

Supplemental Table 8. MWCNT-PVP 10 ug/mL - Differentially Expressed Proteins

Protein ID	Gene Name	Protein Name	Fold Change 10ug	Multiple Comparison p	ANOVA p value	Q value
IPI00386083	NT5C	5', 3'-nucleotidase, isoform 2, cytosolic	-1.3	0.007	0.001	0.23
IPI00470528	RPL15	60S ribosomal protein L15	-1.5	0.01	0.006	0.27
IPI00219155	RPL27	60S ribosomal protein L27	-1.7	0.001	0.003	0.11
IPI00296907	ACOX1	Acyl-CoA oxidase 1, palmitoyl, isoform 1, peroxisomal	-1.4	0.01	0.003	0.27
IPI00027178	AP1G2	Adaptor-related protein complex 1, gamma 2 subunit	1.7	0.01	0.0006	0.28
IPI00019901	ADD1	Adducin 1 (alpha), isoform 1	-1.3	0.02	0.007	0.28
IPI00215901	AK2	Adenylate kinase 2, mitochondrial, isoform 1	-1.3	0.01	0.00007	0.27
IPI00291483	AKR1C3	Aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase)	-1.3	0.03	0.007	0.34
IPI00909541	AKR1C4	Aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase)	-1.3	0.02	0.006	0.28
IPI00004860	RARS	Arginyl-tRNA synthetase	-1.4	0.02	0.0006	0.28
IPI00852619	ATP10B	ATPase, class V, type 10B	-1.2	0.04	0.002	0.35
IPI00845508	BAHCC1	BAH domain and coiled-coil containing 1	-1.7	0.01	0.003	0.28
IPI00099670	CEL	Carboxyl ester lipase precursor	-2.0	0.001	0.00009	0.11
IPI00376947	CHKB	Choline kinase beta, isoform 2	-1.2	0.03	0.001	0.34
IPI00640313	CPNE1	Copine 1	1.4	0.008	0.008	0.26
IPI00448095	DCXR	Dicarbonyl/L-xylulose reductase	-1.6	0.02	0.008	0.28
IPI00018798	DNAJC17	DnaJ (Hsp40) homolog, subfamily C, member 17	-1.5	0.01	0.0003	0.28
IPI00873286	EIF3C	Eukaryotic translation initiation factor 3, subunit 8	-1.3	0.02	0.002	0.28
IPI00016910	EIF3C	Eukaryotic translation initiation factor 3, subunit C	-1.3	0.03	0.002	0.34
IPI00654777	EIF3F	Eukaryotic translation initiation factor 3, subunit F	-1.6	0.00002	0.000003	0.01
IPI00033143	EIF3K	Eukaryotic translation initiation factor 3, subunit K	-1.4	0.05	0.01	0.46
IPI00383900	RNASEH1	Gastric cancer-related protein GCYS-20 (RNaseH-like)	-1.7	0.01	0.0002	0.26
IPI00054042	GTF2I	General transcription factor II-I, isoform 1	-1.4	0.05	0.004	0.40
IPI00216159	GFPT2	Glutamine-fructose-6-phosphate transaminase 2	1.6	0.01	0.008	0.28
IPI00909080	GPD1	Glycerol-3-phosphate dehydrogenase	1.5	0.03	0.0006	0.31
IPI00966041	GNB2L1	Guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1, variant 1	-1.3	0.02	0.01	0.28
IPI00964877	GNB2L1	Guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1, variant 2	-1.3	0.02	0.01	0.30
IPI00020956	HDGF	Hepatoma-derived growth factor, variant	-1.2	0.04	0.009	0.36
IPI00922032	HDGF	Hepatoma-derived growth factor, variant	-1.2	0.01	0.01	0.28
IPI00465225	HNRNPL	Heterogeneous nuclear ribonucleoprotein L, isoform b	-1.3	0.04	0.008	0.38
IPI00216457	HIST2H2AA4	Histone H2A type 2-A	1.5	0.03	0.009	0.34
IPI00220855	H2AFJ	Histone H2A.J, isoform 1	1.6	0.01	0.002	0.28
IPI00018278	H2AFV	Histone H2A.V	1.6	0.02	0.004	0.28
IPI00219037	H2AFX	Histone H2A.x	1.4	0.03	0.01	0.34
IPI00220403	HIST1H2BB	Histone H2B type 1-B	1.5	0.03	0.005	0.34

IPI00477495	H2BFS	Histone H2B type F-S	1.5	0.02	0.001	0.28
IPI00009286	MLL	Histone-lysine N-methyltransferase, isoform 1	-1.4	0.01	0.001	0.27
IPI00294398	HADH	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial, isoform 1	-1.3	0.03	0.006	0.34
IPI00795859	IMPDH2	IMP (inosine 5'-monophosphate) dehydrogenase 2, variant	-1.4	0.0003	0.000003	0.10
IPI00791628	IMPDH2	IMP (inosine 5'-monophosphate) dehydrogenase 2, variant	-1.3	0.02	0.0007	0.28
IPI00554788	KRT18	Keratin 18	-1.2	0.05	0.002	0.51
IPI00293276	MIF	Macrophage migration inhibitory factor	1.7	0.01	0.0005	0.28
IPI00291006	MDH2	Malate dehydrogenase, mitochondrial, variant	-1.3	0.03	0.0006	0.32
IPI00012450	NMI	N-myc-interactor	1.5	0.04	0.01	0.35
IPI00304596	NONO	Non-POU domain-containing octamer-binding protein	-1.2	0.03	0.0003	0.34
IPI00011675	SP100	Nuclear autoantigen Sp-100, isoform Sp100-HMG	1.4	0.02	0.004	0.28
IPI00028005	NUP107	Nuclear pore complex protein Nup107	-1.3	0.03	0.0007	0.34
IPI00791367	PIIB	Peptidylprolyl isomerase B (cyclophilin B)	-1.3	0.02	0.004	0.30
IPI00100933	PTER	Phosphotriesterase-related protein, isoform 1	-1.3	0.001	0.01	0.11
IPI00301154	PABPC3	Poly(A) binding protein, cytoplasmic 3	-1.3	0.05	0.01	0.38
IPI00246058	PDCD6IP	Programmed cell death 6-interacting protein	-1.3	0.04	0.003	0.35
IPI00024821	PSMD14	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	1.7	0.002	0.0004	0.14
IPI00006377	POMP	Proteasome maturation protein	1.5	0.008	0.01	0.26
IPI00030355	PPP1R11	Protein phosphatase 1, regulatory (inhibitor) subunit 11	-1.4	0.05	0.01	0.45
IPI00023591	PURA	Purine-rich element binding protein A	-1.5	0.02	0.002	0.28
IPI00013004	PDXK	Pyridoxal kinase, isoform 1	-1.3	0.03	0.0004	0.31
IPI00216320	PDXK	Pyridoxal kinase, isoform 2	-1.3	0.03	0.0005	0.34
IPI00793433	PDXK	Pyridoxal kinase, variant	-1.9	0.04	0.001	0.38
IPI00791490	PDXK	Pyridoxal kinase, variant	-1.4	0.03	0.0005	0.32
IPI00556561	RHEBL1	Ras homolog enriched in brain like 1, isoform 2	-1.4	0.02	0.004	0.28
IPI00335280	RPE	Ribulose-phosphate 3-epimerase, isoform 1	1.6	0.004	0.006	0.14
IPI00021187	RUVBL1	RuvB-like 1, isoform 1	-1.4	0.005	0.0002	0.23
IPI00016179	S100A13	S100 calcium binding protein A13	1.5	0.03	0.0003	0.34
IPI00220038	SRRT	Serrate RNA effector molecule homolog, isoform 2	-1.3	0.04	0.001	0.37
IPI00025318	SH3BGRL	SH3 domain-binding glutamic acid-rich-like protein	-2.0	0.003	0.009	0.14
IPI00183274	SNX1	Sorting nexin 1, isoform c	-1.5	0.03	0.007	0.34
IPI00383251	SF1	Splicing factor 1, variant	-1.7	0.0002	0.003	0.04
IPI00828110	SF3B3	Splicing factor 3B subunit 3, isoform 3	-1.3	0.02	0.004	0.30
IPI00221106	SF3B2	Splicing factor 3B, subunit 2	-1.3	0.05	0.01	0.49
IPI00010740	SFPQ	Splicing factor proline/glutamine-rich, isoform long	-1.2	0.05	0.01	0.40
IPI00216613	SFPQ	Splicing factor proline/glutamine-rich, isoform short	-1.3	0.006	0.004	0.23
IPI00164300	SUCLG2	Succinyl-CoA ligase (GDP-forming) subunit beta, mitochondrial pseudogene	-1.7	0.0001	0.000005	0.02
IPI00784161	SUPT6H	Suppressor of Ty 6 homolog	1.3	0.04	0.0005	0.37

IPI00924677	TBC1D5	TBC1 domain family, member 5	-1.5	0.02	0.0003	0.28
IPI00395694	TNPO3	Transportin-3, isoform 2	-1.4	0.009	0.009	0.26
IPI00465028	TPI1	Triosephosphate isomerase 1, isoform 2	-1.3	0.04	0.002	0.36
IPI00550689	C22orf28	tRNA-splicing ligase RtcB homolog	-1.3	0.03	0.005	0.35
IPI00018511	TUBB4Q	Tubulin beta-4q chain	-2.0	0.002	0.0002	0.14
IPI00550917	TWF2	Twinfilin 2	-1.3	0.04	0.004	0.35
IPI00031556	U2AF2	U2 small nuclear RNA auxiliary factor 2, isoform 1	-1.3	0.02	0.009	0.28
IPI00292000	PRPF31	U4/U6 small nuclear ribonucleoprotein Prp31, isoform 1	-1.3	0.01	0.001	0.28
IPI00328285	USP20	Ubiquitin specific peptidase 20	-1.5	0.03	0.009	0.34
IPI00294495	UFC1	Ubiquitin-fold modifier conjugating enzyme 1	-1.7	0.03	0.008	0.34