

Supplemental data, Table 1

Analysis was performed using the Affymetrix GeneChip Operating Software (GCOS)

Signal: Expression level on the microarray

Detection: A=absent, M=marginal or P=present according to Affymetrix algorithms for designating reliable detection levels

Genes increased after treatment with 0.1, 1.0 and 2.5 mg/kg PPT

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
1.7	A	22.8	A	258.9	P	700.6	P	14.9	119.4	315.2	1425701_a_at	Rgs3	regulator of G-protein signaling 3	AF350047
6.5	A	51.4	P	1502	P	2140	P	9.8	181.0	274.4	1419669_at	Prtn3	proteinase 3	U97073
185.5	P	1440	P	6362	P	6652	P	7.0	32.0	32.0	1425107_a_at	Lifr	leukemia inhibitory factor receptor	D17444
25.9	P	125	P	65.5	P	74.7	P	5.7	2.6	3.0	1418480_at	Cxcl7	chemokine (C-X-C motif) ligand 7	NM_023785
142.6	P	1300	P	3367	P	3771	P	5.3	13.9	16.0	1419704_at	Cyp3a41	cytochrome P450, family 3, subfamily a, p	NM_017396
226.3	P	1035	P	1537	P	3103	P	4.6	7.0	13.9	1426154_s_at	Mup1 ///	major urinary protein 1 /// major urinary pro	M27608
129.3	P	531.1	P	728.5	P	890.8	P	4.6	5.7	7.0	1418835_at	Phlda1	pleckstrin homology-like domain, family A,	NM_009344
410	P	1606	P	3598	P	3696	P	3.5	7.5	8.0	1421669_at	Sult3a1	sulfotransferase family 3A, member 1	NM_020565
45	P	116.7	P	113.4	P	162.3	P	3.0	2.8	4.0	1459948_at	Ghr	growth hormone receptor	BB552070
96.5	P	255.8	P	173.7	P	287.7	P	3.0	2.0	3.5	1418989_at	Ctse	cathepsin E	NM_007799
508.8	P	1744	P	1057	P	1853	P	2.8	1.9	3.2	1454617_at	Arrdc3	arrestin domain containing 3	BG072824
59.2	A	206.1	P	1299	P	1229	P	2.6	13.9	13.0	1424534_at	Mmd2	monocyte to macrophage differentiation-as	BC025064
2.3	A	7	A	11.1	P	15.4	A	2.6	3.7	6.5	1457316_at	Mtap6	microtubule-associated protein 6	BM233608
664.1	P	1816	P	1564	P	2546	P	2.6	2.3	3.5	1417017_at	Cyp17a1	cytochrome P450, family 17, subfamily a, p	NM_007809
85.4	P	175.4	P	1446	P	1390	P	2.3	18.4	18.4	1438654_x_at	Mmd2	monocyte to macrophage differentiation-as	AV269411
65.1	P	120	P	569.3	P	1213	P	2.3	10.6	22.6	1421075_s_at	Cyp7b1	cytochrome P450, family 7, subfamily b, p	NM_007825
813	P	1623	P	2377	P	3860	P	2.3	3.0	5.7	1434110_x_at	Mup1 ///	major urinary protein 1 /// major urinary pro	BF322785
148.7	P	360	P	186.8	P	222.2	P	2.3	1.3	1.6	1426607_at	EG63364	predicted gene, EG633640	BG068672
4156	P	8894	P	8763	P	7717	P	2.1	2.0	1.9	1420465_s_at	Mup1 ///	major urinary protein 1 /// major urinary pro	NM_031188
394.1	P	953.2	P	756.1	P	585.6	P	2.1	1.5	1.5	1420438_at	Orm2	orosomucoid 2	NM_011016
37.8	A	83.8	P	159	P	116.8	P	2.0	3.5	2.8	1451588_at	1810022	RIKEN cDNA 1810022C23 gene	BC014724
192.5	P	374.4	P	451.3	P	674.7	P	2.0	2.6	4.0	1422916_at	Fgf21	fibroblast growth factor 21	NM_020013
5.8	A	13	A	12.9	P	13.8	A	2.0	2.5	2.5	1453994_at	C230094	RIKEN cDNA C230094A16 gene	AK013815
133.7	P	336.4	P	296.6	P	415.4	P	2.0	1.9	2.8	1427472_a_at	C8b	complement component 8, beta subunit	BC022129
501.2	P	973.3	P	724.3	P	1236	P	2.0	1.6	2.5	1417991_at	Dio1	deiodinase, iodothyronine, type I	NM_007860
449.6	P	1068	P	612.9	P	948.7	P	2.0	1.2	1.9	1423319_at	Hhex	hematopoietically expressed homeobox	AK014111

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
332.3	P	616.1	P	3903	P	4319	P	1.9	11.3	13.0	1429144_at	Prei4	preimplantation protein 4	AV291259
91.1	P	161.2	P	827.1	P	883.9	P	1.9	8.6	8.6	1450545_a_at	Dntt	deoxynucleotidyltransferase, terminal	AF316014
237.3	P	456.4	P	768.3	P	855.6	P	1.9	2.6	2.8	1460318_at	Csrp3	cysteine and glycine-rich protein 3	NM_013808
44.4	P	95.5	P	141.4	P	123.3	P	1.9	2.3	2.1	1449109_at	Socs2	suppressor of cytokine signaling 2	NM_007706
282.3	P	458.9	P	481	P	632.5	P	1.9	2.0	2.3	1425918_at	Egln3	EGL nine homolog 3 (C. elegans)	BC022961
56.4	P	126.4	P	128.5	P	130.1	P	1.9	1.6	2.0	1451648_a_at	Folr2	folate receptor 2 (fetal)	BC022108
53.8	P	116.6	P	65.4	P	167.8	P	1.9	1.3	3.0	1448724_at	Cish	cytokine inducible SH2-containing protein	NM_009895
16.5	P	41.2	P	214.7	P	420.3	P	1.7	11.3	24.3	1444242_at	---	---	AI606070
124.9	P	252.5	P	1052	P	2218	P	1.7	8.0	17.1	1421074_at	Cyp7b1	cytochrome P450, family 7, subfamily b, pc	NM_007825
12.2	A	28.2	M	26.1	P	21.7	A	1.7	2.1	1.6	1456897_at	---	---	BB200164
82.9	P	135.3	P	194.3	P	202	P	1.7	2.0	2.1	1419144_at	Cd163	CD163 antigen	NM_053094
89.9	P	144.9	P	155.3	P	173.3	P	1.7	1.9	1.9	1435779_at	Cep110	centrosomal protein 110	BB466021
450.1	P	813.4	P	819.3	P	899.6	P	1.7	1.7	1.7	1457263_at	Serpina3	Serine (or cysteine) peptidase inhibitor, cla	BI329779
23	P	44	P	44.4	P	67.2	P	1.7	1.6	2.8	1433512_at	Fli1	friend leukemia integration 1	BB138212
13.4	A	23.1	A	27.3	P	32.9	P	1.7	1.6	1.9	1449890_at	Ugt2b37	UDP glucuronosyltransferase 2 family, poly	NM_053215
133.4	P	200.1	P	182.3	P	252.1	P	1.7	1.3	1.9	1424022_at	Osgin1	oxidative stress induced growth inhibitor 1	BC022135
1262	P	2576	P	1591	P	1507	P	1.7	1.2	1.2	1428981_at	2810007	RIKEN cDNA 2810007J24 gene	AK012685
31.9	A	70.3	P	398.6	P	590.4	P	1.6	11.3	16.0	1419017_at	Corin	corin	NM_016869
32.6	P	73.7	P	127.9	P	177.8	P	1.6	3.2	5.3	1427410_at	Dleu2	deleted in lymphocytic leukemia, 2	BB812902
176	P	282.6	P	463.1	P	338	P	1.6	2.5	1.9	1416022_at	Fabp5	fatty acid binding protein 5, epidermal	BC002008
18.2	A	34.4	M	55.9	P	59.2	P	1.6	2.3	2.1	1438834_at	Mospd2	motile sperm domain containing 2	BB454345
640.5	P	1026	P	1423	P	1103	P	1.6	2.3	1.7	1416021_a_at	Fabp5 ///	fatty acid binding protein 5, epidermal /// si	BC002008
96	P	158.6	P	183.8	P	207.8	P	1.6	2.0	3.0	1448080_at	E2f8	E2F transcription factor 8	AI256288
129.8	P	219	P	217.6	P	244.2	P	1.6	1.7	2.1	1423867_at	Serpina3	serine (or cysteine) peptidase inhibitor, cla	BF234005
1152	P	2113	P	1742	P	1563	P	1.6	1.5	1.2	1434413_at	---	---	BG092677
61.7	P	60.7	P	81.3	P	75.8	P	1.6	1.5	1.2	1448528_at	Pdcd10	programmed cell death 10	AV094856
73.4	P	86.1	P	219.8	P	271.8	P	1.5	3.0	4.0	1444270_at	Rshl3	radial spokehead-like 3	BB312129
225.2	P	364.4	P	770.3	P	772.8	P	1.5	2.6	3.0	1453023_at	Ankhd1	ankyrin repeat and KH domain containing	AK003441
74.9	P	114.4	P	135.8	P	222.1	P	1.5	1.7	2.8	1419636_at	4833420	RIKEN cDNA 4833420G17 gene	BG067119
63.1	P	71.8	P	134	P	145.3	P	1.5	1.7	2.1	1429273_at	Bmper	BMP-binding endothelial regulator	AK014221
254.4	P	338.4	P	415.8	P	354	P	1.5	1.7	1.5	1460591_at	Esr1	estrogen receptor 1 (alpha)	AI646838
119.6	P	174.5	P	174.7	P	163.1	P	1.5	1.5	1.5	1452417_x_at	Igk-C ///	immunoglobulin kappa chain, constant reg	AV057155
171.2	P	279.1	P	242.4	P	366.3	P	1.5	1.4	2.3	1433408_a_at	Mcm10	minichromosome maintenance deficient 10	AK010648
442.1	P	654.6	P	641	P	833.5	P	1.5	1.4	1.9	1415996_at	Txnip	thioredoxin interacting protein	AF173681

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
67.2	P	121	P	104.9	P	121.4	P	1.5	1.4	1.4	1438908_at	Map3k12	mitogen activated protein kinase kinase kinase	BB370469
54.1	P	89.9	P	85.5	P	72.5	P	1.5	1.4	1.3	1426858_at	Inhbb	inhibin beta-B	BB253137
2551	P	3368	P	3009	P	2449	P	1.5	1.4	1.1	1437401_at	---	---	BG075165
74.3	P	120.8	P	93.9	P	99.9	P	1.5	1.3	1.4	1437729_at	Rpl27a	ribosomal protein L27a	BG141806
184.4	P	261.2	P	1052	P	1768	P	1.4	5.7	9.2	1420913_at	Slco2a1	solute carrier organic anion transporter family 2, member 1	NM_033314
1082	P	1446	P	4275	P	4191	P	1.4	4.0	4.3	1417828_at	Aqp8	aquaporin 8	NM_007474
101	P	143.5	P	221.5	P	222.5	P	1.4	2.3	2.5	1447227_at	Slc40a1	solute carrier family 40 (iron-regulated transporter/cationic amino acid transporter) member 1	AI504711
41.5	P	63.8	P	111.1	P	118.7	P	1.4	2.1	2.6	1446368_at	9130221	RIKEN cDNA 9130221J18 gene	AV377066
165.4	P	227.8	P	322.9	P	408.7	P	1.4	2.1	2.6	1448741_at	Slc3a1	solute carrier family 3, member 1	NM_009205
166.6	P	217.2	P	312.7	P	313.3	P	1.4	2.0	1.9	1454649_at	Srd5a1	steroid 5 alpha-reductase 1	AV003635
164.4	P	261	P	308.9	P	261	P	1.4	2.0	1.5	1452730_at	1110033	RIKEN cDNA 1110033J19 gene	AK004068
373.2	P	481.6	P	638.8	P	606.7	P	1.4	1.9	1.9	1448752_at	Car2	carbonic anhydrase 2	NM_009801
39.1	P	60.8	P	96.9	P	92.9	P	1.4	1.9	1.7	1435663_at	Esr1	estrogen receptor 1 (alpha)	AI646838
67.2	P	99.1	P	133.1	P	158.5	P	1.4	1.7	2.0	1441075_at	Nostrin	nitric oxide synthase trafficker	AW541389
104.9	P	141.3	P	156.6	P	240	P	1.4	1.6	2.3	1419635_at	4833420	RIKEN cDNA 4833420G17 gene	BG067119
270.1	P	445.2	P	544.1	P	544.2	P	1.4	1.6	1.6	1418028_at	Dct	dopachrome tautomerase	NM_010024
44.9	P	73.6	P	98.1	P	134.3	P	1.4	1.5	2.5	1439096_at	Ddo	D-aspartate oxidase	BB021589
169.1	P	212.2	P	194.7	P	270.8	P	1.4	1.2	1.7	1422833_at	Foxa2	forkhead box A2	NM_010446
524.8	P	773.5	P	676.5	P	666.1	P	1.4	1.2	1.3	1421382_at	Prlr	prolactin receptor	NM_008932
34.4	P	56.9	P	95.9	P	116.8	P	1.3	2.8	2.8	1430893_at	Mup1	major urinary protein 1	AK011413
977.1	P	1242	P	2355	P	2348	P	1.3	2.5	2.5	1427981_a_at	Csad	cysteine sulfinic acid decarboxylase	AY033912
261.4	P	348.4	P	484.3	P	561	P	1.3	2.0	2.3	1438682_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit 1	BB426164
51.6	P	68.5	P	103.7	P	87.3	P	1.3	2.0	1.9	1458245_at	LOC6347	similar to sushi domain containing 1	BM198146
81.3	P	100.9	P	132.4	P	162.1	P	1.3	1.9	2.1	1426166_at	Mup5	major urinary protein 5	M16360
93.4	P	129.5	P	171.7	P	289.1	P	1.3	1.7	3.0	1421681_at	Nrg4	neuregulin 4	NM_032002
28.6	P	46.8	P	66.5	P	51.6	P	1.3	1.7	2.0	1437461_s_at	Rnpc3	RNA-binding region (RNP1, RRM) containing protein 3	BB557441
1672	P	2232	P	2608	P	2896	P	1.3	1.6	1.6	1417590_at	Cyp27a1	cytochrome P450, family 27, subfamily a, polypeptide 1	NM_024264
271.5	P	346	P	478.6	P	427.6	P	1.3	1.6	1.5	1443889_at	9030619	RIKEN cDNA 9030619P08 gene	AI789751
300.9	P	388.9	P	435.5	P	585.9	P	1.3	1.5	2.1	1418243_at	Fcna	ficolin A	NM_007995
628.9	P	897.3	P	1740	P	4195	P	1.3	1.5	1.7	1427631_x_at	Mup3	major urinary protein 3	M16359
1068	P	1311	P	1549	P	1771	P	1.3	1.5	1.7	1433829_a_at	Hnrpa2b	heterogeneous nuclear ribonucleoprotein A2	BG064117
150.8	P	198	P	181.9	P	240.2	P	1.3	1.5	1.6	1416700_at	Rnd3	Rho family GTPase 3	BC009002
179.4	P	243.3	P	245.8	P	257.1	P	1.3	1.5	1.6	1448950_at	Il1r1	interleukin 1 receptor, type I	NM_008362
488.8	P	759.6	P	754.6	P	949.3	P	1.3	1.5	1.6	1450876_at	Cfh	complement component factor h	AI987976

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
79.6	P	115.1	P	158.3	P	143.8	P	1.3	1.5	1.5	1434512_x_at	Sfrs3 /// L	splicing factor, arginine/serine-rich 3 (SRp2	BB492363
267.6	P	343.1	P	396.6	P	341.8	P	1.3	1.5	1.2	1437218_at	Fn1	fibronectin 1	BM234360
735.2	P	1015	P	1094	P	1398	P	1.3	1.4	1.7	1417191_at	Dnajb9	DnaJ (Hsp40) homolog, subfamily B, mem	NM_013760
989	P	1328	P	1361	P	1520	P	1.3	1.4	1.5	1427459_at	Cpn2	carboxypeptidase N, polypeptide 2	BC025836
364.2	P	495.4	P	525.9	P	478.4	P	1.3	1.4	1.5	1450226_at	Prlr	prolactin receptor	NM_008932
73.4	P	93.9	P	99.3	P	108.8	P	1.3	1.3	1.3	1424261_at	Zfp672	zinc finger protein 672	BC003258
664.7	P	857.8	P	863.9	P	991.5	P	1.3	1.2	1.5	1451651_at	Vsig4	V-set and immunoglobulin domain containi	BC025105
718.2	P	930.2	P	877.3	P	953.6	P	1.3	1.2	1.2	1425853_s_at	Prlr	prolactin receptor	M22958
270.4	P	334.8	P	332.6	P	373.8	P	1.3	1.1	1.5	1435887_at	Serpina1	serine (or cysteine) peptidase inhibitor, cla	BB806208
203.7	P	240.2	P	525.7	P	676.6	P	1.2	2.3	2.8	1451788_at	F11	coagulation factor XI	AF356627
474.5	P	566.4	P	961.2	P	767.6	P	1.2	2.1	1.6	1424951_at	Baiap2l1	BAI1-associated protein 2-like 1	BC015459
501.6	P	590.7	P	851.4	P	992.8	P	1.2	1.9	2.1	1438055_at	Rarres1	retinoic acid receptor responder (tazaroten	BB035017
509.5	P	637.3	P	1758	P	1597	P	1.2	1.9	2.0	1448986_x_at	Dnase2a	deoxyribonuclease II alpha	NM_010062
74.2	P	87.2	P	114.2	P	137.7	P	1.2	1.9	1.9	1422601_at	Serpib9	serine (or cysteine) peptidase inhibitor, cla	NM_009256
552.7	P	687.5	P	1029	P	991.2	P	1.2	1.9	1.7	1451871_a_at	Ghr	growth hormone receptor	M33324
922.7	P	1155	P	1700	P	1591	P	1.2	1.7	1.6	1430896_s_at	Nudt7	nudix (nucleoside diphosphate linked moie	AK008824
1404	P	1914	P	2288	P	2545	P	1.2	1.6	1.9	1427464_s_at	Hspa5	heat shock 70kD protein 5 (glucose-regula	AJ002387
2513	P	3062	P	4059	P	4262	P	1.2	1.6	1.7	1416444_at	Elovl2	elongation of very long chain fatty acids (F	NM_019423
1052	P	1245	P	1607	P	1815	P	1.2	1.5	1.7	1435327_at	AW11203	expressed sequence AW112037	BG071867
266.1	P	320.2	P	403.2	P	438.5	P	1.2	1.5	1.6	1424350_s_at	Lpgat1	lysophosphatidylglycerol acyltransferase 1	BE987427
732.3	P	967.1	P	1162	P	1232	P	1.2	1.5	1.5	1419042_at	ligp1	interferon inducible GTPase 1	BM239828
446.5	P	819	P	911.8	P	1322	P	1.2	1.4	1.7	1434047_x_at	Hnrpa2b	heterogeneous nuclear ribonucleoprotein A	AU019883
2553	P	3142	P	3539	P	3623	P	1.2	1.4	1.5	1416064_a_at	Hspa5	heat shock 70kD protein 5 (glucose-regula	NM_022310
1939	P	2379	P	2821	P	3005	P	1.2	1.4	1.5	1419043_a_at	ligp1	interferon inducible GTPase 1	BM239828
73.8	P	100.6	P	119.7	P	144.5	P	1.2	1.4	1.5	1423142_a_at	Gtpbp4	GTP binding protein 4	AI987834
544	P	804.4	P	787.9	P	981.1	P	1.2	1.4	1.5	1423153_x_at	Cfh	complement component factor h	AI987976
226	P	267.4	P	316	P	337.9	P	1.2	1.4	1.5	1456257_at	C130065	RIKEN cDNA C130065N10 gene	BG070093
3431	P	4223	P	4995	P	4867	P	1.2	1.4	1.4	1421946_at	Crp	C-reactive protein, pentraxin-related	NM_007768
2270	P	2930	P	3223	P	3045	P	1.2	1.4	1.4	1424126_at	Alas1	aminolevulinic acid synthase 1	BC022110
320.6	P	397.4	P	704.9	P	613.6	P	1.2	1.4	1.3	1455282_x_at	Alas1	aminolevulinic acid synthase 1	AI255644
90	P	110.4	P	129.9	P	145.9	P	1.2	1.3	1.9	1419918_at	Tmed7	transmembrane emp24 protein transport d	AW545765
878.3	P	1072	P	1162	P	1361	P	1.2	1.3	1.5	1448715_x_at	Ccrn4l ///	CCR4 carbon catabolite repression 4-like (NM_010490
675.3	P	930.6	P	818.1	P	878.2	P	1.2	1.3	1.3	1426587_a_at	Stat3	signal transducer and activator of transcrip	AI325183
54.2	P	74.6	P	72.8	P	91.6	P	1.2	1.2	1.4	1452289_a_at	Rnf135	ring finger protein 135	AK010429

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
871.7	P	1095	P	1057	P	993.4	P	1.2	1.2	1.1	1448388_a_at	1110002	RIKEN cDNA 1110002B05 gene	NM_134054
231.2	P	280.5	P	266.2	P	273.3	P	1.2	1.1	1.2	1456699_s_at	A730098	RIKEN cDNA A730098D12 gene	AA561825
486.5	P	609.3	P	841.8	P	1043	P	1.1	1.6	1.9	1440993_at	AW11184	expressed sequence AW111846	BB667477
1496	P	1751	P	2472	P	2360	P	1.1	1.6	1.6	1431302_a_at	Nudt7	nudix (nucleoside diphosphate linked moiety B), dephosphorylated	AK011172
2335	P	2751	P	3646	P	3636	P	1.1	1.5	1.5	1417962_s_at	Ghr	growth hormone receptor	NM_010284
189.8	P	245.5	P	282.4	P	277.1	P	1.1	1.5	1.4	1417654_at	Sdc4	syndecan 4	BC005679
901	P	1055	P	1323	P	1418	P	1.1	1.4	1.5	1435326_at	AW11203	expressed sequence AW112037	BG071867
1238	P	1349	P	1600	P	1787	P	1.1	1.4	1.5	1438040_a_at	Hsp90b1	heat shock protein 90kDa beta (Grp94), mRNA	BE995678
360.1	P	439.6	P	463.1	P	543.4	P	1.1	1.3	1.4	1449905_at	Clec4f	C-type lectin domain family 4, member f	NM_016751
4094	P	4761	P	5009	P	4959	P	1.1	1.3	1.2	1449394_at	Slco1b2	solute carrier organic anion transporter family 1, member 2	NM_020495
3763	P	4590	P	4688	P	4941	P	1.1	1.2	1.3	1417835_at	Mug1 ///	murinoglobulin 1 /// similar to murinoglobulin 1	NM_008645
509.2	P	572.7	P	676.5	P	646.3	P	1.1	1.2	1.3	1423545_a_at	Zfp207	zinc finger protein 207	BB633247

Genes decreased after treatment with 0.1, 1.0 and 2.5 mg/kg PPT

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
47.1	P	1.5	A	8.2	A	2.4	A	-42.2	-5.7	-45.3	1417464_at	Tnnc2	troponin C2, fast	NM_009394
30.3	P	0.6	A	0.2	A	5.9	A	-39.4	-84.4	-5.3	1427520_a_at	Myh1	myosin, heavy polypeptide 1, skeletal muscle	AJ293626
30.5	P	0.2	A	0.2	A	0.3	A	-21.1	-42.2	-137.2	1427868_x_at	Myh1	myosin, heavy polypeptide 1, skeletal muscle	AJ002522
28.5	P	1.6	A	2.2	A	1.2	A	-19.7	-12.1	-32.0	1425153_at	Myh2	myosin, heavy polypeptide 2, skeletal muscle	BC008538
38.9	P	1.3	A	1.4	A	1.1	A	-16.0	-14.9	-22.6	1451203_at	Mb	myoglobin	BC025172
37.7	A	4.1	A	2.8	A	3.5	A	-10.6	-14.9	-12.1	1416889_at	Tnni2	troponin I, skeletal, fast 2	NM_009405
178.2	P	17.6	A	15.6	A	12.4	A	-8.6	-9.2	-13.0	1427735_a_at	Acta1	actin, alpha 1, skeletal muscle	M12233
7.6	A	0.7	A	0.4	A	0.8	A	-7.5	-13.0	-10.6	1442889_at	---	transcribed locus	AW123395
21.5	P	5.6	A	11.4	P	11	A	-3.2	-2.5	-2.3	1456717_at	Tead1	TEA domain family member 1	BG071163
59.7	P	14.8	A	6.3	A	2.4	A	-3.0	-8.6	-13.0	1451612_at	Mt1	metallothionein 1	BC027262
60.2	P	18.5	A	52.5	A	17	A	-3.0	-1.5	-4.0	1434350_at	Axud1	AXIN1 up-regulated 1	BG070296
102.7	A	38.2	A	35.8	A	16.9	A	-2.8	-3.2	-5.3	1450977_s_at	Ndrp1 ///	N-myc downstream regulated gene 1 /// N-myc downstream regulated gene 1	AI987929
355.8	P	120.9	P	128.5	P	68.9	P	-2.8	-2.8	-4.6	1431406_at	Agxt211	alanine-glyoxylate aminotransferase 2-like	BC022644

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
33.6	P	11.4	A	12.1	A	7.4	A	-2.6	-2.8	-2.6	1460121_at	9630010	RIKEN cDNA 9630010G10 gene	BI076710
359.5	P	142.2	P	287.1	P	202.8	P	-2.6	-1.2	-1.7	1428306_at	Ddit4	DNA-damage-inducible transcript 4	AK017926
201.4	P	63.9	P	42.4	P	49.4	M	-2.5	-3.7	-4.3	1435188_at	Gm129	gene model 129, (NCBI)	BB407125
91.9	P	36.4	P	17.8	A	22.8	A	-2.3	-3.5	-3.7	1451715_at	Mafb	v-maf musculoaponeurotic fibrosarcoma o	AW412521
159.1	P	40.9	P	71.5	P	78	P	-2.3	-2.3	-2.3	1456225_x_at	Trib3	tribbles homolog 3 (Drosophila)	BB508622
195.5	P	122.2	P	133.7	P	55.9	P	-2.3	-2.1	-5.3	1440506_at	Slc7a2	Solute carrier family 7 (cationic amino acid	BB433596
1489	P	613	P	833.8	P	456.5	P	-2.3	-1.7	-3.2	1437100_x_at	Pim3	proviral integration site 3	BB206220
2181	P	985.3	P	1454	P	1503	P	-2.3	-1.6	-1.4	1431213_a_at	1300007	RIKEN cDNA 1300007C21 gene /// predict	BG297038
1756	P	842.7	P	560.2	P	603	P	-2.1	-3.0	-2.6	1421041_s_at	Gsta1 ///	glutathione S-transferase, alpha 1 (Ya) /// g	NM_008182
158.8	P	80.6	P	73.8	P	60.3	P	-2.1	-2.3	-2.8	1421818_at	Bcl6	B-cell leukemia/lymphoma 6	U41465
74	P	31.7	A	30.5	A	40.3	A	-2.1	-2.3	-2.1	1449851_at	Per1	period homolog 1 (Drosophila)	AF022992
157	P	66.8	P	76.3	P	55.7	P	-2.1	-2.1	-2.5	1426065_a_at	Trib3	tribbles homolog 3 (Drosophila)	BC012955
518.3	P	243.4	P	275.5	P	216.2	P	-2.1	-2.0	-2.8	1433634_at	Irf2bp2 ///	interferon regulatory factor 2 binding protei	BB183385
433.1	P	178.6	P	271.8	P	132.4	P	-2.1	-1.7	-3.0	1451069_at	Pim3	proviral integration site 3	BC017621
166	P	77.3	P	121.6	P	48.1	P	-2.1	-1.5	-2.3	1433632_at	Irf2bp2 ///	interferon regulatory factor 2 binding protei	BB183385
368.7	P	173.8	P	116.5	P	76.6	P	-2.0	-3.0	-4.0	1451716_at	Mafb	v-maf musculoaponeurotic fibrosarcoma o	AW412521
574.1	P	278.7	P	263.1	P	376.1	P	-2.0	-2.3	-1.6	1417404_at	Elovl6	ELOVL family member 6, elongation of lon	NM_130450
104	P	51.3	P	49	P	64.3	P	-2.0	-1.9	-1.7	1428669_at	Bmyc	brain expressed myelocytomatosis oncoge	AK012810
25.4	P	6.8	A	8.2	A	9.5	A	-1.9	-2.8	-2.6	1452651_a_at	Myl1	myosin, light polypeptide 1	AK003182
255.3	P	138.1	P	140.3	P	115.1	P	-1.9	-2.0	-2.6	1421604_a_at	Klf3	Kruppel-like factor 3 (basic)	NM_008453
83.5	P	44.3	P	37.3	P	32.5	P	-1.9	-2.0	-2.6	1431940_at	LOC7445	hypothetical protein LOC74457	AK016900
93.1	P	52.3	P	51.9	P	51	P	-1.9	-1.9	-2.1	1427231_at	Robo1	roundabout homolog 1 (Drosophila)	BG065230
295.6	P	152.9	P	143.2	P	129.6	P	-1.9	-1.9	-2.1	1429593_at	Slc38a2	solute carrier family 38, member 2	BB030482
86.1	P	55.3	A	51.4	A	48.5	A	-1.9	-1.7	-2.1	1458049_at	---	---	BB667582
692.1	P	387	P	252	P	409.9	P	-1.9	-1.7	-1.9	1419583_at	Cbx4	chromobox homolog 4 (Drosophila Pc clas	NM_007625
56.9	P	38.9	P	36.1	P	41.2	P	-1.9	-1.7	-1.6	1437667_a_at	Bach2	BTB and CNC homology 2	AW553304
183.2	P	100.4	P	124.7	P	88.6	P	-1.9	-1.5	-2.3	1433633_at	Irf2bp2 ///	interferon regulatory factor 2 binding protei	BB183385
566.1	P	210.2	P	386.5	P	223.9	P	-1.9	-1.3	-1.9	1427844_a_at	Cebpb	CCAAT/enhancer binding protein (C/EBP)	AB012278
58.8	P	40.5	A	15.9	A	18.4	A	-1.7	-4.9	-3.7	1449153_at	Mmp12	matrix metalloproteinase 12	BC019135
157.5	P	78.1	P	52.9	P	46.9	P	-1.7	-3.2	-3.7	1421852_at	Kcnk5	potassium channel, subfamily K, member 5	AF319542
1804	P	944.1	P	643.5	P	744	P	-1.7	-2.5	-2.0	1421040_a_at	Gsta2	glutathione S-transferase, alpha 2 (Yc2)	NM_008182
88.2	P	49.7	P	35	P	25.9	P	-1.7	-2.3	-2.6	1428352_at	Arrdc2	arrestin domain containing 2	AW542672
202	P	108.7	P	92	P	73.5	P	-1.7	-2.1	-2.1	1449945_at	Ppargc1b	peroxisome proliferative activated receptor	NM_133249
116.5	P	58.4	P	43.7	P	69.1	P	-1.7	-2.1	-1.9	1456312_x_at	Gsn	gelsolin	AV224521

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
426.6	P	239.4	P	154.9	P	221.1	P	-1.7	-2.1	-1.6	1417403_at	Elovl6	ELOVL family member 6, elongation of long chain fatty acid	NM_130450
43.1	P	25.9	A	21.2	A	15.1	A	-1.7	-2.0	-2.8	1448303_at	Gpnmb	glycoprotein (transmembrane) nmb	NM_053110
53.7	P	35.3	P	30.1	P	25.1	P	-1.7	-1.7	-2.5	1450398_at	Kcnk5	potassium channel, subfamily K, member 5	AF319542
58.6	P	37.1	A	35.8	M	30	A	-1.7	-1.7	-1.7	1426850_a_at	Map2k6	mitogen activated protein kinase kinase 6	BB261602
47	P	28.9	P	24.5	P	22.7	P	-1.7	-1.6	-2.5	1416023_at	Fabp3	fatty acid binding protein 3, muscle and heart	NM_010174
58.4	P	41	P	42	P	39.1	P	-1.7	-1.6	-1.7	1454364_at	9530025	RIKEN cDNA 9530025L08 gene	BB110590
754.4	P	467.5	P	471.7	P	341.9	P	-1.7	-1.5	-2.0	1424735_at	Slc25a25	solute carrier family 25 (mitochondrial carrier)	BC019978
194.4	P	101.5	P	120.6	P	107.7	P	-1.7	-1.5	-1.9	1455345_at	Phf15	PHD finger protein 15	BI663145
146.3	P	66.4	P	93.8	P	63.8	P	-1.7	-1.4	-1.9	1419430_at	Cyp26a1	cytochrome P450, family 26, subfamily a, group 1	NM_007811
116	P	65.7	P	82.5	P	63.3	P	-1.7	-1.4	-1.9	1455493_at	Syne1	synaptic nuclear envelope 1	BI734306
343.4	P	212.6	P	104.5	P	130.6	P	-1.6	-3.5	-2.5	1425837_a_at	Ccrn4l	CCR4 carbon catabolite repression 4-like (Ccr4)	AF199491
368.2	P	217.8	P	130.2	P	56.2	P	-1.6	-2.8	-7.0	1418654_at	Hao3	hydroxyacid oxidase (glycolate oxidase) 3	NM_019545
106.4	P	68	P	45.5	P	36.2	P	-1.6	-2.6	-3.0	1423413_at	Ndrg1	N-myc downstream regulated gene 1	AI987929
271.7	P	156.6	P	97.7	P	94.5	P	-1.6	-2.5	-2.8	1420760_s_at	Ndr1	N-myc downstream regulated-like	NM_008681
76.1	P	42.1	P	35.9	P	23	P	-1.6	-2.0	-2.3	1449773_s_at	Gadd45b	growth arrest and DNA-damage-inducible 45 beta	AI323528
148.7	P	76.3	P	65.7	P	60.3	P	-1.6	-1.9	-2.0	1437110_at	2810474	RIKEN cDNA 2810474O19 gene	BM232998
120.9	P	65	P	66.6	P	35.4	P	-1.6	-1.7	-3.0	1441799_at	6030422	RIKEN cDNA 6030422H21 gene	AI098139
140.1	P	68	P	77.1	P	65.6	P	-1.6	-1.7	-1.9	1447951_at	5730403	RIKEN cDNA 5730403B10 gene	BB293177
179.4	P	104.4	P	92.2	P	77.9	P	-1.6	-1.7	-1.9	1454742_at	Rasgef1b	RasGEF domain family, member 1B	BB003229
112.5	P	54.4	P	61.5	P	49.9	P	-1.6	-1.6	-2.1	1415822_at	Scd2	stearoyl-Coenzyme A desaturase 2	BG060909
230.8	P	143.7	P	152.5	P	119.1	P	-1.6	-1.5	-1.9	1427357_at	Cda	cytidine deaminase	AK008793
188.4	P	120.5	P	123.8	P	94.6	P	-1.6	-1.5	-1.7	1416067_at	lfrd1	interferon-related developmental regulator 1	NM_013562
73.4	P	43.1	P	51.5	P	51.4	P	-1.6	-1.4	-1.5	1448277_at	Pold2	polymerase (DNA directed), delta 2, regulatory subunit	NM_008894
186.3	P	111.6	M	118.9	P	119.2	P	-1.6	-1.4	-1.3	1423321_at	Myadm	myeloid-associated differentiation marker	BI078799
161.1	P	77.6	P	106.1	P	98.6	P	-1.6	-1.3	-1.5	1436194_at	C330008	RIKEN cDNA C330008K14 gene	BE985366
187.1	P	88.6	M	96.8	A	49.6	M	-1.6	-1.2	-2.5	1426464_at	Nr1d1	nuclear receptor subfamily 1, group D, member 1	W13191
1243	P	748.3	P	1011	P	770	P	-1.6	-1.2	-1.5	1418901_at	Cebpb	CCAAT/enhancer binding protein (C/EBP) beta	NM_009883
131.7	P	101.4	P	40.3	A	49.2	A	-1.5	-3.7	-2.8	1434496_at	Plk3	polo-like kinase 3 (Drosophila)	BM947855
60.2	P	34.6	P	26.5	P	30.4	P	-1.5	-2.1	-1.6	1437171_x_at	Gsn	gelsolin	AV025667
263.7	P	108.3	P	165.5	P	106.5	P	-1.5	-2.0	-2.8	1416250_at	Btg2	B-cell translocation gene 2, anti-proliferative	NM_007570
620.8	P	393	P	297.9	P	251.8	P	-1.5	-2.0	-2.6	1452519_a_at	Zfp36	zinc finger protein 36	X14678
67.7	P	36.6	P	34.2	P	31.6	P	-1.5	-2.0	-2.1	1450268_at	Fign	fidgetin	NM_021716
92.1	P	58.1	P	46.9	A	27.1	A	-1.5	-1.9	-2.6	1423100_at	Fos	FBJ osteosarcoma oncogene	AV026617
336	P	224.9	P	182.9	P	147.9	P	-1.5	-1.9	-2.3	1425645_s_at	Cyp2b10	cytochrome P450, family 2, subfamily b, polypeptide 10	AF128849

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
164.8	P	122.4	P	91.5	P	68.6	P	-1.5	-1.7	-2.8	1423470_at	Ptbp2	polypyrimidine tract binding protein 2	BB076855
118.3	P	94	P	66.8	P	51.4	P	-1.5	-1.7	-2.5	1418191_at	Usp18	ubiquitin specific peptidase 18	NM_011909
119.9	P	114.6	P	88.9	P	71.4	P	-1.5	-1.6	-2.3	1416953_at	Ctgf	connective tissue growth factor	NM_010217
181.5	P	112	P	111.1	P	130.3	P	-1.5	-1.6	-1.4	1449405_at	Tns1	tensin 1	NM_027884
203	P	130.9	P	122.6	P	88.1	P	-1.5	-1.5	-2.1	1452359_at	AA53674	expressed sequence AA536743	BI248354
95	P	62.4	P	58.7	P	45	P	-1.5	-1.5	-1.9	1429251_at	Prdm2	PR domain containing 2, with ZNF domain	BM226301
100.1	P	68.4	P	63.6	P	46.8	P	-1.5	-1.5	-1.9	1442014_at	lfrd1	Interferon-related developmental regulator	BB531645
3191	P	2053	P	2042	P	1909	P	-1.5	-1.5	-1.7	1417880_at	G6pc	glucose-6-phosphatase, catalytic	NM_008061
391.6	P	285.6	P	268.5	P	270.7	P	-1.5	-1.5	-1.5	1459747_at	---	---	AI836671
193.8	P	109.8	P	110	P	96.9	P	-1.5	-1.5	-1.3	1435981_at	---	10 days neonate cerebellum cDNA, RIKEN	BM118398
203.3	P	129.7	P	138.9	P	106.2	P	-1.5	-1.4	-2.1	1423233_at	Cebpd	CCAAT/enhancer binding protein (C/EBP)	BB831146
660.2	P	451.6	P	392.9	P	280.5	P	-1.5	-1.4	-2.1	1427473_at	Gstm3	glutathione S-transferase, mu 3	J03953
1665	P	1050	P	1300	P	1101	P	-1.5	-1.3	-1.5	1421363_at	Cyp2c39	cytochrome P450, family 2, subfamily c, pc	NM_010003
189.5	P	151.1	P	79.8	P	67.1	P	-1.4	-2.8	-3.0	1456174_x_at	Ndrp1	N-myc downstream regulated gene 1	AV309418
45.8	P	24.5	P	18.7	P	16	P	-1.4	-2.6	-2.3	1437950_at	BC03553	cDNA sequence BC035537	BB818275
109.4	P	74.7	P	40.2	A	55.6	A	-1.4	-2.5	-1.7	1419149_at	Serpine1	serine (or cysteine) peptidase inhibitor, cla	NM_008871
449.2	P	355.7	P	262.4	P	239.5	P	-1.4	-2.1	-2.6	1452914_at	2410024	RIKEN cDNA 2410024N18 gene	AK010587
311.7	P	221.6	P	170.8	P	129.2	P	-1.4	-2.0	-2.3	1437932_a_at	Cldn1	claudin 1	AV227581
171.5	P	145.7	P	80.2	P	92.6	P	-1.4	-2.0	-2.1	1451139_at	Slc39a4	solute carrier family 39 (zinc transporter), r	BC023498
736.3	P	592.4	P	359.7	P	406.2	P	-1.4	-2.0	-1.9	1425281_a_at	Tsc22d3	TSC22 domain family 3	AF201289
47.3	P	32.1	P	20.5	P	21.5	P	-1.4	-2.0	-1.9	1457284_at	---	CDNA clone IMAGE:5256843	BB766038
149.8	P	104.8	P	66.5	P	81.7	P	-1.4	-2.0	-1.7	1435334_at	Ttc7	tetratricopeptide repeat domain 7	BG866904
279.9	P	195.9	P	165	P	121.8	P	-1.4	-1.9	-2.5	1422257_s_at	Cyp2b10	cytochrome P450, family 2, subfamily b, pc	NM_009998
137.5	P	86	P	64.9	P	52.1	P	-1.4	-1.9	-2.1	1418250_at	Arf14	ADP-ribosylation factor 4-like	NM_025404
1262	P	965.8	P	727.1	P	420.1	P	-1.4	-1.7	-3.0	1449385_at	Hsd17b6	hydroxysteroid (17-beta) dehydrogenase 6	NM_013786
124.5	P	94.4	P	87.2	P	52.8	P	-1.4	-1.7	-2.3	1450014_at	Cldn1	claudin 1	NM_016674
91.2	P	85.5	P	84.1	P	69.9	P	-1.4	-1.7	-1.9	1448272_at	Btg2	B-cell translocation gene 2, anti-proliferativ	NM_007570
132	P	93	P	80.3	P	81.7	P	-1.4	-1.7	-1.7	1456005_a_at	Bcl2l11	BCL2-like 11 (apoptosis facilitator)	BB667581
139.5	P	103.4	P	89.5	P	93.4	P	-1.4	-1.7	-1.6	1456610_at	Jmjd3	jumonji domain containing 3	AW763746
298.4	P	215.5	P	134	P	184.6	P	-1.4	-1.7	-1.5	1418257_at	Slc12a7	solute carrier family 12, member 7	BB732135
385.1	P	256.6	P	194.6	P	267.7	P	-1.4	-1.7	-1.4	1418129_at	Dhcr24	24-dehydrocholesterol reductase	BG295389
2161	P	1620	P	1350	P	1264	P	-1.4	-1.6	-1.7	1424296_at	Gclc	glutamate-cysteine ligase, catalytic subuni	BC019374
104.3	P	65.9	P	59.1	P	64	P	-1.4	-1.6	-1.6	1452294_at	Pcdh1	protocadherin 1	AK008111
1521	P	1027	P	959.3	P	753.7	P	-1.4	-1.5	-2.0	1448830_at	Dusp1	dual specificity phosphatase 1	NM_013642

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
294.1	P	171.9	P	179.3	P	160.2	P	-1.4	-1.5	-1.9	1424953_at	BC02161	cDNA sequence BC021614	BC021614
96	P	95.4	P	74.8	P	79.9	A	-1.4	-1.5	-1.7	1441042_at	Fgf1	fibroblast growth factor 1	BE688115
2358	P	1714	P	1648	P	1384	P	-1.4	-1.5	-1.6	1455959_s_at	---	---	AW825835
68.6	P	52.6	P	49.4	P	46.9	A	-1.4	-1.5	-1.5	1440844_at	Tob1	transducer of ErbB-2.1	AA242096
162.4	P	121.7	P	96.2	P	98.7	P	-1.4	-1.5	-1.5	1459238_at	---	---	AV319481
72	P	50.5	P	55.6	P	50.8	P	-1.4	-1.5	-1.4	1415812_at	Gsn	gelsolin	NM_010354
148.5	P	103.2	P	102.1	P	116.1	P	-1.4	-1.5	-1.3	1419098_at	Stom	stomatin	AF093620
52	P	33.6	P	33.5	P	35.3	P	-1.4	-1.4	-1.9	1442992_at	130004C	hypothetical LOC403343	BB361398
191.5	P	142.5	P	148.3	P	132	P	-1.4	-1.4	-1.6	1429900_at	5330406	RIKEN cDNA 5330406M23 gene	BM241296
216.2	P	196.1	P	172.2	P	135.7	P	-1.4	-1.4	-1.6	1436763_a_at	Klf9	Kruppel-like factor 9	AI267126
446.3	P	315.2	P	328.7	P	286.1	P	-1.4	-1.4	-1.5	1426690_a_at	Sreb1	sterol regulatory element binding factor 1	AI326423
484.9	P	335.5	P	344.6	P	341.6	P	-1.4	-1.4	-1.4	1454995_at	Ddah1	dimethylarginine dimethylaminohydrolase	AW556888
1336	P	994.5	P	991.8	P	779.7	P	-1.4	-1.3	-1.4	1423702_at	H1f0	H1 histone family, member 0	BC003830
210.4	P	151.2	P	162	P	88.7	P	-1.4	-1.2	-2.5	1417420_at	Ccnd1	cyclin D1	NM_007631
1117	P	880.3	P	69	P	19.1	P	-1.3	-14.9	-64.0	1449525_at	Fmo3	flavin containing monooxygenase 3	NM_008030
145	P	113.5	P	28.7	M	24.3	M	-1.3	-4.3	-4.9	1416149_at	Olig1	oligodendrocyte transcription factor 1	AB038696
261.4	P	171.4	P	87.8	P	53.9	P	-1.3	-2.8	-4.0	1416927_at	Trp53inp	transformation related protein 53 inducible	AW495711
117.9	P	83.4	P	58.1	P	69.7	P	-1.3	-2.1	-1.7	1443533_at	Ppp2r5e	Protein phosphatase 2, regulatory subunit	BM203526
355.1	P	264.6	P	186	P	173.7	P	-1.3	-2.0	-2.1	1448825_at	Pdk2	pyruvate dehydrogenase kinase, isoenzym	NM_133667
807.2	P	586.9	P	408	P	432.2	P	-1.3	-2.0	-2.0	1416368_at	Gsta4	glutathione S-transferase, alpha 4	NM_010357
70.6	P	57.2	P	41.1	P	18.7	P	-1.3	-1.9	-3.5	1455267_at	Esrrg	estrogen-related receptor gamma	BM120846
1140	P	841.5	P	546.5	P	361.9	P	-1.3	-1.9	-2.6	1418739_at	Sgk2	serum/glucocorticoid regulated kinase 2	NM_013731
137.5	P	123.5	P	79.3	P	88.5	P	-1.3	-1.9	-1.9	1424112_at	Igf2r	insulin-like growth factor 2 receptor	BG092290
694	P	581.7	P	372.8	P	421.8	P	-1.3	-1.9	-1.7	1434651_a_at	Cldn3	claudin 3	AW611462
224	P	190.4	P	135.2	P	144.7	P	-1.3	-1.9	-1.7	1442358_at	AA40958	expressed sequence AA409587	BG063085
653.1	P	513.3	P	342.3	P	328.7	P	-1.3	-1.9	-1.7	1460569_x_at	Cldn3	claudin 3	AW611462
298.1	P	247.8	P	167.5	P	187.2	P	-1.3	-1.9	-1.6	1449315_at	Odz3	odd Oz/ten-m homolog 3 (Drosophila)	NM_011857
2064	P	1598	P	1217	P	765.1	P	-1.3	-1.7	-2.8	1419573_a_at	Lgals1	lectin, galactose binding, soluble 1	NM_008495
101.1	P	80.7	P	54.4	P	39.6	P	-1.3	-1.7	-2.5	1426599_a_at	Slc2a1	solute carrier family 2 (facilitated glucose t	BM209618
624.7	P	449	P	304.9	P	193.4	P	-1.3	-1.7	-2.3	1439847_s_at	Klf12	Kruppel-like factor 12	BM249597
213.8	P	136	P	121	P	98	P	-1.3	-1.7	-2.1	1451787_at	Cyp2b10	cytochrome P450, family 2, subfamily b, pc	AF128849
207.7	P	127.3	P	89.8	P	105.1	P	-1.3	-1.7	-1.7	1425496_at	Abca3	ATP-binding cassette, sub-family A (ABC1	AK007703
171.3	P	121	P	107.2	P	78.4	P	-1.3	-1.6	-1.9	1427243_at	AA53674	expressed sequence AA536743	BI248354
275.9	P	245.3	P	202.4	P	190.5	P	-1.3	-1.6	-1.6	1427033_at	Dnmbp	dynamamin binding protein	BC025944

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh				
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
161.7	P	125.5	P	105.8	P	100.4	P	-1.3	-1.6	-1.6	1429588_at	2810474	RIKEN cDNA 2810474O19 gene	AA509870
196.4	P	159.8	P	126.5	P	129.6	P	-1.3	-1.6	-1.5	1454685_at	Gpr146	G protein-coupled receptor 146	BQ177047
145.8	P	109	P	69.2	P	91.7	P	-1.3	-1.6	-1.5	1456022_at	Hipk2	homeodomain interacting protein kinase 2	BB554636
115.6	P	71.6	P	66.3	P	73.9	P	-1.3	-1.6	-1.4	1424111_at	Igf2r	insulin-like growth factor 2 receptor	BG092290
1371	P	978.3	P	878.5	P	655.9	P	-1.3	-1.5	-2.0	1419031_at	Fads2	fatty acid desaturase 2	NM_019699
69.2	P	53.6	P	44.6	P	42.7	P	-1.3	-1.5	-1.6	1426952_at	Arhgap18	Rho GTPase activating protein 18	BB667215
139.3	P	106	P	81.7	P	73.8	P	-1.3	-1.5	-1.6	1428574_a_at	Chn2	chimerin (chimaerin) 2	AK006398
144.1	P	101.5	P	89.5	P	110.1	P	-1.3	-1.5	-1.3	1426950_at	Parp16	poly (ADP-ribose) polymerase family, mem	BC014731
2634	P	1853	P	1766	P	1129	P	-1.3	-1.4	-2.1	1427474_s_at	Gstm3	glutathione S-transferase, mu 3	J03953
250	P	186.6	P	163.1	P	156.2	P	-1.3	-1.4	-1.6	1423632_at	Gpr146	G protein-coupled receptor 146	BI103049
146.1	P	107.6	P	109	P	107.3	P	-1.3	-1.4	-1.5	1452882_at	Pgrmc2	progesterone receptor membrane compon	BF322962
141.1	P	100.4	P	97.2	P	92.5	P	-1.3	-1.4	-1.4	1426383_at	Cry2	cryptochrome 2 (photolyase-like)	BF303057
396.5	P	434.3	P	301.4	P	340.5	P	-1.3	-1.3	-1.5	1424105_a_at	Pttg1	pituitary tumor-transforming 1	AF069051
159.6	P	181.4	P	164.2	P	176.6	P	-1.3	-1.3	-1.3	1424469_a_at	Cpsf4	cleavage and polyadenylation specific fact	BC025045
369.9	P	289.2	P	300.7	P	312.8	P	-1.3	-1.3	-1.2	1416256_a_at	Tubb5	tubulin, beta 5	NM_011655
167.8	P	116.7	P	128.1	P	95.3	P	-1.3	-1.2	-1.9	1435902_at	Nudt18	nudix (nucleoside diphosphate linked moie	BM120193
2905	P	2054	P	2215	P	1900	P	-1.3	-1.2	-1.5	1449479_at	Cyp2b13	cytochrome P450, family 2, subfamily b, pc	NM_007813
3021	P	2228	P	2562	P	2035	P	-1.3	-1.1	-1.4	1419816_s_at	Errfi1	ERBB receptor feedback inhibitor 1	A1788755
279	P	207.7	P	93.5	P	100.3	P	-1.2	-2.8	-2.6	1434465_x_at	Vldlr	very low density lipoprotein receptor	AV333363
171.1	P	126.6	P	61.7	P	84.6	P	-1.2	-2.5	-2.0	1427883_a_at	Col3a1	procollagen, type III, alpha 1	AW550625
813.8	P	585.4	P	337	P	225.8	P	-1.2	-2.0	-2.8	1448181_at	Klf15	Kruppel-like factor 15	BC013486
124.4	P	96.7	P	62.7	P	46.6	P	-1.2	-2.0	-2.6	1439846_at	Klf12	Kruppel-like factor 12	BM249597
254.2	P	173.8	P	143	P	114.5	P	-1.2	-2.0	-2.1	1450641_at	Vim	vimentin	M24849
1007	P	774	P	501	P	553.6	P	-1.2	-2.0	-1.9	1420772_a_at	Tsc22d3	TSC22 domain family 3	NM_010286
859.7	P	701.1	P	449.8	P	397.2	P	-1.2	-1.9	-2.1	1425559_a_at	Acsm3	acyl-CoA synthetase medium-chain family	AB022340
226.7	P	177.6	P	114.2	P	172.4	P	-1.2	-1.9	-1.4	1426808_at	Lgals3	lectin, galactose binding, soluble 3	X16834
3200	P	2691	P	1905	P	1128	P	-1.2	-1.7	-2.8	1455439_a_at	Lgals1	lectin, galactose binding, soluble 1	AI642438
916.2	P	809.6	P	524.7	P	413.3	P	-1.2	-1.7	-2.1	1419510_at	Es22	esterase 22	NM_133660
897.9	P	702.4	P	500.3	P	445	P	-1.2	-1.7	-2.1	1448300_at	Mgst3	microsomal glutathione S-transferase 3	NM_025569
290.1	P	223.1	P	155	P	193.4	P	-1.2	-1.7	-1.5	1419045_at	Slc25a23	solute carrier family 25 (mitochondrial carri	NM_025877
237.5	P	208.6	P	155.2	P	182.3	P	-1.2	-1.7	-1.5	1424863_a_at	Hipk2	homeodomain interacting protein kinase 2	AF170301
160.6	P	130	P	96.6	P	123.6	P	-1.2	-1.7	-1.4	1455556_at	Notch2	Notch gene homolog 2 (Drosophila)	A1787996
243.6	P	207.6	P	148.2	P	155.4	P	-1.2	-1.6	-1.6	1416237_at	Eva1	epithelial V-like antigen 1	BC015076
715.5	P	557.8	P	416.6	P	430.5	P	-1.2	-1.6	-1.6	1451701_x_at	Cldn3	claudin 3	BC012650

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change				
276.6	P	220.1	P	172.1	P	158	M	-1.2	-1.6	-1.5	1437149_at	Slc6a6	solute carrier family 6 (neurotransmitter tra	AI648846
1527	P	1222	P	1059	P	848	P	-1.2	-1.5	-1.9	1416730_at	Rcl1	RNA terminal phosphate cyclase-like 1	BC004574
344.3	P	278.4	P	170.8	P	182.3	P	-1.2	-1.5	-1.6	1426382_at	Ppm1b	protein phosphatase 1B, magnesium depe	AJ271833
459.9	P	370.8	P	271.1	P	297.8	P	-1.2	-1.5	-1.5	1451731_at	Abca3	ATP-binding cassette, sub-family A (ABC1	AK007703
115.7	P	88.5	P	87.9	P	83.9	P	-1.2	-1.5	-1.4	1424677_at	Cyp2j9	cytochrome P450, family 2, subfamily j, po	AF336850
1394	P	1139	P	914.6	P	1058	P	-1.2	-1.5	-1.3	1422677_at	Dgat2	diacylglycerol O-acyltransferase 2	AK002443
320.7	P	232.6	P	185.3	P	209.4	P	-1.2	-1.5	-1.3	1451330_a_at	Inpp5b	inositol polyphosphate-5-phosphatase B	AY007563
660.8	P	559.3	P	359.5	P	480.7	P	-1.2	-1.5	-1.2	1435494_s_at	Dsp	desmoplakin	AV297961
84.9	P	59.7	P	68.7	P	63.3	P	-1.2	-1.4	-1.6	1416046_a_at	Fuca2	fucosidase, alpha-L- 2, plasma	BM054266
754.1	P	587.4	P	531	P	467	P	-1.2	-1.4	-1.6	1418746_at	Pnkd	paroxysmal nonkinesigenic dyskinesia	NM_019999
885.1	P	730.3	P	735.2	P	613.9	P	-1.2	-1.4	-1.4	1416050_a_at	Scarb1	scavenger receptor class B, member 1	NM_016741
536.2	P	428.5	P	374.1	P	370.7	P	-1.2	-1.4	-1.4	1437185_s_at	Tmsb10	thymosin, beta 10	AV148480
1259	P	936.9	P	844	P	837.3	P	-1.2	-1.4	-1.4	1452418_at	1200016	RIKEN cDNA 1200016E24 gene	BF719154
120.9	P	103.4	P	90.5	P	85.9	P	-1.2	-1.4	-1.3	1416846_a_at	Pdzrn3	PDZ domain containing RING finger 3	NM_018884
732.1	P	604.7	P	534.9	P	544.3	P	-1.2	-1.4	-1.3	1452767_at	Rrbp1	ribosome binding protein 1	AK019964
409.8	P	343.6	P	296.7	P	298.6	P	-1.2	-1.4	-1.3	1455376_at	1300010	RIKEN cDNA 1300010F03 gene	BQ176060
418	P	372.8	P	279.8	P	327.3	P	-1.2	-1.4	-1.2	1434736_at	Hlf	hepatic leukemia factor	BB744589
2090	P	1624	P	1573	P	1214	P	-1.2	-1.3	-1.7	1438390_s_at	Pttg1	pituitary tumor-transforming 1	AV105428
1134	P	936	P	829.5	P	824.8	P	-1.2	-1.3	-1.5	1417767_at	Cyb5b	cytochrome b5 type B	NM_025558
1427	P	1182	P	1064	P	971.1	P	-1.2	-1.3	-1.5	1420619_a_at	Aes	amino-terminal enhancer of split	NM_010347
184	P	145	P	140.5	P	128.3	P	-1.2	-1.3	-1.5	1455112_at	Aifm2	apoptosis-inducing factor, mitochondrion-a	BB772185
835.6	P	661.2	P	626.6	P	609.4	P	-1.2	-1.3	-1.3	1421889_a_at	Aplp2	amyloid beta (A4) precursor-like protein 2	M97216
86.4	P	60	P	64.5	P	65.5	P	-1.2	-1.3	-1.3	1448890_at	Klf2	Kruppel-like factor 2 (lung)	NM_008452
219.1	P	177.1	P	154.1	P	177.4	P	-1.2	-1.3	-1.3	1453313_at	Sesn3	sestrin 3	AK017464
2164	P	1743	P	1652	P	1705	P	-1.2	-1.3	-1.2	1416383_a_at	Pcx	pyruvate carboxylase	NM_008797
916.7	P	732.6	P	642.3	P	549	P	-1.2	-1.2	-1.6	1448844_at	Cyb5b	cytochrome b5 type B	NM_025558
6435	P	5315	P	5000	P	4316	P	-1.2	-1.2	-1.4	1416129_at	Errfi1	ERBB receptor feedback inhibitor 1	NM_133753
464.6	P	363	P	360	P	380.7	P	-1.2	-1.2	-1.2	1452354_at	2810459	RIKEN cDNA 2810459M11 gene	AK013367
185.8	P	198.1	P	119.9	P	106.3	P	-1.1	-2.1	-2.6	1415849_s_at	Stmn1	stathmin 1	BC010581
1430	P	1012	P	803.3	P	705.5	P	-1.1	-1.6	-1.7	1424338_at	Slc6a13	solute carrier family 6 (neurotransmitter tra	BC023117
478.6	P	425.8	P	323.9	P	272.6	P	-1.1	-1.6	-1.5	1426332_a_at	Cldn3	claudin 3	AF087821
1952	P	1703	P	1302	P	1048	P	-1.1	-1.5	-1.9	1449325_at	Fads2	fatty acid desaturase 2	NM_019699
1273	P	1045	P	850.5	P	704.2	P	-1.1	-1.4	-1.7	1436098_at	Bche	butyrylcholinesterase	BB667452
1380	P	1127	P	984.5	P	904.4	P	-1.1	-1.4	-1.4	1425329_a_at	Cyb5r3	cytochrome b5 reductase 3	AF332060

vehicle		PPT 0.1 mg/kg		PPT 1.0 mg/kg		PPT 2.5 mg/kg		PPT 0.1 vs veh	PPT 1.0 vs veh	PPT 2.5 vs veh				
Signal	Detection	Signal	Detection	Signal	Detection	Signal	Detection	Fold change	Fold change	Fold change	Probe Set ID	Gene Symbol	Gene Title	Representative Public ID
1263	P	1019	P	877.7	P	828.8	P	-1.1	-1.4	-1.4	1449348_at	Mpp6	membrane protein, palmitoylated 6 (MAGL)	AF199010
725.7	P	590.2	P	529.5	P	549.4	P	-1.1	-1.4	-1.3	1449202_at	Sema4g	sema domain, immunoglobulin domain (Ig)	NM_011976
1251	P	1043	P	925.8	P	628.1	P	-1.1	-1.3	-1.9	1428289_at	Klf9	Kruppel-like factor 9	AW488885
1268	P	1060	P	814.1	P	776.1	P	-1.1	-1.3	-1.6	1416049_at	Gldc	glycine decarboxylase	NM_138595
3085	P	2773	P	2283	P	2097	P	-1.1	-1.3	-1.4	1422186_s_at	Cyb5r3	cytochrome b5 reductase 3	NM_029787
1106	P	846.8	P	850.1	P	798.1	P	-1.1	-1.3	-1.3	1417560_at	Sfxn1	sideroflexin 1	BB478992
3087	P	2687	P	2321	P	2441	P	-1.1	-1.3	-1.3	1435626_a_at	Herpud1	homocysteine-inducible, endoplasmic retic	AI835088
2473	P	2121	P	2010	P	1513	P	-1.1	-1.2	-1.7	1456341_a_at	Klf9	Kruppel-like factor 9	AV354744
881.7	P	763.3	P	734.3	P	687.1	P	-1.1	-1.2	-1.3	1426400_a_at	Capns1	calpain, small subunit 1	BI159030