

Significant genes; EN at 72 hours compared to baseline

Probe Set ID	Gene Symbol	Gene Title	p-value	FC ¹
219634_at	CHST11	carbohydrate (chondroitin 4) sulfotransferase 11	0.020037	-1.330717
203176_s at	TFAM	transcription factor A, mitochondrial	0.021291	-1.323262
204774_at	EVI2A /// EVI2B	ecotropic viral integration site 2A /// ecotropic viral integration site 2B	0.044334	-1.306555
204490_s at	CD44	CD44 molecule (Indian blood group)	0.012542	-1.288279
208168_s at	CHIT1	chitinase 1 (chitotriosidase)	0.009048	-1.259763
212271_at	MAPK1	mitogen-activated protein kinase 1	0.037652	-1.207758
200675_at	CD81	CD81 molecule	0.042838	-1.207439
208949_s at	LGALS3	lectin, galactoside-binding, soluble, 3	0.03346	-1.206719
202702_at	TRIM26	tripartite motif-containing 26	0.018302	-1.199176
205727_at	TEP1	telomerase-associated protein 1	0.046111	-1.197231
206377_at	FOXF2	forkhead box F2	0.019958	-1.194477
202645_s at	MEN1	multiple endocrine neoplasia I	0.021588	-1.18383
203697_at	FRZB	frizzled-related protein	0.013593	-1.181879
206931_at	ZNF141	zinc finger protein 141	0.019546	-1.179042
206866_at	CDH4	cadherin 4, type 1, R-cadherin (retinal)	0.039398	-1.177415
208552_at	GRIK4	glutamate receptor, ionotropic, kainate 4	0.006776	-1.1725
218078_s at	ZDHHC3	zinc finger, DHHC-type containing 3	0.007802	-1.171869
209592_s at	WDR68	WD repeat domain 68	0.013762	-1.169165
209111_at	RNF5	ring finger protein 5	0.049658	-1.158713
207224_s at	SIGLEC7	sialic acid binding Ig-like lectin 7	0.044613	-1.155337
208589_at	TRPC7	transient receptor potential cation channel, subfamily C, member 7	0.023644	-1.151721
213741_s at	KPNA1	karyopherin alpha 1 (importin alpha 5)	0.034719	-1.149942
205686_s at	CD86	CD86 molecule	0.010014	-1.149602
213052_at	PRKAR2A	Testis mRNA for the RII-alpha subunit of cAMP dependent protein kinase	0.013021	-1.144317
220086_at	IKZF5	IKAROS family zinc finger 5 (Pegasus)	0.023804	-1.136728
214585_s at	VPS52	vacuolar protein sorting 52 homolog (S. cerevisiae)	0.037713	-1.13596
210838_s at	ACVRL1	activin A receptor type II-like 1	0.016263	-1.13489
216986_s at	IRF4	interferon regulatory factor 4	0.033987	-1.133873
204668_at	RNF24	ring finger protein 24	0.037758	-1.131028
207636_at	SERPINI2	serpin peptidase inhibitor, clade I (pancpin), member 2	0.038213	-1.130984
211475_s at	BAG1	BCL2-associated athanogene	0.011536	-1.129201
201387_s at	UCHL1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	0.040159	-1.123633
202108_at	PEPD	peptidase D	0.032473	-1.1186
203418_at	CCNA2	cyclin A2	0.012474	-1.118187
217744_s at	PERP	PERP, TP53 apoptosis effector	0.008689	-1.117783
219198_at	GTF3C4	general transcription factor IIIC, polypeptide 4, 90kDa	0.042732	-1.110661
219483_s at	PORCN	porcupine homolog (Drosophila)	0.018945	-1.110582
211203_s at	CNTN1	contactin 1	0.026432	-1.11009
206163_at	MAB21L1	mab-21-like 1 (C. elegans)	0.039565	-1.110066
207583_at	ABCD2	ATP-binding cassette, sub-family D (ALD), member 2	0.032245	-1.107571
206717_at	MYH8	myosin, heavy chain 8, skeletal muscle, perinatal	0.012661	-1.106551
216485_s at	TPSAB1	tryptase alpha/beta 1	0.042651	-1.104394

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211592_s_at	CACNA1C	calcium channel, voltage-dependent, L type, alpha 1C subunit	0.01396	-1.100597
205968_at	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	0.026229	-1.092635
220423_at	PLA2G2D	phospholipase A2, group IID	0.009647	-1.088947
207917_at			0.048389	-1.086367
207212_at	SLC9A3	solute carrier family 9 (sodium/hydrogen exchanger), member 3	0.025185	-1.085746
206142_at	ZNF135	zinc finger protein 135	0.025161	-1.071675
201077_s_at	NHP2L1	NHP2 non-histone chromosome protein 2-like 1 (<i>S. cerevisiae</i>)	0.04411	-1.062676
205769_at	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	0.047263	-1.027827
207469_s_at	PIR	pirin (iron-binding nuclear protein)	0.037942	1.07605
221358_at	NPBWR2	neuropeptides B/W receptor 2	0.037941	1.083358
203320_at	SH2B3	SH2B adaptor protein 3	0.026663	1.099899
218869_at	MLYCD	malonyl-CoA decarboxylase	0.008349	1.102159
207802_at	CRISP3	cysteine-rich secretory protein 3	0.024087	1.113112
205224_at	SURF2	surfeit 2	0.043626	1.113982
205444_at	ATP2A1	ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1	0.01175	1.118757
220191_at	GKN1	gastrokin 1	0.012483	1.121559
207663_x_at	GAGE3	G antigen 3	0.004615	1.12472
207589_at	ADRA1B	adrenergic, alpha-1B-, receptor	0.040077	1.128483
203439_s_at	STC2	stanniocalcin 2	0.023709	1.135174
209496_at	RARRES2	retinoic acid receptor responder (tazarotene induced) 2	0.034522	1.135577
220210_at	CHRNA10	cholinergic receptor, nicotinic, alpha 10	0.040891	1.145429
206684_s_at	ATF7	activating transcription factor 7	0.007934	1.151548
208901_s_at	TOP1	topoisomerase (DNA) I	0.027523	1.161858
206769_at	LOC100130227 /// TMSB4Y	hypothetical protein LOC100130227 /// thymosin beta 4, Y-linked	0.022275	1.162563
212983_at	HRAS	v-Ha-ras Harvey rat sarcoma viral oncogene homolog	0.042851	1.164079
204717_s_at	SLC29A2	solute carrier family 29 (nucleoside transporters), member 2	0.049271	1.165689
208590_x_at	GJA3	gap junction protein, alpha 3, 46kDa	0.030761	1.16603
206368_at	CPLX2	complexin 2	0.024467	1.168615
203951_at	CNN1	calponin 1, basic, smooth muscle	0.030478	1.17261
206215_at	OPCML	opioid binding protein/cell adhesion molecule-like	0.005041	1.173789
204746_s_at	PICK1	protein interacting with PRKCA 1	0.008368	1.179876
203499_at	EPHA2	EPH receptor A2	0.045154	1.182405
219250_s_at	FLRT3	fibronectin leucine rich transmembrane protein 3	0.049851	1.182711
214179_s_at	NFE2L1	nuclear factor (erythroid-derived 2)-like 1	0.026546	1.191346
200895_s_at	FKBP4	FK506 binding protein 4, 59kDa	0.044738	1.193425
203262_s_at	FAM50A	family with sequence similarity 50, member	0.037471	1.200925
219854_at	ZNF14	zinc finger protein 14	0.034902	1.202163
206480_at	LTC4S	leukotriene C4 synthase	0.011865	1.204851
202518_at	BCL7B	B-cell CLL/lymphoma 7B	0.023066	1.230462
204624_at	ATP7B	ATPase, Cu ⁺⁺ transporting, beta	0.001968	1.241023
207111_at	EMR1	egf-like module containing, mucin-like, hormone receptor-like 1	0.04433	1.241209

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205780 at	BIK	BCL2-interacting killer (apoptosis-inducing)	0.036172	1.2414
209686 at	S100B	S100 calcium binding protein B	0.019721	1.294577
205883 at	ZBTB16	zinc finger and BTB domain containing 16	0.025915	1.330319
201976 s at	MYO10	myosin X	7.86E-04	1.373452
206991_s_at	CCR5 /// LOC727797	chemokine (C-C motif) receptor 5 /// C-C chemokine receptor type 5-like	0.04275	1.394059
214510 at	GPR20	G protein-coupled receptor 20	0.024854	1.44474
217817_at	ARPC4 /// TTLL3	actin related protein 2/3 complex, subunit 4, 20kDa /// tubulin tyrosine ligase-like family, member 3	0.023602	1.560996
201841 s at	HSPB1	heat shock 27kDa protein 1	0.006882	1.739585

¹ FC - fold change