

Supplementary Table S4: list of ER proteins modulated in response to PET nanoparticles

Q8C3X8	Lmf2	Lipase maturation factor 2	8.16
Q64310	Surf4	Surfeit locus protein 4	3.36
Q8BLN5	Lss	Lanosterol synthase	2.83
Q8CHK3	Mboat7	Lysophospholipid acyltransferase 7	2.81
Q9JLJ5	Elov11	Elongation of very long chain fatty acids protein 1	2.77
O08992	Sdcbp	Syntenin-1	2.38
Q5FVM3	Retreg1	Reticulophagy regulator 1	2.14
O88455	Dhcr7	7-dehydrocholesterol reductase	2.04
O08715	Akap1	A-kinase anchor protein 1, mitochondrial	1.98
Q8BSY0	Asph	Aspartyl/asparaginyl beta-hydroxylase	1.83
P35821	Ptpn1	Tyrosine-protein phosphatase non-receptor type 1	1.79
Q61263	Soat1	Sterol O-acyltransferase 1	1.69
Q9JHP7	Poglut2	Protein O-glucosyltransferase 2	1.56
Q8CGZ0	Cherp	Calcium homeostasis endoplasmic reticulum protein	1.55
P21958	Tap1	Antigen peptide transporter 1	1.53
O54692	Zw10	Centromere/kinetochore protein zw10 homolog	1.51
P36371	Tap2	Antigen peptide transporter 2	1.48
Q9DC16	Ergic1	Endoplasmic reticulum-Golgi intermediate compartment protein 1	1.37
Q3TYS2	Cybc1	Cytochrome b-245 chaperone 1	1.35
Q6ZWQ7	Spcs3	Signal peptidase complex subunit 3	1.32
Q9DBS1	Tmem43	Transmembrane protein 43	1.32
B9EJ86	Osbpl8	Oxysterol-binding protein-related protein 8	1.28
Q8R0X7	Sgpl1	Sphingosine-1-phosphate lyase 1	1.23
Q8R180	Ero1a	ERO1-like protein alpha	1.18
Q9EQH2	Erap1	Endoplasmic reticulum aminopeptidase 1	1.17
Q9CPU4	Mgst3	Microsomal glutathione S-transferase 3	1.17
P08113	Hsp90b1	Endoplasmin, HSP90b1	1.15
Q8R2E9	Ero1b	ERO1-like protein beta	1.14
Q91YH5	At13	Atlastin-3	1.12
O70503	Hsd17b12	Very-long-chain 3-oxoacyl-CoA reductase	1.11
P08003	Pdia4	Protein disulfide-isomerase A4	1.11
Q8JZR0	Acs15	Long-chain-fatty-acid--CoA ligase 5	1.11
P97821	Ctsc	Dipeptidyl peptidase 1	0.86
P35564	Canx	Calnexin	0.79
O08547	Sec22b	Vesicle-trafficking protein SEC22b	0.62
Q9EPE9	Atp13a1	Endoplasmic reticulum transmembrane helix translocase	0.59
P70704	Atp8a1	Phospholipid-transporting ATPase 1A	0.33