

Table S6

ConsensusPathDB pathway enrichment for sphingolipid related loci<sup>+</sup>

Pathway name	Pathway size	Number of candidate genes	<i>P</i> -value	Corrected <i>P</i> -value *	Pathway source
Metabolism of lipids and lipoproteins	269	5 (1.9%)	3.7 x 10 <sup>-6</sup>	1.0 x 10 <sup>-5</sup>	Reactome
Sphingolipid metabolism	32	3 (9.4%)	4.1 x 10 <sup>-6</sup>	1.0 x 10 <sup>-5</sup>	Reactome
Sphingolipid Metabolism	43	2 (10.0%)	0.00019	0.00031	Wiki pathways
LPA receptor mediated events	67	2 (3.2%)	0.0019	0.0024	PID