

Supplementary Table 6: list of lysosomal/endosomal proteins modulated in response to PLA beads

Uniprot accession	Protein name	ratio PLA treated/control	Mann Whitney U value
Q8CGS4	Charged multivesicular body protein 3	2.01	
Q3TCN2	Putative phospholipase B-like 2	1.84	2
P57716	Nicastrin	1.66	2
P50518	V-type proton ATPase subunit E 1	1.6	2
Q9Z0M5	Lysosomal acid lipase/cholesteryl ester hydrolase	1.51	
Q61093	Cytochrome b-245 heavy chain	1.49	1
Q9CQF9	Prenylcysteine oxidase 1	1.43	
P61027	Ras-related protein Rab-10	1.42	
Q64430	Copper-transporting ATPase 1	1.31	2
P11438	Lysosome-associated membrane glycoprotein 1	1.26	2
P50516	V-type proton ATPase catalytic subunit A	1.24	
P17426	AP-2 complex subunit alpha-1	1.24	2
P23780	Beta-galactosidase	1.18	
P45377	Aldose reductase-related protein 2	1.18	1
P62944	AP-2 complex subunit beta	1.18	2
P61028	Ras-related protein Rab-8B	1.17	
Q8VEB4	Phospholipase A2 group XV	0.81	2
Q63524	Transmembrane emp24 domain-containing protein 2	0.71	2
P17439	Lysosomal acid glucosylceramidase	0.7	
P24668	Cation-dependent mannose-6-phosphate receptor	0.64	
B5DEN9	Vacuolar protein sorting-associated protein 28 homolog	0.51	
Q9WTI7	Unconventional myosin-Ic	1.63	
Q5FWK3	Rho GTPase-activating protein 1	1.63	
E9Q634	Unconventional myosin-Ie	1.4	
Q4LDD4	Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1	1.38	2
O70318	Band 4.1-like protein 2	1.27	
P70248	Unconventional myosin-If	1.26	
Q9JKF1	Ras GTPase-activating-like protein IQGAP1	1.12	1
Q4V7C7	Actin-related protein 3	0.93	2
Q8VDD5	Myosin-9	0.92	
Q6IRU2	Tropomyosin alpha-4 chain	0.87	2
P13020	Gelsolin	0.82	
P21107	Tropomyosin alpha-3 chain	0.82	2
P59999	Actin-related protein 2/3 complex subunit 4	0.7	1
Q8BPU7	Engulfment and cell motility protein 1	0.67	2
Q8BHL5	Engulfment and cell motility protein 2	0.42	2