

Table 5. Top 10 REACTOME Pathways Enriched in Proteins Down-Regulated in Apical by DA Exposure

Pathway name	No. of Proteins	No. of Proteins in Pathway	Pvalue	FDR	Proteins Identified
Regulation of complement cascade	3	27	9.74E-05	9.74E-03	CFAB; CD59; CO4A
Activation of C3 and C5	2	7	2.49E-04	1.25E-02	CFAB; CO4A
Lipid digestion, mobilization, and transport	3*	70	1.54E-03	4.95E-02	PLTP; CEL
HDL-mediated lipid transport	2*	20	1.98E-03	4.95E-02	PLTP
Complement cascade	4	201	4.00E-03	5.49E-02	CLUS; CFAB; CD59; CO4A
Platelet degranulation	3	105	4.82E-03	5.49E-02	A1AT; CLUS; AACT
Lipoprotein metabolism	2*	32	4.95E-03	5.49E-02	PLTP
Cargo concentration in the ER	2	33	5.25E-03	5.49E-02	A1AT; CD59
Response to elevated platelet cytosolic Ca ²⁺	3	110	5.49E-03	5.49E-02	A1AT; CLUS; AACT
Utilization of ketone bodies	1	3	9.75E-03	8.77E-02	THIL
Lysosomal oligosaccharide catabolism	1	4	1.30E-02	1.03E-01	MANBA

Definition of abbreviations: DA, diacetyl; ER, endoplasmic reticulum; FDR, false discovery rate; HDL, high-density lipoprotein; NB, *nota bene*.

*NB: PLTP has two natural variants.