

Supplementary Table S5: list of mitochondrial proteins modulated in response to PET nanoparticles

Uniprot accession	Gene name	Protein name	ratio PLA treated/control
P53702	Hccs	Holocytochrome c-type synthase	492083.276
Q5XII9	Mtfr11	Mitochondrial fission regulator 1-like	2.07
Q9D6J6	Ndufv2	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	2.06
O08715	Akap1	A-kinase anchor protein 1, mitochondrial	1.98
Q61102	Abcb7	ATP-binding cassette sub-family B member 7, mitochondrial	1.87
Q9CZR8	Tsfm	Elongation factor Ts, mitochondrial	1.69
Q8R1I1	Uqcr10	Cytochrome b-c1 complex subunit 9	1.66
P53395	Dbt	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex	1.65
Q8VH49	Higd1a	HIG1 domain family member 1A, mitochondrial Rattus norvegicus	1.4
P84817	Fis1	Mitochondrial fission 1 protein	1.34
P60603	Romo1	Reactive oxygen species modulator 1	1.3
P16036	Slc25a3	Phosphate carrier protein, mitochondrial Rattus norvegicus	1.26
Q9Z110	Aldh18a1	Delta-1-pyrroline-5-carboxylate synthase 1	1.24
Q8CGK3	Lonp1	Lon protease homolog, mitochondrial	1.23
P20108	Prdx3	Peroxiredoxin 3	1.21
Q99KI0	Aco2	Aconitate hydratase, mitochondrial	1.14
Q1HFZ0	Nsun2	tRNA (cytosine(34)-C(5))-methyltransferase	1.13
Q9D6R2	Idh3a	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	1.12
Q8JZR0	Acs15	Long-chain-fatty-acid--CoA ligase 5	1.11
P61222	Abce1	ATP-binding cassette sub-family E member 1	1.08
Q9CQX2	Cyb5b	Cytochrome b5 type B	0.75
P42125	Eci1	Enoyl-CoA delta isomerase 1, mitochondrial	0.71
Q9JHI5	Ivd	Isovaleryl-CoA dehydrogenase, mitochondrial	0.7
P47245	Nrdc	Nardilysin	0.65