S1 Table. Illumina gene expression results. Microarray results of 281 statistically significant genes differentially regulated between 1, 4, 6 or 35 days after 8Gy or 16Gy (FDR < 10% and fold change > ±1.5).

Name	Description	Entrez ID	ANOVA p-value	FDR (Bonferroni-Holm)
IL1RN	interleukin 1 receptor antagonist	3557	2.22E-16	6.95E-12
CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4	23580	4.44E-16	1.39E-11
CXCL5	chemokine (C-X-C motif) ligand 5	6374	6.66E-16	2.09E-11
HIST2H2BE	histone cluster 2, H2be	8349	1.11E-15	3.48E-11
ATF3	activating transcription factor 3	467	1.50E-14	4.69E-10
PSG4	pregnancy specific beta-1-glycoprotein 4	5672	2.02E-14	6.33E-10
CCL3L3	chemokine (C-C motif) ligand 3-like 3	414062	2.07E-14	6.46E-10
CCL3	chemokine (C-C motif) ligand 3	6348	3.23E-14	1.01E-09
CCL3L1	chemokine (C-C motif) ligand 3-like 1	6349	4.60E-14	1.44E-09
CCL20	chemokine (C-C motif) ligand 20	6364	5.25E-14	1.64E-09
CSF2	colony stimulating factor 2 (granulocyte-macrophage)	1437	6.32E-14	1.98E-09
MMP12	matrix metallopeptidase 12 (macrophage elastase)	4321	8.42E-14	2.63E-09
IL24	interleukin 24	11009	9.03E-14	2.82E-09
DCN	decorin	1634	1.11E-13	3.48E-09
CXCL1	chemokine (C-X-C motif) ligand 1	2919	1.15E-13	3.61E-09
DPYSL3	dihydropyrimidinase-like 3	1809	2.35E-13	7.37E-09
AURKB	aurora kinase B	9212	2.41E-13	7.55E-09
CHI3L2	chitinase 3-like 2	1117	2.66E-13	8.31E-09
CCNB2	cyclin B2	9133	4.68E-13	1.46E-08
MMP10	matrix metallopeptidase 10	4319	5.37E-13	1.68E-08
IL6	interleukin 6	3569	7.43E-13	2.32E-08
IL1F5	interleukin 1 family, member 5 (delta)	26525	1.12E-12	3.49E-08
SPRR2D	small proline-rich protein 2D	6703	1.21E-12	3.79E-08
CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	1026	1.60E-12	4.99E-08
CCL5	chemokine (C-C motif) ligand 5	6352	1.61E-12	5.04E-08
LOC387763	hypothetical	387763	1.64E-12	5.13E-08
PI3	peptidase inhibitor 3	5266	2.00E-12	6.23E-08
PTGS2	prostaglandin-endoperoxide synthase 2	5743	2.11E-12	6.60E-08
SLC25A24	solute carrier family 25 (mitochondrial carrier)	29957	2.13E-12	6.65E-08
DEFB103B	defensin, beta 103B	414325	2.17E-12	6.77E-08
IL1F10	interleukin 1 family, member 10 (theta)	84639	2.30E-12	7.18E-08
KIFC1	kinesin family member C1	3833	2.96E-12	9.23E-08
KIF20A	kinesin family member 20A	10112	3.41E-12	1.07E-07
FOSL1	FOS-like antigen 1	8061	4.50E-12	1.40E-07
PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1	26207	6.09E-12	1.90E-07
FLJ16165	purple acid phosphatase long form	390928	8.78E-12	2.74E-07
CXCL2	chemokine (C-X-C motif) ligand 2	2920	1.06E-11	3.32E-07
MAFB	v-maf musculoaponeurotic fibrosarcoma oncogene homolog B	9935	1.18E-11	3.69E-07
IL1A	interleukin 1, alpha	3552	1.22E-11	3.79E-07
SERTAD1	SERTA domain containing 1	29950	1.74E-11	5.42E-07
LIF	leukemia inhibitory factor	3976	2.05E-11	6.37E-07
LRRC15	leucine rich repeat containing 15	131578	2.17E-11	6.77E-07
HIST1H2BD	histone cluster 1, H2bd	3017	2.22E-11	6.90E-07
FCRLA	Fc receptor-like A	84824	2.42E-11	7.52E-07
CDCA8	cell division cycle associated 8	55143	2.60E-11	8.11E-07
C20ORF100	chromosome 20 open reading frame 100	84969	2.68E-11	8.34E-07
IL1F8	interleukin 1 family, member 8 (eta)	27177	2.68E-11	8.34E-07
ALDH7A1	aldehyde dehydrogenase 7 family, member A1	501	3.39E-11	1.05E-06
SCG2	secretogranin II (chromogranin C)	7857	3.62E-11	1.13E-06

ERN1	endoplasmic reticulum to nucleusing 1	2081	3.77E-11	1.17E-06
ADORA2A	adenosine A2a receptor	135	3.81E-11	1.18E-06
HIST2H2AA3	histone cluster 2, H2aa3	8337	4.50E-11	1.40E-06
TOX2	TOX high mobility group box family member 2	84969	5.25E-11	1.63E-06
DUSP1	dual specificity phosphatase 1	1843	9.04E-11	2.81E-06
IL12A	interleukin 12A (natural killer cell stimulatory factor 1)	3592	9.24E-11	2.87E-06
LCP1	lymphocyte cytosolic protein 1 (L-plastin)	3936	9.33E-11	2.90E-06
LOC100133511	PREDICTED: similar to complement component C3	100133511	1.02E-10	3.17E-06
SERPINB4	serpin peptidase inhibitor, clade B member 4	6318	1.07E-10	3.34E-06
NCAPD2	non-SMC condensin I complex, subunit D2	9918	1.12E-10	3.47E-06
SPINK1	serine peptidase inhibitor, Kazal type 1	6690	1.23E-10	3.82E-06
SOD2	superoxide dismutase 2, mitochondrial	6648	1.28E-10	3.96E-06
PCLO	piccolo (presynaptic cytomatrix protein)	27445	1.30E-10	4.04E-06
MGC10997	pseudogene MGC10997 on chromosome 15.	84741	1.59E-10	4.92E-06
ESM1	endothelial cell-specific molecule 1	11082	1.61E-10	5.00E-06
TNFAIP3	tumor necrosis factor, alpha-induced protein 3	7128	2.59E-10	8.02E-06
CCNA2	cyclin A2	890	2.80E-10	8.66E-06
LOC346887	PREDICTED: similar to solute carrier family 16	346887	2.89E-10	8.94E-06
FOSB	FBJ murine osteosarcoma viral oncogene homolog B	2354	2.99E-10	9.26E-06
HIST2H2AA4	histone cluster 2, H2aa4	723790	3.00E-10	9.28E-06
FST	follistatin	10468	3.07E-10	9.52E-06
SLC2A6	solute carrier family 2 member 6	11182	3.32E-10	1.03E-05
NAV1	neuron navigator 1	89796	3.40E-10	1.05E-05
CYP26B1	cytochrome P450, family 26, subfamily B	56603	3.49E-10	1.08E-05
LOC653879	PREDICTED: similar to Complement C3 precursor	653879	3.57E-10	1.11E-05
DUSP10	dual specificity phosphatase 10	11221	3.73E-10	1.15E-05
IL1F9	interleukin 1 family, member 9	56300	4.03E-10	1.25E-05
HIST1H4H	histone cluster 1, H4h	8365	4.11E-10	1.27E-05
ABI3BP	ABI gene family, member 3 binding protein	25890	4.38E-10	1.35E-05
BAMBI	BMP and activin membrane-bound inhibitor homolog	25805	4.78E-10	1.48E-05
SAT1	spermidine/spermine N1-acetyltransferase 1	6303	4.80E-10	1.49E-05
CLCF1	cardiotrophin-like cytokine factor 1	23529	4.84E-10	1.50E-05
HIST1H2BG	histone cluster 1, H2bg (HIST1H2BG)	8339	5.10E-10	1.58E-05
DIO2	deiodinase, iodothyronine, type II	1734	5.24E-10	1.62E-05
MAFF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F	23764	5.60E-10	1.73E-05
EEF1D	eukaryotic translation elongation factor 1 delta	1936	5.89E-10	1.82E-05
TXNIP	thioredoxin interacting protein	10628	6.38E-10	1.97E-05
CTPS2	CTP synthase II	56474	6.54E-10	2.02E-05
SLC16A6	solute carrier family 16, member 6	9120	6.83E-10	2.11E-05
IMPDH2	IMP (inosine monophosphate) dehydrogenase 2	3615	7.44E-10	2.30E-05
CXXC5	CXXC finger 5	51523	9.09E-10	2.80E-05
CPS1	carbamoyl-phosphate synthetase 1, mitochondrial	1373	9.10E-10	2.81E-05
LUM	lumican	4060	9.71E-10	2.99E-05
C5ORF13	chromosome 5 open reading frame 13	9315	1.02E-09	3.16E-05
LOC731314	PREDICTED: similar to H2A histone family, member X	731314	1.04E-09	3.21E-05
SMTN	smoothelin	6525	1.15E-09	3.56E-05
CSF3	colony stimulating factor 3 (granulocyte)	1440	1.35E-09	4.17E-05
GADD45B	growth arrest and DNA-damage-inducible, beta	4616	1.43E-09	4.39E-05
NFKBIZ	nuclear factor kappa light B-cell enhancer inhibitor, zeta	64332	1.51E-09	4.65E-05
NRG1	neuregulin 1	3084	1.53E-09	4.70E-05
ANKRD1	ankyrin repeat domain 1	27063	1.68E-09	5.17E-05
HIST1H4C	histone cluster 1, H4c	8364	2.54E-09	7.80E-05
CYP4B1	cytochrome P450, family 4, subfamily B, polypeptide 1	1580	2.62E-09	8.03E-05
LOXL4	lysyl oxidase-like 4	84171	3.28E-09	1.01E-04
HIST1H2AC	histone cluster 1, H2ac	8334	3.37E-09	1.03E-04
LOC654433	hypothetical LOC654433	654433	3.41E-09	1.04E-04
C3	complement component 3	718	3.60E-09	1.10E-04
DTNA	dystrobrevin, alpha	1837	3.67E-09	1.13E-04
HJURP	Holliday junction recognition protein	55355	3.77E-09	1.15E-04

IER3	immediate early response 3	8870	3.90E-09	1.19E-04
HSD11B1	hydroxysteroid (11-beta) dehydrogenase 1	3290	4.03E-09	1.23E-04
DUSP5	dual specificity phosphatase 5	1847	4.09E-09	1.25E-04
HAS1	hyaluronan synthase 1	3036	4.54E-09	1.39E-04
DDIT3	DNA-damage-inducible transcript 3	1649	4.88E-09	1.49E-04
MARCH4	membrane-associated ring finger (C3HC4)	57574	4.92E-09	1.50E-04
HMGCS1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	3157	5.70E-09	1.74E-04
SARS2	seryl-tRNA synthetase 2, mitochondrial	54938	6.05E-09	1.85E-04
DDIT4L	DNA-damage-inducible transcript 4-like	115265	6.29E-09	1.92E-04
IL8	interleukin 8	3576	6.33E-09	1.93E-04
DKK1	dickkopf homolog 1	22943	6.70E-09	2.05E-04
RND3	Rho family GTPase 3	390	6.90E-09	2.11E-04
ANKRD13A	ankyrin repeat domain 13A	88455	7.16E-09	2.18E-04
RCAN1	regulator of calcineurin 1	1827	7.44E-09	2.27E-04
FHOD1	formin homology 2 domain containing 1	29109	7.62E-09	2.32E-04
SERPINB2	serpin peptidase inhibitor, clade B	5055	7.86E-09	2.40E-04
ALDH3B1	aldehyde dehydrogenase 3 family, member B1	221	7.95E-09	2.42E-04
TNFRSF10B	tumor necrosis factor receptor superfamily, member 10b	8795	8.15E-09	2.49E-04
ITGAX	integrin, alpha X (complement component 3 receptor 4)	3687	8.36E-09	2.55E-04
MIR302C	microRNA 302c	442895	9.04E-09	2.75E-04
AKR1C4	aldo-keto reductase family 1, member C4	1109	9.22E-09	2.81E-04
IL33	interleukin 33	90865	9.29E-09	2.83E-04
TUBGCP2	tubulin, gamma complex associated protein 2	10844	9.31E-09	2.84E-04
ZNF503	zinc finger protein 503	84858	9.53E-09	2.90E-04
FLJ22639	PREDICTED: hypothetical protein	79854	9.66E-09	2.94E-04
PTGES	prostaglandin E synthase	9536	9.89E-09	3.01E-04
SLC39A14	solute carrier family 39	23516	1.04E-08	3.18E-04
DAB2	disabled homolog 2, mitogen-responsive phosphoprotein	1601	1.06E-08	3.24E-04
MIR1974	microRNA 1974	100302207	1.20E-08	3.66E-04
RASD1	RAS, dexamethasone-induced 1	51655	1.29E-08	3.92E-04
HBEGF	heparin-binding EGF-like growth factor	1839	1.46E-08	4.45E-04
LOC100129104	PREDICTED: similar hydroxyproline-rich glycoprotein VSP-3	100129104	1.53E-08	4.65E-04
TNFRSF14	tumor necrosis factor receptor superfamily, member 14	8764	1.55E-08	4.71E-04
AHNAK2	AHNAK nucleoprotein 2	113146	1.63E-08	4.95E-04
MIR1275	microRNA 1275	100302123	1.75E-08	5.31E-04
ZNF385D	zinc finger protein 385D	79750	1.79E-08	5.42E-04
ZNF175	zinc finger protein 175	7728	1.89E-08	5.74E-04
XPOT	exportin, tRNA	11260	2.06E-08	6.23E-04
HSPA6	heat shock 70kDa protein 6	3310	2.38E-08	7.19E-04
IL11	interleukin 11	3589	2.41E-08	7.28E-04
CRYM	crystallin, mu	1428	2.50E-08	7.56E-04
NRGN	neurogranin (protein kinase C substrate, RC3)	4900	2.52E-08	7.61E-04
CARD10	caspase recruitment domain family, member 10	29775	2.76E-08	8.35E-04
TSPYL2	PREDICTED: TSPY-like 2, transcript variant 3 (TSPYL2)	64061	2.79E-08	8.42E-04
SGK1	serum/glucocorticoid regulated kinase 1	6446	2.89E-08	8.74E-04
RIMS3	regulating synaptic membrane exocytosis 3	9783	3.09E-08	9.33E-04
PARM1	prostate androgen-regulated mucin-like protein 1	25849	3.34E-08	1.01E-03
FOLR3	folate receptor 3 (gamma)	2352	3.45E-08	1.04E-03
KIAA0367	KIAA0367	23273	3.89E-08	1.17E-03
GADD45A	growth arrest and DNA-damage-inducible, alpha	1647	3.99E-08	1.20E-03
TNFAIP6	tumor necrosis factor, alpha-induced protein 6	7130	4.12E-08	1.24E-03
ENO2	enolase 2 (gamma, neuronal)	2026	4.47E-08	1.34E-03
ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	6482	4.59E-08	1.38E-03
ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta	397	4.60E-08	1.38E-03
SVEP1	sushi, von Willebrand factor type A, EGF and pentraxin domain containing 1	79987	4.64E-08	1.39E-03
ADM	adrenomedullin	133	4.90E-08	1.47E-03
DDR2	discoidin domain receptor tyrosine kinase 2	4921	4.96E-08	1.49E-03
LOC100132805	PREDICTED: similar to predicted protein	100132805	5.04E-08	1.51E-03

ANGPTL4	angiopoietin-like 4	51129	5.10E-08	1.53E-03
PLD6	phospholipase D family, member 6	201164	5.15E-08	1.55E-03
ACTA2	actin, alpha 2, smooth muscle, aorta	59	5.16E-08	1.55E-03
CCL2	chemokine (C-C motif) ligand 2	6347	5.31E-08	1.59E-03
SERPINB8	serpin peptidase inhibitor, clade B, member 8	5271	5.72E-08	1.72E-03
BMP2	bone morphogenetic protein 2	650	6.32E-08	1.90E-03
MMP7	matrix metallopeptidase 7 (matrilysin, uterine)	4316	6.44E-08	1.93E-03
SRGN	serglycin	5552	6.72E-08	2.01E-03
HAS3	hyaluronan synthase 3	3038	6.75E-08	2.02E-03
ITPRIP	inositol 1,4,5-triphosphate receptor interacting protein	85450	6.89E-08	2.07E-03
RFTN2	raftlin family member 2	130132	7.35E-08	2.20E-03
JMJD6	jumonji domain containing 6	23210	7.52E-08	2.25E-03
LOC642567	PREDICTED: misc_RNA	642567	7.53E-08	2.25E-03
ADAMTS1	ADAM metallopeptidase with thrombospondin type 1 motif	9510	8.05E-08	2.41E-03
ACACA	acetyl-Coenzyme A carboxylase alpha	31	8.09E-08	2.42E-03
SNORD16	small nucleolar RNA, C/D box 16	595097	8.37E-08	2.50E-03
MAP3K8	mitogen-activated protein kinase kinase kinase 8	1326	8.76E-08	2.62E-03
RRAD	Ras-related associated with diabetes	6236	9.42E-08	2.81E-03
PCOLCE	procollagen C-endopeptidase enhancer	5118	9.60E-08	2.87E-03
LRRN3	leucine rich repeat neuronal 3	54674	9.94E-08	2.97E-03
PLAUR	plasminogen activator, urokinase receptor	5329	1.01E-07	3.02E-03
SGK	serum/glucocorticoid regulated kinase	6446	1.02E-07	3.05E-03
DEDD2	death effector domain containing 2	162989	1.04E-07	3.10E-03
C4ORF7	chromosome 4 open reading frame 7	260436	1.11E-07	3.30E-03
C1QTNF1	C1q and tumor necrosis factor related protein 1	114897	1.14E-07	3.41E-03
NQO1	NAD(P)H dehydrogenase, quinone 1	1728	1.17E-07	3.48E-03
TIMP1	TIMP metallopeptidase inhibitor 1	7076	1.22E-07	3.63E-03
H1F0	H1 histone family, member 0	3005	1.28E-07	3.80E-03
LOC650832	PREDICTED: similar to MAPK kinase 3 isoform A	650832	1.34E-07	3.98E-03
TMEM132A	transmembrane protein 132A	54972	1.38E-07	4.12E-03
RNU6-15	RNA, U6 small nuclear 15	100302741	1.41E-07	4.20E-03
UBE2T	ubiquitin-conjugating enzyme E2T	29089	1.57E-07	4.66E-03
ETS2	v-ets erythroblastosis virus E26 oncogene homolog 2	2114	1.61E-07	4.79E-03
LOC338758	PREDICTED: hypothetical protein LOC338758	338758	1.68E-07	4.99E-03
PPAP2B	phosphatidic acid phosphatase type 2B	8613	1.70E-07	5.05E-03
CLDN14	claudin 14	23562	1.78E-07	5.28E-03
C21ORF7	chromosome 21 open reading frame 7	56911	1.82E-07	5.38E-03
TRAF3IP2	TRAF3 interacting protein 2	10758	1.88E-07	5.57E-03
GDF15	growth differentiation factor 15	9518	1.92E-07	5.68E-03
HIST2H2AC	histone cluster 2, H2ac	8338	2.05E-07	6.08E-03
SLIT2	slit homolog 2	9353	2.13E-07	6.30E-03
PPP1R15A	protein phosphatase 1, regulatory subunit 15A	23645	2.30E-07	6.80E-03
SRPX2	sushi-repeat-containing protein, X-linked 2	27286	2.31E-07	6.84E-03
MMP3	matrix metallopeptidase 3	4314	2.45E-07	7.23E-03
AXUD1	AXIN1 up-regulated 1	64651	2.66E-07	7.84E-03
IL1B	interleukin 1, beta	3553	3.01E-07	8.87E-03
PRSS23	protease, serine, 23	11098	3.23E-07	9.50E-03
MARCH3	PREDICTED: membrane-associated ring finger (C3HC4) 3	115123	3.25E-07	9.56E-03
BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)	64919	3.41E-07	1.00E-02
POPDC2	popeye domain containing 2	64091	3.47E-07	1.02E-02
SPHK1	sphingosine kinase 1	8877	3.49E-07	1.03E-02
STOM	stomatin	2040	3.49E-07	1.03E-02
LOC645313	PREDICTED: misc_RNA	645313	3.64E-07	1.07E-02
MAP1S	microtubule-associated protein 1S	55201	3.76E-07	1.10E-02
BEX1	brain expressed, X-linked 1	55859	3.84E-07	1.13E-02
LEPREL1	leprecan-like 1	55214	4.04E-07	1.18E-02
FLNC	filamin C, gamma	2318	4.15E-07	1.22E-02
LOC100133609	PREDICTED: similar to membrane-associated ring finger 3	100133609	4.19E-07	1.23E-02
FAM65C	family with sequence similarity 65, member C	140876	4.20E-07	1.23E-02

FAT1	FAT tumor suppressor homolog 1	2195	4.59E-07	1.34E-02
ACTG2	actin, gamma 2, smooth muscle, enteric	72	4.60E-07	1.35E-02
SIK1	salt-inducible kinase 1	150094	4.70E-07	1.38E-02
INSIG1	insulin induced gene 1	3638	4.71E-07	1.38E-02
RAB3B	RAB3B, member RAS oncogene family	5865	4.81E-07	1.41E-02
EFEMP1	EGF-containing fibulin-like extracellular matrix protein 1	2202	4.97E-07	1.45E-02
ODC1	ornithine decarboxylase 1	4953	5.04E-07	1.47E-02
TRIB1	tribbles homolog 1	10221	5.18E-07	1.52E-02
MAP2K3	mitogen-activated protein kinase kinase 3	5606	5.50E-07	1.61E-02
HMGB2	high-mobility group box 2	3148	5.55E-07	1.62E-02
QPCT	glutaminyl-peptide cyclotransferase	25797	5.69E-07	1.66E-02
ARC	activity-regulated cytoskeleton-associated protein	23237	5.69E-07	1.66E-02
TRAM2	translocation associated membrane protein 2	9697	5.90E-07	1.72E-02
SCD	stearoyl-CoA desaturase	6319	6.09E-07	1.78E-02
CITED2	Cbp/p300-interacting transactivator 2	10370	6.46E-07	1.88E-02
NSMCE4A	non-SMC element 4 homolog A	54780	6.82E-07	1.98E-02
HEBP1	heme binding protein 1	50865	6.87E-07	2.00E-02
C8ORF4	chromosome 8 open reading frame 4	56892	7.32E-07	2.13E-02
GJB2	gap junction protein, beta 2, 26kDa	2706	7.33E-07	2.13E-02
B3GALNT1	beta-1,3-N-acetylgalactosaminyltransferase 1	8706	7.44E-07	2.16E-02
C9ORF169	chromosome 9 open reading frame 169	375791	7.70E-07	2.24E-02
GPR84	G protein-coupled receptor 84	53831	7.83E-07	2.27E-02
SNORD3D	small nucleolar RNA, C/D box 3D	780854	8.14E-07	2.36E-02
PPARG	peroxisome proliferator-activated receptor gamma	5468	9.52E-07	2.76E-02
EDN1	endothelin 1	1906	9.63E-07	2.79E-02
RNU6-1	RNA, U6 small nuclear 1	26827	9.82E-07	2.84E-02
ZC3H12A	zinc finger CCCH-type containing 12A	80149	1.03E-06	2.96E-02
LOC645166	PREDICTED: similar to lymphocyte-specific protein 1	645166	1.03E-06	2.97E-02
GPD1L	glycerol-3-phosphate dehydrogenase 1-like	23171	1.04E-06	2.99E-02
TOB1	transducer of ERBB2, 1	10140	1.37E-06	3.93E-02
MT1G	metallothionein 1G	4495	1.53E-06	4.40E-02
TOP2A	topoisomerase (DNA) II alpha 170kDa	7153	1.57E-06	4.49E-02
NFIL3	nuclear factor, interleukin 3 regulated	4783	1.57E-06	4.49E-02
SLC6A15	solute carrier family 6, member 15	55117	1.65E-06	4.72E-02
ABCC2	ATP-binding cassette, sub-family C (CFTR/MRP)	1244	1.67E-06	4.77E-02
GSTA4	glutathione S-transferase A4	2941	1.68E-06	4.81E-02
TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	25976	1.69E-06	4.83E-02
ZSWIM4	zinc finger, SWIM-type containing 4	65249	1.69E-06	4.83E-02
MFAP4	microfibrillar-associated protein 4	4239	1.71E-06	4.89E-02
SHMT2	serine hydroxymethyltransferase 2	6472	1.76E-06	5.04E-02
NDRG1	N-myc downstream regulated gene 1	10397	1.88E-06	5.35E-02
MGC4677	PREDICTED: hypothetical protein	112597	1.88E-06	5.35E-02
ACPP	acid phosphatase, prostate	55	2.04E-06	5.81E-02
H2AFJ	H2A histone family, member J	55766	2.06E-06	5.87E-02
TGM2	transglutaminase 2	7052	2.10E-06	5.97E-02
PSIP1	PC4 and SFRS1 interacting protein 1	11168	2.12E-06	6.02E-02
D2HGDH	D-2-hydroxyglutarate dehydrogenase	728294	2.52E-06	7.13E-02
COG5	component of oligomeric golgi complex 5	10466	2.64E-06	7.47E-02
S1PR3	sphingosine-1-phosphate receptor 3	1903	2.67E-06	7.56E-02
TREM1	triggering receptor expressed on myeloid cells 1	54210	2.71E-06	7.66E-02
SLC1A3	solute carrier family 1	6507	2.94E-06	8.32E-02
LOC388796	hypothetical LOC388796	388796	2.95E-06	8.32E-02
NMB	neuromedin B	4828	3.26E-06	9.17E-02
LOC400027	PREDICTED: hypothetical gene supported by BC047417	400027	3.37E-06	9.49E-02
DFNA5	deafness, autosomal dominant 5	1687	3.47E-06	9.77E-02
IGFBP1	insulin-like growth factor binding protein 1	3484	3.49E-06	9.82E-02