

N o	probes et_id	rati o	Gene	Gene full name	gene_ assig nment	ENSEMBL ID	seqn ame	start	stop
1	104816 27	7.4 64	Lcn2	lipocalin 2	NM_00849 1	ENSMUST0000 0050785	chr2	32240 156	32243 259
2	103667 74	5.0 98	Avil	advillin	NM_00963 5	ENSMUST0000 0026500	chr10	12643 7795	12645 8044
3	103889 54	4.3 47	Omg	oligodendrocyte myelin glycoprotein	NM_01940 9	ENSMUST0000 0108247	chr11	79314 840	79317 521
4	105728 97	4.2 87	Hmox 1	heme oxygenase (decycling) 1	NM_01044 2	ENSMUST0000 0005548	chr8	77617 521	77624 489
5	103505 16	4.1 99	Ptgs2	prostaglandin-endoperoxide synthase 2	NM_01119 8	ENSMUST0000 0035065	chr1	15194 7230	15195 5147
6	105666 32	3.3 87	Cyb5r 2	cytochrome b5 reductase 2	NM_17721 6	NM_00116355 7	chr7	11489 1969	11490 1510
7	103641 02	3.3 4	Chchd 10	coiled-coil-helix-coiled-coil-helix domain containing 10	NM_17532 9	ENSMUST0000 0058906	chr10	75396 212	75400 489
8	105679 95	3.2 94	Nupr1	nuclear protein 1	NM_01973 8	ENSMUST0000 0032961	chr7	13376 6403	13376 9003
9	104717 21	3.1 6	Ptgs1	prostaglandin-endoperoxide synthase 1	NM_00896 9	ENSMUST0000 0062069	chr2	36085 946	36107 792
1 0	104643 70	3.1 38	Slc18a 2	solute carrier family 18 (vesicular monoamine), member 2	NM_17252 3	ENSMUST0000 0026084	chr19	59335 386	59370 502
1	104844	3.0	P2rx3	purinergic receptor P2X, ligand-gated ion channel, 3	NM_14552		chr2	84836	84875

1	88	53			6	ENSMUST00000028465		709	991
1	105546	3.0	Stard5	StAR-related lipid transfer (START) domain containing 5	NM_02337	ENSMUST00000075418	chr7	90780	90790
2	93	31			7			510	838
1	103450	2.8	Gsta3	glutathione S-transferase, alpha 3	NM_00107	NM_010356	chr1	21230	21255
3	65	28			7353			670	640
1	104270	2.8	Nr4a1	nuclear receptor subfamily 4, group A, member 1	NM_01044	ENSMUST00000023779	chr15	10109	10110
4	35	28			4			7284	5226
1	103556	2.7	Cryba2	crystallin, beta A2	NM_02154	ENSMUST00000006721	chr1	74936	74939
5	62	89			1			508	709
1	104626	2.7	Ifit1	interferon-induced protein with tetratricopeptide repeats 1	NM_00833	ENSMUST00000102824	chr19	34715	34724
6	23	51			1			379	499
1	105075	2.7	Slc6a9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9	NM_00813	ENSMUST00000063857	chr4	11750	11754
7	00	13			5			7111	1910
1	103529	2.6	Mir29b-2	microRNA 29b-2	NR_029809	NR_015566	chr1	19686	19686
8	16	76							3234
1	103647	2.6	Reep6	receptor accessory protein 6	NM_13929	ENSMUST00000105354	chr10	79792	79799
9	84	57			2			903	186
2	103500	2.6	Cyb5r1	cytochrome b5 reductase 1	NM_02805	ENSMUST00000027726	chr1	13630	13630
0	03	39			7			2358	8315
2	103529	2.6	Mir29c	microRNA 29c	NR_029745	NR_015566	chr1	19686	19686
1	18	03							3741
2	105280	2.5	Steap	six transmembrane epithelial antigen of the prostate 1	NM_02739	ENSMUST0000	chr5	57363	57493
2	15	67			9			20	11

			1			0015796			
2 3	104560 05	2.5 49	Cd74	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)	NM_00104 2605	NM_010545	chr18	60963 502	60983 106
2 4	104077 97	2.5 32	Prl2c3	prolactin family 2, subfamily c, member 3	NM_01111 8	NM_011954	chr13	12883 083	12892 345
2 5	104286 19	2.4 97	Enpp2	ectonucleotide pyrophosphatase phosphodiesterase 2	NM_01574 4		chr15	54670 220	54751 664
2 6	105729 28	2.4 28	Rasd2	RASD family, member 2	NM_02918 2	ENSMUST0000 0041083	chr8	77737 843	77748 012
2 7	105420 93	2.4 12	Nrip2	nuclear receptor interacting protein 2	NM_02171 7	NM_00116285 8	chr6	12834 9784	12835 8950
2 8	105171 69	2.4 12	Sh3bgrl3	SH3 domain binding glutamic acid-rich protein-like 3	NM_08055 9	ENSMUST0000 0030651	chr4	13368 3321	13368 4668
2 9	106059 86	2.3 78	Slc7a3	solute carrier family 7 (cationic amino acid transporter, y+ system), member 3	NM_00751 5	ENSMUST0000 0101362	chrX	98274 543	98280 713
3 0	103713 32	2.3 46	Aldh1l2	aldehyde dehydrogenase 1 family, member L2	NM_15354 3	ENSMUST0000 0020497	chr10	82950 195	82996 807
3 1	105903 06	2.3 46	Entpd3	ectonucleoside triphosphate diphosphohydrolase 3	NM_17867 6	ENSMUST0000 0047687	chr9	12044 8961	12047 7435
3 2	105660 43	2.3 46	Lrrc51	leucine rich repeat containing 51	NM_00116 2974	NM_027053	chr7	10906 1507	10908 2320
3 3	105078 33	2.3 46	Nt5c1a	5'-nucleotidase, cytosolic IA	NM_00108 5502	ENSMUST0000 0068262	chr4	12287 8801	12289 3450
3 4	105633 38	2.3 46	Ppp1r15a	protein phosphatase 1, regulatory (inhibitor) subunit 15A	NM_00865 4	ENSMUST0000 0042105	chr7	52778 290	52781 583

3 5	104677 39	2.3 29	Avpi1	arginine vasopressin-induced 1	NM_02710 6	ENSMUST0000 0018965	chr19	42197 765	42203 517
3 6	105657 75	2.3 29	Dgat2	diacylglycerol O-acyltransferase 2	NM_02638 4	ENSMUST0000 0033001	chr7	10630 2168	10633 1227
3 7	105072 18	2.3 13	Mknk 1	MAP kinase-interacting serine threonine kinase 1	NM_02146 1		chr4	11551 1851	11555 1853
3 8	104067 36	2.2 97	F2rl2	coagulation factor II (thrombin) receptor-like 2	NM_01017 0	ENSMUST0000 0022182	chr13	96466 875	96472 694
3 9	104266 56	2.2 82	Prph	peripherin	NM_01363 9	NM_00116358 8	chr15	98885 612	98889 404
4 0	103668 81	2.2 66	Ddit3	DNA-damage inducible transcript 3	NM_00783 7	NM_00117158 2	chr10	12672 7864	12673 3344
4 1	105187 51	2.2 04	Car6	carbonic anhydrase 6	NM_00980 2	ENSMUST0000 0030817	chr4	14956 1124	14957 5270
4 2	105078 26	2.2 04	Hpcal 4	hippocalcin-like 4	NM_17499 8	ENSMUST0000 0059667	chr4	12286 0747	12287 1942
4 3	104035 79	2.2 04	Prl2c5	prolactin family 2, subfamily c, member 5	NM_18185 2	ENSMUST0000 0021778	chr13	13274 992	13284 107
4 4	104992 47	2.1 89	Ntrk1	neurotrophic tyrosine kinase, receptor, type 1	NM_00103 3124	NM_011832	chr3	87582 166	87617 892
4 5	105476 21	2.1 73	Apobc c1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1	NM_03115 9	NM_00113439 1	chr6	12252 7810	12255 2462
4	103555	2.1		transmembrane BAX inhibitor motif containing 1	NM_02715		chr1	74334	74350

6	67	73	Tmbim1		4	ENSMUST00000016309		823	734
4	105693	2.1	H19	H19 fetal liver mRNA	NR_001592		chr7	14976	14976
7	35	44						1436	2920
4	104749	2.1	Chac1	ChaC, cation transport regulator-like 1 (E. coli)	NM_026929	ENSMUST00000028780	chr2	11917	11918
8	72	29						6992	0117
4	103734	2.1	Gm129	predicted gene 129	BC132471	NM_001033302	chr10	12798	12798
9	52	29						6956	7628
5	104189	2.1	Sncg	synuclein, gamma	NM_011430	ENSMUST00000023826	chr14	35183	35187
0	21	29						460	846
5	105846	2.1	Thy1	thymus cell antigen 1, theta	NM_009382	ENSMUST00000114840	chr9	43854	43856
1	28	14						037	662
5	104527	2.0	Galnt14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14	NM_027864	ENSMUST00000024858	chr17	73842	74059
2	93	99						568	575
5	103685	2.0	Hey2	hairy enhancer-of-split related with YRPW motif 2	NM_013904		chr10	30552	30562
3	56	99						165	589
5	104448	2.0	Cdsn	corneodesmosin	NM_001008424	ENSMUST00000044804	chr17	35689	35694
4	83	85						073	128
5	103544	2.0	Obfc2a	oligonucleotide oligosaccharide-binding fold containing 2A	NM_028696		chr1	51522	51535
5	18	85						706	243
5	105932	2.0	Htr3a	5-hydroxytryptamine (serotonin) receptor 3A	NM_013561	NM_001099644	chr9	48707	48719
6	33	71						319	141
5	105754	2.0	Mtss1l	metastasis suppressor 1-like	NM_198625	ENSMUST00000052457	chr8	11324	11326
7	97	56						5384	5300

58	10525439	2.056	P2rx4	purinergic receptor P2X, ligand-gated ion channel 4	NM_011026	ENSMUST00000031429	chr5	123157566	123179053
59	10463185	2.056	Ubtd1	ubiquitin domain containing 1	NM_145500	ENSMUST00000026170	chr19	42056253	42109133
60	10389022	2.042	Myo1d	myosin ID	NM_177390	ENSMUST00000041065	chr11	80297728	80371108
61	10347910	2.028	Fbxo36	F-box protein 36	NM_025386	ENSMUST00000097672	chr1	84836430	84897059
62	10458560	2.014	Fgf1	fibroblast growth factor 1	NM_010197	ENSMUST00000040647	chr18	38998834	39078353
63	10518726	2.014	Slc25a33	solute carrier family 25, member 33	NM_027460	ENSMUST00000105686	chr4	149118145	149148376

Supplemental table 2: Genes that are upregulated (>2 fold ratio) by Sunitinib treatment of MPC 4/30 cells.