

Table S5

ConsensusPathDB pathway enrichment for phospholipid related loci⁺

Pathway name	Pathway size	Number of candidate genes	<i>P</i> -value	Corrected <i>P</i> -value *	Pathway source
Fat digestion and absorption	45	3 (6.7%)	0.00021	0.0022	KEGG
Lipid digestion, mobilization, and transport	48	3 (6.2%)	0.00026	0.0022	Reactome
Glycerolipid metabolism	54	3 (5.6%)	0.00037	0.0022	KEGG
Glycerolipid Metabolism	12	2 (16.7%)	0.00044	0.0022	SMPDB
Metabolism of lipids and lipoproteins	269	5 (1.9%)	0.00056	0.0022	Reactome
triacylglycerol degradation	16	2 (14.3%)	0.00060	0.0022	HumanCyc
Chylomicron-mediated lipid transport	17	2 (11.8%)	0.00089	0.0028	Reactome
Statin Pathway, Pharmacodynamics	25	2 (8.3%)	0.0018	0.0044	PharmGKB
Triacylglyceride Synthesis	24	2 (8.3%)	0.0018	0.0044	Wikipathways
Statin Pathway	31	2 (6.9%)	0.0026	0.0051	Wikipathways
Lipoprotein metabolism	29	2 (6.9%)	0.0026	0.0051	Reactome
Biosynthesis of the N-glycan precursor	30	2 (6.7%)	0.0028	0.0051	Reactome
Glycerophospholipid metabolism	113	3 (2.7%)	0.0031	0.0053	EHMN
Triglyceride Biosynthesis	35	2 (5.9%)	0.0036	0.0055	Reactome
N-Glycan biosynthesis	35	2 (5.7%)	0.0038	0.0055	KEGG
N-Glycan biosynthesis	41	2 (4.9%)	0.0052	0.0071	EHMN