

Supplementary Table 1. Results of *IL-10* rs1800871 eQTLs from Braineac database.

geneSymbol	marker	rsid	exprID	chr	start	stop	aveALL	CRBL	FCTX	HIPP	MEDU	OCTX	PUTM	SNIG	TCTX	THAL	WHMT
<i>IKBKE, C1orf147</i>	chr1:206946634	rs1800871	2376833	chr1	206643758	206671379	8.80E-01	6.20E-01	8.20E-01	7.00E-02	3.50E-01	3.60E-01	9.40E-01	2.20E-04	9.50E-01	5.20E-02	9.70E-01
<i>C4BPA</i>	chr1:206946634	rs1800871	2377185	chr1	207277590	207332055	4.60E-01	7.60E-04	9.30E-01	6.50E-01	4.70E-01	2.90E-01	3.10E-01	8.80E-01	9.30E-01	7.90E-01	4.30E-01
<i>FAIM3</i>	chr1:206946634	rs1800871	2452987	chr1	207076630	207101034	1.30E-02	3.20E-01	2.20E-01	3.00E-01	5.00E-02	5.60E-01	6.80E-01	3.10E-01	5.60E-01	5.40E-01	9.70E-04
<i>LGTN</i>	chr1:206946634	rs1800871	2452902	chr1	206744640	206785896	5.00E-01	7.50E-01	2.30E-01	6.70E-01	8.20E-01	4.00E-01	4.80E-01	1.20E-03	7.20E-01	9.50E-01	1.20E-02
<i>PIGR</i>	chr1:206946634	rs1800871	2453011	chr1	207101875	207119807	1.90E-01	8.30E-01	9.70E-01	2.20E-02	3.60E-01	5.40E-01	4.50E-01	1.50E-03	9.80E-01	4.80E-01	9.30E-03
<i>CD46, CRIL</i>	chr1:206946634	rs1800871	2377507	chr1	207818478	207983220	1.60E-01	7.70E-01	5.60E-01	2.60E-01	8.10E-01	2.30E-01	9.60E-02	1.90E-01	5.50E-01	1.70E-03	4.40E-01
<i>PIGR</i>	chr1:206946634	rs1800871	2453018	chr1	207101875	207119807	2.90E-01	9.20E-01	8.40E-01	3.60E-01	1.90E-03	2.10E-01	6.90E-02	2.80E-01	2.40E-01	7.60E-01	1.20E-01
<i>IL20</i>	chr1:206946634	rs1800871	2377026	chr1	207038709	207042565	4.00E-03	3.00E-01	2.60E-03	8.80E-02	5.80E-01	9.60E-02	1.90E-01	3.10E-01	5.60E-01	7.90E-01	8.80E-02
<i>CR1, CRIL</i>	chr1:206946634	rs1800871	2377424	chr1	207669246	207815110	3.60E-01	3.10E-01	1.30E-01	4.40E-01	2.70E-03	7.10E-01	2.70E-01	4.40E-02	2.40E-01	4.70E-01	8.60E-01
<i>C4BPA</i>	chr1:206946634	rs1800871	2377169	chr1	207277590	207332055	7.50E-01	2.70E-01	7.20E-01	3.40E-01	2.20E-01	6.70E-01	3.50E-01	3.30E-03	8.00E-02	4.00E-01	2.10E-01

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.

Supplementary Table 2. Results of *IL-10* rs1800872 eQTLs from Braineac database.

geneSymbol	marker	rsid	exprID	chr	start	stop	aveALL	CRBL	FCTX	HIPP	MEDU	OCTX	PUTM	SNIG	TCTX	THAL	WHMT
<i>IKBKE, Clorf147</i>	chr1:206946407	rs1800872	2376833	chr1	206643758	206671379	8.00E-01	5.70E-01	7.90E-01	7.20E-02	3.90E-01	4.10E-01	9.90E-01	1.50E-04	9.00E-01	5.80E-02	9.30E-01
<i>FAIM3</i>	chr1:206946407	rs1800872	2452987	chr1	207076630	207101034	1.30E-02	3.60E-01	2.30E-01	2.60E-01	5.70E-02	5.60E-01	6.80E-01	2.70E-01	5.20E-01	5.50E-01	8.40E-04
<i>LGTN</i>	chr1:206946407	rs1800872	2452902	chr1	206744640	206785896	5.40E-01	7.80E-01	2.30E-01	6.50E-01	8.70E-01	4.50E-01	4.50E-01	1.20E-03	6.60E-01	9.90E-01	1.40E-02
<i>C4BPA</i>	chr1:206946407	rs1800872	2377185	chr1	207277590	207332055	4.40E-01	1.20E-03	9.50E-01	6.40E-01	4.60E-01	3.10E-01	3.30E-01	8.50E-01	9.10E-01	7.20E-01	4.20E-01
<i>CD46, CRIL</i>	chr1:206946407	rs1800872	2377507	chr1	207818478	207983220	1.50E-01	7.40E-01	5.70E-01	2.40E-01	8.00E-01	2.40E-01	7.50E-02	1.80E-01	5.10E-01	1.60E-03	4.30E-01
<i>CR1, CRIL</i>	chr1:206946407	rs1800872	2377424	chr1	207669246	207815110	3.00E-01	3.30E-01	1.30E-01	4.50E-01	2.20E-03	7.10E-01	2.30E-01	6.00E-02	2.30E-01	4.50E-01	8.30E-01
<i>PIGR</i>	chr1:206946407	rs1800872	2453018	chr1	207101875	207119807	2.90E-01	9.70E-01	8.90E-01	3.50E-01	2.20E-03	2.40E-01	7.90E-02	2.50E-01	2.40E-01	6.90E-01	1.40E-01
<i>PIGR</i>	chr1:206946407	rs1800872	2453011	chr1	207101875	207119807	1.80E-01	8.80E-01	9.80E-01	2.50E-02	3.60E-01	6.00E-01	4.80E-01	2.50E-03	9.60E-01	4.60E-01	7.00E-03
<i>IL20</i>	chr1:206946407	rs1800872	2377026	chr1	207038709	207042565	4.20E-03	3.20E-01	2.80E-03	8.70E-02	6.00E-01	1.10E-01	1.80E-01	3.00E-01	5.00E-01	7.20E-01	1.00E-01
<i>IL10</i>	chr1:206946407	rs1800872	2452956	chr1	206940955	206958002	2.50E-01	3.50E-03	4.00E-02	6.20E-01	2.20E-01	5.80E-01	4.00E-02	9.30E-01	4.00E-01	9.10E-01	6.00E-01

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.