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP1-97G4.1	ENSG00000257835.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
DDX23	ENSG00000174243.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA											
RP11-662M24.1	ENSG00000256343.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP11-428G5.5	ENSG00000255760.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
RP11-662M24.2	ENSG00000256725.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
HOXC11	ENSG00000123388.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA										
ESYT1	ENSG00000139641.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
GPR84	ENSG00000139572.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KERA	ENSG00000139330.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-405A12.2	ENSG00000255910.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C12orf80	ENSG00000257137.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MSI1	ENSG00000135097.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PHB2	ENSG00000215021.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DNAJC14	ENSG00000135392.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-87C12.6	ENSG00000278084.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AGAP2	ENSG00000135439.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ACSM4	ENSG00000215009.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TAOK3	ENSG00000135090.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-239A17.1	ENSG00000283240.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RNFT2	ENSG00000135119.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP13-977J11.8	ENSG00000256312.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-114H23.2	ENSG00000258088.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC012531.25	ENSG00000260597.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-218M22.2	ENSG00000256672.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCND2	ENSG00000118971.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ANO6	ENSG00000177119.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP13-895J2.6	ENSG00000277011.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KRT71	ENSG00000139648.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ERP29	ENSG00000089248.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-370I10.2	ENSG00000258234.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP13-507P19.2	ENSG00000230294.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MED13L	ENSG00000123066.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GDF3	ENSG00000184344.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NABP2	ENSG00000139579.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-850F7.7	ENSG00000257634.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-476M19.2	ENSG00000257048.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-386I8.6	ENSG00000246394.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ASCL4	ENSG00000187855.5					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SLCO1B1	ENSG00000134538.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HMG2	ENSG00000149948.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-153K16.1	ENSG00000256321.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
U47924.32	ENSG00000275703.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-711C17.2	ENSG00000258332.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
REP15	ENSG00000174236.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-46F2.3	ENSG00000258240.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-788H18.1	ENSG00000257729.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IFT81	ENSG00000122970.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP13-507P19.1	ENSG00000256484.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01479	ENSG00000255772.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-503G7.1	ENSG00000256783.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-139B1.1	ENSG00000257476.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP5	ENSG00000111667.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TAS2R13	ENSG00000212128.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD163	ENSG00000177575.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-18C24.8	ENSG00000278344.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACVR1B	ENSG00000135503.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SRRM4	ENSG00000139767.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-561P12.5	ENSG00000255801.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRMP	ENSG00000118308.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CALCOCO1	ENSG00000012822.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM186B	ENSG00000135436.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RHNO1	ENSG00000171792.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ACRBP	ENSG00000111644.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-612B6.1	ENSG00000255858.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BCL2L14	ENSG00000121380.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLCO1B7	ENSG00000205754.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLEKHA5	ENSG00000052126.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TDG	ENSG00000139372.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KLRF1	ENSG00000150045.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RERGL	ENSG00000111404.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FBXL14	ENSG00000171823.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-408B11.2	ENSG00000258815.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-575F12.1	ENSG00000249345.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
YARS2	ENSG00000139131.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRIG3	ENSG00000139263.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-228P16.8	ENSG00000276814.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RASSF3	ENSG00000153179.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KRT6C	ENSG00000170465.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OAS2	ENSG00000111335.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARL6IP4	ENSG00000182196.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANP32D	ENSG00000139223.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC41A2	ENSG00000136052.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
USP15	ENSG00000135655.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-497G19.1	ENSG00000257883.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NOP2	ENSG00000111641.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-90C1.1	ENSG00000257879.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP3-446N13.1	ENSG00000256342.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SFSWAP	ENSG00000061936.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FOXM1	ENSG00000111206.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RBP5	ENSG00000139194.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-352M15.2	ENSG00000273015.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AVIL	ENSG00000135407.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DIABLO	ENSG00000184047.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP1-228P16.3	ENSG00000258203.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-493L12.5	ENSG00000257924.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
WNK1	ENSG00000060237.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NR2C1	ENSG00000120798.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HCFC2	ENSG00000111727.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SCAF11	ENSG00000139218.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC00477	ENSG00000197503.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-291B21.2	ENSG00000256039.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-498M15.1	ENSG00000257515.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-118A3.1	ENSG00000258331.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LRRIQ1	ENSG00000133640.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1038A11.1	ENSG00000255983.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PA2G4	ENSG00000170515.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-321F8.4	ENSG00000257543.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00944	ENSG00000256128.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC39A5	ENSG00000139540.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-228P16.5	ENSG00000257955.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AQP6	ENSG00000086159.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STAB2	ENSG00000136011.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-664H17.1	ENSG00000256287.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNF34	ENSG00000170633.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXC10	ENSG00000180818.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-476D10.1	ENSG00000260943.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FZD10	ENSG00000111432.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM71C	ENSG00000180219.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC38A1	ENSG00000111371.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLLU10S	ENSG00000205057.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OVCH1	ENSG00000187950.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-75L1.1	ENSG00000256582.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-114G22.1	ENSG00000256995.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRB4	ENSG00000230657.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1028N23.3	ENSG00000258108.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXC5	ENSG00000172789.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT75	ENSG00000170454.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
U47924.27	ENSG00000257084.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
H3F3C	ENSG00000188375.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-778H2.1	ENSG00000256120.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ALX1	ENSG00000180318.3					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
HOXC12	ENSG00000123407.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C12orf56	ENSG00000185306.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-473M14.3	ENSG00000256172.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COQ10A	ENSG00000135469.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCDC60	ENSG00000183273.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1100L3.8	ENSG00000259884.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01257	ENSG00000204603.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-871F6.3	ENSG00000256994.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01490	ENSG00000257741.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT73	ENSG00000186049.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-248E9.6	ENSG00000257940.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEP83	ENSG00000173588.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-121E16.1	ENSG00000258100.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1143G9.5	ENSG00000274979.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BTBD11	ENSG00000151136.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCBP2	ENSG00000197111.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CLEC9A	ENSG00000197992.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLCZ1	ENSG00000139151.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-210L7.3	ENSG00000283052.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARID2	ENSG00000189079.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-134N1.2	ENSG00000256084.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NUP37	ENSG00000075188.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RPLP0	ENSG00000089157.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SSH1	ENSG00000084112.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP13-714J12.1	ENSG00000274373.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-25I15.3	ENSG00000257114.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NR4A1	ENSG00000123358.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
BIN2	ENSG00000110934.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AQP2	ENSG00000167580.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-77I22.2	ENSG00000246331.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAP1LC3B2	ENSG00000258102.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-1109F11.3	ENSG00000271327.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-181C3.1	ENSG00000245017.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PXN	ENSG00000089159.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-897M7.1	ENSG00000256209.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRPV4	ENSG00000111199.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GABARAPL1	ENSG00000139112.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SMARCC2	ENSG00000139613.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MUCL1	ENSG00000172551.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPTC7	ENSG00000196850.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-955H22.3	ENSG00000256362.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCT2	ENSG00000166226.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RACGAP1	ENSG00000161800.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CD69	ENSG00000110848.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CEP83-AS1	ENSG00000278916.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIP	ENSG00000135517.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAP3K12	ENSG00000139625.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-114H23.1	ENSG00000258077.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KDM2B	ENSG00000089094.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SDSL	ENSG00000139410.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT78	ENSG00000170423.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DDX47	ENSG00000213782.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIGD1C	ENSG00000214511.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT77	ENSG00000189182.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01486	ENSG00000256560.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-123O10.4	ENSG00000256248.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PMEL	ENSG00000185664.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDK2	ENSG00000123374.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CKAP4	ENSG00000136026.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-944M2.2	ENSG00000256927.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KLRF2	ENSG00000256797.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RIC8B	ENSG00000111785.19					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
NUDT4	ENSG00000173598.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-474P2.4	ENSG00000257496.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C12orf4	ENSG00000047621.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-626I20.3	ENSG00000257762.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRAFD1	ENSG00000135148.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-81H14.2	ENSG00000251301.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-768F21.1	ENSG00000248636.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LOH12CR2	ENSG00000205791.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-76C10.5	ENSG00000256151.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPATS2	ENSG00000123352.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TUBA1A	ENSG00000167552.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAB35	ENSG00000111737.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLCO1B3	ENSG00000111700.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LPAR5	ENSG00000184574.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KLHL42	ENSG00000087448.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXC6	ENSG00000197757.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GUCY2C	ENSG00000070019.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DYRK2	ENSG00000127334.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GPRC5A	ENSG00000013588.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-753N8.1	ENSG00000258183.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00592	ENSG00000258279.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-601P9.1	ENSG00000257517.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GAPDH	ENSG00000111640.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RAB5B	ENSG00000111540.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-542B15.1	ENSG00000203585.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CRADD	ENSG00000169372.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
C12orf29	ENSG00000133641.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MAPKAPK5-AS1	ENSG00000234608.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COPS7A	ENSG00000111652.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLEC6A	ENSG00000205846.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPRYD4	ENSG00000176422.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LARP4	ENSG00000161813.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-497G19.3	ENSG00000258249.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ELK3	ENSG00000111145.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
C1S	ENSG00000182326.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-624J6.2	ENSG00000283536.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
OR10AD1	ENSG00000172640.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
OAS1	ENSG00000089127.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-320N7.2	ENSG00000256969.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-983C2.2	ENSG00000249873.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
AC079630.2	ENSG00000223914.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-407A16.3	ENSG00000256732.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
HAL	ENSG00000084110.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
ADIPOR2	ENSG00000006831.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
USP30	ENSG00000135093.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
9-Mar	ENSG00000139266.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
LINC01559	ENSG00000180861.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
BRI3BP	ENSG00000184992.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
PDE3A	ENSG00000172572.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
ACTR6	ENSG00000075089.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-1038A11.3	ENSG00000256417.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CYP27B1	ENSG00000111012.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
DERA	ENSG00000023697.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
A2M	ENSG00000175899.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CLLU1	ENSG00000257127.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-359M6.1	ENSG00000257474.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
APOBEC1	ENSG00000111701.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
HCAR3	ENSG00000255398.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-221N13.4	ENSG00000256915.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
C3AR1	ENSG00000171860.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
DHH	ENSG00000139549.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
LINC00433	ENSG00000229443.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

IL17D	ENSG00000172458.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-78J21.4	ENSG00000244471.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CLN5	ENSG00000102805.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZMYM2	ENSG00000121741.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ALOX5AP	ENSG00000132965.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GTF2F2	ENSG00000188342.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ING1	ENSG00000153487.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00351	ENSG00000226317.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00460	ENSG00000233532.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00364	ENSG00000230040.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-54H7.4	ENSG00000275216.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00444	ENSG00000234689.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00376	ENSG00000227564.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SMIM2	ENSG00000139656.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MPHOSPH8	ENSG00000196199.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01040	ENSG00000226037.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DIS3	ENSG00000083520.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MLNR	ENSG00000102539.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
KBTBD6	ENSG00000165572.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-120E13.1	ENSG00000226134.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ITM2B	ENSG00000136156.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01074	ENSG00000227611.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ACOD1	ENSG00000102794.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SCEL	ENSG00000136155.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SACS-AS1	ENSG00000229558.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
IPO5	ENSG00000065150.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00370	ENSG00000223617.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SERTM1	ENSG00000180440.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-65D24.2	ENSG00000204398.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00559	ENSG00000261446.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARL11	ENSG00000152213.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

FAM216B	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000179813.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-40E6.2	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000275248.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
USP12	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000152484.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01070	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000260102.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
AMER2	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000165566.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00560	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000261666.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
ATP4B	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000186009.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01049	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000234384.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-189B4.7	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000277228.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00398	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000237879.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
GAS6-AS2	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000272695.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
F10	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000126218.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01043	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000260343.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-168P13.1	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000270522.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NHLRC3	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000188811.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
RNF219	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000152193.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
PCDH9	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000184226.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00564	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000260094.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00397	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000223404.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
RGCC	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000102760.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-65D24.1	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000215881.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-29B2.6	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000276957.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00332	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000230710.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00462	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000233610.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
EDNRB	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000136160.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01069	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000236133.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-153I24.5	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000283384.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01075	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000230142.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01047	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000232225.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
TSC22D1	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000102804.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00365	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000224511.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
TPP2	ENSG00000134900.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USPL1	ENSG00000132952.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF113B	ENSG00000139797.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00453	ENSG00000274766.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBL3	ENSG00000122042.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-385E5.5	ENSG00000229791.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ENOX1	ENSG00000120658.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-408E5.5	ENSG00000232243.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPG20	ENSG00000133104.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00378	ENSG00000225249.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPRY2	ENSG00000136158.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-93G5.1	ENSG00000274317.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-214F16.8	ENSG00000280710.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FGF9	ENSG00000102678.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01309	ENSG00000234551.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SERPINE3	ENSG00000253309.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00392	ENSG00000228295.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC15A1	ENSG00000088386.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00400	ENSG00000229928.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00402	ENSG00000235532.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCID2	ENSG00000126226.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPERT	ENSG00000174015.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-37L2.1	ENSG00000234535.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01058	ENSG00000225039.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00459	ENSG00000229307.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00347	ENSG00000236678.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BRCA2	ENSG00000139618.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-87C7.3	ENSG00000273552.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MBNL2	ENSG00000139793.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COL4A1	ENSG00000187498.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-269C23.5	ENSG00000277831.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
MAB21L1	ENSG00000180660.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00563	ENSG00000261097.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-141M1.3	ENSG00000230490.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FLT1	ENSG00000102755.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-380B4.3	ENSG00000277151.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NUFIP1	ENSG00000083635.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TUBA3C	ENSG00000198033.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00415	ENSG00000231983.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
POU4F1	ENSG00000152192.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00566	ENSG00000261498.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-442J17.3	ENSG00000231358.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RFXAP	ENSG00000133111.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00454	ENSG00000226921.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RXFP2	ENSG00000133105.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00382	ENSG00000229175.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TUSC8	ENSG00000237361.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDK8	ENSG00000132964.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC7A1	ENSG00000139514.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZIC5	ENSG00000139800.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPACA7	ENSG00000153498.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-346C4.3	ENSG00000274718.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WBP4	ENSG00000120688.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00330	ENSG00000235097.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZIC2	ENSG00000043355.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STOML3	ENSG00000133115.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00561	ENSG00000261206.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-394A14.4	ENSG00000272299.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NUP58	ENSG00000139496.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM155A	ENSG00000204442.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UFM1	ENSG00000120686.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIR4500HG	ENSG00000228824.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA							
COL4A2	ENSG00000134871.17					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-527N12.2	ENSG00000273550.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC00411	ENSG00000229599.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
HTR2A	ENSG00000102468.10					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LPAR6	ENSG00000139679.15					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00545	ENSG00000236094.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-307O13.1	ENSG00000261728.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
KCTD12	ENSG00000178695.5					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00448	ENSG00000228669.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC01050	ENSG00000271216.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
PCOTH	ENSG00000205861.11					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00550	ENSG00000281778.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00441	ENSG00000231473.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
PHF11	ENSG00000136147.17					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
STARD13	ENSG00000133121.20					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
UBE2L5P	ENSG00000236444.4					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
FBXL3	ENSG00000005812.10					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
ATP5EP2	ENSG00000180389.6					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
MZT1	ENSG00000204899.5					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
PDX1	ENSG00000139515.5					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
GPR183	ENSG00000169508.6					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
TNFSF13B	ENSG00000102524.11					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
UTP14C	ENSG00000253797.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00445	ENSG00000236036.1					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00359	ENSG00000243300.2					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-394A14.2	ENSG00000219926.10					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
KDELC1	ENSG00000134901.12					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
KPNA3	ENSG00000102753.9					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
N4BP2L1	ENSG00000139597.17					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
TFDP1	ENSG00000198176.12					NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
GJA3	ENSG00000121743.3					NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
LRCH1	ENSG00000136141.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RAB20	ENSG00000139832.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC00358	ENSG00000229578.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CHAMP1	ENSG00000198824.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-442J21.2	ENSG00000276527.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CYSLTR2	ENSG00000152207.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RNF17	ENSG00000132972.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC00371	ENSG00000226792.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NBEA	ENSG00000172915.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LCP1	ENSG00000136167.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HSPH1	ENSG00000120694.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C14orf105	ENSG00000100557.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FNTB	ENSG00000257365.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MEG3	ENSG00000214548.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IFI27	ENSG00000165949.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FRMD6	ENSG00000139926.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PRIMA1	ENSG00000175785.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-982M15.7	ENSG00000258736.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-219E7.3	ENSG00000259130.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-129M6.1	ENSG00000251363.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2298J14.2	ENSG00000258636.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-84C10.2	ENSG00000136315.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC00644	ENSG00000259142.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCNK	ENSG00000090061.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC00677	ENSG00000259717.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
OR4Q3	ENSG00000182652.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-944C7.1	ENSG00000258792.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TMEM30B	ENSG00000182107.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-725G5.2	ENSG00000258630.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ADAM20	ENSG00000134007.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PPP1R3E	ENSG00000235194.8					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-293M10.1	ENSG00000258740.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNASE11	ENSG00000173464.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2506J14.1	ENSG00000246084.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00238	ENSG00000196553.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NOP9	ENSG00000196943.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZFP36L1	ENSG00000185650.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AL928768.3	ENSG00000253701.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FITM1	ENSG00000139914.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-111A21.1	ENSG00000258526.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNASE7	ENSG00000165799.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM55B	ENSG00000165782.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DCAF5	ENSG00000139990.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIS18BP1	ENSG00000129534.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-116N8.4	ENSG00000257826.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IRF2BPL	ENSG00000119669.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1078H9.6	ENSG00000259789.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNASE10	ENSG00000182545.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKAP5	ENSG00000179841.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-61O1.1	ENSG00000259097.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-452D21.2	ENSG00000258600.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-99L13.1	ENSG00000258487.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NKX2-8	ENSG00000136327.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-930O11.1	ENSG00000259719.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-566J3.2	ENSG00000258717.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTA1	ENSG00000182979.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-89K22.1	ENSG00000258098.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C14orf39	ENSG00000179008.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FOXN3	ENSG00000053254.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HSP90AA1	ENSG00000080824.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RABGTA	ENSG00000100949.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NFATC4	ENSG00000100968.13					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
MAPK1IP1L	ENSG00000168175.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SGPP1	ENSG00000126821.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-259K15.2	ENSG00000258844.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-151G14.2	ENSG00000283627.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SFTA3	ENSG00000229415.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-753D20.4	ENSG00000259998.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNASE3	ENSG00000169397.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PTCSC3	ENSG00000259104.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-260G13.1	ENSG00000258107.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINA3	ENSG00000196136.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NOVA1	ENSG00000139910.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TRMT5	ENSG00000126814.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-356O9.1	ENSG00000258414.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01148	ENSG00000258804.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TINF2	ENSG00000092330.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNASE6	ENSG00000169413.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZFYVE21	ENSG00000100711.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TIMM9	ENSG00000100575.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GZMB	ENSG00000100453.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-526N18.1	ENSG00000258416.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPAS3	ENSG00000151322.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FSCB	ENSG00000189139.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-187E13.1	ENSG00000258474.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SUPT16H	ENSG00000092201.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KCNK13	ENSG00000152315.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C14orf80	ENSG00000185347.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RAD51B	ENSG00000182185.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR6S1	ENSG00000181803.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLHDC2	ENSG00000165516.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TOMM20L	ENSG00000196860.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-718G2.5	ENSG00000259033.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NAA30	NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000139977.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
EXOC5	ENSG00000070367.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
PLEK2	ENSG00000100558.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
LINC00523	ENSG00000196273.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
HIF1A	ENSG00000100644.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
ABHD4	ENSG00000100439.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
LINC01297	ENSG00000274827.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
TMED10	ENSG00000170348.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
GOLGA5	ENSG00000066455.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
PRKD1	ENSG00000184304.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
DIO2	ENSG00000211448.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
DLGAP5	ENSG00000126787.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
RP11-1070N10.5	ENSG00000258927.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
BRMS1L	ENSG00000100916.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
SOCS4	ENSG00000180008.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
YY1	ENSG00000100811.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
AL132796.1	ENSG00000237342.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
LINC00520	ENSG00000258791.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
LINC01629	ENSG00000258602.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
CTD-2007A10.1	ENSG00000258770.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
RP11-736N17.10	ENSG00000278071.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
PGF	ENSG00000119630.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RP11-696D21.2	ENSG00000258943.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
RP11-543C4.3	ENSG00000258672.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
GON7	ENSG00000170270.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
RNASE13	ENSG00000206150.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
ZFYVE1	ENSG00000165861.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
LGMN	ENSG00000100600.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA									
SERPINA10	ENSG00000140093.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
C14orf119	ENSG00000179933.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA								
MED6	ENSG00000133997.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
ZNF219	ENSG00000165804.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SERPINA11	ENSG00000186910.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-8L8.2	ENSG00000259004.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-260M19.2	ENSG00000258913.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL25	ENSG00000166090.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00605	ENSG00000251533.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARF6	ENSG00000165527.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC74A	ENSG00000100565.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FOXG1	ENSG00000176165.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-108M12.3	ENSG00000258592.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPP1R36	ENSG00000165807.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AL161668.5	ENSG00000258604.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CPNE6	ENSG00000100884.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLEC14A	ENSG00000176435.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP6-114E22.1	ENSG00000266869.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP6-65G23.5	ENSG00000275630.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP6-91H8.3	ENSG00000269927.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-753D20.1	ENSG00000258975.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CGRRF1	ENSG00000100532.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01467	ENSG00000258977.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SNW1	ENSG00000100603.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-991C1.1	ENSG00000258933.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM181A	ENSG00000140067.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM30A	ENSG00000226777.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-226P1.2	ENSG00000258718.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C14orf28	ENSG00000179476.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-468E2.5	ENSG00000259321.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EIF5	ENSG00000100664.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP3-514A23.2	ENSG00000258871.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MBIP	ENSG00000151332.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PNN	ENSG00000100941.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
PTGER2	ENSG00000125384.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TM9SF1	ENSG00000100926.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SRP54	ENSG00000100883.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB42	ENSG00000179627.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FRMD6-AS2	ENSG00000258537.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-314P15.2	ENSG00000257986.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
METTL3	ENSG00000165819.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CATSPERB	ENSG00000133962.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IRF9	ENSG00000213928.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WDR89	ENSG00000140006.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FLJ22447	ENSG00000232774.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TCL1A	ENSG00000100721.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MDP1	ENSG00000213920.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC10A1	ENSG00000100652.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDC42BPB	ENSG00000198752.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-454K7.3	ENSG00000260046.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A47	ENSG00000140107.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-26L16.1	ENSG00000258994.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DICER1	ENSG00000100697.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSMC6	ENSG00000100519.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GZMH	ENSG00000100450.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TEX22	ENSG00000226174.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TSSK4	ENSG00000139908.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SEL1L	ENSG00000071537.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2251F13.1	ENSG00000248975.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYH7	ENSG00000092054.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NFKBIA	ENSG00000100906.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-11K13.1	ENSG00000258683.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DIO3	ENSG00000197406.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSMB11	ENSG00000222028.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF212B	ENSG00000215277.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SERPINA6	ENSG00000170099.5	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SIX6	ENSG00000184302.6	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2555C10.3	ENSG00000259230.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-384J4.2	ENSG00000258081.3	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-488C13.5	ENSG00000258301.3	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SLC25A21	ENSG00000183032.11	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MRPL52	ENSG00000172590.18	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HIF1A-AS1	ENSG00000258777.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-731F5.2	ENSG00000253364.2	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SERPINA12	ENSG00000165953.9	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
EIF2S1	ENSG00000134001.12	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC00521	ENSG00000175699.14	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RTN1	ENSG00000139970.16	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2540L5.6	ENSG00000245466.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-96D24.1	ENSG00000259072.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CALM1	ENSG00000198668.10	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MYH6	ENSG00000197616.11	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ADAM21	ENSG00000139985.6	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-7F17.5	ENSG00000246548.3	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-313C4.1	ENSG00000259149.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-187O7.3	ENSG00000259124.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KIAA0586	ENSG00000100578.14	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FBXO33	ENSG00000165355.7	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NDRG2	ENSG00000165795.23	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FKBP3	ENSG00000100442.10	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC00639	ENSG00000259070.5	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
HSPA2	ENSG00000126803.9	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
GSC	ENSG00000133937.4	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PAX9	ENSG00000198807.12	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LINC00911	ENSG00000259107.1	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
JAG2	ENSG00000184916.8	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA								
AE000662.93		ENSG00000259054.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-966I7.3		ENSG00000257748.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
HOMEZ	ENSG00000215271.7		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
PRMT5	ENSG00000100462.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
DYNC1H1	ENSG00000197102.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PABPN1	ENSG00000100836.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
VRTN	ENSG00000133980.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
CTD-2302E22.6		ENSG00000274015.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SERPINA5	ENSG00000188488.13		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CTD-2568P8.1		ENSG00000258556.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-99L13.2		ENSG00000259126.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-219E7.4		ENSG00000258918.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-596C23.2		ENSG00000278002.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
AL163953.2	ENSG00000225680.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PROX2	ENSG00000119608.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
CTD-2384A14.1		ENSG00000258038.5				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RBM25	ENSG00000119707.13		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
SPTSSA	ENSG00000165389.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
TCL1B	ENSG00000213231.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
DCAF11	ENSG00000100897.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
FLRT2	ENSG00000185070.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
YLPM1	ENSG00000119596.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
AE000662.92		ENSG00000259003.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SNHG23	ENSG00000225746.9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
OXA1L	ENSG00000155463.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA								
RP1-292L20.3		ENSG00000274818.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP6-91H8.2	ENSG00000259907.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PRPF39	ENSG00000185246.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
PAPOLA	ENSG00000090060.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-146E13.4		ENSG00000277128.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC00239	ENSG00000258512.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-1079H9.1	ENSG00000258912.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3035D6.2	ENSG00000258884.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRKCH	ENSG0000027075.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VIPAS39	ENSG00000151445.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR4K1	ENSG00000155249.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP5M1	ENSG00000053770.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C14orf1	ENSG00000133935.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FOXA1	ENSG00000129514.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-353P15.1	ENSG00000258532.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTSG	ENSG00000100448.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ATL1	ENSG00000198513.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1070N10.7	ENSG00000270038.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NUBPL	ENSG00000151413.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NGDN	ENSG00000129460.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-982M15.8	ENSG00000260792.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-325D8.1	ENSG00000259028.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIA2	ENSG00000150526.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SALRNA1	ENSG00000258952.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEC23A	ENSG00000100934.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPP4R3A	ENSG00000100796.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TPPP2	ENSG00000179636.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM9	ENSG00000100505.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2207P18.2	ENSG00000258976.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARHGAP5	ENSG00000100852.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
JPH4	ENSG00000092051.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-624J12.1	ENSG00000258803.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EXOC3L4	ENSG00000205436.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CMA1	ENSG00000092009.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GMPR2	ENSG00000100938.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TTC8	ENSG00000165533.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BTBD7	ENSG00000011114.14					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
TMEM253	ENSG00000232070.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MMP14	ENSG00000157227.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-255G12.2	ENSG00000258942.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC7A7	ENSG00000155465.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2134A5.4	ENSG00000258534.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2128A3.2	ENSG00000258902.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EDDM3A	ENSG00000181562.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDCA4	ENSG00000170779.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-356O9.2	ENSG00000259087.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2509G16.5	ENSG00000258760.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01146	ENSG00000258867.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRP10	ENSG00000197324.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POTEM	ENSG00000222036.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSME1	ENSG00000092010.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SERPINA4	ENSG00000100665.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SERPINA9	ENSG00000170054.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-862G15.1	ENSG00000258742.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COX8C	ENSG00000187581.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
REC8	ENSG00000100918.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POTEG	ENSG00000187537.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR5AU1	ENSG00000169327.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RD3L	ENSG00000227729.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
METTLL17	ENSG00000165792.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1000B6.5	ENSG00000244952.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-932O9.10	ENSG00000269974.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-403B2.7	ENSG00000260409.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIF23	ENSG00000137807.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-8P11.4	ENSG00000276807.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EDC3	ENSG00000179151.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C15orf48	ENSG00000166920.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHP1	ENSG00000187446.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-327J17.8	ENSG00000278146.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LTK	ENSG00000062524.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-475A13.1	ENSG00000259737.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-759A24.3	ENSG00000275443.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2034I4.2	ENSG00000259594.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WDR72	ENSG00000166415.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TMEM62	ENSG00000137842.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-323I15.5	ENSG00000259336.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTXN2	ENSG00000233932.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SNURF	ENSG00000273173.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-1069G10.2	ENSG00000259727.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-227D13.1	ENSG00000259705.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01581	ENSG00000259724.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-209K10.2	ENSG00000259203.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCAT29	ENSG00000259641.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-34F13.2	ENSG00000245719.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ISLR2	ENSG00000167178.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRRK1	ENSG00000154237.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC009878.2	ENSG00000235160.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01582	ENSG00000259611.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PWRN4	ENSG00000260232.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-1007O24.3	ENSG00000261423.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CPLX3	ENSG00000213578.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-128A17.2	ENSG00000274444.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-143J24.1	ENSG00000259647.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WDR76	ENSG00000092470.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EID1	ENSG00000255302.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-162I7.1	ENSG00000259284.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-461F11.3	ENSG00000259582.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00929	ENSG00000259150.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-295H24.4	ENSG00000275580.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
GOLGA6C	ENSG00000167195.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MFAP1	ENSG00000140259.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FEM1B	ENSG00000169018.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-343B18.2	ENSG00000259676.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-255M2.3	ENSG00000277654.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC007950.2	ENSG00000276651.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYO9A	ENSG00000066933.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NR2F2	ENSG00000185551.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C2CD4B	ENSG00000205502.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ACAN	ENSG00000157766.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WDR61	ENSG00000140395.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PWRN2	ENSG00000260551.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-522B15.3	ENSG00000259275.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PML	ENSG00000140464.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-11H9.2	ENSG00000280724.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LEO1	ENSG00000166477.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01580	ENSG00000258785.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-14C10.5	ENSG00000273585.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MEIS2	ENSG00000134138.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CSPG4	ENSG00000173546.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMC3	ENSG00000188869.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC026150.8	ENSG00000260693.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLGA8M	ENSG00000261480.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-14C10.6	ENSG00000277210.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2184D3.3	ENSG00000259178.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTDSP12	ENSG00000137770.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SNX33	ENSG00000173548.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LDHAL6B	ENSG00000171989.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-763K15.1	ENSG00000259170.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02207	ENSG00000258476.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLTM	ENSG00000137776.16					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
GOLGA8J	ENSG00000179938.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-164C12.2	ENSG00000258909.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-720L8.1	ENSG00000259434.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2240J17.1	ENSG00000259372.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLGA8F	ENSG00000153684.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-209E8.1	ENSG00000259237.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PAQR5	ENSG00000137819.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DKFZP434L187	ENSG00000225930.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CRAT37	ENSG00000258551.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHD2	ENSG00000173575.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MEX3B	ENSG00000183496.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1008C21.1	ENSG00000259225.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-398J10.2	ENSG00000258489.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUT	ENSG00000128951.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02204	ENSG00000280639.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
USP3	ENSG00000140455.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-307C19.2	ENSG00000259420.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-323F24.3	ENSG00000276524.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ISLR	ENSG00000129009.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-236L14.2	ENSG00000273771.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-259A24.1	ENSG00000259530.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DPH6	ENSG00000134146.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-114H24.7	ENSG00000261244.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-522B15.7	ENSG00000259534.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BLOC1S6	ENSG00000104164.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00052	ENSG00000259527.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF280D	ENSG00000137871.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-107D24.2	ENSG00000261598.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-509A17.3	ENSG00000258654.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-627D16.1	ENSG00000259255.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-382A20.3	ENSG00000166503.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
HDDC3	ENSG00000184508.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC30A4	ENSG00000104154.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2306A12.1	ENSG00000273972.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MEF2A	ENSG00000068305.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AAGAB	ENSG00000103591.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2544M6.1	ENSG00000259199.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02157	ENSG00000259763.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPATA8	ENSG00000185594.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-255M2.2	ENSG00000258773.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01491	ENSG00000259572.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYEF2	ENSG00000104177.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2240J17.2	ENSG00000278029.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL4	ENSG00000174444.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC24A1	ENSG00000074621.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FGF7	ENSG00000140285.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF592	ENSG00000166716.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SNX22	ENSG00000157734.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NIPAZ	ENSG00000140157.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-276M12.1	ENSG00000259445.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2311M21.4	ENSG00000274937.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCTL	ENSG00000188501.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2515H24.2	ENSG00000276772.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-294C11.3	ENSG00000279408.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ISG20	ENSG00000172183.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-685G9.4	ENSG00000270036.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-499F3.1	ENSG00000259610.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00923	ENSG00000251209.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BAHD1	ENSG00000140320.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ITPKA	ENSG00000137825.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00593	ENSG00000259703.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BNC1	ENSG00000169594.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
ACTC1	ENSG00000159251.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPESP1	ENSG00000258484.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00927	ENSG00000259361.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TP53BP1	ENSG00000067369.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP1A2	ENSG00000140505.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UBR1	ENSG00000159459.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KNL1	ENSG00000137812.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-1006G14.2	ENSG00000259783.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SALRNA2	ENSG00000280515.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARHGAP11B	ENSG00000187951.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-327J17.2	ENSG00000259359.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYP19A1	ENSG00000137869.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-275I4.2	ENSG00000259747.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRC1	ENSG00000198901.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-753A21.2	ENSG00000259870.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-66B24.1	ENSG00000259604.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NUTM1	ENSG00000184507.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC007950.1	ENSG00000259268.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MGA	ENSG00000174197.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SIN3A	ENSG00000169375.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
UBE3A	ENSG00000114062.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PLEKH02	ENSG00000241839.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IDH2	ENSG00000182054.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-266O8.1	ENSG00000257060.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIR9-3HG	ENSG00000255571.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KATNB1	ENSG00000134152.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NTRK3-AS1	ENSG00000260305.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DRAIC	ENSG00000245750.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-507B12.1	ENSG00000259675.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SH3GL3	ENSG00000140600.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANPEP	ENSG00000166825.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
AQP9	ENSG00000103569.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FBN1	ENSG00000166147.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-108K3.1	ENSG00000259240.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TGM5	ENSG00000104055.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CASC4	ENSG00000166734.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GCHFR	ENSG00000137880.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IREB2	ENSG00000136381.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-255M2.1	ENSG00000258433.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-624L4.1	ENSG00000259345.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-299H22.1	ENSG00000259697.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HACD3	ENSG00000074696.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GOLGA6L2	ENSG00000174450.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-605F22.2	ENSG00000259235.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RORA	ENSG00000069667.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FSD2	ENSG00000186628.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-76E17.4	ENSG00000258831.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C15orf54	ENSG00000175746.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DUOXA2	ENSG00000140274.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-350A1.2	ENSG00000260959.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC12A1	ENSG00000074803.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-20G13.1	ENSG00000259341.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CYFIP1	ENSG00000273749.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MNS1	ENSG00000138587.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BLM	ENSG00000197299.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-32B5.7	ENSG00000247765.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TYRO3	ENSG00000092445.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
C15orf59	ENSG00000205363.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TBC1D21	ENSG00000167139.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FAM103A1	ENSG00000169612.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01583	ENSG00000259518.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01413	ENSG00000260172.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-24M17.6	ENSG00000261043.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-424I19.2	ENSG00000259182.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PARP6	ENSG00000137817.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-809H16.5	ENSG00000259222.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APBA2	ENSG00000034053.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLCO3A1	ENSG00000176463.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCDC33	ENSG00000140481.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TTBK2	ENSG00000128881.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PATL2	ENSG00000229474.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INO80	ENSG00000128908.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SQRDL	ENSG00000137767.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLGA8Q	ENSG00000178115.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NTRK3	ENSG00000140538.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-463I20.2	ENSG00000259587.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TM6SF1	ENSG00000136404.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIGD2B	ENSG00000175202.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-499F3.2	ENSG00000259692.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PARP16	ENSG00000138617.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DET1	ENSG00000140543.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC140725.4	ENSG00000259553.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LPCAT4	ENSG00000176454.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC124997.1	ENSG00000235731.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2536I1.3	ENSG00000273923.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-2C7.1	ENSG00000259011.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-294C11.1	ENSG00000182974.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZSCAN2	ENSG00000176371.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EMC4	ENSG00000128463.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-299H22.6	ENSG00000261296.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01852	ENSG00000236914.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
USP50	ENSG00000170236.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-265N7.1	ENSG00000259450.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
ASB7	ENSG00000183475.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-326N17.2	ENSG00000274281.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-183E24.2	ENSG00000259320.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-580I1.1	ENSG00000260780.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C15orf32	ENSG00000183643.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GOLGA6L7P	ENSG00000261649.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2008A1.3	ENSG00000276121.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PHGR1	ENSG00000233041.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPG11	ENSG00000104133.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-610I1.1	ENSG00000275016.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM87A	ENSG00000103978.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TGM7	ENSG00000159495.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-108K3.2	ENSG00000259306.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-182J1.13	ENSG00000259774.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01169	ENSG00000259471.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FBXL22	ENSG00000197361.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC12A6	ENSG00000140199.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-326N17.1	ENSG00000259731.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-133K1.6	ENSG00000259198.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHRNA4	ENSG00000117971.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GABRA5	ENSG00000186297.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-38G5.4	ENSG00000261229.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLPX	ENSG00000166855.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NDUFAB1	ENSG00000004779.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2012K14.6	ENSG00000261386.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TSR3	ENSG00000007520.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CALB2	ENSG00000172137.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF319	ENSG00000166188.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NOL3	ENSG00000140939.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CORO1A	ENSG00000102879.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNAJA2	ENSG00000069345.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-434E6.4	ENSG00000277559.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM170A	ENSG00000166822.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZCCHC14	ENSG00000140948.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
U91319.1	ENSG00000262801.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHST6	ENSG00000183196.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-260009.1	ENSG00000187185.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-58A18.1	ENSG00000261161.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NUTF2	ENSG00000102898.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MTRNR2L4	ENSG00000232196.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02180	ENSG00000261749.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-150D5.2	ENSG00000260983.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C16orf86	ENSG00000159761.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP4-536B24.3	ENSG00000260177.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02190	ENSG00000261475.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IRX3	ENSG00000177508.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FBXL16	ENSG00000127585.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IL27	ENSG00000197272.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PARN	ENSG00000140694.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRRM2	ENSG00000167978.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STUB1	ENSG00000103266.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KATNB1	ENSG00000140854.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3032H12.2	ENSG00000259711.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-418I22.2	ENSG00000260071.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PHKG2	ENSG00000156873.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BFAR	ENSG00000103429.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-65J21.4	ENSG00000263257.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM234A	ENSG00000167930.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC140912.1	ENSG00000261227.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-513N24.1	ENSG00000260695.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUXB	ENSG00000282757.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF267	ENSG00000185947.14					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
CMTM4	ENSG00000183723.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF821	ENSG00000102984.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-346C20.4	ENSG00000272250.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-252A24.3	ENSG00000261079.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CMIP	ENSG00000153815.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CIAPIN1	ENSG00000005194.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ORC6	ENSG00000091651.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HBA2	ENSG00000188536.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNASE1L2	ENSG00000167968.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-899L11.1	ENSG00000261095.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATP6V0C	ENSG00000185883.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR3180-1	ENSG00000258354.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C16orf58	ENSG00000140688.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP10	ENSG00000103194.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-193M12.5	ENSG00000280206.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ITPRIPL2	ENSG00000205730.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-26L20.4	ENSG00000263207.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC9A5	ENSG00000135740.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-505K9.4	ENSG00000260300.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTRB1	ENSG00000168925.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MT1H	ENSG00000205358.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CNEP1R1	ENSG00000205423.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IRX5	ENSG00000176842.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
METTL9	ENSG00000197006.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HS3ST6	ENSG00000162040.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACSM2A	ENSG00000183747.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-346C20.3	ENSG00000271009.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ABCC1	ENSG00000103222.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LA16c-380H5.3	ENSG00000270168.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPATA2L	ENSG00000158792.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-626G11.6	ENSG00000278389.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-2L4.1	ENSG00000261176.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CBFB	ENSG0000067955.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RSL1D1	ENSG00000171490.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-616M22.7	ENSG00000260710.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CASC16	ENSG00000249231.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-356C4.5	ENSG00000261172.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PDILT	ENSG00000169340.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02169	ENSG00000259517.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNAH3	ENSG00000158486.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C16orf72	ENSG00000182831.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-58A18.2	ENSG00000274478.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF598	ENSG00000167962.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TNFRSF12A	ENSG00000006327.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCL17	ENSG00000102970.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-44F14.2	ENSG00000261804.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FUK	ENSG00000157353.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BEAN1	ENSG00000166546.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HYDIN	ENSG00000157423.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRM1	ENSG00000175646.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GLG1	ENSG00000090863.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VAC14	ENSG00000103043.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-142G1.1	ENSG00000260478.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01572	ENSG00000261008.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TERB1	ENSG00000249961.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-514D23.3	ENSG00000270058.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRSS41	ENSG00000215148.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XPO6	ENSG00000169180.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DDX28	ENSG00000182810.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRR25	ENSG00000167945.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
USB1	ENSG00000103005.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZG16	ENSG00000174992.7					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
C16orf47	ENSG00000197445.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-46D6.1	ENSG00000261512.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-488I20.8	ENSG00000260958.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PYCARD	ENSG00000103490.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02195	ENSG00000236481.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NOMO1	ENSG00000103512.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-189E14.3	ENSG00000263110.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZSCAN32	ENSG00000140987.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIAA0430	ENSG00000166783.21				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OGFOD1	ENSG00000087263.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-437L7.1	ENSG00000260850.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HSF4	ENSG00000102878.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01566	ENSG00000259841.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HBA1	ENSG00000206172.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ITFG1	ENSG00000129636.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FA2H	ENSG00000103089.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANKRD11	ENSG00000167522.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MT1B	ENSG00000169688.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-457D20.2	ENSG00000278499.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-805I24.3	ENSG00000268505.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ERN2	ENSG00000134398.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIR193BHG	ENSG00000262454.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MMP25	ENSG00000008516.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NTHL1	ENSG00000065057.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYLPF	ENSG00000180209.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2520I13.1	ENSG00000261260.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC009120.5	ENSG00000260884.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OR2C1	ENSG00000168158.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-490B18.5	ENSG00000276408.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02191	ENSG00000261636.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRM2	ENSG00000122304.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
AHSP	ENSG00000169877.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ACD	ENSG00000102977.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CTC-527H23.3	ENSG00000260052.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ACSM2B	ENSG00000066813.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ATP6V0D1	ENSG00000159720.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCL22	ENSG00000102962.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
DRC7	ENSG00000159625.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PKD1L3	ENSG00000277481.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DNAJA3	ENSG00000103423.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZDHHC7	ENSG00000153786.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TPSG1	ENSG00000116176.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SYNGR3	ENSG00000127561.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-418I22.3	ENSG00000283003.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PALB2	ENSG00000083093.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
UMOD	ENSG00000169344.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CES2	ENSG00000172831.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
N4BP1	ENSG00000102921.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
E4F1	ENSG00000167967.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-439I14.2	ENSG00000259859.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-134D3.2	ENSG00000261363.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ITGAL	ENSG00000005844.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01568	ENSG00000258779.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-158I3.3	ENSG00000269826.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FOXC2	ENSG00000176692.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZFH3	ENSG00000140836.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KIFC3	ENSG00000140859.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-626G11.4	ENSG00000260430.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EXOC3L1	ENSG00000179044.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CD19	ENSG00000177455.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-212I21.4	ENSG00000261997.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MTSS1L	ENSG00000132613.14					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
UBALD1	ENSG00000153443.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRSS53	ENSG00000151006.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ECI1	ENSG00000167969.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TOX3	ENSG00000103460.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-1212A22.4	ENSG00000233024.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MKL2	ENSG00000186260.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02189	ENSG00000260026.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GABARAPL2	ENSG00000034713.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GP2	ENSG00000169347.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02181	ENSG00000232190.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-143N13.2	ENSG00000260201.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KIAA0556	ENSG00000047578.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2034I21.1	ENSG00000260042.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLL2	ENSG00000102934.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
METTL26	ENSG00000130731.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00922	ENSG00000261742.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRG5	ENSG00000159618.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRPS34	ENSG00000074071.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDF	ENSG00000258429.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-960L18.1	ENSG00000261218.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-586K12.10	ENSG00000260311.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TUBB3	ENSG00000258947.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-21B23.3	ENSG00000260573.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-426C22.8	ENSG00000277999.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-305A4.3	ENSG00000261751.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-56L13.1	ENSG00000260402.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDH16	ENSG00000166589.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ST3GAL2	ENSG00000157350.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM57B	ENSG00000149926.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02152	ENSG00000261319.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PDPK1	ENSG00000140992.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
LINC02165	ENSG00000261014.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-70D24.3	ENSG00000277214.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM173A	ENSG00000103254.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-276F8.1	ENSG00000276564.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCAT	ENSG00000213398.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-80F22.15	ENSG00000260857.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-356C4.3	ENSG00000260507.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SYT17	ENSG00000103528.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRR35	ENSG00000161992.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADGRG1	ENSG00000205336.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-368L12.1	ENSG00000260658.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLN3	ENSG00000188603.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM219	ENSG00000149932.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-989E6.3	ENSG00000214614.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPIPB15	ENSG00000196436.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DDX19B	ENSG00000157349.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM265	ENSG00000281991.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BCKDK	ENSG00000103507.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C16orf91	ENSG00000174109.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01081	ENSG00000268754.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RBBP6	ENSG00000122257.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-80F22.4	ENSG00000261445.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MVP	ENSG00000013364.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-44F14.8	ENSG00000262714.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FENDRR	ENSG00000268388.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FBRS	ENSG00000156860.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DDX19A	ENSG00000168872.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBFD1	ENSG00000103353.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C16orf52	ENSG00000185716.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-715J22.4	ENSG00000260874.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MT4	ENSG00000102891.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
SLC6A2	ENSG00000103546.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CASC22	ENSG00000260887.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSD17B2	ENSG00000086696.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
JPH3	ENSG00000154118.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP7	ENSG00000187555.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2547G23.4	ENSG00000274925.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NFAT5	ENSG00000102908.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TVP23A	ENSG00000166676.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NPIPB11	ENSG00000254206.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRR14	ENSG00000156858.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C16orf82	ENSG00000234186.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPN	ENSG00000197471.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHD9	ENSG00000177200.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FHOD1	ENSG00000135723.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RABEP2	ENSG00000177548.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-467J12.4	ENSG00000277639.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDYL2	ENSG00000166446.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBL3	ENSG00000183751.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLEC16A	ENSG00000038532.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02188	ENSG00000261175.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF785	ENSG00000197162.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC009120.4	ENSG00000261404.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-297L17.2	ENSG00000260963.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00917	ENSG00000168367.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-805I24.1	ENSG00000261177.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRDM7	ENSG00000126856.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BANP	ENSG00000172530.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF688	ENSG00000229809.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC2194	ENSG00000260264.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ITGAX	ENSG00000140678.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01290	ENSG00000260468.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP11-345J4.3		ENSG00000258150.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-410D17.2		ENSG00000245768.6				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADGRG3		ENSG00000182885.16				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF423		ENSG00000102935.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYB5B	ENSG00000103018.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CACNG3		ENSG00000006116.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP4-536B24.4		ENSG00000260498.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BCO1	ENSG00000135697.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01229		ENSG00000260876.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SALL1	ENSG00000103449.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LA16c-385E7.1		ENSG00000260646.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYLD	ENSG00000083799.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SOX8	ENSG00000005513.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
THAP11		ENSG00000168286.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-363E6.2		ENSG00000259925.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MT3	ENSG00000087250.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-616M22.11		ENSG00000273551.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-77H9.8		ENSG00000260979.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-355E10.1		ENSG00000260041.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM157C		ENSG00000260528.4				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LCMT1	ENSG00000205629.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C16orf87		ENSG00000155330.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ABCC11		ENSG00000121270.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPW	ENSG00000183971.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GSE1	ENSG00000131149.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-542M13.2		ENSG00000269667.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DOC2A	ENSG00000149927.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-53L24.1		ENSG00000259817.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02164		ENSG00000261811.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NPIP5		ENSG00000243716.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TEPP	ENSG00000159648.11					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-95P2.3		ENSG00000263105.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TIGD7	ENSG00000140993.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
METR	ENSG00000103260.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
IL4R	ENSG00000077238.13		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-467L24.1		ENSG00000259846.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DCTPP1		ENSG00000179958.8				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-63M22.1		ENSG00000260558.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM208		ENSG00000168701.18				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DYNLRB2		ENSG00000168589.14				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MMP15	ENSG00000102996.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01082		ENSG00000269186.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLA2G10		ENSG00000069764.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRKCB	ENSG00000166501.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-212I21.5		ENSG00000274508.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FOXF1	ENSG00000103241.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PSMB10		ENSG00000205220.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DPEP3	ENSG00000141096.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CAPNS2		ENSG00000256812.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DHX38	ENSG00000140829.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AGRP	ENSG00000159723.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SCNN1B		ENSG00000168447.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF629		ENSG00000102870.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCTD19		ENSG00000168676.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-297L17.4		ENSG00000261261.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHST4	ENSG00000140835.9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC02126		ENSG00000259847.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-31N19.5		ENSG00000273956.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TNRC6A		ENSG00000090905.18				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02140		ENSG00000261803.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDH13	ENSG00000140945.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTD-2358C21.5		ENSG00000276867.1				NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
PSKH1	ENSG00000159792.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NPIPA3	ENSG00000224712.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZDHHC1	ENSG00000159714.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC12A3	ENSG00000070915.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZSCAN10	ENSG00000130182.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BAIAP2-AS1	ENSG00000226137.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBC1D3H	ENSG00000274226.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C17orf112	ENSG00000227011.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TOB1	ENSG00000141232.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KLHL11	ENSG00000178502.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBX4	ENSG00000121075.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-138I1.3	ENSG00000266651.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGALS3BP	ENSG00000108679.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIF4GD	ENSG00000125457.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP4-6	ENSG00000198090.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TP53I13	ENSG00000167543.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACLY	ENSG00000131473.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
GAS7	ENSG00000007237.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
HEXIM2	ENSG00000168517.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF750	ENSG00000141579.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ALOXE3	ENSG00000179148.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ERAL1	ENSG00000132591.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARMC7	ENSG00000125449.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TNS4	ENSG00000131746.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RPL23A	ENSG00000198242.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CNTD1	ENSG00000176563.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
IFT20	ENSG00000109083.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CCL5	ENSG00000271503.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01483	ENSG00000227517.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02097	ENSG00000226101.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MBTD1	ENSG00000011258.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CTC-296K1.4		ENSG00000267405.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-334C17.6		ENSG00000275479.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC46A1		ENSG00000076351.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PPM1E		ENSG00000175175.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
H3F3B		ENSG00000132475.10				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-159D12.11		ENSG00000278642.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DLX3		ENSG00000064195.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTC-297N7.1		ENSG00000261433.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIR2117HG		ENSG00000267151.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRTAP2-3		ENSG00000212724.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C17orf49		ENSG00000258315.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCL4		ENSG00000275302.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC087491.2		ENSG00000214546.3				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GID4		ENSG00000141034.9				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CLTC		ENSG00000141367.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SLC5A10		ENSG00000154025.15				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-227G15.8		ENSG00000266385.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-193H18.3		ENSG00000267653.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRTAP4-9		ENSG00000212722.7				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00482		ENSG00000185168.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-281F24.5		ENSG00000282936.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCL8		ENSG00000108700.4				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
VMP1		ENSG00000062716.12				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FKBP10		ENSG00000141756.18				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYH13		ENSG00000006788.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
WDR81		ENSG00000167716.18				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
WNK4		ENSG00000126562.16				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-434D2.3		ENSG00000267075.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UNC45B		ENSG00000141161.11				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXB7		ENSG00000260027.4				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KCTD11		ENSG00000213859.4				NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
CSF3	ENSG00000108342.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KRT38	ENSG00000171360.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HOXB5	ENSG00000120075.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KRT12	ENSG00000187242.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DNAJC7	ENSG00000168259.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ARHGAP23	ENSG00000275832.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TEX19	ENSG00000182459.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CACNB1	ENSG00000067191.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KRT33A	ENSG00000006059.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RASL10B	ENSG00000270885.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-3194G12.2	ENSG00000275613.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PPP1R27	ENSG00000182676.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SLC16A5	ENSG00000170190.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01975	ENSG00000263312.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KRT32	ENSG00000108759.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FBXL20	ENSG00000108306.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
C17orf51	ENSG00000212719.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SEBOX	ENSG00000274529.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCL1	ENSG00000108702.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01989	ENSG00000261156.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-160E2.6	ENSG00000262202.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NR1D1	ENSG00000126368.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
GGT6	ENSG00000167741.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KIF1C	ENSG00000129250.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-293E1.2	ENSG00000265547.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AIPL1	ENSG00000129221.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CCL11	ENSG00000172156.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PTRF	ENSG00000177469.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AURKB	ENSG00000178999.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DUSP3	ENSG00000108861.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CLEC10A	ENSG00000132514.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
GSG2	ENSG00000177602.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
VMO1	ENSG00000182853.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FNDC8	ENSG00000073598.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KCNJ2	ENSG00000123700.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ATP5H	ENSG00000167863.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CCL23	ENSG00000274736.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FASN	ENSG00000169710.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-13K12.1	ENSG00000267506.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC084809.3	ENSG00000236377.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KRTAP3-2	ENSG00000212900.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NLGN2	ENSG00000169992.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TAF15	ENSG00000270647.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TUSC5	ENSG00000184811.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SREBF1	ENSG00000072310.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PRKAR1A	ENSG00000108946.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC4A1	ENSG00000004939.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HSF5	ENSG00000176160.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FN3K	ENSG00000167363.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IKZF3	ENSG00000161405.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
STAT5B	ENSG00000173757.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RNF157	ENSG00000141576.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ODF4	ENSG00000184650.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TBC1D3K	ENSG00000273513.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-806H10.4	ENSG00000266970.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2319I12.5	ENSG00000267095.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
MED1	ENSG00000125686.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NAT9	ENSG00000109065.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC091199.1	ENSG00000275173.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HOXB1	ENSG00000120094.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SUPT6H	ENSG00000109111.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MPRIP	ENSG00000133030.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	-2	NA								
RAB34	ENSG00000109113.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PSMB6	ENSG00000142507.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KCTD2	ENSG00000180901.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF652	ENSG00000198740.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
POLG2	ENSG00000256525.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FOXN1	ENSG00000109101.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AKAP10	ENSG00000108599.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-848P1.3	ENSG00000265743.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SOCS3	ENSG00000184557.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TMEM105	ENSG00000185332.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-218M11.1	ENSG00000259928.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ETV4	ENSG00000175832.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SPACA3	ENSG00000141316.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SLC25A11	ENSG00000108528.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC01180	ENSG00000266979.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RP11-6N17.2	ENSG00000266821.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GIT1	ENSG00000108262.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MAP2K3	ENSG00000034152.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KRTAP1-5	ENSG00000221852.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
OTOP3	ENSG00000182938.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SPATA32	ENSG00000184361.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CUEDC1	ENSG00000180891.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PHOSPHO1	ENSG00000173868.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PRR11	ENSG00000068489.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
IFI35	ENSG00000068079.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KRT35	ENSG00000197079.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
B4GALNT2	ENSG00000167080.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HOXB9	ENSG00000170689.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LINC00670	ENSG00000179136.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PFN1	ENSG00000108518.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NTN1	ENSG00000065320.8					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
PSME3	ENSG00000131467.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM117A	ENSG00000121104.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLUH	ENSG00000132361.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MYL4	ENSG00000198336.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANKRD13B	ENSG00000198720.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-285E9.6	ENSG00000263718.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CBX8	ENSG00000141570.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC02089	ENSG00000226364.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAI1	ENSG00000108557.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PAFAH1B1	ENSG00000007168.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMURF2	ENSG00000108854.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRAC2	ENSG00000229637.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
POLR2A	ENSG00000181222.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02087	ENSG00000237057.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-798G7.5	ENSG00000131484.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-3193K9.11	ENSG00000273650.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXB13	ENSG00000159184.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-849F2.4	ENSG00000266279.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FO XK2	ENSG00000141568.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
G6PC	ENSG00000131482.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-159D12.10	ENSG00000266290.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
4-Sep	ENSG00000108387.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NUFIP2	ENSG00000108256.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-849N15.4	ENSG00000266667.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
COA3	ENSG00000183978.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP11-85B7.5	ENSG00000273816.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM25	ENSG00000121060.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXB6	ENSG00000108511.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RARA	ENSG00000131759.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANKFN1	ENSG00000153930.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM94	ENSG00000177728.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SECTM1	ENSG00000141574.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TAOK1	ENSG00000160551.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KAT7	ENSG00000136504.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SRSF2	ENSG00000161547.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-680C21.1	ENSG00000264727.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CSNK1D	ENSG00000141551.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
UNK	ENSG00000132478.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-131K5.2	ENSG00000265494.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
PIGW	ENSG00000277161.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
KCNJ18	ENSG00000260458.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
APPBP2	ENSG00000062725.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
COPZ2	ENSG00000005243.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CTD-2309O5.3	ENSG00000261848.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
C17orf74	ENSG00000184560.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
GCGR	ENSG00000215644.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
SLFN14	ENSG00000236320.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-104H15.12	ENSG00000283439.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-385D13.3	ENSG00000266538.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CCDC43	ENSG00000180329.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CDRT8	ENSG00000265163.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CDC6	ENSG00000094804.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
ST6GALNAC1	ENSG00000070526.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
GP1BA	ENSG00000185245.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CCR10	ENSG00000184451.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
AC061992.2	ENSG00000267737.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
EIF4A1	ENSG00000161960.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RP11-104J23.2	ENSG00000278690.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
NCBP3	ENSG00000074356.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
PPP1R9B	ENSG00000108819.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
KRT10	ENSG00000186395.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
SRCIN1	ENSG00000277363.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
OR1E1	ENSG00000180016.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP4-5	ENSG00000198271.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-218M11.3	ENSG00000263860.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-215E13.2	ENSG00000264990.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACTG1	ENSG00000184009.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF1	ENSG00000173812.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EPOP	ENSG00000273604.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-296K1.3	ENSG00000267505.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GFAP	ENSG00000131095.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PIPOX	ENSG00000179761.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MFAP4	ENSG00000166482.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FLOT2	ENSG00000132589.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARHGDI1	ENSG00000141522.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
METTL23	ENSG00000181038.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005703.3	ENSG00000230971.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCL16	ENSG00000275152.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMCR8	ENSG00000176994.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPS6KB1	ENSG00000108443.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLK	ENSG00000087095.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-87G24.6	ENSG00000267521.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-700H6.2	ENSG00000251665.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF135	ENSG00000181481.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGALS9C	ENSG00000171916.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT36	ENSG00000126337.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01482	ENSG00000267659.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-293E1.1	ENSG00000265964.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MLLT6	ENSG00000275023.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD300LD	ENSG00000204345.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-728E14.3	ENSG00000265043.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2008P7.8	ENSG00000266830.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR3A1	ENSG00000180090.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
ALYREF	ENSG00000183684.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-744K17.1	ENSG00000261020.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-599B13.3	ENSG00000263427.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC16A13	ENSG00000174327.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HOXB4	ENSG00000182742.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLHL10	ENSG00000161594.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HEATR9	ENSG00000270379.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC011193.1	ENSG00000225582.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MMP28	ENSG00000271447.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AARSD1	ENSG00000266967.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FADS6	ENSG00000172782.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBC1D3E	ENSG00000278599.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005304.1	ENSG00000233852.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00511	ENSG00000227036.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01974	ENSG00000262031.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2008P7.9	ENSG00000267259.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARL5C	ENSG00000141748.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EVPLL	ENSG00000214860.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BRCA1	ENSG00000012048.20				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIEN1	ENSG00000141741.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GH2	ENSG00000136487.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-219A15.2	ENSG00000264729.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CNP	ENSG00000173786.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ACADVL	ENSG00000072778.19				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GALR2	ENSG00000182687.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGALS9B	ENSG00000170298.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSPB9	ENSG00000260325.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
METTL2A	ENSG00000087995.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PIK3R5	ENSG00000141506.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2319I12.2	ENSG00000267416.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRTAP4-1	ENSG00000198443.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
COG1	ENSG00000166685.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-118B18.2	ENSG00000267250.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM104A	ENSG00000133193.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM107	ENSG00000179029.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EXOC7	ENSG00000182473.21			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01987	ENSG00000267790.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANAPC11	ENSG00000141552.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRT27	ENSG00000171446.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CYB5D1	ENSG00000182224.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARHGEF15	ENSG00000198844.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UNC13D	ENSG00000092929.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HS3ST3A1	ENSG00000153976.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-433M22.2	ENSG00000264451.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APOH	ENSG00000091583.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NDEL1	ENSG00000166579.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GRAP	ENSG00000154016.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00324	ENSG00000178977.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPNS2	ENSG00000183018.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCDC42	ENSG00000161973.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-388C12.5	ENSG00000263321.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FBXO39	ENSG00000177294.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CCR7	ENSG00000126353.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL38	ENSG00000172809.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2O	ENSG00000175931.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GLOD4	ENSG00000167699.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00868	ENSG00000267535.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ENPP7	ENSG00000182156.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRTAP9-4	ENSG00000241595.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TM4SF5	ENSG00000142484.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-41I6.1	ENSG00000266389.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TOP2A	ENSG00000131747.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
UBE2G1	ENSG00000132388.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC139099.4	ENSG00000262898.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT222	ENSG00000213424.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCL13	ENSG00000181374.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02086	ENSG00000244649.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC25A19	ENSG00000125454.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-3010D24.3	ENSG00000263893.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT20	ENSG00000171431.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLE1	ENSG00000073536.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ICAM2	ENSG00000108622.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP1-1	ENSG00000188581.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC16A11	ENSG00000174326.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM64A	ENSG00000129195.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-686D22.5	ENSG00000267711.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC02095	ENSG00000228639.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC13A2	ENSG00000007216.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRT37	ENSG00000108417.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-686D22.4	ENSG00000267547.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TRIM37	ENSG00000108395.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMARCE1	ENSG00000073584.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-277J6.3	ENSG00000265935.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRSF1	ENSG00000136450.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP9-6	ENSG00000212659.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC02074	ENSG00000266357.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STAT3	ENSG00000168610.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC3C	ENSG00000204913.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPS2	ENSG00000132522.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-60A24.3	ENSG00000265542.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHMP6	ENSG00000176108.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MSI2	ENSG00000153944.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PITPNA	ENSG00000174238.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
DERL2	ENSG00000072849.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C17orf99	ENSG00000187997.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-488L1.1	ENSG00000273098.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WRAP53	ENSG00000141499.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-285M22.3	ENSG00000264262.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TBC1D3I	ENSG00000274933.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
USH1G	ENSG00000182040.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDR2L	ENSG00000109089.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PIK3R6	ENSG00000276231.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C17orf75	ENSG00000108666.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RUNDC3A	ENSG00000108309.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC144831.3	ENSG00000274370.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDK12	ENSG00000167258.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EVI2A	ENSG00000126860.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GAS2L2	ENSG00000270765.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MEOX1	ENSG00000005102.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDC27	ENSG00000004897.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GRAPL	ENSG00000189152.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HIGD1B	ENSG00000131097.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PMP22	ENSG00000109099.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TAC4	ENSG00000176358.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01563	ENSG00000236819.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TLCD1	ENSG00000160606.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-663N22.1	ENSG00000265246.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	-2	NA						
TRIM16	ENSG00000221926.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLSCR3	ENSG00000187838.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DHRS7C	ENSG00000184544.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLDN7	ENSG00000181885.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FZD2	ENSG00000180340.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IGF2BP1	ENSG00000159217.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CACNG4	ENSG00000075461.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MRPS23	ENSG00000181610.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KIF2B	ENSG00000141200.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KRT14	ENSG00000186847.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-304F15.6	ENSG00000254039.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TMEM101	ENSG00000091947.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MED9	ENSG00000141026.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SMG8	ENSG00000167447.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KRTAP9-7	ENSG00000180386.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00974	ENSG00000226629.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MED13	ENSG00000108510.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KIAA0100	ENSG00000007202.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MYOCD	ENSG00000141052.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RASD1	ENSG00000108551.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MPO	ENSG00000005381.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP1-41C23.4	ENSG00000278546.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FAAP100	ENSG00000185504.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DLX4	ENSG00000108813.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUNDC1	ENSG00000198863.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
GPATCH8	ENSG00000186566.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TEKT1	ENSG00000167858.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KIF19	ENSG00000196169.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-849F2.9	ENSG00000269947.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FAM83G	ENSG00000188522.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-227G15.10	ENSG00000274341.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CCL15	ENSG00000275718.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAFG	ENSG00000197063.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RBFOX3	ENSG00000167281.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RNF222	ENSG00000189051.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZBPB2	ENSG00000186075.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NACA2	ENSG00000253506.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-387H17.6	ENSG00000265799.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
SPAG5	ENSG00000076382.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01996	ENSG00000261863.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCYT2	ENSG00000185813.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2008P7.10	ENSG00000267644.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2200P10.1	ENSG00000266826.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ASGR1	ENSG00000141505.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DVL2	ENSG00000004975.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01970	ENSG00000265692.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HOXB8	ENSG00000120068.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-41I6.2	ENSG00000265975.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-304F15.4	ENSG00000248954.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-515E23.1	ENSG00000261873.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SGK494	ENSG00000167524.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TIMP2	ENSG00000035862.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-837J1.4	ENSG00000267457.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FOXJ1	ENSG00000129654.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC005324.7	ENSG00000233193.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C17orf58	ENSG00000186665.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C17orf98	ENSG00000275489.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C17orf47	ENSG00000181013.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NXPH3	ENSG00000182575.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF830	ENSG00000198783.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ALDH3A1	ENSG00000108602.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CA10	ENSG00000154975.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DSC2	ENSG00000134755.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-527H14.1	ENSG00000263821.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ELOA2	ENSG00000206181.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMX3	ENSG00000166479.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-879F14.3	ENSG00000267316.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1151B14.3	ENSG00000267391.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HRH4	ENSG00000134489.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP11-612A1.1	ENSG00000263611.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB7	ENSG00000166396.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TXNDC2	ENSG00000168454.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-64C12.6	ENSG00000267247.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC25A52	ENSG00000141437.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-244M2.1	ENSG00000267374.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ESCO1	ENSG00000141446.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-161I6.2	ENSG00000263745.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
THOC1	ENSG00000079134.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-1030E3.1	ENSG00000267695.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC007948.1	ENSG00000263863.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RNF152	ENSG00000176641.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-739N10.1	ENSG00000264151.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CEP76	ENSG00000101624.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB10	ENSG00000242550.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SIGLEC15	ENSG00000197046.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01927	ENSG00000266312.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NDUFV2	ENSG00000178127.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB11	ENSG00000206072.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-535A5.1	ENSG00000273348.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF521	ENSG00000198795.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB5	ENSG00000206075.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00470	ENSG00000132204.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NOL4	ENSG00000101746.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB12	ENSG00000166634.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
IER3IP1	ENSG00000134049.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC100848.1	ENSG00000236392.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ANKRD62	ENSG00000181626.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MC2R	ENSG00000185231.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-456K23.1	ENSG00000267414.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01916	ENSG00000264232.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA							
CTD-2526M8.2		ENSG00000267726.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RNF138		ENSG00000134758.13				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
C18orf65		ENSG00000275763.3				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-866E20.3		ENSG00000267462.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-154H12.3		ENSG00000267780.2				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-552O4.1		ENSG00000263382.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01254		ENSG00000260913.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
GAPLINC		ENSG00000266835.5				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-883A18.3		ENSG00000265728.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-95O2.1		ENSG00000267651.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC00907		ENSG00000267586.6				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RAX		ENSG00000134438.9				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01882		ENSG00000267654.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
DYM		ENSG00000141627.13				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-128P17.3		ENSG00000267564.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-888D10.3		ENSG00000264964.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-567M16.2		ENSG00000267409.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-1096D5.2		ENSG00000267038.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-26N15.2		ENSG00000264790.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
ME2		ENSG00000082212.12				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-108P20.2		ENSG00000267501.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01925		ENSG00000264265.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01894		ENSG00000264345.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CCDC178		ENSG00000166960.16				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01928		ENSG00000267425.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
SOCS6		ENSG00000170677.5				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-705O1.8		ENSG00000263884.1				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
ROCK1		ENSG00000067900.7				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
LINC01929		ENSG00000267013.5				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
CELF4		ENSG00000101489.19				NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA						
RP11-905K4.1		ENSG00000267627.5				NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB3	ENSG00000057149.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DSG3	ENSG00000134757.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01917	ENSG00000260433.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VPS4B	ENSG00000119541.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-396N11.1	ENSG00000267401.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01906	ENSG00000265786.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-677O4.2	ENSG00000260759.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEH1L	ENSG00000085415.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PIEZO2	ENSG00000154864.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01630	ENSG00000227115.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-157P23.2	ENSG00000261307.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GREB1L	ENSG00000141449.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCF4	ENSG00000196628.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OSBPL1A	ENSG00000141447.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00668	ENSG00000265933.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01415	ENSG00000267325.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-243E13.2	ENSG00000266102.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01541	ENSG00000260676.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MC5R	ENSG00000176136.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C18orf32	ENSG00000177576.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C18orf21	ENSG00000141428.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-669I1.1	ENSG00000260569.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GATA6-AS1	ENSG00000266010.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-813F20.2	ENSG00000267674.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01255	ENSG00000267252.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-126O1.6	ENSG00000275418.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-138E9.2	ENSG00000264876.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL17	ENSG00000265681.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MEX3C	ENSG00000176624.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-61L19.2	ENSG00000273335.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01898	ENSG00000261194.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
DYNAP	ENSG00000178690.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CNDP1	ENSG00000150656.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GATA6	ENSG00000141448.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-64C12.4	ENSG00000267643.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB4	ENSG00000206073.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
L3MBTL4-AS1	ENSG00000264707.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01912	ENSG00000264699.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DSC3	ENSG00000134762.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ALPK2	ENSG00000198796.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POTEC	ENSG00000183206.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01539	ENSG00000267712.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-110H1.8	ENSG00000264464.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADNP2	ENSG00000101544.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-723G8.1	ENSG00000260457.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB2	ENSG00000197632.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00908	ENSG00000263812.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-476K15.1	ENSG00000266602.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-674P19.2	ENSG00000264705.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MBP	ENSG00000197971.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CDH19	ENSG00000071991.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-322E11.2	ENSG00000275512.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MBD1	ENSG00000141644.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RNF165	ENSG00000141622.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TTR	ENSG00000118271.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-685A21.1	ENSG00000267215.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-474N24.6	ENSG00000272799.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01899	ENSG00000265352.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-99A1.2	ENSG00000267311.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2008L17.2	ENSG00000206129.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-456O19.3	ENSG00000267732.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-178F10.2	ENSG00000264695.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
RP11-2N1.3	ENSG00000273664.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AQP4	ENSG00000171885.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2526M8.3	ENSG00000267789.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GTSCR1	ENSG00000263417.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RAB31	ENSG00000168461.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-94B19.6	ENSG00000266743.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-322E11.5	ENSG00000267583.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NETO1	ENSG00000166342.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C18orf63	ENSG00000206043.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-879F14.2	ENSG00000267279.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01887	ENSG00000266604.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01900	ENSG00000265758.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VAPA	ENSG00000101558.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF397	ENSG00000186812.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC-ROR	ENSG00000258609.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SERPINB13	ENSG00000197641.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SMIM21	ENSG00000206026.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-650P15.1	ENSG00000266521.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-672L10.6	ENSG00000273355.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC35G4	ENSG00000236396.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LRRC30	ENSG00000206422.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MEP1B	ENSG00000141434.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-64C12.8	ENSG00000267069.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MBD2	ENSG00000134046.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-321M21.1	ENSG00000266774.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYO5B	ENSG00000167306.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LMAN1	ENSG00000074695.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-419J16.1	ENSG00000265554.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MYL12B	ENSG00000118680.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LOXHD1	ENSG00000167210.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF441	ENSG00000197044.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NLRP11	ENSG00000179873.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KIR2DL3	ENSG00000243772.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RNASEH2A	ENSG00000104889.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KLK1	ENSG00000167748.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IRF2BP1	ENSG00000170604.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CALM3	ENSG00000160014.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
KEAP1	ENSG00000079999.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
SIGLEC8	ENSG00000105366.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TMED1	ENSG00000099203.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
FOXA3	ENSG00000170608.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RAD23A	ENSG00000179262.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TUBB4A	ENSG00000104833.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ZNF791	ENSG00000173875.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PPP1R14A	ENSG00000167641.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTC-525D6.5	ENSG00000267574.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CTD-2050I18.1	ENSG00000267407.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
CTD-3113P16.11	ENSG00000282393.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
KISS1R	ENSG00000116014.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
LILRA5	ENSG00000187116.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
MAST1	ENSG00000105613.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
EPOR	ENSG00000187266.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
PAFAH1B3	ENSG00000079462.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
UBL5	ENSG00000198258.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RFPL4A	ENSG00000223638.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CYP2S1	ENSG00000167600.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
IGFL2-AS1	ENSG00000268621.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CTD-2291D10.3	ENSG00000269543.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA
RAB3A	ENSG00000105649.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CLEC17A	ENSG00000187912.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ALKBH6	ENSG00000239382.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
TIMM29	ENSG00000142444.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

PIAS4	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000105229.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SYCN	ENSG00000179751.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF653	ENSG00000161914.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CTD-2527I21.15	ENSG00000179066.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IGSF23	ENSG00000216588.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC010641.1	ENSG00000267443.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
GGN	ENSG00000179168.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LDLR	ENSG00000130164.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF865	ENSG00000261221.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CLEC11A	ENSG00000105472.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
TOMM40	ENSG00000130204.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ARMC6	ENSG00000105676.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
S1PR5	ENSG00000180739.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HNRNPL	ENSG00000104824.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NR2F6	ENSG00000160113.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF541	ENSG00000118156.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LILRA2	ENSG00000239998.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MKNK2	ENSG00000099875.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC006129.2	ENSG00000268027.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SERTAD3	ENSG00000167565.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BST2	ENSG00000130303.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KLK13	ENSG00000167759.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NLRP8	ENSG00000179709.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MUC16	ENSG00000181143.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BCL3	ENSG00000069399.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RSPH6A	ENSG00000104941.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CEACAM7	ENSG00000007306.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
SARS2	ENSG00000104835.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
FOSB	ENSG00000125740.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PRTN3	ENSG00000196415.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MARK4	ENSG00000007047.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
ADAMTSL5	ENSG00000185761.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DCAF15	ENSG00000132017.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GSK3A	ENSG00000105723.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PTGER1	ENSG00000160951.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IFNL1	ENSG00000182393.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FTL	ENSG00000087086.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANO8	ENSG00000074855.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-246B18.10	ENSG00000269246.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNAJB1	ENSG00000132002.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLK8	ENSG00000129455.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ICAM3	ENSG00000076662.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC007795.1	ENSG00000267617.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM238	ENSG00000233493.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CRB3	ENSG00000130545.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC079466.1	ENSG00000266976.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PIK3R2	ENSG00000105647.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NR2C2AP	ENSG00000184162.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FUT5	ENSG00000130383.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRIN2D	ENSG00000105464.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC39A3	ENSG00000141873.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL11	ENSG00000095752.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC011524.1	ENSG00000267528.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM150B	ENSG00000180061.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LILRA1	ENSG00000104974.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRIK5	ENSG00000105737.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ARHGEF18	ENSG00000104880.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC003973.5	ENSG00000269199.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2291D10.4	ENSG00000267886.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-3131K8.2	ENSG00000269439.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RDH8	ENSG00000080511.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
S1PR4	ENSG00000125910.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RAB3D	ENSG00000105514.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
JUNB	ENSG00000171223.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TSPAN16	ENSG00000130167.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CC2D1A	ENSG00000132024.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
B3GNT3	ENSG00000179913.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF599	ENSG00000153896.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
MAP2K7	ENSG00000076984.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01841	ENSG00000266913.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRG1	ENSG00000171236.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIR2DL4	ENSG00000189013.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTD-2626G11.2	ENSG00000268416.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
OR7D4	ENSG00000174667.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CNOT3	ENSG00000088038.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARHGAP35	ENSG00000160007.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTC-543D15.3	ENSG00000267273.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CCDC151	ENSG00000198003.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ANGPTL8	ENSG00000130173.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF724	ENSG00000196081.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIRREL2	ENSG00000126259.19			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CDC37	ENSG00000105401.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PDCD2L	ENSG00000126249.7			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NLRP7	ENSG00000167634.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF383	ENSG00000188283.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CTC-523E23.1	ENSG00000261754.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DUXA	ENSG00000258873.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CADM4	ENSG00000105767.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CD70	ENSG00000125726.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
CLDND2	ENSG00000160318.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TNNT1	ENSG00000105048.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZNF844	ENSG00000223547.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
AC006272.2	ENSG00000268316.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
AC020956.3	ENSG00000278239.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GALP	ENSG00000197487.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIR3DL1	ENSG00000167633.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GYS1	ENSG00000104812.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CXCL17	ENSG00000189377.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LAIR1	ENSG00000167613.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC44A2	ENSG00000129353.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLRP9	ENSG00000185792.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DAZAP1	ENSG00000071626.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPL13A	ENSG00000142541.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ABHD17A	ENSG00000129968.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C19orf43	ENSG00000123144.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
YIPF2	ENSG00000130733.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-523E23.11	ENSG00000271109.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKT2	ENSG00000105221.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OSCAR	ENSG00000170909.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ONECUT3	ENSG00000205922.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM38A	ENSG00000072954.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01764	ENSG00000267308.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005307.4	ENSG00000267243.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CGB8	ENSG00000213030.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01872	ENSG00000268318.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF563	ENSG00000188868.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF729	ENSG00000196350.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLIN4	ENSG00000167676.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CATSPERD	ENSG00000174898.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PCP2	ENSG00000174788.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC008753.4	ENSG00000269564.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB7A	ENSG00000178951.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPL18A	ENSG00000105640.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC8E	ENSG00000171017.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
PALM	ENSG00000099864.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01766	ENSG00000224910.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PET100	ENSG00000229833.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ACER1	ENSG00000167769.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC006273.4	ENSG00000272473.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LSM4	ENSG00000130520.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CIC	ENSG00000079432.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CEACAM6	ENSG00000086548.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SYCE2	ENSG00000161860.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CEACAM3	ENSG00000170956.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
STXBP2	ENSG00000076944.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTD-2331H12.7	ENSG00000269646.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EHD2	ENSG00000024422.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PSPN	ENSG00000125650.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZNF776	ENSG00000152443.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KLK12	ENSG00000186474.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
SERTAD1	ENSG00000197019.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
COLGALT1	ENSG00000130309.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CBARP	ENSG00000099625.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ADAT3	ENSG00000213638.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
NPAS1	ENSG00000130751.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
VSTM1	ENSG00000189068.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
EPHX3	ENSG00000105131.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TNFAIP8L1	ENSG00000185361.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CYP2F1	ENSG00000197446.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CYP2B6	ENSG00000197408.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
AC008992.1	ENSG00000267636.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZNF587	ENSG00000198466.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TGFBR3L	ENSG00000260001.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
KHSRP	ENSG00000088247.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CIRBP	ENSG00000099622.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
LINC01531	ENSG00000205786.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP4F8	ENSG00000186526.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AF038458.5	ENSG00000267388.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC1A5	ENSG00000105281.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRL1	ENSG00000072071.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEACAM8	ENSG00000124469.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FPR3	ENSG00000187474.4				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF134	ENSG00000213762.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSG5	ENSG00000204941.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTDAP	ENSG00000188508.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRKACA	ENSG00000072062.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SHANK1	ENSG00000161681.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC006116.20	ENSG00000267710.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APOC1	ENSG00000130208.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF878	ENSG00000257446.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-70G10.1	ENSG00000266928.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BCL2L12	ENSG00000126453.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF671	ENSG00000083814.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RAVER1	ENSG00000161847.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2332E11.2	ENSG00000268560.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CRX	ENSG00000105392.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ETFB	ENSG00000105379.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP4F22	ENSG00000171954.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF14	ENSG00000105708.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NTF4	ENSG00000225950.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSG4	ENSG00000243137.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2329C7.2	ENSG00000266985.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC7A10	ENSG00000130876.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF430	ENSG00000118620.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CIB3	ENSG00000141977.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSPBP1	ENSG00000133265.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
LINC01859	ENSG00000261558.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ELAVL3	ENSG00000196361.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LMNB2	ENSG00000176619.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATP1A3	ENSG00000105409.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
STX10	ENSG00000104915.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CAMSAP3	ENSG00000076826.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF444	ENSG00000167685.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IGFL3	ENSG00000188624.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTXN1	ENSG00000178531.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLK15	ENSG00000174562.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF773	ENSG00000152439.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CGB3	ENSG00000104827.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C19orf25	ENSG00000119559.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FSTL3	ENSG00000070404.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
VAV1	ENSG00000141968.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GPR42	ENSG00000126251.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
JUND	ENSG00000130522.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLK3	ENSG00000142515.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FXYD3	ENSG00000089356.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CNN1	ENSG00000130176.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NAPA	ENSG00000105402.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIA	ENSG00000261857.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF526	ENSG00000167625.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WIZ	ENSG00000011451.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF799	ENSG00000196466.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NAPSA	ENSG00000131400.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIR3DL2	ENSG00000240403.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC011516.1	ENSG00000269796.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GMIP	ENSG00000089639.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEACAM16	ENSG00000213892.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLVAP	ENSG00000130300.8					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
PRAM1	ENSG00000133246.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PPP1R15A	ENSG00000087074.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF540	ENSG00000171817.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HRC	ENSG00000130528.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
URI1	ENSG00000105176.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FCAR	ENSG00000186431.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSG9	ENSG00000183668.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF562	ENSG00000171466.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CD22	ENSG00000012124.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLK9	ENSG00000213022.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2537I9.19	ENSG00000283567.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LRFN3	ENSG00000126243.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF560	ENSG00000198028.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-301O7.4	ENSG00000197813.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
QTRT1	ENSG00000213339.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SSBP4	ENSG00000130511.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005616.2	ENSG00000267423.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01595	ENSG00000259108.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC002511.3	ENSG00000232680.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC006129.1	ENSG00000268355.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF583	ENSG00000198440.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF350	ENSG00000256683.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TBXA2R	ENSG00000006638.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RASAL3	ENSG00000105122.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRRG2	ENSG00000126460.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-523E23.5	ENSG00000269086.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTB-50L17.16	ENSG00000267011.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF805	ENSG00000204524.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KIR2DL1	ENSG00000125498.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TPRX1	ENSG00000178928.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM205	ENSG00000105518.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
DNM2	ENSG00000079805.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC002511.2	ENSG00000233214.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM190	ENSG00000160472.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-448F2.4	ENSG00000267006.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF536	ENSG00000198597.8			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WDR830S	ENSG00000105583.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UHRF1	ENSG00000276043.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IGFL1	ENSG00000188293.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RPS15	ENSG00000115268.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF222	ENSG00000159885.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEACAM18	ENSG00000213822.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PRKCG	ENSG00000126583.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RELB	ENSG00000104856.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LSR	ENSG00000105699.16			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LLNLR-263F3.1	ENSG00000284430.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSD11B1L	ENSG00000167733.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLK2	ENSG00000167751.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC005523.3	ENSG00000268536.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGALS7B	ENSG00000178934.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SGTA	ENSG00000104969.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRE1	ENSG00000174837.14			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEACAM5	ENSG00000105388.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PEG3	ENSG00000198300.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SIGLEC6	ENSG00000105492.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CGB7	ENSG00000196337.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RFPL4AL1	ENSG00000229292.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNA7	ENSG00000104848.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-339O9.1	ENSG00000269842.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OR10H1	ENSG00000186723.3			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF614	ENSG00000142556.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SIGLECL1	ENSG00000179213.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
PSG2	ENSG00000242221.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-3204.2	ENSG00000267498.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LGALS4	ENSG00000171747.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF576	ENSG00000124444.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NCR1	ENSG00000189430.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF433	ENSG00000197647.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ADGRE3	ENSG00000131355.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TCF3	ENSG00000071564.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-241F20.4	ENSG00000268186.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTC-490E21.10	ENSG00000269843.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2568A17.1	ENSG00000261341.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARRDC5	ENSG00000205784.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PLEKHA4	ENSG00000105559.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DHPS	ENSG00000095059.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINGO3	ENSG00000220008.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NOVA2	ENSG00000104967.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RANBP3	ENSG00000031823.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
WDR83	ENSG00000123154.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BHMG1	ENSG00000237452.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-2587H24.10	ENSG00000267649.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LMTK3	ENSG00000142235.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF382	ENSG00000161298.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EID2B	ENSG00000176401.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF416	ENSG00000083817.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
IL4I1	ENSG00000104951.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEACAM20	ENSG00000273777.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATCAY	ENSG00000167654.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-273B12.10	ENSG00000269814.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EFNA2	ENSG00000099617.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DMRTC2	ENSG00000142025.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CCDC105	ENSG00000160994.3					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
FFAR2	ENSG00000126262.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01801	ENSG00000267767.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
JSRP1	ENSG00000167476.10			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GDF15	ENSG00000130513.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-459F4.5	ENSG00000266977.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SLC25A42	ENSG00000181035.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EIF3K	ENSG00000178982.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TNFSF9	ENSG00000125657.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NLRP13	ENSG00000173572.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF837	ENSG00000152475.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KLF1	ENSG00000105610.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF224	ENSG00000267680.5			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SAFB	ENSG00000160633.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSPB6	ENSG00000004776.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-513N18.6	ENSG00000269043.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRPL4	ENSG00000105364.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SPIB	ENSG00000269404.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF274	ENSG00000171606.17			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RBM42	ENSG00000126254.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DMWD	ENSG00000185800.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PPP5D1	ENSG00000230510.6			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYP2A13	ENSG00000197838.4			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TSSK6	ENSG00000178093.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM145	ENSG00000167619.11			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NMRK2	ENSG00000077009.13			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GADD45GIP1	ENSG00000179271.2			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PSG7	ENSG00000221878.12			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATG4D	ENSG00000130734.9			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF780B	ENSG00000128000.15			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01855	ENSG00000267517.1			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NDUFA13	ENSG00000186010.18			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
PRSS57	ENSG00000185198.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF699	ENSG00000196110.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SHKBP1	ENSG00000160410.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PTPRS	ENSG00000105426.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NDUFB7	ENSG00000099795.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SBSN	ENSG00000189001.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01533	ENSG00000267779.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZSCAN4	ENSG00000180532.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SULT2A1	ENSG00000105398.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AC002115.9	ENSG00000267626.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SH2D3A	ENSG00000125731.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HAMP	ENSG00000105697.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF121	ENSG00000197961.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RGS9BP	ENSG00000186326.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTD-3252C9.4	ENSG00000267519.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
F2RL3	ENSG00000127533.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CEACAM1	ENSG00000079385.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FUT1	ENSG00000174951.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TTC9B	ENSG00000174521.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C19orf45	ENSG00000198723.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FUT6	ENSG00000156413.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZNF836	ENSG00000196267.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PGLYRP2	ENSG00000161031.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HSH2D	ENSG00000196684.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTC-499B15.8	ENSG00000267089.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GADD45B	ENSG00000099860.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ASNA1	ENSG00000198356.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SNAPC2	ENSG00000104976.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DOCK6	ENSG00000130158.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TSKS	ENSG00000126467.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MEGF8	ENSG00000105429.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ISOC2	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
	ENSG00000063241.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
PSG8	ENSG00000124467.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
AC006262.4	ENSG00000269729.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
IFNL2	ENSG00000183709.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CEBPG	ENSG00000153879.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CTC-523E23.14	ENSG00000270544.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CTC-490G23.2	ENSG00000231412.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZFP82	ENSG00000181007.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MIDN	ENSG00000167470.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
NOSIP	ENSG00000142546.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZSWIM4	ENSG00000132003.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
FCER2	ENSG00000104921.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HKR1	ENSG00000181666.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
KCNC3	ENSG00000131398.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
USP29	ENSG00000131864.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
BIRC8	ENSG00000163098.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
EMC10	ENSG00000161671.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF71	ENSG00000197951.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
LYPD4	ENSG00000273111.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
MAG	ENSG00000105695.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
HNRNPM	ENSG00000099783.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01837	ENSG00000267489.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LYL1	ENSG00000104903.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
ZNF606	ENSG00000166704.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ERF	ENSG00000105722.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
JOSD2	ENSG00000161677.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CTD-3064H18.2	ENSG00000267115.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
DPRX	ENSG00000204595.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
CTB-31020.2	ENSG00000261526.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
VASP	ENSG00000125753.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	-2	NA								
RAX2	ENSG00000173976.15					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
CABP5	ENSG00000105507.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PLIN5	ENSG00000214456.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FBXW9	ENSG00000132004.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
EXOC3L2	ENSG00000283632.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SH3GL1	ENSG00000141985.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CGB5	ENSG00000189052.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LINC01838	ENSG00000269037.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MATK	ENSG00000007264.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DNMT1	ENSG00000130816.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TGFB1	ENSG00000105329.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PSG1	ENSG00000231924.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ZIM3	ENSG00000141946.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPACA4	ENSG00000177202.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C19orf73	ENSG00000221916.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MEX3D	ENSG00000181588.16				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
ARRDC2	ENSG00000105643.9				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-60B18.10	ENSG00000268655.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTD-2619J13.13	ENSG00000268307.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AKT1S1	ENSG00000204673.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ETV2	ENSG00000105672.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM187B	ENSG00000177558.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTB-50L17.10	ENSG00000167674.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF527	ENSG00000189164.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C19orf38	ENSG00000214212.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USHBP1	ENSG00000130307.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-157B13.7	ENSG00000267872.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ICAM1	ENSG00000090339.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
LRP3	ENSG00000130881.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KLK11	ENSG00000167757.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SYDE1	ENSG00000105137.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
PPP6R1	ENSG00000105063.18				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP4-806M20.4		ENSG00000268649.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GNAS		ENSG00000087460.24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKRD60		ENSG00000124227.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CST4		ENSG00000101441.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MATN4		ENSG00000124159.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DYNLRB1		ENSG00000125971.16				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-1116H23.4		ENSG00000278816.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CSNK2A1		ENSG00000101266.17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SIRPD		ENSG00000125900.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-164D18.2		ENSG00000227282.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
POFUT1		ENSG00000101346.13				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-321P16.1		ENSG00000276923.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TOP1		ENSG00000198900.5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP5-851M4.1		ENSG00000277901.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01722		ENSG00000233048.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-906C1.1		ENSG00000278231.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TGM2		ENSG00000198959.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EFCAB8		ENSG00000215529.12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00494		ENSG00000235621.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OVOL2		ENSG00000125850.10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
FAM209A		ENSG00000124103.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-101E14.3		ENSG00000233415.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-1125A11.4		ENSG00000228386.2				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEMG1		ENSG00000124233.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GATA5		ENSG00000130700.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GHRH		ENSG00000118702.9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TFAP2C		ENSG00000087510.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP4-715N11.2		ENSG00000232294.5				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZSWIM3		ENSG00000132801.6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2V1		ENSG00000244687.11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01754		ENSG00000224565.1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA							
BPIFA1	ENSG00000198183.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
DBNDD2	ENSG00000244274.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP5-963E22.4	ENSG00000231977.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP5-1185K9.1	ENSG00000238034.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
COL9A3	ENSG00000092758.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-416N4.1	ENSG00000232448.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
ATRN	ENSG00000088812.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC00687	ENSG00000228422.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
XKR7	ENSG00000260903.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
FITM2	ENSG00000197296.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
PCK1	ENSG00000124253.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
SYCP2	ENSG00000196074.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP5-839B4.8	ENSG00000243961.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
SOX12	ENSG00000177732.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
FERMT1	ENSG00000101311.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
CSTL1	ENSG00000125823.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
WFDC8	ENSG00000158901.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
TMEM239	ENSG00000198326.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP11-560A15.4	ENSG00000231078.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
TRMT6	ENSG00000089195.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC01723	ENSG00000234265.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RPS21	ENSG00000171858.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
LINC01370	ENSG00000237767.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
PTPRT	ENSG00000196090.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
PET117	ENSG00000232838.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
MYBL2	ENSG00000101057.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
RP1-28H20.3	ENSG00000271784.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
MYL9	ENSG00000101335.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
MAFB	ENSG00000204103.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
SNAP25	ENSG00000132639.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA							
EPB41L1	ENSG00000088367.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

	NA	NA	NA	NA	NA	-2	NA							
ASIP	ENSG00000101440.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TPX2	ENSG00000088325.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-897D18.1	ENSG00000231604.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP4-737E23.7	ENSG00000275179.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RIMS4	ENSG00000101098.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZSWIM1	ENSG00000168612.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ZBP1	ENSG00000124256.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01524	ENSG00000234948.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
ROMO1	ENSG00000125995.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CDH26	ENSG00000124215.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TGIF2	ENSG00000118707.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PCED1A	ENSG00000132635.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-827E24.1	ENSG00000277270.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-905G11.3	ENSG00000233625.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
WFDC12	ENSG00000168703.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PRNT	ENSG00000180259.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC01384	ENSG00000237396.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
HM13	ENSG00000101294.16					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BANF2	ENSG00000125888.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
BLCAP	ENSG00000166619.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
TRERNA1	ENSG00000231265.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
PIGT	ENSG00000124155.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
CEBPB	ENSG00000172216.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP4-568C11.4	ENSG00000274173.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP13-379L11.1	ENSG00000225708.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC00176	ENSG00000196421.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP11-347D21.2	ENSG00000228503.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
LINC00261	ENSG00000259974.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-1069C8.3	ENSG00000269931.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP5-1116H23.3	ENSG00000277425.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	-2	NA							
RP4-734C18.1	ENSG00000230990.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
SNRPB	ENSG00000125835.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
KIZ	ENSG00000088970.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP5-1068H6.6	ENSG000000278595.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2C	ENSG00000175063.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
DOK5	ENSG00000101134.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SPINT3	ENSG00000101446.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00656	ENSG00000233746.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TSHZ2	ENSG00000182463.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TCF15	ENSG00000125878.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
C20orf187	ENSG00000125899.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ADNP	ENSG00000101126.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
REM1	ENSG00000088320.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SOGA1	ENSG00000149639.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
TGM3	ENSG00000125780.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
NOL4L	ENSG00000197183.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
FAM217B	ENSG00000196227.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GCNT7	ENSG00000124091.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SMOX	ENSG00000088826.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
SAMHD1	ENSG00000101347.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
STK4	ENSG00000101109.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP4-616B8.5	ENSG000000274825.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM65C	ENSG00000042062.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM83C	ENSG00000125998.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WISP2	ENSG00000064205.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	-2	NA									
RP5-963E22.5	ENSG000000260416.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-963E22.6	ENSG000000273821.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-278O22.2	ENSG000000234900.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-1004I9.1	ENSG000000204684.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP13-379O24.3	ENSG000000272050.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C20orf141	ENSG000000258713.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ARFGAP1	ENSG00000101199.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
RP5-1022P6.7		ENSG00000266908.1				NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CST1	ENSG00000170373.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01752	ENSG00000224961.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SNRPB2	ENSG00000125870.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BPIFB1	ENSG00000125999.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP13-379L11.2	ENSG00000203971.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WI2-87327B8.2	ENSG00000273812.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-19D2.1	ENSG00000238102.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CST5	ENSG00000170367.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01427	ENSG00000225321.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00028	ENSG00000233354.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
OSBPL2	ENSG00000130703.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP11-103J8.2	ENSG00000270777.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01733	ENSG00000226203.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CBLN4	ENSG00000054803.3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
APCDD1L	ENSG00000198768.10					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
NOP56	ENSG00000101361.16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BCL2L1	ENSG00000171552.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZMYND8	ENSG00000101040.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DEFB124	ENSG00000180383.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CST9L	ENSG00000101435.4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
PAX1	ENSG00000125813.13		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DEFB118	ENSG00000131068.3					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-585I14.3	ENSG00000278153.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EIF2S2	ENSG00000125977.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-640H8.2	ENSG00000204117.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CST2	ENSG00000170369.3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP4-564F22.6	ENSG00000275285.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
WFDC6	ENSG00000243543.8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TASP1	ENSG00000089123.15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BPIFA2	ENSG00000131050.10					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RAD21L1	ENSG00000244588.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZHX3	ENSG00000174306.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CASC20	ENSG00000229876.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ARHGAP40	ENSG00000124143.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FOXA2	ENSG00000125798.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FNDC11	ENSG00000125531.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDX27	ENSG00000124228.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TP53INP2	ENSG00000078804.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CNBD2	ENSG00000149646.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP5-967N21.11	ENSG00000275632.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
CENPB	ENSG00000125817.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCSK2	ENSG00000125851.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01727	ENSG00000279082.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RPN2	ENSG00000118705.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01523	ENSG00000229522.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCIF1	ENSG00000100982.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLR3F	ENSG00000132664.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP5-1022J11.2	ENSG00000232465.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP11-323C15.2	ENSG00000236028.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP5-991B18.2	ENSG00000281460.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
NKX2-4	ENSG00000125816.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01711	ENSG00000268941.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP3-333B15.6	ENSG00000276638.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
RP4-777L9.3	ENSG00000275728.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
EPPIN	ENSG00000101448.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLC35C2	ENSG00000080189.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP13-379O24.2	ENSG00000260542.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA
ID1	ENSG00000125968.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PTPRA	ENSG00000132670.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CST9	ENSG00000173335.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DEFB121	ENSG00000204548.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
AC006076.1	ENSG00000225563.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMG2	ENSG00000124157.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LBP	ENSG00000129988.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-307010.1	ENSG00000236387.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
DEFB123	ENSG00000180424.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PI3	ENSG00000124102.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
WFDC10B	ENSG00000182931.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SLC2A10	ENSG00000197496.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
TNNC2	ENSG00000101470.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
NAA20	ENSG00000173418.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP4-583K8.1	ENSG00000225785.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
SCAND1	ENSG00000171222.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLRT3	ENSG00000125848.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
GGTLC1	ENSG00000149435.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01729	ENSG00000225640.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KCNS1	ENSG00000124134.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
WI2-87327B8.1	ENSG00000264490.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
BPIFB4	ENSG00000186191.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
RP11-410N8.4	ENSG00000204393.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
WFDC5	ENSG00000175121.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MOCS3	ENSG00000124217.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CST8	ENSG00000125815.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01673	ENSG00000234052.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
COL6A2	ENSG00000142173.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC01423	ENSG00000231231.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
PKNOX1	ENSG00000160199.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
AP000569.9	ENSG00000273102.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
KB-68A7.2	ENSG00000277352.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ADAMTS1	ENSG00000154734.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHAF1B	ENSG00000159259.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
LINC00479	ENSG00000236384.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
UBASH3A	ENSG00000160185.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP006748.1	ENSG00000223400.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNE1	ENSG00000180509.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ERG	ENSG00000157554.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP001172.2	ENSG00000270071.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP000431.2	ENSG00000229289.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01692	ENSG00000226983.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AF096876.1	ENSG00000259981.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ZBTB21	ENSG00000173276.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMPRSS2	ENSG00000184012.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
U2AF1	ENSG00000160201.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CYYR1	ENSG00000166265.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GRIK1	ENSG00000171189.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SYNJ1	ENSG00000159082.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNJ15	ENSG00000157551.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00313	ENSG00000185186.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SON	ENSG00000159140.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP000432.2	ENSG00000226956.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C21orf91-OT1	ENSG00000240770.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RIPPLY3	ENSG00000183145.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01684	ENSG00000237484.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
GABPA	ENSG00000154727.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
BACH1-AS1	ENSG00000232118.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AJ006998.2	ENSG00000229425.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP000233.4	ENSG00000222042.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POTED	ENSG00000166351.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
USP25	ENSG00000155313.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
D21S2088E	ENSG00000228592.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01548	ENSG00000229086.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP001605.4	ENSG00000236332.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DSCR3	ENSG00000157538.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
AP000696.2	ENSG00000231324.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP13-2	ENSG00000182816.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SAMSN1	ENSG00000155307.17				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP000221.1	ENSG00000229962.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01695	ENSG00000236532.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00319	ENSG00000188660.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TFF2	ENSG00000160181.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SCAF4	ENSG00000156304.14				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLDN8	ENSG00000156284.5				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ETS2	ENSG00000157557.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MRAP	ENSG00000170262.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00114	ENSG00000223806.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TFF3	ENSG00000160180.15				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP001042.1	ENSG00000229986.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TFF1	ENSG00000160182.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP001476.2	ENSG00000224413.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC00316	ENSG00000237664.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
EVA1C	ENSG00000166979.12				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MIR99AHG	ENSG00000215386.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AF165138.7	ENSG00000243440.6				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP13-4	ENSG00000186971.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
HUNK	ENSG00000142149.8				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LTN1	ENSG00000198862.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CLDN14	ENSG00000159261.10				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP000289.6	ENSG00000226527.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP001046.6	ENSG00000225637.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SIK1	ENSG00000142178.7				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KCNE2	ENSG00000159197.3				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP001604.3	ENSG00000231236.2				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
KRTAP10-6	ENSG00000188155.11				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AF064858.10	ENSG00000237609.1				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
BACH1-IT2	ENSG00000228817.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-1023B21.1	ENSG00000267857.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DSCR8	ENSG00000198054.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RIPK4	ENSG00000183421.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DNMT3L	ENSG00000142182.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KRTAP8-1	ENSG00000183640.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MORC3	ENSG00000159256.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BTG3	ENSG00000154640.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC5A3	ENSG00000198743.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMPRSS15	ENSG00000154646.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
B3GALT5	ENSG00000183778.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP000473.6	ENSG00000237735.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MX2	ENSG00000183486.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DSCR9	ENSG00000230366.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RUNX1	ENSG00000159216.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PITPNB	ENSG00000180957.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GGTLC2	ENSG00000100121.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LL22NC03-27C5.1	ENSG00000278890.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
Z83851.4	ENSG00000233903.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LA16c-2F2.8	ENSG00000230471.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
INPP5J	ENSG00000185133.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RBX1	ENSG00000100387.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MLC1	ENSG00000100427.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TNRC6B	ENSG00000100354.20					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
HSCB	ENSG00000100209.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EMID1	ENSG00000186998.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AIFM3	ENSG00000183773.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDC42EP1	ENSG00000128283.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CLDN5	ENSG00000184113.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GTSE1	ENSG00000075218.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-384D8.34	ENSG00000273272.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	-2	NA							
SHISA8	ENSG00000234965.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TCF20	ENSG00000100207.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC00898	ENSG00000205634.6					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XKR3	ENSG00000172967.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CDC45	ENSG00000093009.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ENTHD1	ENSG00000176177.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PRR14L	ENSG00000183530.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-929C8.6	ENSG00000226741.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-722E9.1	ENSG00000280224.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KCNJ4	ENSG00000168135.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TEX33	ENSG00000185264.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SLC5A1	ENSG00000100170.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GSTTP1	ENSG00000276950.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-29C18.10	ENSG00000212939.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF70	ENSG00000187792.4					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PMM1	ENSG00000100417.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CHCHD10	ENSG00000250479.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP6-109B7.4	ENSG00000235159.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RFPL1	ENSG00000128250.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GSC2	ENSG00000063515.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP11-191L9.4	ENSG00000224271.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AP000345.4	ENSG00000225413.2					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SRRD	ENSG00000100104.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01643	ENSG00000236052.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NCF4	ENSG00000100365.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
KB-1440D3.14	ENSG00000273342.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MCM5	ENSG00000100297.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PES1	ENSG00000100029.17					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
GTPBP1	ENSG00000100226.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
AC007326.10	ENSG00000280418.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LL22NC03-102D1.18	ENSG00000223999.1					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	NA	NA	-2	NA						
TBC1D10A	ENSG00000099992.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP1-41P2.7	ENSG00000228587.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ISX	ENSG00000175329.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTA-280A3.2	ENSG00000279712.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
UQCR10	ENSG00000184076.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SMC1B	ENSG00000077935.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
THAP7	ENSG00000184436.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
POTEH	ENSG00000198062.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
APOL5	ENSG00000128313.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SHANK3	ENSG00000251322.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP3-370M22.8	ENSG00000225528.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
RP6-109B7.2	ENSG00000231010.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CHEK2	ENSG00000183765.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LINC01644	ENSG00000218357.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CELSR1	ENSG00000075275.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CITF22-49E9.3	ENSG00000278869.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SBF1	ENSG00000100241.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ATXN10	ENSG00000130638.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
MYO18B	ENSG00000133454.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ASPHD2	ENSG00000128203.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
SNU13	ENSG00000100138.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
LRRC75B	ENSG00000178026.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
C22orf46	ENSG00000184208.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CITF22-1A6.3	ENSG00000273192.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
XXbac-B33L19.4	ENSG00000235578.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
DNAL4	ENSG00000100246.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
TMEM191C	ENSG00000206140.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
COMT	ENSG00000093010.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
CTA-221G9.7	ENSG00000236641.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
ANKRD54	ENSG00000100124.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								
AP1B1	ENSG00000100280.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
RP5-1119A7.14	ENSG00000228719.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C22orf42	ENSG00000205856.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PCAT14	ENSG00000280623.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP5-983L19.2	ENSG00000226954.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-126B4.7	ENSG00000230107.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SDF2L1	ENSG00000128228.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
VPREB1	ENSG00000169575.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TMEM191B	ENSG00000278558.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NCAPH2	ENSG00000025770.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CBX7	ENSG00000100307.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MAPK11	ENSG00000185386.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
MIOX	ENSG00000100253.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CARD10	ENSG00000100065.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TTL8	ENSG00000138892.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM83F	ENSG00000133477.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APOL2	ENSG00000128335.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01399	ENSG00000233080.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OGFRP1	ENSG00000182057.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-373H7.7	ENSG00000206028.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-29C18.9	ENSG00000213279.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
C22orf15	ENSG00000169314.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RIMBP3C	ENSG00000183246.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PATZ1	ENSG00000100105.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ZNF280A	ENSG00000169548.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
OSM	ENSG00000099985.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
EWSR1	ENSG00000182944.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01634	ENSG00000235295.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-127L4.7	ENSG00000239674.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
UBE2L3	ENSG00000185651.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PLA2G3	ENSG00000100078.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PNPLA3	ENSG00000100344.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	NA	-2	NA								
LL22NC03-2H8.4	ENSG00000234630.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CITF22-49D8.1	ENSG00000224715.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-929C8.7	ENSG00000223726.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XXbac-B444P24.14	ENSG00000273139.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SEC14L3	ENSG00000100012.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SMTN	ENSG00000183963.18					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
PHF5A	ENSG00000100410.7					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01637	ENSG00000237476.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-992D9.8	ENSG00000280025.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TEF	ENSG00000167074.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-989H11.1	ENSG00000273366.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
NEFH	ENSG00000100285.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CTA-796E4.3	ENSG00000236464.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
ELFN2	ENSG00000166897.14					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
CSF2RB	ENSG00000100368.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPS19BP1	ENSG00000187051.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TIMP3	ENSG00000100234.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APOBEC3A	ENSG00000128383.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SPECC1L	ENSG00000100014.19					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RPL3	ENSG00000100316.15					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XRCC6	ENSG00000196419.12					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
BPIFC	ENSG00000184459.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
FAM19A5	ENSG00000219438.8					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
APOL6	ENSG00000221963.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
USP18	ENSG00000184979.9					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
RP1-213J1P_B.1	ENSG00000227838.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
XXbac-B135H6.18	ENSG00000272829.1					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
SNRPD3	ENSG00000100028.11					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
DUSP18	ENSG00000167065.13					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
LINC01638	ENSG00000233521.5					NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	-2	NA							
TOB2	ENSG00000183864.4					NA	NA	NA	NA	NA	NA	NA	NA	NA

NA	NA	NA	NA	-2	NA									
PIWIL3	ENSG00000184571.13				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	-2	NA								