

Supplementary Table 5: list of ER proteins modulated in response to PLA beac

Uniprot accession	Protein name	ratio PLA treated/control	Mann Whitney U value
B9EJ86	Oxysterol-binding protein-related protein 8	1.27	0
O08547	Vesicle-trafficking protein SEC22b	0.59	0
O08795	Glucosidase 2 subunit beta	0.87	0
O08992	Syntenin-1	2.71	
O54692	Centromere/kinetochore protein zw10 homolog	1.57	0
O70503	Very-long-chain 3-oxoacyl-CoA reductase	1.12	0
O88455	7-dehydrocholesterol reductase	2.33	0
P35564	Calnexin	0.8	0
P35821	Tyrosine-protein phosphatase non-receptor type 1	1.75	0
P61027	Ras-related protein Rab-10	1.42	0
P70704	Phospholipid-transporting ATPase IA	0.49	2
P97858	Solute carrier family 35 member B1	1.43	0
Q64430	Copper-transporting ATPase 1	1.31	2
Q6P5E4	UDP-glucose:glycoprotein glucosyltransferase 1	1.15	2
Q6ZWQ7	Signal peptidase complex subunit 3	1.36	1
Q8BHN3	Neutral alpha-glucosidase AB	1.17	1
Q8CGZ0	Calcium homeostasis ER protein	1.31	0
Q8R1V4	Transmembrane emp24 domain-containing protein 4	0.84	0
Q8VDP6	CDP-diacylglycerol--inositol 3-phosphatidyltransferase	1.78	0
Q91YQ5	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	1.1	0
Q9CPU4	Microsomal glutathione S-transferase 3	1.15	2
Q9DB25	Dolichyl-phosphate beta-glucosyltransferase	1.31	1
Q9DBS1	Transmembrane protein 43	1.38	0
Q9EPE9	Endoplasmic reticulum transmembrane helix translocase	0.68	2
Q9EQH2	Endoplasmic reticulum aminopeptidase 1	1.13	2
Q9JHP7	Protein O-glycosyltransferase 2	1.63	1
Q9JLJ5	Elongation of very long chain fatty acids protein 1	2.87	1
Q9QY76	Vesicle-associated membrane protein-associated protein B	1.57	0
Q9WU81	Glucose-6-phosphate exchanger SLC37A2	1.5	2
Q9WV55	Vesicle-associated membrane protein-associated protein A	1.5	2