

Supplementary Table 1. Results of eQTLs from Braineac database.

geneSymbol	marker	rsid	exprID	chr	start	stop	aveALL	CRBL	FCTX	HIPP	MEDU	OCTX	PUTM	SNIG	TCTX	THAL	WHMT
<i>MMRNI</i>	chr4:90639515	rs11931074	2735759	chr4	9.1E+07	9.1E+07	9.50E-03	2.80E-03	5.30E-02	6.60E-01	7.00E-01	1.80E-02	5.60E-01	6.80E-01	3.00E-01	2.50E-04	4.20E-01
<i>FAM190A</i>	chr4:90639515	rs11931074	2735862	chr4	9.1E+07	9.3E+07	3.30E-02	4.70E-01	7.60E-01	5.50E-01	1.50E-01	2.90E-01	4.60E-01	6.60E-01	1.70E-01	1.70E-01	7.70E-04
<i>MMRNI</i>	chr4:90639515	rs11931074	2735775	chr4	9.1E+07	9.1E+07	4.90E-02	9.00E-02	1.40E-01	4.00E-01	3.00E-01	3.20E-01	2.30E-01	6.20E-01	5.70E-02	1.50E-03	4.30E-01
<i>MMRNI</i>	chr4:90639515	rs11931074	2735782	chr4	9.1E+07	9.1E+07	2.80E-02	1.90E-01	3.70E-01	6.90E-01	9.00E-01	9.00E-01	3.90E-01	9.40E-02	5.50E-02	1.60E-03	3.10E-01
<i>FAM13A</i>	chr4:90639515	rs11931074	2777589	chr4	9E+07	9E+07	6.30E-01	7.50E-01	1.20E-01	6.60E-01	2.00E-03	6.20E-01	4.70E-01	6.30E-01	8.20E-01	1.70E-01	1.10E-01
<i>MMRNI</i>	chr4:90639515	rs11931074	2735768	chr4	9.1E+07	9.1E+07	2.30E-01	6.50E-01	5.90E-01	7.40E-01	1.20E-01	8.50E-03	5.30E-01	2.30E-01	8.40E-01	1.40E-01	2.40E-03
<i>FAM13A</i>	chr4:90639515	rs11931074	2777595	chr4	9E+07	9E+07	2.10E-01	5.30E-01	7.70E-01	7.40E-01	3.60E-03	7.90E-01	9.60E-01	2.30E-01	9.70E-01	4.00E-01	8.00E-01
<i>FAM13A</i>	chr4:90639515	rs11931074	2777593	chr4	9E+07	9E+07	9.90E-01	8.90E-01	6.20E-01	8.90E-01	2.30E-01	6.20E-01	7.80E-01	1.30E-01	9.90E-01	2.80E-01	3.80E-03
<i>MMRNI</i>	chr4:90639515	rs11931074	2735764	chr4	9.1E+07	9.1E+07	3.20E-02	6.70E-02	5.80E-02	9.10E-01	5.70E-01	4.00E-03	6.90E-01	8.10E-01	1.60E-01	9.10E-02	3.60E-01
<i>SNCA</i>	chr4:90639515	rs11931074	2777715	chr4	9.1E+07	9.1E+07	8.30E-02	9.60E-02	8.90E-01	6.80E-01	4.50E-01	1.00E+00	5.20E-01	6.10E-01	2.30E-02	4.00E-01	5.50E-03

Abbreviations: Ave All, average across all ten regions; CRBL, cerebellum; FCTX, frontal cortex; HIPP, hippocampus; MEDU, medulla; OCTX, occipital cortex; PUTM, putamen; SNIG, substantia nigra; TCTX, temporal cortex; THAL, thalamus; WHMT, white matter. The bold text represents statistically significant results.