

ESM Table 9. eQTL analysis results between rs1440971 (chr7:127059636) and expression of genes within 1MB of the SNP from the GenCord Project

Probe	Gene	TSS	Lymphoblastoid cells			Peak eQTL SNP in LCL			
			<i>rho</i>	<i>P</i>	<i>P</i> _{adj}	SNP ID	Position	<i>r</i> ²	<i>P</i>
ILMN_1729212	<i>GRM8</i>	125865888	-0.342	0.0026	0.0028	rs6467157	127447999		3.29×10^{-4}
ILMN_1752340	<i>ARF5</i>	127015752	-0.24	0.0383	0.0379	rs10487483	126861374	0.023	0.0014
ILMN_1793101	<i>PAX4</i>	127037582	0.273	0.0176	0.0173	rs6467157	127447999		1.21×10^{-4}

TSS: transcription start site position; *rho*: Spearman's rank correlation coefficient; *P*: *P* value for the association; *P*_{adj}: adjusted *P* value after 10000 permutations.