

Supplementary Table 4: eQTL analysis results for all 56 gSNPs. Genes with eQTLs in multiple databases in bold.

SNP	CHR	BP	Allele	eQTL lookup in three databases		
				Westra et al, FDR<0.05	BRAINEAC, p<1×10 ⁻⁵	GTE _x , FDR<0.05
rs301806	1	8482078	C/T	RERE	RERE	
rs1432639	1	72813218	C/A			<i>NEGR1, RPL31P12</i>
rs9427672	1	197754741	A/G		<i>DENND1B</i>	
rs2535629	3	52833219	G/A	ITIH4, SPCS1	ITIH4,GNL3, GLT8D1, SNORD19B	ITIH4, GNL3, PPM1M
rs7430565	3	158107180	G/A		<i>RARRES1, MLF1</i>	
rs34215985	4	42047778	C/G			<i>SLC30A9</i>
rs10514299	5	87663610	C/T			<i>TMEM161B-AS1</i>
rs454214	5	88003403	C/T	<i>MEF2C</i>		<i>CTC-467M3.3</i>
rs911186	6	27150599	A/G	HIST1H2BK, PRSS16	<i>ZNF389, BTN2A1,BTN2A2</i>	<i>ZNF204P, PRSS16</i>
rs115507122	6	30737591	G/C		<i>VAR2, MICB</i>	MICB, ATAT1, FLOT1
rs9368649	6	30938883	A/G	<i>VARSL</i>		
rs1265099	6	31105413	A/G	<i>HCG27</i>	<i>PSORS1C2</i>	<i>C4A</i>
rs389883	6	31947460	G/T	SKIV2L, HSPA1B, DOM3Z	<i>NFKBIL1</i>	<i>HLA-DRB1, HLA-DRB5, CYP21A1P, SKIV2L, HLA-C, WASF5P, XXbac-BPG248L24.12</i>
rs1475120	6	105389953	G/A			<i>LINC00577</i>
rs7029033	9	126682068	C/T		<i>LHX2</i>	
rs12552	13	53625781	A/G	<i>OLFM4</i>		
rs4904738	14	42179732	T/C		LRFN5	LRFN5

rs2182139	14	60149233	T/C	<i>RTN1, C14orf100</i>		
rs915057	14	64686207	A/G		<i>SYNE2</i>	
rs4906335	14	104021141	C/A	<i>BAG5, CKB, EIF5, XRCC3, KLC1</i>	<i>KLC1, C14orf153</i>	<i>XRCC3</i>
rs11643192	16	72214276	C/A	<i>HP</i>		
rs1833288	18	52517906	A/G		<i>RAB27B</i>	
rs2179744	22	41621714	G/A	<i>EP300, L3MBTL2, CHADL, TEF, RANGAP1</i>	<i>XPNPEP3</i>	