

Supplemental Table S1. GO enrichment analysis about biological process

GO id	GO term	q value
GO:0065008	regulation of biological quality	6.05E-08
GO:0061045	negative regulation of wound healing	3.84E-05
GO:0048523	negative regulation of cellular process	3.88E-05
GO:0030193	regulation of blood coagulation	7.88E-05
GO:1900046	regulation of hemostasis	7.88E-05
GO:0033344	cholesterol efflux	9.35E-05
GO:0050818	regulation of coagulation	0.00013
GO:0007596	blood coagulation	0.00014
GO:0050817	coagulation	0.00014
GO:0007599	hemostasis	0.00018
GO:0061041	regulation of wound healing	0.00018
GO:0048519	negative regulation of biological process	0.00021
GO:0030195	negative regulation of blood coagulation	0.00048
GO:1900047	negative regulation of hemostasis	0.00048
GO:0048878	chemical homeostasis	0.0006
GO:0009611	response to wounding	0.00064
GO:0034380	high-density lipoprotein particle assembly	0.00065
GO:0042592	homeostatic process	0.00068
GO:0022610	biological adhesion	0.00069
GO:0050819	negative regulation of coagulation	0.00074
GO:0007155	cell adhesion	0.0013
GO:0046890	regulation of lipid biosynthetic process	0.00136
GO:0042060	wound healing	0.00156
GO:0051346	negative regulation of hydrolase activity	0.0018
GO:0042632	cholesterol homeostasis	0.00181
GO:0055092	sterol homeostasis	0.00181
GO:1903034	regulation of response to wounding	0.00191
GO:0051239	regulation of multicellular organismal process	0.00216
GO:0051241	negative regulation of multicellular organismal process	0.00252
GO:0034367	macromolecular complex remodeling	0.00265

GO:0034368	protein-lipid complex remodeling	0.00265
GO:0034369	plasma lipoprotein particle remodeling	0.00265
GO:0044092	negative regulation of molecular function	0.00272
GO:0034384	high-density lipoprotein particle clearance	0.0028
GO:0055088	lipid homeostasis	0.0037
GO:0032101	regulation of response to external stimulus	0.00377
GO:0034114	regulation of heterotypic cell-cell adhesion	0.0039
GO:1902930	regulation of alcohol biosynthetic process	0.00409
GO:0031324	negative regulation of cellular metabolic process	0.00465
GO:0034377	plasma lipoprotein particle assembly	0.0056
GO:0051336	regulation of hydrolase activity	0.00635
GO:0065009	regulation of molecular function	0.00704
GO:0006955	immune response	0.00714
GO:0097006	regulation of plasma lipoprotein particle levels	0.00739
GO:0071827	plasma lipoprotein particle organization	0.00741
GO:0010876	lipid localization	0.00779
GO:0046461	neutral lipid catabolic process	0.00786
GO:0046464	acylglycerol catabolic process	0.00786
GO:0008202	steroid metabolic process	0.00816
GO:0019218	regulation of steroid metabolic process	0.00914
GO:0010466	negative regulation of peptidase activity	0.00991
GO:1903035	negative regulation of response to wounding	0.01053
GO:0030301	cholesterol transport	0.01069
GO:0015918	sterol transport	0.01275
GO:0019433	triglyceride catabolic process	0.01367
GO:0033700	phospholipid efflux	0.01367
GO:0043691	reverse cholesterol transport	0.01367
GO:0019216	regulation of lipid metabolic process	0.01382
GO:0065005	protein-lipid complex assembly	0.01459
GO:0071825	protein-lipid complex subunit organization	0.01471
GO:0043086	negative regulation of catalytic activity	0.01551
GO:0050790	regulation of catalytic activity	0.01856

GO:0042953	lipoprotein transport	0.02088
GO:0044872	lipoprotein localization	0.02088
GO:0045833	negative regulation of lipid metabolic process	0.02295
GO:0030155	regulation of cell adhesion	0.0249
GO:0006869	lipid transport	0.02519
GO:0050793	regulation of developmental process	0.02948
GO:0051174	regulation of phosphorus metabolic process	0.03465
GO:0042445	hormone metabolic process	0.03648
GO:0010873	positive regulation of cholesterol esterification	0.03733
GO:0034370	triglyceride-rich lipoprotein particle remodeling	0.03733
GO:0032102	negative regulation of response to external stimulus	0.04016
GO:0032879	regulation of localization	0.04078
GO:0010565	regulation of cellular ketone metabolic process	0.04094
GO:0019835	cytolysis	0.04183
GO:0009892	negative regulation of metabolic process	0.04761
GO:0051246	regulation of protein metabolic process	0.04979
GO:0002376	immune system process	0.06305
