

Table S10

Down regulated genes in Foxc2 null mice glomeruli (≤ -1)

ENSEMBL_gene_id	ENSEMBL_gene_name	Clone ID	ratio	Qvalue
1 ENSMUSG00000025384		MTG_602472103	-4.834245467	0.038183539
2 ENSMUSG000000052957	Growth-arrest-specific protein 1 precursor (GAS-1). [Source:Uniprot/SWISSPROT;Acc:Q01721]	MTG_602468104	-3.664824655	0.010023521
3 ENSMUSG000000046714	Forkhead box protein C2 (Forkhead-related protein FKHL14) (Mesenchyme fork head protein 1) (Mf	gbct04_plate17_L12	-3.356323445	0.010023521
4 ENSMUSG000000043984		gbct04_plate15_G20	-3.330112427	0.010023521
5 ENSMUSG000000053113	Suppressor of cytokine signaling 3 (SOCS-3) (Cytokine-inducible SH2 protein 3) (CIS-3) (Protein EF	MTG_602468779	-3.319110572	0.010023521
6 ENSMUSG000000021250	Proto-oncogene protein c-fos (Cellular oncogene fos). [Source:Uniprot/SWISSPROT;Acc:P01101]	gbct04_plate15_L17	-3.304163465	0.010023521
7 ENSMUSG000000026602	Podocin. [Source:Uniprot/SWISSPROT;Acc:Q91X05]	gbct04_plate13_I02	-3.248753621	0.010023521
8 ENSMUSG000000035356	expreepressed sequence AA408868; molecule possessing ankyrin-repeats induced by lipopolysac	MTG_602473524	-3.235751114	0.010023521
9 ENSMUSG00000003032	Kruppel-like factor 4 (Gut enriched kruppel-like factor) (Epithelial zinc-finger protein EZF). [Source:U	gbct04_plate12_H15	-3.185155926	0.010023521
10 ENSMUSG000000023034	Orphan nuclear receptor NR4A1 (Orphan nuclear receptor HMR) (Nuclear hormone receptor NUR/7	gbct04_plate5_P12	-3.155425946	0.010023521
11 ENSMUSG00000018899	Interferon regulatory factor 1 (IRF-1). [Source:Uniprot/SWISSPROT;Acc:P15314]	MTG_602473423	-3.080891902	0.010023521
12 ENSMUSG000000038418	Early growth response protein 1 (EGR-1) (Krox-24 protein) (ZIF268) (Nerve growth factor-induced p	gbct04_plate15_N07	-3.07983384	0.010023521
13 ENSMUSG000000043964		MTG_602477440	-2.923552391	0.051657056
14 ENSMUSG000000029465	actin related protein 2/3 complex, subunit 3; actin related protein 2/3 complex, subunit 3 (21 kDa); A	gbct04_plate3_N02	-2.81750759	0.010023521
15 ENSMUSG000000028024	Glutamyl aminopeptidase (EC 3.4.11.7) (EAP) (Aminopeptidase A) (APA) (BP-1/6C3 antigen). [Sou	gbct04_plate3_P17	-2.726608673	0.010023521
16 ENSMUSG000000046324	BA207C16.3. [Source:Uniprot/SPTREMBL;Acc:Q8BIW0]	MTG_602471735	-2.699375381	0.031103199
17 ENSMUSG000000033161	Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na	MTG_602470111	-2.695188003	0.010023521
18 ENSMUSG000000022010	Regulatory protein TSC-22 (TGFB stimulated clone 22 homolog). [Source:Uniprot/SWISSPROT;Acc	gbct04_plate12_P17	-2.659714218	0.010023521
19 ENSMUSG000000028195	CYR61 protein precursor (Cysteine-rich, angiogenic inducer, 61) (Insulin-like growth factor-binding f	gbct04_plate17_M03	-2.612019513	0.010023521
20 ENSMUSG000000022580	Rhopiliin 1 (GTP-Rho binding protein 1). [Source:Uniprot/SWISSPROT;Acc:Q61085]	MTG_602469483	-2.602154809	0.010347665
21 ENSMUSG000000050010		MTG_602467234	-2.490481214	0.010023521
22 ENSMUSG00000019970	Serine/threonine-protein kinase Sgk1 (EC 2.7.1.37) (Serum/glucocorticoid-regulated kinase 1). [Sou	gbct04_plate16_D04	-2.313612487	0.010023521
23 EST		gbct04_plate5_I23	-2.290869232	0.010023521
24 ENSMUSG000000036534		gbct04_plate13_A15	-2.249922846	0.023598528
25 ENSMUSG000000037664	Cyclin-dependent kinase inhibitor 1C (Cyclin-dependent kinase inhibitor p57) (p57KIP2). [Source:Ur	gbct04_plate5_P06	-2.22014799	0.010023521
26 ENSMUSG000000052837	Transcription factor jun-B. [Source:Uniprot/SWISSPROT;Acc:P09450]	MTG_602471169	-2.135156102	0.010199373
27 ENSMUSG000000029641		gbct04_plate12_G15	-2.111032197	0.010023521
28 ENSMUSG000000030223	protein tyrosine phosphatase, receptor type, O. [Source:RefSeq;Acc:NM_011216]	gbct04_plate4_K21	-2.108349201	0.010142849
29 ENSMUSG000000033392	CLASP2. [Source:Uniprot/SPTREMBL;Acc:Q99J13]	gbct04_plate5_K01	-2.098935662	0.010113553
30 ENSMUSG000000026576	Sodium/potassium-transporting ATPase beta-1 chain (Sodium/potassium- dependent ATPase beta-	gbct04_plate4_P21	-2.090336727	0.010023521
31 ENSMUSG000000036840	Ubiquitin ligase SIAH1A (EC 6.3.2.-) (Seven in absentia homolog 1a) (Siah1a) (Siah-1a) (mSiah-1a)	MTG_602471866	-2.067053582	0.010454397
32 ENSMUSG000000044786	Tristetraproline (TTP) (TIS11A protein) (TIS11) (Zinc finger protein 36) (Zfp-36) (Growth factor-induc	MTG_602470626	-2.063159739	0.010113553
33 ENSMUSG000000055596		MTG_602468179	-2.047018471	0.011005207
34 EST		MTG_602475083	-2.045188812	0.010347665
35 ENSMUSG000000061410	BDG-29 protein. [Source:RefSeq;Acc:NM_080855]	MTG_602472127	-2.04475974	0.010347665
36 ENSMUSG000000025608	Podocalyxin-like protein 1 precursor. [Source:Uniprot/SWISSPROT;Acc:Q9R0M4]	MTG_602470001	-2.026968194	0.010023521
37 ENSMUSG000000021806	Nidogen-2 precursor (NID-2) (Entactin-2). [Source:Uniprot/SWISSPROT;Acc:O88322]	gbct04_plate7_F17	-2.021952726	0.010629783
38 ENSMUSG000000048373	fibroblast growth factor binding protein 1. [Source:RefSeq;Acc:NM_008009]	MTG_602469747	-2.011758999	0.010113553
39 ENSMUSG000000000884	Guanine nucleotide-binding protein beta subunit-like protein 1 (G protein beta-subunit like protein 1)	MTG_602468275	-1.95528152	0.010865191
40 ENSMUSG000000038612	myeloid cell leukemia sequence 1. [Source:RefSeq;Acc:NM_008562]	gbct04_plate15_O08	-1.954642716	0.010113553
41 ENSMUSG000000028691	Peroxioredoxin 1 (EC 1.11.1.-) (Thioiredoxin peroxidase 2) (Thioiredoxin- dependent peroxide reducta	MTG_602470038	-1.947231852	0.010023521
42 ENSMUSG000000052155	Activin receptor type II precursor (EC 2.7.1.37) (ACTR-II). [Source:Uniprot/SWISSPROT;Acc:P2703	MTG_602468715	-1.946067776	0.041129631
43 ENSMUSG000000022951	Calcipressin 1 (Down syndrome critical region protein 1 homolog) (Mycocyte-enriched calcineurin int	MTG_602468743	-1.944228985	0.010946264
44 ENSMUSG000000021794	Glutamate dehydrogenase, mitochondrial precursor (EC 1.4.1.3) (GDH). [Source:Uniprot/SWISSPR	gbct04_plate8_K17	-1.927441095	0.010454397
45 ENSMUSG0000000053560	T-lymphocyte activated protein (Cycloheximide-induced) (CHX1) (Immediate early response 2 prote	MTG_602471989	-1.895386942	0.010226309
46 ENSMUSG000000021477	Cathepsin L precursor (EC 3.4.22.15) (Major excreted protein) (MEP). [Source:Uniprot/SWISSPRO	gbct04_plate6_D01	-1.892374838	0.010946264
47 ENSMUSG000000054405	DnaJ (Hsp40) homolog, subfamily C, member 8. [Source:RefSeq;Acc:NM_172400]	gbct04_plate12_A05	-1.887578685	0.011025874
48 ENSMUSG000000042628	Zinc finger FYVE domain containing protein 1. [Source:Uniprot/SWISSPROT;Acc:Q810J8]	gbct04_plate16_D03	-1.880265909	0.010969798
49 ENSMUSG000000027521	Vesicle-associated membrane protein-associated protein B (VAMP- associated protein B) (VAMP-a	gbct04_plate6_F02	-1.878922274	0.011025874
50 ENSMUSG000000004415	Collagen alpha 1 (XXVI) chain precursor (EMI domain containing protein 2) (Emu2 protein) (Emilin a	gbct04_plate12_E16	-1.86273121	0.010596901
51 ENSMUSG000000047409	Nuclear LIM interactor-interacting factor 1 (NLI-interacting factor 1) (NIF-like protein). [Source:Unipr	gbct04_plate8_D11	-1.848593378	0.010429235
52 EST		gbct04_plate7_K14	-1.846051655	0.010023521
53 ENSMUSG000000039105	Vacuolar ATP synthase subunit G 1 (EC 3.6.3.14) (V-ATPase G subunit 1) (Vacuolar proton pump	gbct04_plate5_L04	-1.842757061	0.01461164
54 ENSMUSG000000036438	Calmodulin (CaM). [Source:Uniprot/SWISSPROT;Acc:P62204]	MTG_602467269	-1.825020826	0.010454397
55 EST		gbct04_plate3_I22	-1.822635958	0.010247511
56 ENSMUSG000000033478		gbct04_plate13_J23	-1.820390263	0.010319916
57 ENSMUSG00000019578	UBX domain-containing protein 1. [Source:Uniprot/SWISSPROT;Acc:Q99PL6]	MTG_602475479	-1.81106922	0.013786738
58 ENSMUSG000000027248	Protein disulfide isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa	gbct04_plate7_D11	-1.809192539	0.012935212

59	ENSMUSG00000052684	Transcription factor AP-1 (Activator protein 1) (AP1) (Proto-oncogene c-jun) (V-jun avian sarcoma v	gbct104_plate5_F11	-1.798555094	0.010347665
60	ENSMUSG00000024335	bromodomain containing 2; female sterile homeotic-related gene 1; bromodomain-containing 2. [Soi	MTG_602475562	-1.7925151	0.010761688
61	ENSMUSG00000026478	Laminin gamma-1 chain precursor (Laminin B2 chain). [Source:Uniprot/SWISSPROT;Acc:P02468]	gbct104_plate14_K04	-1.789170259	0.010429235
62	ENSMUSG00000019817	pleiomorphic adenoma gene-like 1; zinc finger protein regulator of apoptosis and cell cycle arrest. [S	MTG_602468796	-1.770919792	0.01121172
63	ENSMUSG00000025138	NAD-dependent deacetylase sirtuin 7 (EC 3.5.1.-) (SIR2-like protein 7). [Source:Uniprot/SWISSPRC	MTG_602470817	-1.769417355	0.011509002
64	EST		gbct104_plate4_O08	-1.763350781	0.010347665
65	ENSMUSG00000038766	GA binding protein beta-2-1 chain (GABP-beta-2-1 subunit) (GABPB2-1). [Source:Uniprot/SWISSPI	gbct104_plate8_F17	-1.757578853	0.030189967
66	ENSMUSG00000049090		gbct104_plate6_K19	-1.727449691	0.010347665
67	ENSMUSG00000039952	Dystroglycan precursor (Dystrophin-associated glycoprotein 1) [Contains: Alpha-dystroglycan (Alph	gbct104_plate13_K05	-1.71069212	0.01056592
68	ENSMUSG00000026769	F-box only protein 18 (EC 3.6.1.-) (F-box DNA helicase 1). [Source:Uniprot/SWISSPROT;Acc:Q8K2	MTG_602470209	-1.70634585	0.011410958
69	ENSMUSG00000029174	TBC1 domain family member 1. [Source:Uniprot/SWISSPROT;Acc:Q60949]	gbct104_plate14_O13	-1.700246104	0.011290863
70	ENSMUSG00000063694	Cytochrome c, somatic. [Source:Uniprot/SWISSPROT;Acc:P00009]	gbct104_plate16_L21	-1.694152119	0.011290863
71	ENSMUSG00000047139	Signal transducer CD24 precursor (M1/69-J11D heat stable antigen) (HSA) (Nectadrin) (LY-52) (X6	gbct104_plate14_B17	-1.68988051	0.010941426
72	EST		gbct104_plate8_M14	-1.68869955	0.010687731
73	ENSMUSG00000024190	Dual specificity protein phosphatase 1 (EC 3.1.3.48) (EC 3.1.3.16) (MAP kinase phosphatase-1) (M	gbct104_plate17_E06	-1.683693365	0.010624104
74	ENSMUSG00000051911		gbct104_plate7_M01	-1.675722238	0.011025874
75	ENSMUSG00000024486	Heparin-binding EGF-like growth factor precursor (HB-EGF) (HBEGF). [Source:Uniprot/SWISSPRO	MTG_602474945	-1.674528179	0.010347665
76	ENSMUSG00000058013	Septin 8. [Source:Uniprot/SWISSPROT;Acc:Q8CHH9]	gbct104_plate6_A12	-1.658792813	0.010578014
77	ENSMUSG00000006932	Beta-catenin. [Source:Uniprot/SWISSPROT;Acc:Q02248]	gbct104_plate8_I16	-1.656393866	0.011161839
78	ENSMUSG00000045896		gbct104_plate7_I21	-1.64174422	0.011070996
79	ENSMUSG00000035000	Dipeptidyl peptidase IV (EC 3.4.14.5) (DPP IV) (T-cell activation antigen CD26) (Thymocyte-activati	MTG_602467207	-1.629678206	0.011763355
80	ENSMUSG00000003316	Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (M	MTG_602471014	-1.628308204	0.013467934
81	ENSMUSG00000019773	F-box only protein 5; f-box only protein 31. [Source:RefSeq;Acc:NM_025995]	gbct104_plate7_D24	-1.624606057	0.010794562
82	ENSMUSG00000025265	Putative Rho/Rac guanine nucleotide exchange factor (Rho/Rac GEF) (Faciogenital dysplasia prote	MTG_602468441	-1.621867122	0.010578014
83	ENSMUSG00000036169	cystine knot-containing secreted protein; cystine-knot containing secreted protein; sclerostin-like; ec	gbct104_plate15_C01	-1.61908584	0.012409032
84	ENSMUSG00000031309	Ribosomal protein S6 kinase alpha 3 (EC 2.7.1.37) (S6K-alpha 3) (90 kDa ribosomal protein S6 kin	gbct104_plate14_M06	-1.616284665	0.011239826
85	ENSMUSG00000055235		MTG_602469686	-1.606134339	0.012189237
86	ENSMUSG00000000579		gbct104_plate17_B17	-1.603867488	0.01307543
87	ENSMUSG00000024278	Ras-related protein Rab-18. [Source:Uniprot/SWISSPROT;Acc:P35293]	MTG_602470043	-1.601974286	0.014104043
88	ENSMUSG00000058318	BRAF35/HDAC2 complex. [Source:RefSeq;Acc:NM_138755]	MTG_602476270	-1.60074301	0.012545431
89	EST		gbct104_plate10_D02	-1.600346149	0.012087862
90	ENSMUSG00000037197	Splicing factor 45 (45kDa splicing factor). [Source:Uniprot/SWISSPROT;Acc:Q8JZX4]	gbct104_plate8_E17	-1.599208618	0.016257158
91	ENSMUSG00000004567	mucolin 1. [Source:RefSeq;Acc:NM_053177]	gbct104_plate17_D10	-1.596877853	0.01121172
92	ENSMUSG00000037712	Pleckstrin homology domain containing family C member 1. [Source:Uniprot/SWISSPROT;Acc:Q8C	MTG_602468874	-1.592700716	0.011963169
93	ENSMUSG000000059005	Heterogeneous nuclear ribonucleoprotein A3 (hnRNP A3). [Source:Uniprot/SWISSPROT;Acc:Q8BC	MTG_602468265	-1.587233809	0.027245817
94	ENSMUSG00000022454	Protein kinase C-binding protein NELL2 precursor (NEL-like protein 2) (MEL91 protein). [Source:Un	gbct104_plate15_F21	-1.584697239	0.011787866
95	EST		MTG_602473460	-1.5803454	0.011469492
96	ENSMUSG00000012017	Scavenger receptor class F member 2 precursor (Scavenger receptor expressed by endothelial cell	gbct104_plate4_N21	-1.577941765	0.012087862
97	ENSMUSG00000022108	Integral membrane protein 2B (E25B protein). [Source:Uniprot/SWISSPROT;Acc:O89051]	gbct104_plate9_D20	-1.575944708	0.010941426
98	ENSMUSG00000031311	non-POU-domain-containing, octamer binding protein; non-POU-domain-containing, octamer-bindin	MTG_602477050	-1.575181993	0.024693091
99	ENSMUSG00000029484	Annexin A3 (Annexin III) (Lipocortin III) (Placental anticoagulant protein III) (PAP-III) (35-alpha calci	gbct104_plate9_E09	-1.572793555	0.013024635
100	ENSMUSG00000024735	nuclear matrix protein SNEV. [Source:RefSeq;Acc:NM_134129]	gbct104_plate12_B22	-1.57127684	0.010491286
101	ENSMUSG00000031375	Biglycan precursor (Bone/cartilage proteoglycan I) (PG-S1). [Source:Uniprot/SWISSPROT;Acc:P28	gbct104_plate7_G02	-1.567908912	0.012496998
102	ENSMUSG00000026305	leucine rich repeat (in FLII) interacting protein 1; FLAP (FLI LRR associated protein). [Source:RefSe	gbct104_plate11_P06	-1.564745285	0.01153777
103	ENSMUSG00000050919		gbct104_plate7_K05	-1.561041256	0.013242614
104	ENSMUSG00000024534	synuclein, alpha interacting protein (synphilin); synphilin-1. [Source:RefSeq;Acc:NM_026408]	MTG_602310659	-1.553592309	0.013768965
105	ENSMUSG00000012422		gbct104_plate14_G24	-1.553489588	0.013424697
106	ENSMUSG00000055708	Nucleosome assembly protein 1-like 1 (NAP-1 related protein) (Brain protein DN38). [Source:Uniprc	gbct104_plate12_B08	-1.552713555	0.013495356
107	ENSMUSG00000023905	Tumor necrosis factor receptor superfamily member Fn14 precursor (Fibroblast growth factor-induci	gbct104_plate16_H03	-1.551265428	0.011166829
108	ENSMUSG00000050530		MTG_602476555	-1.546228202	0.014063614
109	ENSMUSG00000044496		gbct104_plate13_K02	-1.545147067	0.014504341
110	ENSMUSG00000020661	DNA (cytosine-5)-methyltransferase 3A (EC 2.1.1.37) (Dnmt3a) (DNA methyltransferase MnuIIIa) (	MTG_602470913	-1.544733539	0.018609518
111	ENSMUSG00000032625		gbct104_plate8_A16	-1.541552981	0.013024635
112	ENSMUSG00000062373		MTG_602470633	-1.539252093	0.012213345
113	ENSMUSG00000026863	F-box/WD-repeat protein 2 (MD6 protein). [Source:Uniprot/SWISSPROT;Acc:Q60584]	gbct104_plate17_H15	-1.536403424	0.011115828
114	ENSMUSG00000037253		MTG_602471122	-1.534007095	0.013768965
115	ENSMUSG00000022206	Atrial natriuretic peptide clearance receptor precursor (ANP-C) (ANPRC) (NPR-C) (Atrial natriuret	MTG_602468791	-1.529715985	0.012273245
116	ENSMUSG00000026043		gbct104_plate5_M11	-1.528051055	0.024627402
117	ENSMUSG00000028252	Cyclin C. [Source:Uniprot/SWISSPROT;Acc:Q62447]	MTG_602471936	-1.527493891	0.051049625
118	ENSMUSG00000021188	Similar to golgi-associated microtubule-binding protein. [Source:Uniprot/SPTREMBL;Acc:Q8BMX5]	MTG_602475807	-1.52446811	0.053085486
119	ENSMUSG00000046916	myc target in myeloid cells 1. [Source:RefSeq;Acc:NM_026793]	gbct104_plate9_L22	-1.518158292	0.011410958

120	ENSMUSG00000061353	Stromal cell-derived factor 1 precursor (SDF-1) (CXCL12) (Pre-B cell growth stimulating factor) (PB)	gbctl04_plate12_L15	-1.516301283	0.010877799
121	ENSMUSG000000047396		gbctl04_plate12_L12	-1.510612698	0.011180082
122	ENSMUSG00000022400		MTG_602476063	-1.508733882	0.014503488
123	ENSMUSG000000036391	SEC24 related gene family, member A. [Source:RefSeq;Acc:NM_175255]	gbctl04_plate17_J15	-1.500029668	0.015058202
124	ENSMUSG00000018171		MTG_602475157	-1.498652291	0.016257158
125	ENSMUSG000000044641	Partitioning defective-6 homolog beta (PAR-6 beta) (PAR-6B). [Source:Uniprot/SWISSPROT;Acc:Q	gbctl04_plate11_J18	-1.492782059	0.01121172
126	ENSMUSG00000026879	Gelsolin precursor, plasma (Actin-depolymerizing factor) (ADF) (Brevin). [Source:Uniprot/SWISSPR	gbctl04_plate8_M19	-1.488898896	0.017566159
127	ENSMUSG00000038806		MTG_602471083	-1.48743807	0.013707302
128	ENSMUSG00000038991	Thioredoxin domain containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic retic	MTG_602470511	-1.486875485	0.010941426
129	ENSMUSG00000008384	SERTA domain-containing protein 1 (Transcriptional regulator interacting with the PHD-bromodoma	MTG_602472022	-1.485810022	0.013757419
130	ENSMUSG00000029638	glucocorticoid induced transcript 1; testhym; thymocyte/spermatocyte selection 1. [Source:RefSeq	MTG_602467575	-1.485760956	0.011895081
131	ENSMUSG00000030516	Tight junction protein ZO-1 (Zonula occludens 1 protein) (Zona occludens 1 protein) (Tight junctio	MTG_602468222	-1.483830679	0.013910905
132	ENSMUSG00000027800	Transmembrane 4 superfamily member 1 (Tumor-associated antigen L6) (Membrane component, s	gbctl04_plate11_D18	-1.482060758	0.011533915
133	ENSMUSG00000026436	ETS-domain protein Elk-4 (Serum response factor accessory protein 1) (SAP-1). [Source:Uniprot/S	MTG_602469404	-1.481904201	0.017449522
134	ENSMUSG00000021411		MTG_602467751	-1.480028874	0.014503488
135	ENSMUSG00000025078	NHL repeat containing 2. [Source:RefSeq;Acc:NM_025811]	gbctl04_plate13_O12	-1.478349714	0.011963169
136	ENSMUSG00000026509	Calpain 2, large [catalytic] subunit precursor (EC 3.4.22.53) (Calcium-activated neutral proteinase)	gbctl04_plate16_F18	-1.472018081	0.012128919
137	ENSMUSG00000003541	Radiation-inducible immediate-early gene IEX-1 (Immediate early protein GLY96) (Immediate early	MTG_602470886	-1.470562011	0.015012257
138	EST		MTG_602470663	-1.469991849	0.01283877
139	ENSMUSG000000033149	pleckstrin homology-like domain, family B, member 2. [Source:RefSeq;Acc:NM_153412]	gbctl04_plate13_F06	-1.468252443	0.01153777
140	ENSMUSG000000061705		gbctl04_plate11_G16	-1.465403004	0.01801833
141	ENSMUSG000000026139		gbctl04_plate4_L16	-1.464749996	0.010969798
142	ENSMUSG00000017631	active BCR-related gene isoform 1. [Source:RefSeq;Acc:NM_198018]	gbctl04_plate10_E07	-1.459433683	0.011742595
143	ENSMUSG000000024991	Eukaryotic translation initiation factor 3 subunit 10 (eIF-3 theta) (eIF3 p167) (eIF3 p180) (eIF3 p185)	gbctl04_plate14_L04	-1.457051881	0.013768965
144	ENSMUSG00000002308		MTG_602476268	-1.455578032	0.011963169
145	ENSMUSG00000019920	LIM and senescent cell antigen-like domains 1; LIM and senescent cell antigen-like domains 1-like.	MTG_602467171	-1.452137462	0.014492814
146	ENSMUSG000000056486	N-chimaerin (NC) (N-chimerin) (Alpha chimerin) (A-chimaerin) (Rho- GTPase-activating protein 2).	gbctl04_plate8_D24	-1.447214748	0.027699079
147	ENSMUSG000000025810	Neuropilin-1 precursor (A5 protein). [Source:Uniprot/SWISSPROT;Acc:P97333]	gbctl04_plate6_O15	-1.446513711	0.015659032
148	ENSMUSG000000025351	CD63 antigen. [Source:Uniprot/SWISSPROT;Acc:P41731]	gbctl04_plate3_N10	-1.443726947	0.0176737
149	ENSMUSG000000022757	Trk-fused gene. [Source:RefSeq;Acc:NM_019678]	MTG_602467872	-1.442972966	0.011239826
150	ENSMUSG000000005656	sorting nexin 6. [Source:RefSeq;Acc:NM_026998]	MTG_602475393	-1.440945611	0.023297915
151	ENSMUSG000000021759	Lipid phosphate phosphohydrolase 1 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2a) (Phosphatid	MTG_602469795	-1.437635926	0.011025874
152	ENSMUSG000000032050	Radixin (ESP10). [Source:Uniprot/SWISSPROT;Acc:P26043]	gbctl04_plate6_O07	-1.431903208	0.014044883
153	ENSMUSG000000040396		gbctl04_plate16_L18	-1.431003374	0.016465305
154	ENSMUSG000000061904	Phosphate carrier protein, mitochondrial precursor (PTP). [Source:Uniprot/SWISSPROT;Acc:Q8VEI	MTG_602470104	-1.430596976	0.011394259
155	ENSMUSG00000002250	Peroxisome proliferator activated receptor delta (PPAR-delta) (PPAR- beta) (Nuclear hormone rece	MTG_602476773	-1.429115884	0.012545431
156	ENSMUSG000000025019	Mblk1-related protein-2; transcription factor MLR2. [Source:RefSeq;Acc:NM_172154]	gbctl04_plate5_K20	-1.426076192	0.015672616
157	ENSMUSG000000020611	Guanine nucleotide-binding protein, alpha-13 subunit (G alpha 13). [Source:Uniprot/SWISSPROT;A	MTG_602469119	-1.424967998	0.014281004
158	ENSMUSG000000048970		MTG_602471543	-1.424469774	0.014492814
159	ENSMUSG000000038106		MTG_602470625	-1.4234819	0.013885474
160	ENSMUSG000000027210	Homeobox protein Meis2 (Meis1-related protein 1). [Source:Uniprot/SWISSPROT;Acc:P97367]	MTG_602471627	-1.418027244	0.035192681
161	ENSMUSG000000026584	ezrin-binding partner PACE-1. [Source:RefSeq;Acc:NM_028776]	MTG_602471190	-1.41691244	0.017449522
162	ENSMUSG000000031563	similar to BH3-only member B protein. [Source:RefSeq;Acc:NM_133791]	gbctl04_plate10_E13	-1.415776412	0.01427974
163	ENSMUSG000000052062	Amyotrophic lateral sclerosis 2 chromosome region candidate gene protein 19 homolog (Partitioning	MTG_602468054	-1.414685948	0.016352389
164	ENSMUSG000000037795	Similar to CDNA FLJ10680 FIS (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8BX85]	gbctl04_plate5_K14	-1.413353412	0.018165414
165	ENSMUSG000000020520	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10; UDP-N-ac	MTG_602469266	-1.412545688	0.018505841
166	ENSMUSG000000039262		MTG_602467927	-1.412177246	0.02367761
167	ENSMUSG000000025428	ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14). [Source:Uniprot/SWISSPROT;Ac	gbctl04_plate5_J14	-1.411761749	0.011763355
168	ENSMUSG000000024359	Stress-70 protein, mitochondrial precursor (75 kDa glucose regulated protein) (GRP 75) (Peptide-bi	gbctl04_plate17_N04	-1.406102259	0.01570018
169	ENSMUSG000000021278	Amnionless protein precursor. [Source:Uniprot/SWISSPROT;Acc:Q99JB7]	gbctl04_plate16_Q09	-1.403061966	0.015080913
170	ENSMUSG000000036206	SH3-domain binding protein 4. [Source:RefSeq;Acc:NM_133816]	gbctl04_plate16_O10	-1.402490973	0.01307543
171	ENSMUSG000000022231	Semaphorin 5A precursor (Semaphorin F) (Sema F). [Source:Uniprot/SWISSPROT;Acc:Q62217]	MTG_602469618	-1.396700149	0.035598124
172	ENSMUSG000000063847	differential display and activated by p53; p53-regulated DDA3. [Source:RefSeq;Acc:NM_019976]	gbctl04_plate5_C22	-1.396361173	0.014610285
173	ENSMUSG000000019942	Cell division control protein 2 homolog (EC 2.7.1.37) (p34 protein kinase) (Cyclin-dependent kinase	MTG_602310548	-1.390418974	0.011858636
174	ENSMUSG00000006498	Polypyrimidine tract-binding protein 1 (PTB) (Heterogeneous nuclear ribonucleoprotein I) (hnRNP I)	MTG_602471265	-1.389974318	0.01594587
175	ENSMUSG000000022285	14-3-3 protein zeta/delta (Protein kinase C inhibitor protein-1) (KCIP-1) (Mitochondrial import stimu	MTG_602469419	-1.388726695	0.021684334
176	ENSMUSG000000031592	pericentriolar material 1. [Source:RefSeq;Acc:NM_023662]	gbctl04_plate13_B02	-1.387204265	0.017051657
177	ENSMUSG000000031502	Collagen alpha 1(IV) chain precursor. [Source:Uniprot/SWISSPROT;Acc:P02463]	gbctl04_plate10_H14	-1.386129495	0.011469492
178	ENSMUSG000000026842	Proto-oncogene tyrosine-protein kinase ABL1 (EC 2.7.1.112) (p150) (c- ABL). [Source:Uniprot/SWI	MTG_602476331	-1.384911848	0.015373815
179	ENSMUSG000000003411	Ras-related protein Rab-3B. [Source:Uniprot/SWISSPROT;Acc:Q9CZT8]	gbctl04_plate7_I24	-1.373416344	0.017291215
180	ENSMUSG000000041837	Programmed cell death protein 7 (ES18). [Source:Uniprot/SWISSPROT;Acc:Q9WTY1]	MTG_602473115	-1.373021802	0.036822735

181	ENSMUSG00000020733	Ezrin-radixin-moesin binding phosphoprotein 50 (EBP50) (Na(+)/H(+) exchange regulatory cofactor	MTG_602471059	-1.369453199	0.016318948
182	ENSMUSG00000059435	solute carrier family 31, member 2. [Source:RefSeq;Acc:NM_025286]	gbctl04_plate13_A12	-1.368967243	0.011963169
183	ENSMUSG00000063214	60S ribosomal protein L27. [Source:Uniprot/SWISSPROT;Acc:P61358]	gbctl04_plate7_M22	-1.36830925	0.018165414
184	ENSMUSG00000004771	Ras-related protein Rab-11A (Rab-11) (24KG) (YL8). [Source:Uniprot/SWISSPROT;Acc:P24410]	MTG_602467221	-1.36735485	0.013285445
185	ENSMUSG00000020552	D-glycosaminyl 3-O-sulfotransferase-3B. [Source:RefSeq;Acc:NM_018805]	gbctl04_plate16_J03	-1.365106692	0.016352389
186	ENSMUSG00000032413	Ras GTPase-activating protein 2 (GAP1m). [Source:Uniprot/SWISSPROT;Acc:P58069]	MTG_602467736	-1.364624563	0.017274169
187	ENSMUSG00000010608		MTG_602469719	-1.364306275	0.020410565
188	ENSMUSG00000022895	C-ETS-2 protein. [Source:Uniprot/SWISSPROT;Acc:P15037]	MTG_602472927	-1.363651272	0.013424697
189	ENSMUSG00000008999	Bone morphogenetic protein 7 precursor (BMP-7) (Osteogenic protein 1) (OP-1). [Source:Uniprot/S	MTG_602473210	-1.361068495	0.017398242
190	ENSMUSG00000038150	ORM1-like 3. [Source:RefSeq;Acc:NM_025661]	MTG_602471585	-1.357646782	0.012496998
191	ENSMUSG00000058056	Strain Swiss Webster/NIH actin-associated protein palladin (Fragment). [Source:Uniprot/SPTREMB	gbctl04_plate14_O03	-1.352931677	0.015080913
192	ENSMUSG00000027109	Transcription factor Sp3 (Fragment). [Source:Uniprot/SWISSPROT;Acc:O70494]	MTG_602469009	-1.350281126	0.019234755
193	ENSMUSG00000036934		gbctl04_plate15_D09	-1.349341311	0.013250141
194	ENSMUSG00000034640		gbctl04_plate11_O07	-1.34673052	0.012990079
195	ENSMUSG00000021832	26S protease regulatory subunit S10B (Proteasome subunit p42) (Proteasome 26S subunit ATPase	gbctl04_plate16_N23	-1.344468607	0.013158291
196	ENSMUSG00000018770	ATP synthase lipid-binding protein, mitochondrial precursor (EC 3.6.3.14) (ATP synthase proteolipic	gbctl04_plate14_H18	-1.343203747	0.015012257
197	ENSMUSG00000033411		gbctl04_plate8_D10	-1.343100149	0.020141323
198	ENSMUSG00000024065		MTG_602468435	-1.340671397	0.019966126
199	ENSMUSG00000024942	Calpain 1, large [catalytic] subunit (EC 3.4.22.52) (Calcium-activated neutral proteinase) (CANP) (M	MTG_602473942	-1.33864182	0.01640579
200	ENSMUSG00000025503	Transaldolase (EC 2.2.1.2). [Source:Uniprot/SWISSPROT;Acc:Q93092]	MTG_602477145	-1.335433821	0.016055936
201	ENSMUSG00000051235		gbctl04_plate14_H10	-1.334124627	0.014454801
202	ENSMUSG00000016319	ADP,ATP carrier protein, fibroblast isoform (ADP/ATP translocase 2) (Adenine nucleotide translocat	gbctl04_plate11_B11	-1.334037632	0.011247323
203	ENSMUSG00000044155	U6 snRNA-associated Sm-like protein LSM8. [Source:RefSeq;Acc:NM_133939]	MTG_602474506	-1.327582439	0.02028174
204	ENSMUSG00000040652	Ornithine decarboxylase antizyme 2 (ODC-Az 2) (AZ2) (Seizure-related protein 15). [Source:Uniprot	gbctl04_plate5_G13	-1.323011479	0.012087862
205	EST		MTG_602310653	-1.315794283	0.021395157
206	ENSMUSG00000042834		gbctl04_plate7_M18	-1.313617679	0.020785866
207	ENSMUSG00000017421	zinc finger protein 207. [Source:RefSeq;Acc:NM_011751]	gbctl04_plate16_N15	-1.310051834	0.018609518
208	EST		MTG_602468736	-1.309932551	0.015927206
209	ENSMUSG00000016458	Wilms' tumor protein homolog. [Source:Uniprot/SWISSPROT;Acc:P22561]	gbctl04_plate15_D10	-1.30712551	0.013660942
210	ENSMUSG00000032458	Coatamer beta' subunit (Beta'-coat protein) (Beta'-COP) (p102). [Source:Uniprot/SWISSPROT;Acc:	gbctl04_plate9_F02	-1.306278048	0.017649308
211	ENSMUSG00000016382	plastin 3 precursor; T-plastin; plastin 3, T. [Source:RefSeq;Acc:NM_145629]	MTG_602467253	-1.305468521	0.011759879
212	ENSMUSG00000037373	C-terminal binding protein 1 (EC 1.1.1.-) (CtBP1). [Source:Uniprot/SWISSPROT;Acc:O88712]	gbctl04_plate9_O06	-1.303518585	0.01179163
213	ENSMUSG00000040586	oral-facial-digital syndrome 1 gene homolog. [Source:RefSeq;Acc:NM_177429]	gbctl04_plate13_F03	-1.303043277	0.018201536
214	ENSMUSG00000047881		gbctl04_plate17_E23	-1.302534712	0.019341606
215	ENSMUSG00000004642	Histone RNA hairpin-binding protein (Histone stem-loop binding protein). [Source:Uniprot/SWISSPR	MTG_602467758	-1.301746459	0.016552787
216	ENSMUSG00000050199	G protein-coupled receptor LGR4 homolog (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8BXS9]	gbctl04_plate10_C08	-1.29865008	0.018167633
217	ENSMUSG00000019877	Tumor differentially expressed protein 2 (Tumor differentially expressed 1 protein like) (Membrane p	MTG_602474536	-1.297640352	0.013768965
218	ENSMUSG00000006205	Serine protease HTRA1 precursor (EC 3.4.21.-). [Source:Uniprot/SWISSPROT;Acc:Q9R118]	MTG_602469553	-1.295424477	0.018768028
219	ENSMUSG000000056153	Suppressor of cytokine signaling 4 (SOCS-4) (Cytokine-inducible SH2 protein 4) (CIS-4). [Source:U	MTG_602471518	-1.295346716	0.01594587
220	ENSMUSG00000025626	PHD finger protein 6. [Source:Uniprot/SWISSPROT;Acc:Q9D4J7]	gbctl04_plate12_D17	-1.295096849	0.020433678
221	ENSMUSG00000026763		gbctl04_plate10_K15	-1.295063655	0.019234755
222	EST		gbctl04_plate3_I19	-1.288599512	0.017569179
223	ENSMUSG00000041995		MTG_602468705	-1.286502566	0.014503488
224	ENSMUSG00000028609	Mago nashi protein homolog. [Source:Uniprot/SWISSPROT;Acc:P61327]	MTG_602476920	-1.28648772	0.021011378
225	ENSMUSG00000039910	Cbp/p300-interacting transactivator 2 (MSG-related protein 1) (MRG1 protein). [Source:Uniprot/SWI	gbctl04_plate15_M02	-1.283968955	0.015273229
226	ENSMUSG000000053907	methionine adenosyltransferase II, alpha. [Source:RefSeq;Acc:NM_145569]	gbctl04_plate12_C01	-1.280998749	0.012391716
227	ENSMUSG00000027435	Complement component C1q receptor precursor (Complement component 1, q subcomponent, rece	gbctl04_plate13_N19	-1.279237388	0.02101632
228	ENSMUSG00000022198	Polyadenylate-binding protein 2 (Poly(A)-binding protein 2) (PolyA binding protein II) (PABII) (Polya	gbctl04_plate6_J22	-1.279213502	0.012273245
229	ENSMUSG00000040028	ELAV-like protein 1 (Hu-antigen R) (HuR) (Elav-like generic protein) (MeiG). [Source:Uniprot/SWISS	MTG_602468974	-1.278870846	0.01570018
230	ENSMUSG00000040998	nephronectin. [Source:RefSeq;Acc:NM_033525]	gbctl04_plate5_G16	-1.276651826	0.017852111
231	ENSMUSG00000036093	ADP-ribosylation factor-like protein 5. [Source:Uniprot/SWISSPROT;Acc:Q80ZU0]	gbctl04_plate14_H11	-1.275741048	0.021398428
232	EST		MTG_602476386	-1.274682584	0.035289023
233	ENSMUSG00000017776	Proto-oncogene C-crk (P38) (Adapter molecule crk). [Source:Uniprot/SWISSPROT;Acc:Q64010]	MTG_602468536	-1.272569004	0.019127503
234	ENSMUSG00000043252	RIKEN cDNA 9630015D15; CG11367 gene product. [Source:RefSeq;Acc:NM_181401]	MTG_602472690	-1.272093747	0.016344172
235	ENSMUSG00000035353	RAS guanyl releasing protein 3. [Source:RefSeq;Acc:NM_207246]	gbctl04_plate16_I16	-1.270496928	0.019639289
236	EST		MTG_602475265	-1.269659966	0.019639289
237	ENSMUSG000000031778	Fractalkine precursor (CX3CL1) (Neurotactin) (CX3C membrane-anchored chemokine) (Small induc	MTG_602476781	-1.267348923	0.019966126
238	ENSMUSG00000000149	Guanine nucleotide-binding protein, alpha-12 subunit (G alpha 12). [Source:Uniprot/SWISSPROT;A	MTG_602472837	-1.266456231	0.023427161
239	EST		gbctl04_plate17_M02	-1.258007243	0.031709368
240	ENSMUSG00000030315	vestigial like 4; cDNA sequence BC048841. [Source:RefSeq;Acc:NM_177683]	gbctl04_plate13_K20	-1.257651696	0.014918549
241	ENSMUSG00000024247		MTG_602469551	-1.257253195	0.015609925

242	ENSMUSG00000019960	Dual specificity protein phosphatase 6 (EC 3.1.3.48) (EC 3.1.3.16) (Mitogen-activated protein kinase	MTG_602469720	-1.256198732	0.025859671
243	ENSMUSG00000004947	Deltex protein 2 (Deltex-2) (Deltex2) (mDTX2). [Source:Uniprot/SWISSPROT;Acc:Q8R3P2]	MTG_602477503	-1.255901048	0.017953753
244	ENSMUSG00000021012	NY-REN-37 antigen homolog. [Source:Uniprot/SPTREMBL;Acc:Q8BJ05]	MTG_602474312	-1.252372096	0.020257703
245	ENSMUSG00000030790	ADM precursor [Contains: Adrenomedullin (AM); Proadrenomedullin N-20 terminal peptide (ProAM-	gbctl04_plate12_K23	-1.246746931	0.016453831
246	ENSMUSG00000041040		MTG_602474026	-1.244323574	0.017330208
247	ENSMUSG00000027509	RAE1 RNA export 1 homolog. [Source:RefSeq;Acc:NM_175112]	MTG_602472221	-1.24374487	0.024599768
248	ENSMUSG00000002393	Orphan nuclear receptor EAR-2 (V-erbA related protein EAR-2). [Source:Uniprot/SWISSPROT;Acc:	MTG_602471620	-1.24334387	0.018213902
249	ENSMUSG00000020840	bleomycin hydrolase; BLM hydrolase. [Source:RefSeq;Acc:NM_178645]	MTG_602471931	-1.240825115	0.019966126
250	ENSMUSG00000041012	Chemokine-like factor super family member 8. [Source:Uniprot/SWISSPROT;Acc:Q9CZR4]	MTG_602475386	-1.239968666	0.015373815
251	EST		MTG_602472371	-1.239201876	0.01574617
252	ENSMUSG00000036568	MKIAA0240 protein (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8CHH5]	MTG_602473931	-1.234620494	0.018165414
253	ENSMUSG00000027523	Guanine nucleotide-binding protein G(s), alpha subunit (Adenylate cyclase-stimulating G alpha prot	gbctl04_plate11_L06	-1.234013526	0.015429794
254	ENSMUSG000000027102	Homeobox protein Hox-D8 (Hox-4.3) (Hox-5.4). [Source:Uniprot/SWISSPROT;Acc:P23463]	MTG_602139063	-1.231817357	0.014752929
255	ENSMUSG00000025035	ADP-ribosylation factor-like protein 3. [Source:Uniprot/SWISSPROT;Acc:Q9WUL7]	gbctl04_plate14_G08	-1.228740691	0.021365217
256	ENSMUSG00000024219	Ankyrin repeat and SAM domain containing protein 1. [Source:Uniprot/SWISSPROT;Acc:P59672]	MTG_602468387	-1.226937669	0.018127263
257	ENSMUSG00000028410	DnaJ homolog subfamily A member 1 (Heat shock 40 kDa protein 4) (DnaJ protein homolog 2) (HS.	gbctl04_plate15_G15	-1.223278219	0.039743359
258	ENSMUSG00000014769	Proteasome subunit beta type 1 (EC 3.4.25.1) (Proteasome component C5) (Macropain subunit C5)	MTG_602471165	-1.221363289	0.015700018
259	ENSMUSG00000057236	Chromatin assembly factor 1 subunit C (CAF-1 subunit C) (Chromatin assembly factor I p48 subunit	gbctl04_plate7_M17	-1.221042268	0.015088117
260	ENSMUSG00000049047	ALEX3 protein. [Source:RefSeq;Acc:NM_027870]	MTG_602472191	-1.219326798	0.022165285
261	ENSMUSG00000034300		MTG_602477021	-1.213523162	0.020359363
262	ENSMUSG00000048971		MTG_602475730	-1.212584843	0.013910905
263	ENSMUSG00000034575	polymerase (DNA directed) sigma. [Source:RefSeq;Acc:NM_198600]	MTG_602467195	-1.210686016	0.018407682
264	ENSMUSG00000002980	Lutheran blood group (Auberger b antigen included); lutheran glycoprotein. [Source:RefSeq;Acc:NM	gbctl04_plate16_E13	-1.210160092	0.024400158
265	ENSMUSG000000022403	Hsc70-interacting protein (Hip) (Putative tumor suppressor ST13). [Source:Uniprot/SWISSPROT;Ac	gbctl04_plate7_C21	-1.210130133	0.013550316
266	ENSMUSG00000007411	MAP/microtubule affinity-regulating kinase 3; ELKL motif kinase 2 long form. [Source:RefSeq;Acc:N	MTG_602476469	-1.209859077	0.019878623
267	ENSMUSG000000021127	Butyrate response factor 1 (TIS11B protein). [Source:Uniprot/SWISSPROT;Acc:P23950]	gbctl04_plate14_C03	-1.207607337	0.015373815
268	ENSMUSG00000029669	transmembrane 4 superfamily member 12; EST AI426782. [Source:RefSeq;Acc:NM_173007]	gbctl04_plate15_L16	-1.206994262	0.02878508
269	ENSMUSG00000032249	Acidic leucine-rich nuclear phosphoprotein 32 family member A (Potent heat-stable protein phospho	MTG_602476168	-1.20491355	0.017372406
270	ENSMUSG00000037573	Tob1 protein (Transducer of erbB-2 1). [Source:Uniprot/SWISSPROT;Acc:Q61471]	gbctl04_plate4_H02	-1.203893373	0.020749538
271	ENSMUSG00000031957	chymotrypsinogen B. [Source:RefSeq;Acc:NM_025583]	gbctl04_plate7_P16	-1.203279296	0.02186794
272	ENSMUSG00000021676		gbctl04_plate13_P24	-1.202964569	0.022538195
273	EST		gbctl04_plate7_K15	-1.202698044	0.020219522
274	EST		MTG_602310626	-1.201944363	0.021032963
275	ENSMUSG00000040856	Delta-like protein precursor (DLK) (Preadipocyte factor 1) (Pref-1) (Adipocyte differentiation inhibitor	MTG_602467549	-1.200350409	0.018165414
276	EST		gbctl04_plate5_M19	-1.199284769	0.018688767
277	EST		MTG_602467369	-1.198249385	0.01440778
278	ENSMUSG00000027202	Solute carrier family 12 member 1 (Bumetanide-sensitive sodium- (potassium)-chloride cotransporte	gbctl04_plate16_O12	-1.197961491	0.017932991
279	ENSMUSG00000022307	oxidation resistance 1; nucleolar protein C7. [Source:RefSeq;Acc:NM_130885]	MTG_602468207	-1.196998067	0.021474527
280	ENSMUSG00000044338	Apelin receptor (G protein-coupled receptor APJ) (Angiotensin receptor-like 1) (MSR). [Source:Unip	gbctl04_plate17_K16	-1.195831674	0.020057066
281	ENSMUSG00000061477	40S ribosomal protein S7. [Source:Uniprot/SWISSPROT;Acc:P62082]	gbctl04_plate3_D23	-1.195643317	0.01360203
282	ENSMUSG00000033554	Probable diphthine synthase (EC 2.1.1.98) (Diphthamide biosynthesis methyltransferase). [Source:l	MTG_602473209	-1.19549082	0.039132257
283	EST		gbctl04_plate17_C23	-1.195114317	0.018978518
284	ENSMUSG00000021670	3-hydroxy-3-methylglutaryl-coenzyme A reductase (EC 1.1.1.34) (HMG-CoA reductase) (Fragment)	MTG_602470319	-1.194110418	0.021509911
285	ENSMUSG00000028191	B cell lymphoma/leukemia 10 (B-cell CLL/lymphoma 10) (Bcl-10) (CED- 3/ICH-1 prodomain homolo	gbctl04_plate16_A13	-1.193427458	0.017398242
286	EST		MTG_602469637	-1.191140548	0.021251314
287	ENSMUSG00000060261	General transcription factor II-I (GTFII-I) (TFII-I) (Bruton tyrosine kinase-associated protein-135) (BT	MTG_602470943	-1.191049225	0.015012257
288	ENSMUSG00000027774	Elongation factor G 1, mitochondrial precursor (mEF-G 1) (Elongation factor G1). [Source:Uniprot/S	MTG_602471821	-1.190644002	0.025859671
289	ENSMUSG00000007777	Sedlin (Trafficking protein particle complex protein 2). [Source:Uniprot/SWISSPROT;Acc:Q9CQP2]	gbctl04_plate14_E08	-1.190089853	0.021017356
290	EST		MTG_602475504	-1.189123454	0.019639289
291	ENSMUSG00000030541	Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarbox	gbctl04_plate11_L16	-1.189031261	0.016194512
292	ENSMUSG00000000838	Fragile X mental retardation protein 1 homolog (Protein FMR-1) (FMRP). [Source:Uniprot/SWISSPF	gbctl04_plate5_H21	-1.188078322	0.017372406
293	ENSMUSG00000026536	Interferon-activatable protein 203 (Ifi-203) (Interferon-inducible protein p203). [Source:Uniprot/SWIS	MTG_602467421	-1.187707072	0.043888641
294	EST		MTG_602471067	-1.185795961	0.023527209
295	ENSMUSG00000056516	NADH-ubiquinone oxidoreductase chain 4L (EC 1.6.5.3). [Source:Uniprot/SWISSPROT;Acc:P0390]	gbctl04_plate6_E03	-1.183102192	0.024400158
296	ENSMUSG00000020601	tribbles homolog 2. [Source:RefSeq;Acc:NM_144551]	MTG_602467572	-1.18189379	0.015162827
297	ENSMUSG00000013662	ATPase family, AAA domain containing 1. [Source:RefSeq;Acc:NM_026487]	MTG_602469644	-1.180029738	0.02682331
298	ENSMUSG00000024781	Lysosomal acid lipase/cholesteryl ester hydrolase precursor (EC 3.1.1.13) (LAL) (Acid cholesteryl e	gbctl04_plate9_D13	-1.178181536	0.024331965
299	ENSMUSG00000026728	Vimentin. [Source:Uniprot/SWISSPROT;Acc:P20152]	MTG_602469101	-1.177102918	0.024331965
300	ENSMUSG00000035202	Probable leucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.4) (Leucine--tRNA ligase) (Leu	gbctl04_plate14_K07	-1.175075883	0.016428927
301	ENSMUSG00000036327	quiescin Q6-like 1; cDNA sequence BC030934. [Source:RefSeq;Acc:NM_153559]	MTG_602471389	-1.173724208	0.015058202
302	ENSMUSG00000000001	Guanine nucleotide-binding protein G(k), alpha subunit (G(i) alpha-3). [Source:Uniprot/SWISSPROT	MTG_602139082	-1.171852765	0.023117161

303	ENSMUSG00000020076	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50; nucleolar protein GU2; DEAD/H (Asp-Glu-Ala-Asp/His)	MTG_602472168	-1.171739328	0.021395157
304	ENSMUSG00000023036	protocadherin gamma subfamily C, 3. [Source:RefSeq;Acc:NM_033581]	gbctl04_plate7_D20	-1.171690704	0.023812699
305	EST		gbctl04_plate11_L17	-1.171627262	0.018562287
306	ENSMUSG00000063501	T-complex protein 1, alpha subunit B (TCP-1-alpha) (CCT-alpha) (Tailless complex polypeptide 1B)	gbctl04_plate17_C13	-1.170844746	0.017456057
307	ENSMUSG00000030717	Nuclear protein 1 (Protein p8). [Source:Uniprot/SWISSPROT;Acc:Q9WTK0]	gbctl04_plate9_C21	-1.169738228	0.020461477
308	ENSMUSG00000064015		MTG_602474554	-1.169205779	0.021395157
309	ENSMUSG00000004268	Probable ribosome biogenesis protein NEP1 (C2f protein). [Source:Uniprot/SWISSPROT;Acc:O351	gbctl04_plate7_M07	-1.166265201	0.02376178
310	ENSMUSG00000017291		gbctl04_plate13_N23	-1.166227024	0.019109359
311	ENSMUSG00000037706	CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1). [Sou	gbctl04_plate15_C02	-1.164248945	0.013773456
312	ENSMUSG00000040681		gbctl04_plate15_B23	-1.163542252	0.023343286
313	ENSMUSG00000034460	Homeobox protein SIX4 (Sine oculis homeobox homolog 4) (Skeletal muscle-specific ARE binding f	gbctl04_plate5_K10	-1.162623925	0.041404243
314	ENSMUSG00000028861	28S ribosomal protein S15, mitochondrial precursor (MPR-S15). [Source:Uniprot/SWISSPROT;Acc:MTG_602477203	MTG_602477203	-1.162352389	0.024615484
315	ENSMUSG00000032492	Parathyroid hormone/parathyroid hormone-related peptide precursor (PTH/PTHr receptor)	MTG_602477283	-1.159589441	0.014339434
316	ENSMUSG00000032434	Chemokine-like factor super family member 6. [Source:Uniprot/SWISSPROT;Acc:Q9CZ69]	MTG_602473718	-1.157278637	0.019966126
317	ENSMUSG00000024853	splicing factor 3b, subunit 2. [Source:RefSeq;Acc:NM_030109]	gbctl04_plate4_F23	-1.155462257	0.014996491
318	EST		MTG_602467556	-1.152134198	0.021533806
319	ENSMUSG00000016477	Transcription factor E2F3 (E2F-3) (Fragment). [Source:Uniprot/SWISSPROT;Acc:O35261]	gbctl04_plate14_J05	-1.150846336	0.020940504
320	ENSMUSG00000023809	Ribosomal protein S6 kinase alpha 2 (EC 2.7.1.37) (S6K-alpha 2) (90 kDa ribosomal protein S6 kin	MTG_602473254	-1.150784793	0.038090878
321	ENSMUSG00000031585	general transcription factor II E, polypeptide 2 (beta subunit); general transcription factor IIE, polype	MTG_602471065	-1.150772167	0.021682644
322	ENSMUSG00000045664	CDC42 effector protein (Rho GTPase binding) 2; centrosomal protein 2; Cdc42 effector protein 2. [S	MTG_602473974	-1.150401576	0.024336867
323	ENSMUSG00000013846	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.4) (Beta-gala	gbctl04_plate17_N02	-1.150032593	0.020708973
324	ENSMUSG00000022710	Ubiquitin specific protease 7 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8BW01]	MTG_602476532	-1.149003335	0.054265898
325	ENSMUSG00000047729		MTG_602468190	-1.148917672	0.017852111
326	ENSMUSG000000042167	PAP associated domain containing 4. [Source:RefSeq;Acc:NM_133905]	gbctl04_plate16_M14	-1.148723925	0.019862183
327	ENSMUSG00000052397	Ezrin (p81) (Cytovillin) (Villin 2). [Source:Uniprot/SWISSPROT;Acc:P26040]	MTG_602469857	-1.146850821	0.015012257
328	ENSMUSG00000029710	Ephrin type-B receptor 4 precursor (EC 2.7.1.112) (Tyrosine-protein kinase receptor MDK-2) (Devel	MTG_602471505	-1.146661065	0.021713291
329	ENSMUSG00000024750	Zinc finger protein 216. [Source:Uniprot/SWISSPROT;Acc:O88878]	MTG_602467763	-1.145890839	0.024658611
330	ENSMUSG000000052516	Roundabout homolog 2 precursor. [Source:Uniprot/SWISSPROT;Acc:Q7TPD3]	MTG_602474693	-1.144609019	0.021017356
331	ENSMUSG00000029326		MTG_602476485	-1.144255706	0.029855413
332	ENSMUSG00000059039	Mitogen-activated protein kinase kinase 1 interacting protein 1 (MEK binding partner 1) (Mp1). [Sou	gbctl04_plate7_G04	-1.144244434	0.035192681
333	ENSMUSG00000034573	Protein tyrosine phosphatase, non-receptor type 13 (EC 3.1.3.48) (Protein tyrosine phosphatase PT	gbctl04_plate15_N08	-1.143819653	0.023427161
334	ENSMUSG000000044600		MTG_602472255	-1.143584629	0.023297915
335	EST		gbctl04_plate11_L15	-1.140897504	0.01874729
336	ENSMUSG00000026211		MTG_602477775	-1.140684545	0.018701344
337	ENSMUSG000000058925		MTG_602468687	-1.140485911	0.024658611
338	ENSMUSG00000062933	Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin A) (Cyclosporin	gbctl04_plate14_H02	-1.139399252	0.020185162
339	ENSMUSG000000055178		gbctl04_plate12_I18	-1.138947198	0.016344172
340	ENSMUSG000000032199	glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A. [Source:RefSeq;Acc:NM_178602]	gbctl04_plate11_K23	-1.138644122	0.019966126
341	ENSMUSG000000028274	mRNA capping enzyme (HCE) (MCE1) [Includes: Polynucleotide 5'- triphosphatase (EC 3.1.3.33) (r	gbctl04_plate12_G20	-1.13842667	0.020081951
342	ENSMUSG00000059514		MTG_602470542	-1.135619135	0.048740683
343	ENSMUSG000000044138	SIRP beta 1 isoform 2; SIRP beta 1. [Source:RefSeq;Acc:NM_198405]	gbctl04_plate10_M04	-1.135616707	0.023297915
344	ENSMUSG00000021453	Growth arrest and DNA-damage-inducible protein GADD45 gamma (Cytokine responsive protein C	MTG_602467360	-1.135411181	0.019512874
345	EST		MTG_602467935	-1.132624216	0.027253609
346	ENSMUSG000000034247	pleckstrin homology domain containing, family M (with RUN domain) member 1; cDNA sequence B	gbctl04_plate6_K08	-1.132619289	0.020489965
347	ENSMUSG000000022892	Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimer's disease amyloid protein homolog) (A	MTG_602468172	-1.132467476	0.018609518
348	ENSMUSG000000024754	transmembrane protein 2. [Source:RefSeq;Acc:NM_031997]	gbctl04_plate8_E18	-1.131073471	0.024400158
349	EST		gbctl04_plate15_E17	-1.130971945	0.021684334
350	ENSMUSG000000035620		MTG_602471483	-1.130287975	0.042576014
351	EST		MTG_602476817	-1.129885886	0.024723195
352	ENSMUSG00000059810	regulator of G-protein signaling 3; C2 membrane binding, PDZ protein/protein interaction, ATP/GTP	gbctl04_plate8_I11	-1.129153938	0.019234755
353	ENSMUSG00000064181	PAT-12 protein. [Source:Uniprot/SPTREMBL;Acc:Q64154]	gbctl04_plate4_H18	-1.129123775	0.0176737
354	EST		gbctl04_plate3_H09	-1.128572662	0.020457447
355	ENSMUSG000000041781	Cleavage and polyadenylation specificity factor, 100 kDa subunit (CPSF 100 kDa subunit). [Source:	gbctl04_plate15_O12	-1.127831121	0.023631403
356	ENSMUSG000000031807	6-phosphogluconolactonase. [Source:RefSeq;Acc:NM_025396]	MTG_602477756	-1.127497465	0.020228842
357	ENSMUSG00000039985	teratocarcinoma expressed, serine rich. [Source:RefSeq;Acc:NM_019643]	gbctl04_plate8_A22	-1.127137623	0.023440548
358	ENSMUSG00000022122	Endothelin B receptor precursor (ET-B) (Endothelin receptor Non- selective type). [Source:Uniprot/S	gbctl04_plate11_C08	-1.126358695	0.024943548
359	ENSMUSG00000058881		gbctl04_plate14_L09	-1.125665119	0.019560515
360	ENSMUSG000000022237		MTG_602477778	-1.123937269	0.026446019
361	ENSMUSG000000024563	Mothers against decapentaplegic homolog 2 (SMAD 2) (Mothers against DPP homolog 2) (Mad-rel	MTG_602470226	-1.123287418	0.017569179
362	ENSMUSG000000020265	Ubiquitin-like protein SMT3A. [Source:Uniprot/SWISSPROT;Acc:Q9Z172]	MTG_602473987	-1.122081149	0.023640977
363	ENSMUSG000000031871	Vascular endothelial-cadherin precursor (VE-cadherin) (Cadherin-5). [Source:Uniprot/SWISSPROT;gbctl04_plate14_D12	gbctl04_plate14_D12	-1.120664654	0.020930646

364	ENSMUSG00000015575	ATPase, H+ transporting, V0 subunit; ATPase, H+ transporting lysosomal (vacuolar proton pump),	gbct04_plate13_H21	-1.118610377	0.019295543
365	ENSMUSG00000031918	Myotubularin-related protein 2 (EC 3.1.3.-). [Source:Uniprot/SWISSPROT;Acc:Q9Z2D1]	MTG_602477405	-1.116935011	0.026795273
366	ENSMUSG00000026626	protein phosphatase 2, regulatory subunit B (B56), alpha isoform. [Source:RefSeq;Acc:NM_144880]	gbct04_plate10_F02	-1.116860379	0.01801833
367	EST		gbct04_plate11_C14	-1.116535651	0.023427161
368	EST		MTG_602470326	-1.116388989	0.027091448
369	EST		MTG_602476763	-1.115971932	0.021550571
370	ENSMUSG00000051034	Krox-6.1A protein (Fragment). [Source:Uniprot/SWISSPROT;Acc:P10751]	gbct04_plate5_M21	-1.115854823	0.022158597
371	ENSMUSG00000017009	Syndecan-4 precursor (Ryudocan core protein). [Source:Uniprot/SWISSPROT;Acc:O35988]	MTG_602473224	-1.114020724	0.029526851
372	ENSMUSG00000021243		gbct04_plate8_A20	-1.113775864	0.033073041
373	ENSMUSG00000001774	cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1. [Source:RefSeq;Acc:MTG_602468979]	MTG_602468979	-1.106216952	0.020749538
374	ENSMUSG00000038658		gbct04_plate16_K11	-1.105902351	0.019655177
375	ENSMUSG00000030291	SRB7 (suppressor of RNA polymerase B) homolog. [Source:RefSeq;Acc:NM_025315]	gbct04_plate17_G15	-1.105758858	0.020141323
376	ENSMUSG00000006699	Cell division control protein 42 homolog (G25K GTP-binding protein). [Source:Uniprot/SWISSPROT]	gbct04_plate11_A12	-1.104980021	0.018609518
377	ENSMUSG00000038070		gbct04_plate15_M04	-1.102646574	0.037200042
378	ENSMUSG00000059135		gbct04_plate14_J15	-1.102603324	0.021121317
379	ENSMUSG00000029610	JTV1. [Source:RefSeq;Acc:NM_146165]	gbct04_plate7_O05	-1.102490323	0.023427161
380	ENSMUSG00000018446	Complement component 1, Q subcomponent binding protein, mitochondrial precursor (Glycoprotein	gbct04_plate15_O14	-1.102050332	0.017038681
381	ENSMUSG00000039178		gbct04_plate16_I10	-1.102024762	0.028659169
382	ENSMUSG00000043716	60S ribosomal protein L7. [Source:Uniprot/SWISSPROT;Acc:P14148]	gbct04_plate15_N06	-1.101579059	0.017417611
383	ENSMUSG00000049536	transcription elongation factor A (SII)-like 1; cDNA sequence BC011290. [Source:RefSeq;Acc:NM_1	MTG_602468310	-1.100438117	0.033686252
384	ENSMUSG00000038718	Pre-B-cell leukemia transcription factor-3 (Homeobox protein PBX3). [Source:Uniprot/SWISSPROT;MTG_602476178]	MTG_602476178	-1.099419264	0.018323701
385	ENSMUSG00000002365	Sorting nexin 9. [Source:Uniprot/SWISSPROT;Acc:Q91VH2]	gbct04_plate13_K08	-1.099181851	0.017600161
386	ENSMUSG00000022848	disrupted in renal carcinoma 2. [Source:RefSeq;Acc:NM_153550]	MTG_602476534	-1.098941238	0.02101632
387	ENSMUSG000000031392	Interleukin-1 receptor-associated kinase 1 (EC 2.7.1.-) (IRAK-1) (IRAK) (Pelle-like protein kinase) (n	gbct04_plate14_H08	-1.093221606	0.018780394
388	ENSMUSG00000051695	Poly(rC)-binding protein 1 (Alpha-CP1) (hnRNP-E1). [Source:Uniprot/SWISSPROT;Acc:P60335]	gbct04_plate7_P20	-1.093010655	0.016344172
389	ENSMUSG00000015202	membrane associated guanylate kinase interacting protein-like 1; cDNA sequence BC024086. [Sou	MTG_602473358	-1.092319904	0.021032963
390	ENSMUSG00000059743	farnesyl diphosphate synthetase. [Source:RefSeq;Acc:NM_134469]	gbct04_plate16_K12	-1.09138609	0.034810095
391	ENSMUSG00000058569	Glycoprotein 25L2 precursor. [Source:Uniprot/SWISSPROT;Acc:Q99KF1]	MTG_602473554	-1.090807923	0.01616778
392	ENSMUSG00000015807		MTG_602467616	-1.089308214	0.04694008
393	ENSMUSG00000031696	Vacuolar protein sorting 35 (Vesicle protein sorting 35) (Maternal- embryonic 3). [Source:Uniprot/SV	gbct04_plate13_J22	-1.087931297	0.018609518
394	ENSMUSG00000020309		gbct04_plate14_C11	-1.087315016	0.027080295
395	ENSMUSG000000061012	Ras-related protein Rap-1A (C21KG) (KREV-1 protein) (GTP-binding protein SMG-P21A) (G-22K).	MTG_602474994	-1.086886841	0.016922063
396	ENSMUSG00000029061	matrix metalloproteinase 23; cysteine array matrix metalloproteinase. [Source:RefSeq;Acc:NM_0111	MTG_602473332	-1.085166798	0.021917871
397	ENSMUSG00000002032	transmembrane protein 25. [Source:RefSeq;Acc:NM_027865]	gbct04_plate16_P17	-1.084387891	0.023997352
398	ENSMUSG00000022052		MTG_602475204	-1.083621616	0.025077243
399	EST		gbct04_plate15_D14	-1.080054303	0.042346974
400	EST		MTG_602467910	-1.079541197	0.029486981
401	ENSMUSG00000060989		gbct04_plate11_M21	-1.078319325	0.051895364
402	ENSMUSG00000057787	H-2 class I histocompatibility antigen, D-37 alpha chain precursor. [Source:Uniprot/SWISSPROT;Ac	gbct04_plate10_K17	-1.077832566	0.017550595
403	ENSMUSG00000000420	Polypeptide N-acetylgalactosaminyltransferase (EC 2.4.1.41) (Protein- UDP acetylgalactosaminyltr	MTG_602473376	-1.075479194	0.019966126
404	ENSMUSG00000036256	Insulin-like growth factor binding protein 7 precursor (IGFBP-7) (IBP- 7) (IGF-binding protein 7) (MA	gbct04_plate10_D04	-1.075459563	0.018017039
405	ENSMUSG00000054428	ATPase inhibitor, mitochondrial precursor. [Source:Uniprot/SWISSPROT;Acc:O35143]	MTG_602474343	-1.075294145	0.01963156
406	ENSMUSG00000033170	Caspase recruitment domain protein 10 (Bcl10-interacting MAGUK protein 1) (Bimp1). [Source:Unip	MTG_602471055	-1.074022024	0.020081951
407	ENSMUSG00000027829	cyclin L1; cyclin ania-6a. [Source:RefSeq;Acc:NM_019937]	gbct04_plate12_G02	-1.07333663	0.020016791
408	ENSMUSG00000031538	Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-plasminogen activator).	MTG_602469525	-1.07118111	0.024658611
409	ENSMUSG00000051316	Transcription initiation factor TFIID subunit 7 (Transcription initiation factor TFIID 55 kDa subunit) (T	MTG_602469744	-1.069230253	0.026246272
410	ENSMUSG00000029328	heterogeneous nuclear ribonucleoprotein D-like. [Source:RefSeq;Acc:NM_016690]	MTG_602469924	-1.069203547	0.028739315
411	ENSMUSG00000021311		MTG_602476241	-1.068696216	0.024331965
412	ENSMUSG00000018593	SPARC precursor (Secreted protein acidic and rich in cysteine) (Osteonectin) (ON) (Basement mem	gbct04_plate11_I18	-1.068071869	0.017330208
413	ENSMUSG00000026878	Ras-related protein Rab-14. [Source:Uniprot/SWISSPROT;Acc:Q91V41]	gbct04_plate15_H21	-1.067585847	0.02005207
414	ENSMUSG00000004891	nestin; intermediate filament protein. [Source:RefSeq;Acc:NM_016701]	gbct04_plate16_P09	-1.067508708	0.034002012
415	EST		MTG_602470986	-1.067168002	0.031052186
416	ENSMUSG00000046722	small protein effector 1 of Cdc42. [Source:RefSeq;Acc:NM_172395]	MTG_602470051	-1.066841147	0.020914373
417	ENSMUSG00000026768	integrin alpha 8. [Source:RefSeq;Acc:NM_001001309]	MTG_602471870	-1.06672026	0.024298636
418	EST		MTG_602474109	-1.065374415	0.01932957
419	ENSMUSG00000028788	protein tyrosine phosphatase 4a2. [Source:RefSeq;Acc:NM_008974]	MTG_602467056	-1.064974795	0.048918881
420	ENSMUSG00000025510	Platelet-endothelial tetraspan antigen 3 (PETA-3) (GP27) (Membrane glycoprotein SFA-1) (CD151 ;	MTG_602476489	-1.06436601	0.032664649
421	ENSMUSG00000023495	Poly(rC)-binding protein 4 (Alpha-CP4). [Source:Uniprot/SWISSPROT;Acc:P57724]	gbct04_plate6_C23	-1.063385705	0.026246272
422	ENSMUSG00000047334		gbct04_plate15_G18	-1.062200885	0.031616778
423	ENSMUSG00000022314	Double-strand-break repair protein rad21 homolog (Pokeweed agglutinin- binding protein 29) (PW2;	gbct04_plate10_A23	-1.061879966	0.027432615
424	ENSMUSG00000011958	BCL2/adenovirus E1B 19-kDa protein-interacting protein 2. [Source:Uniprot/SWISSPROT;Acc:O54	gbct04_plate13_M15	-1.061302043	0.027236925

425	ENSMUSG00000038733	WD-repeat protein 26. [Source:Uniprot/SWISSPROT;Acc:Q8C6G8]	gbct104_plate9_H12	-1.060193702	0.031967305
426	EST		MTG_602468094	-1.05660902	0.020111743
427	ENSMUSG00000034765		MTG_602476550	-1.056186784	0.03331514
428	ENSMUSG00000021978	Exostosin-like 3 (EC 2.4.1.-) (Multiple exostosin-like protein 3). [Source:Uniprot/SWISSPROT;Acc:Q	MTG_602471618	-1.052888217	0.043529694
429	ENSMUSG00000031701	DnaJ homolog subfamily A member 2 (mDj3). [Source:Uniprot/SWISSPROT;Acc:Q9QYJ0]	MTG_602471027	-1.052571565	0.021312411
430	ENSMUSG00000057969	Semaphorin 3B precursor (Semaphorin A) (Sema A). [Source:Uniprot/SWISSPROT;Acc:Q62177]	gbct104_plate14_D09	-1.051826812	0.019790029
431	ENSMUSG00000051650	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1; beta-1,3-N-acetylglucosaminyltr	gbct104_plate7_B17	-1.05176966	0.024331965
432	ENSMUSG00000020289	alpha globin regulatory element containing gene; -14 gene; C16ORF35. [Source:RefSeq;Acc:NM_1	gbct104_plate9_F17	-1.050846412	0.041519021
433	ENSMUSG00000021400	Werner helicase interacting protein 1; Werner syndrome homolog (human) interacting protein. [Sou	MTG_602467750	-1.050494504	0.030319751
434	ENSMUSG00000034602		gbct104_plate4_F09	-1.048911443	0.021682644
435	ENSMUSG00000025781	ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14). [Source:Uniprot/SWISSPROT;	MTG_602467184	-1.047327058	0.018165414
436	ENSMUSG00000022894	ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motif	gbct104_plate13_N11	-1.046832626	0.021493509
437	ENSMUSG00000047692		gbct104_plate14_G04	-1.046509092	0.020930646
438	EST		MTG_602467148	-1.044576892	0.018507594
439	ENSMUSG00000014905	DnaJ homolog subfamily B member 9 (mDJ7). [Source:Uniprot/SWISSPROT;Acc:Q9QYI6]	gbct104_plate13_D24	-1.044317133	0.023472549
440	ENSMUSG00000054774		gbct104_plate12_J15	-1.042793949	0.028206494
441	ENSMUSG00000020561	TWIST neighbor. [Source:RefSeq;Acc:NM_172253]	gbct104_plate3_M09	-1.04271959	0.020510918
442	ENSMUSG00000026779	microtubule associated serine/threonine kinase-like. [Source:RefSeq;Acc:NM_025979]	gbct104_plate9_I15	-1.039353256	0.024542166
443	ENSMUSG00000052544	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase III (EC 2.4.99.-) (ST6GalNAc III) (Sialyltr	MTG_602467833	-1.03921446	0.029604502
444	ENSMUSG00000027599	armadillo repeat-containing protein. [Source:RefSeq;Acc:NM_028840]	MTG_602471922	-1.038221586	0.02376178
445	EST		MTG_602473630	-1.037885804	0.033524118
446	ENSMUSG00000037243		gbct104_plate4_M06	-1.037817679	0.049134831
447	ENSMUSG00000010911		MTG_602467503	-1.036836674	0.031967305
448	ENSMUSG00000010609	Presenilin 2 (PS-2) (ALG-3) (Alzheimer disease 4 homolog). [Source:Uniprot/SWISSPROT;Acc:Q61	MTG_602476237	-1.035906844	0.026236135
449	ENSMUSG00000025085	actin-binding LIM protein 1; actin-binding double zinc finger protein. [Source:RefSeq;Acc:NM_17868	gbct104_plate10_D06	-1.03560544	0.031354395
450	ENSMUSG00000051786		MTG_602467242	-1.035500191	0.035484865
451	ENSMUSG00000037415	Ran-binding protein 10. [Source:RefSeq;Acc:NM_145824]	gbct104_plate16_C23	-1.034881022	0.028609074
452	ENSMUSG00000021917	Microsomal signal peptidase 12 kDa subunit (EC 3.4.-.-) (SPase 12 kDa subunit) (SPC12). [Source:	gbct104_plate14_L08	-1.034752299	0.021918442
453	ENSMUSG00000024847	AH receptor-interacting protein (AIP). [Source:Uniprot/SWISSPROT;Acc:O08915]	gbct104_plate7_A21	-1.034023974	0.028991307
454	ENSMUSG00000024404	RIO kinase 3; sudD, suppressor of bimD6 homolog (Aspergillus nidulans). [Source:RefSeq;Acc:NM	gbct104_plate17_I22	-1.033902588	0.023317186
455	ENSMUSG00000026034	Dual specificity protein kinase CLK1 (EC 2.7.1.37) (EC 2.7.1.112) (CDC like kinase 1) (Protein kina	gbct104_plate7_A11	-1.033087262	0.024670121
456	ENSMUSG00000037966	Ninjurin 1 (Nerve injury-induced protein 1). [Source:Uniprot/SWISSPROT;Acc:O70131]	gbct104_plate7_M20	-1.032609399	0.0217188802
457	ENSMUSG00000031217	Ephrin-B1 precursor (EPH-related receptor tyrosine kinase ligand 2) (LERK-2) (ELK ligand) (ELK-L)	gbct104_plate17_G12	-1.032482528	0.032141661
458	ENSMUSG00000031697	Origin recognition complex subunit 6. [Source:Uniprot/SWISSPROT;Acc:Q9WUJ8]	MTG_602467683	-1.032443584	0.027699079
459	ENSMUSG00000044353		gbct104_plate3_M13	-1.032026303	0.028161958
460	ENSMUSG00000031403	DYSKERIN. [Source:Uniprot/SPTREMBL;Acc:Q9ESX5]	gbct104_plate16_K23	-1.031769375	0.029707808
461	ENSMUSG00000028739	RIKEN cDNA C230096C10; KIAA0090 protein-like. [Source:RefSeq;Acc:NM_146157]	MTG_602467287	-1.030874352	0.034523321
462	ENSMUSG00000028799		gbct104_plate13_M09	-1.030682653	0.020936677
463	EST		MTG_602476411	-1.029874997	0.036229976
464	ENSMUSG00000022817	Integrin beta-5 precursor. [Source:Uniprot/SWISSPROT;Acc:O70309]	gbct104_plate10_O08	-1.029589578	0.023570004
465	ENSMUSG00000024425	Nedd4 WW domain-binding protein 5 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q9EQH8]	MTG_602468133	-1.029504512	0.032545903
466	ENSMUSG00000031881	Cadherin-16 precursor (Kidney-specific cadherin) (Ksp-cadherin). [Source:Uniprot/SWISSPROT;Acc:	gbct104_plate15_A15	-1.026292832	0.023541665
467	ENSMUSG00000040209	glucocorticoid induced gene 1. [Source:RefSeq;Acc:NM_133218]	gbct104_plate14_P12	-1.026176251	0.025396098
468	ENSMUSG00000020516	Ribosomal protein S6 kinase beta 2 (EC 2.7.1.37) (S6K-beta 2) (70 kDa ribosomal protein S6 kinase	MTG_602475654	-1.025662074	0.03117521
469	ENSMUSG00000024354	Solute carrier family 23, member 1 (Sodium-dependent vitamin C transporter 1) (Na(+)/L-ascorbic a	gbct104_plate5_G04	-1.025303447	0.027271296
470	ENSMUSG00000044949		MTG_602472252	-1.024345897	0.025077243
471	ENSMUSG00000031446	cullin 4A. [Source:RefSeq;Acc:NM_146207]	gbct104_plate13_J19	-1.023037928	0.02766369
472	ENSMUSG00000046667		gbct104_plate11_M18	-1.022784765	0.030583482
473	ENSMUSG00000021302	Geranylgeranyl pyrophosphate synthetase (GGPP synthetase) (GGPPSASE) (Geranylgeranyl diph	gbct104_plate5_G21	-1.02273435	0.023427161
474	ENSMUSG00000042675	Yippee-like protein 3. [Source:Uniprot/SWISSPROT;Acc:P61237]	MTG_602476328	-1.020376651	0.030331723
475	ENSMUSG00000016940	potassium channel tetramerisation domain containing 2. [Source:RefSeq;Acc:NM_183285]	gbct104_plate17_C15	-1.020163495	0.019173335
476	ENSMUSG00000051355	COMM domain containing 1; U2af1-rs1 region 1; copper metabolism (Murr1) domain containing 1. [;	gbct104_plate16_I09	-1.01889934	0.034875767
477	ENSMUSG00000028757	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit precursor (EC 2.4.1	gbct104_plate7_M05	-1.01725315	0.025859671
478	EST		MTG_602474561	-1.015424511	0.041087534
479	ENSMUSG00000032212		MTG_602472141	-1.015383379	0.028206494
480	ENSMUSG00000039016	Mitochondrial import inner membrane translocase subunit TIM8 B (Deafness dystonia protein 2 hor	MTG_602476802	-1.011916257	0.024298636
481	ENSMUSG00000043923		gbct104_plate10_O15	-1.01171743	0.031802548
482	ENSMUSG00000021714	SoxLZ/Sox6 leucine zipper binding protein in testis. [Source:RefSeq;Acc:NM_021790]	gbct104_plate17_O18	-1.011042427	0.043423987
483	ENSMUSG00000031274	procollagen, type IV, alpha 5. [Source:RefSeq;Acc:NM_007736]	MTG_602139018	-1.010952467	0.034494168
484	ENSMUSG00000040128		MTG_602475326	-1.010769517	0.025866334
485	ENSMUSG00000055322	Tns protein (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q7TSV1]	MTG_602476367	-1.009993799	0.025341518

486	ENSMUSG00000038462	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1. [Source:RefSeq;Acc:NM_02571]	gbctl04_plate17_N13	-1.00996629	0.037200042
487	ENSMUSG00000029761	caldesmon 1; EST AI195384. [Source:RefSeq;Acc:NM_145575]	gbctl04_plate8_A07	-1.009721048	0.033662091
488	ENSMUSG00000024097	splicing factor, arginine/serine-rich 7; splicing factor, arginine/serine-rich 7 (35kD). [Source:RefSeq;Acc:NM_02571]	gbctl04_plate8_O13	-1.007688334	0.039930554
489	ENSMUSG00000028559	oxysterol binding protein-like 9 isoform b. [Source:RefSeq;Acc:NM_173350]	gbctl04_plate14_C08	-1.007247933	0.034404312
490	ENSMUSG00000042682	Selenoprotein K. [Source:Uniprot/SWISSPROT;Acc:Q9JLJ1]	gbctl04_plate5_L21	-1.007204819	0.032326878
491	ENSMUSG00000027852	Transforming protein N-Ras. [Source:Uniprot/SWISSPROT;Acc:P08556]	gbctl04_plate14_D06	-1.006866096	0.024285407
492	ENSMUSG00000042730	Transcription elongation factor B polypeptide 1 (RNA polymerase II transcription factor SIII subunit)	MTG_602472010	-1.005465307	0.048417949
493	ENSMUSG00000033417		gbctl04_plate13_L23	-1.004656868	0.029791074
494	ENSMUSG00000028729	Probable rRNA processing protein EBP2. [Source:Uniprot/SWISSPROT;Acc:Q9D903]	MTG_602471973	-1.003361765	0.028617547
495	ENSMUSG00000021910	nischarin; imidazoline receptor I-1-like protein. [Source:RefSeq;Acc:NM_022656]	gbctl04_plate8_M13	-1.003281385	0.021684334
496	ENSMUSG00000027331	TRAF4 associated factor 1 homolog. [Source:RefSeq;Acc:NM_026412]	MTG_602476478	-1.00240219	0.028312979
497	ENSMUSG00000035441		gbctl04_plate13_M02	-1.002336366	0.030319751
498	ENSMUSG00000026848	Torsin B precursor (Torsin family 1 member B). [Source:Uniprot/SWISSPROT;Acc:Q9ER41]	MTG_602470280	-1.002166519	0.035734649
499	ENSMUSG00000060427	Kruppel-like zinc finger protein. [Source:RefSeq;Acc:NM_172754]	gbctl04_plate15_G16	-1.002031208	0.02376178
500	ENSMUSG00000048962		MTG_602475394	-1.000749456	0.026993413
501	ENSMUSG00000042272		MTG_602476094	-1.000013608	0.022485425

Up regulated genes in Foxc2 null mice glomeruli (≥ 1)

ENSEMBL_gene_id	ENSEMBL_gene_name	Clone ID	ratio	Qvalue	
1	ENSMUSG00000026634	MTG_602477493	4.607496754	0.029941167	
2	ENSMUSG00000013833	thyroid hormone receptor associated protein 5; thyroid hormone receptor-associated protein, 95-kD	MTG_602471701	4.574733863	0.015012257
3	ENSMUSG00000035686	Thyroid hormone-inducible hepatic protein (Spot 14 protein) (SPOT14) (S14 protein). [Source:Uniprot/SWISSPROT;Acc:P08556]	MTG_602474566	3.684212718	0.010023521
4	ENSMUSG00000007029	Valyl-tRNA synthetase 2 (EC 6.1.1.9) (Valine--tRNA ligase 2) (ValRS 2). [Source:Uniprot/SWISSPROT;Acc:P08556]	MTG_602473712	3.680212722	0.020228842
5	EST	MTG_602476150	3.579330944	0.010023521	
6	ENSMUSG00000040945	MTG_602477017	3.424301198	0.011227548	
7	ENSMUSG00000062518	MTG_602468041	3.135431788	0.011850594	
8	ENSMUSG00000057938	gbctl04_plate4_M09	3.05485554	0.010023521	
9	ENSMUSG000000031897	Proteasome subunit beta type 10 precursor (EC 3.4.25.1) (Proteasome MECL1) (Macropain subunit)	MTG_602296411	2.919053956	0.013775689
10	ENSMUSG00000052926	Ribonuclease HI large subunit (EC 3.1.26.-) (RNase HI large subunit). [Source:Uniprot/SWISSPROT;Acc:P08556]	MTG_602473051	2.818251944	0.011166829
11	ENSMUSG00000058135	Glutathione S-transferase Mu 1 (EC 2.5.1.18) (GST class-mu 1) (Glutathione S-transferase GT8.7)	gbctl04_plate13_J16	2.763817704	0.011161839
12	EST	gbctl04_plate3_D24	2.714029096	0.010023521	
13	ENSMUSG00000008690	MTG_602470814	2.671581374	0.018768028	
14	ENSMUSG00000019768	gbctl04_plate3_L19	2.66822573	0.010023521	
15	ENSMUSG00000028088	Dimethylaniline monooxygenase [N-oxide forming] 5 (EC 1.14.13.8) (Hepatic flavin-containing monooxygenase 5)	MTG_602470792	2.656335157	0.011290863
16	ENSMUSG00000059666	gbctl04_plate6_E15	2.58198215	0.029277707	
17	ENSMUSG00000025751	Type II cAMP-dependent protein kinase anchoring protein Ht31 (Fragment). [Source:Uniprot/SPTRE	gbctl04_plate3_J21	2.546977533	0.010113553
18	ENSMUSG00000026104	Signal transducer and activator of transcription 1. [Source:Uniprot/SWISSPROT;Acc:P42225]	MTG_602296415	2.409504339	0.013285445
19	EST	gbctl04_plate3_F23	2.340451081	0.010113553	
20	ENSMUSG00000021087	reticulum 1. [Source:RefSeq;Acc:NM_153457]	MTG_602476254	2.305535867	0.01056592
21	ENSMUSG00000024654	asparaginase like 1. [Source:RefSeq;Acc:NM_025610]	gbctl04_plate13_G17	2.277511891	0.010093129
22	ENSMUSG00000031574	Steroidogenic acute regulatory protein, mitochondrial precursor (StAR) (StARD1) (Luteinizing hormone	MTG_602296366	2.246604308	0.010113553
23	EST	MTG_602475492	2.23629413	0.010731064	
24	ENSMUSG00000027891	Glutathione S-transferase Mu 2 (EC 2.5.1.18) (GST class-mu 2) (Glutathione S-transferase pmGT2)	MTG_602139047	2.22242441	0.010060104
25	ENSMUSG00000032348	Glutathione S-transferase 5.7 (EC 2.5.1.18) (GST 5.7) (GST class- alpha) (GST A4-4) (GSTA4-4). [	gbctl04_plate9_H17	2.221949212	0.010941426
26	ENSMUSG00000031461	myomesin 2; skeletal muscle 165kD protein; skeletal muscle 165kDa protein. [Source:RefSeq;Acc:NM_02571]	MTG_602470266	2.197278772	0.01307543
27	ENSMUSG000000008142		MTG_602469890	2.194684462	0.027325947
28	ENSMUSG00000005683	citrate synthase. [Source:RefSeq;Acc:NM_026444]	MTG_602475333	2.153386141	0.015035282
29	ENSMUSG00000003153	Solute carrier family 2, facilitated glucose transporter, member 3 (Glucose transporter type 3, brain).	MTG_602296496	2.151661991	0.010060104
30	EST	MTG_602469670	2.125852893	0.018688767	
31	ENSMUSG00000040105		gbctl04_plate3_G24	2.104591268	0.011373394
32	ENSMUSG00000035473	aldose 1-epimerase. [Source:RefSeq;Acc:NM_176963]	MTG_602475851	2.095983852	0.011005207
33	ENSMUSG000000045165		MTG_602471747	2.081239611	0.032141661
34	ENSMUSG00000030168	Adiponectin receptor protein 2. [Source:Uniprot/SWISSPROT;Acc:Q8BQS5]	MTG_602310654	2.073669618	0.030205255
35	ENSMUSG000000025173		MTG_602473833	1.988142915	0.01153777
36	ENSMUSG00000023249	ADP-ribosyltransferase (NAD+, poly (ADP-ribose polymerase)-like 3; NAD+ ADP-ribosyltransferase	MTG_602471220	1.976289283	0.01160969
37	ENSMUSG00000003279	Disks large-associated protein 1 (DAP-1) (Guanylate kinase-associated protein) (SAP90/PSD-95-as	MTG_602476157	1.975395988	0.010347665
38	ENSMUSG00000064215	ISG12a protein isoform 3. [Source:RefSeq;Acc:NM_194067]	MTG_602471772	1.966283458	0.010454397
39	ENSMUSG000000026490		gbctl04_plate3_P09	1.958168522	0.010454397
40	ENSMUSG00000005583	myocyte enhancer factor 2C. [Source:RefSeq;Acc:NM_025282]	MTG_602310658	1.931132698	0.010865191
41	ENSMUSG00000060985		MTG_602473008	1.923414017	0.011239826
42	ENSMUSG00000027164	TNF receptor associated factor 6. [Source:Uniprot/SWISSPROT;Acc:P70196]	MTG_602477282	1.910938832	0.021053951

43	ENSMUSG00000038393	Upregulated by 1,25-dihydroxyvitamin D-3. [Source:Uniprot/SPTREMBL;Acc:Q91X82]	MTG_602467713	1.897553283	0.012545431
44	ENSMUSG00000024338	Proteasome subunit beta type 8 precursor (EC 3.4.25.1) (Proteasome component C13) (Macropain	MTG_602475343	1.888314695	0.021550571
45	ENSMUSG00000037742	Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor T1	gbctl04_plate3_O13	1.88528391	0.010454397
46	ENSMUSG00000026872	Zinc finger homeobox protein 1b (Smad interacting protein 1). [Source:Uniprot/SWISSPROT;Acc:Q5	gbctl04_plate3_B06	1.864931657	0.011180082
47	ENSMUSG00000019362	Similar to HSPC023 protein. [Source:Uniprot/SPTREMBL;Acc:Q8R1F0]	gbctl04_plate11_I05	1.849255644	0.019234755
48	ENSMUSG000000057283	Anti human TNF-alpha light chain variable region (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q9E	MTG_602470804	1.838160593	0.010624104
49	ENSMUSG00000039936	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, delta isoform (EC 2.7.1.153) (PI3-I	MTG_602471421	1.831736263	0.020708973
50	ENSMUSG00000001270	Creatine kinase, B chain (EC 2.7.3.2) (B-CK). [Source:Uniprot/SWISSPROT;Acc:Q04447]	MTG_602472319	1.830697441	0.024298636
51	EST		MTG_602468303	1.821283334	0.024336867
52	ENSMUSG00000061237	Fibrosin 1 (Fragment). [Source:Uniprot/SWISSPROT;Acc:Q60791]	gbctl04_plate3_H11	1.809390379	0.018505841
53	ENSMUSG000000057604	LIM and cysteine-rich domains protein 1. [Source:Uniprot/SWISSPROT;Acc:Q8VEE1]	MTG_602474918	1.808515605	0.026478566
54	ENSMUSG000000028136		gbctl04_plate3_D15	1.800112119	0.014318125
55	ENSMUSG000000033022	Cysteine dioxygenase type I (EC 1.13.11.20) (CDO) (CDO-I). [Source:Uniprot/SWISSPROT;Acc:P6	MTG_602474320	1.796386867	0.010578014
56	ENSMUSG00000031327	Cysteine-rich hydrophobic domain 1 (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8CBW7]	MTG_602474393	1.788707991	0.032242327
57	ENSMUSG000000022184	F-box only protein 4. [Source:RefSeq;Acc:NM_134099]	gbctl04_plate3_B13	1.777008864	0.020391844
58	ENSMUSG00000026670	UDP-N-acteylglucosamine pyrophosphorylase 1 homolog; EST AA437972; sperm associated antigen	gbctl04_plate3_D07	1.755083508	0.017051657
59	ENSMUSG000000036594	H-2 class II histocompatibility antigen, A-B alpha chain precursor (IAalpha). [Source:Uniprot/SWISS	MTG_602475286	1.753976741	0.011025874
60	ENSMUSG00000029467	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (	MTG_602476804	1.753402251	0.011025874
61	ENSMUSG00000007207	Syntaxin 1A (Neuron-specific antigen HPC-1). [Source:Uniprot/SWISSPROT;Acc:O35526]	MTG_602474718	1.747258514	0.021991334
62	ENSMUSG000000028713	Cytochrome P450 4B1 (EC 1.14.14.1) (CYPIVB1). [Source:Uniprot/SWISSPROT;Acc:Q64462]	MTG_602467137	1.730018887	0.028395581
63	ENSMUSG000000054676		MTG_602470922	1.728705065	0.012613281
64	ENSMUSG000000006412	Prefoldin subunit 2. [Source:Uniprot/SWISSPROT;Acc:O70591]	MTG_602475966	1.722577179	0.013024635
65	ENSMUSG000000005907		MTG_602470793	1.692816462	0.016194512
66	ENSMUSG000000015312	Growth arrest and DNA-damage-inducible protein GADD45 beta (Negative growth-regulatory protei	MTG_602470202	1.692032198	0.017802512
67	ENSMUSG00000035949	Rab9 effector p40. [Source:RefSeq;Acc:NM_145522]	MTG_602467007	1.691628086	0.020812663
68	ENSMUSG000000025509		MTG_602473901	1.67728542	0.013768965
69	ENSMUSG00000022587	Lymphocyte antigen Ly-6E precursor (Thymic shared antigen-1) (TSA-1) (Stem cell antigen 2). [Sou	gbctl04_plate10_H20	1.665931774	0.012545431
70	EST		MTG_602475840	1.662373802	0.011025874
71	ENSMUSG00000025757	Osmotic stress protein 94 (Heat shock 70-related protein APG-1). [Source:Uniprot/SWISSPROT;Ac	MTG_602139030	1.662363036	0.012087862
72	ENSMUSG000000021359	Transcription factor AP-2 alpha (AP2-alpha) (Activating enhancer- binding protein 2 alpha) (Activat	gbctl04_plate3_D09	1.662093704	0.015140793
73	ENSMUSG000000037852	Carboxypeptidase H precursor (EC 3.4.17.10) (CPH) (Carboxypeptidase E) (CPE) (Enkephalin com	MTG_602471077	1.654856992	0.011025874
74	ENSMUSG000000028759	heterochromatin protein 1, binding protein 3. [Source:RefSeq;Acc:NM_010470]	MTG_602296373	1.640246933	0.012907841
75	EST		gbctl04_plate3_I20	1.636298166	0.012706165
76	ENSMUSG000000032359	Cathepsin H precursor (EC 3.4.22.16) (Cathepsin B3) (Cathepsin BA). [Source:Uniprot/SWISSPRO	MTG_602469726	1.628984026	0.024193381
77	ENSMUSG000000028776	lipocalin 7; androgen-regulated gene 1; lipocalin 7, AZ-1; adrenocortical zonation factor 1. [Source:F	MTG_602468021	1.624255579	0.027292381
78	ENSMUSG00000024049	Myomesin 1 (Skelemin). [Source:Uniprot/SWISSPROT;Acc:Q62234]	MTG_602471134	1.623982794	0.01283877
79	ENSMUSG00000018796	Long-chain-fatty-acid--CoA ligase 2 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 2) (LACS 2). [So	gbctl04_plate9_E24	1.618266667	0.012613281
80	EST		MTG_602476759	1.612695254	0.016570715
81	ENSMUSG000000025716	Myosin IIIA (EC 2.7.1.37). [Source:Uniprot/SWISSPROT;Acc:Q8K3H5]	MTG_602468768	1.609927356	0.010429235
82	ENSMUSG00000024073	baculoviral IAP repeat-containing 6; baculovirus inhibitor of apoptosis repeat containing ubiquitin-co	MTG_602472621	1.606758515	0.020930646
83	ENSMUSG000000020372	Guanine nucleotide-binding protein beta subunit-like protein 12.3 (P205) (Receptor of activated prot	gbctl04_plate3_G21	1.604889314	0.010624104
84	ENSMUSG000000032518	40S ribosomal protein SA (p40) (34/67 kDa laminin receptor). [Source:Uniprot/SWISSPROT;Acc:P1	gbctl04_plate16_O23	1.601716551	0.011759879
85	ENSMUSG000000026546		MTG_602475657	1.588406012	0.018505841
86	ENSMUSG000000035407	cDNA BC060737. [Source:RefSeq;Acc:NM_172872]	MTG_602470184	1.586260339	0.02036881
87	ENSMUSG000000027227	Sorbitol dehydrogenase (EC 1.1.1.14) (L-iditol 2-dehydrogenase) (Fragment). [Source:Uniprot/SWIS	MTG_602467514	1.573809392	0.018165414
88	ENSMUSG000000063568	Juxtaposed with another zinc finger protein 1. [Source:Uniprot/SWISSPROT;Acc:Q80ZQ5]	MTG_602470541	1.568101203	0.013250141
89	ENSMUSG000000033409		MTG_602473565	1.564645542	0.014727957
90	ENSMUSG000000003531	DGCR6 protein (DiGeorge syndrome critical region 6 homolog). [Source:Uniprot/SWISSPROT;Acc:MTG	602473969	1.563905716	0.013613899
91	ENSMUSG00000023236	Neuroendocrine protein 7B2 precursor (Secretogranin V). [Source:Uniprot/SWISSPROT;Acc:P1296	MTG_602310689	1.55445689	0.012391716
92	ENSMUSG000000030331	proacrosin binding protein; proacrosin-binding protein (sp32). [Source:RefSeq;Acc:NM_016845]	MTG_602470772	1.553173872	0.011239826
93	ENSMUSG00000023944	Heat shock protein HSP 90-beta (HSP 84) (Tumor specific transplantation 84 kDa antigen) (TSTA).	gbctl04_plate5_F21	1.54248409	0.01574617
94	ENSMUSG00000019699	RAC-gamma serine/threonine-protein kinase (EC 2.7.1.37) (RAC-PK-gamma) (Protein kinase Akt-3	MTG_602474510	1.538707823	0.015581622
95	ENSMUSG000000049152		MTG_602476433	1.532883169	0.022760176
96	ENSMUSG000000027367	StAR-related lipid transfer protein 7 (STAR7) (START domain- containing protein 7). [Source:Unipr	MTG_602468818	1.525601826	0.022500234
97	ENSMUSG000000042185		MTG_602474655	1.521505621	0.028302876
98	ENSMUSG000000033065	6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (	MTG_602471574	1.518185868	0.01153777
99	ENSMUSG000000005881	Serologically defined breast cancer antigen NY-BR-84 homolog. [Source:Uniprot/SWISSPROT;Acc:MTG	602296348	1.517035901	0.030510138
100	ENSMUSG000000028793		MTG_602310577	1.509833459	0.028540381
101	ENSMUSG000000031921	Telomeric repeat binding factor 2 (TTAGGG repeat binding factor 2) (Telomeric DNA binding protei	gbctl04_plate3_C11	1.505033389	0.012613281
102	ENSMUSG000000036214		MTG_602475411	1.502141787	0.018609518
103	EST		MTG_602474614	1.500024153	0.013768965

104	ENSMUSG00000022031	elongation protein 3 homolog. [Source:RefSeq;Acc:NM_028811]	MTG_602473957	1.494493267	0.02376178
105	ENSMUSG000000031880	GTP-binding protein RAD. [Source:Uniprot/SWISSPROT;Acc:O88667]	MTG_602470506	1.492259681	0.018477586
106	ENSMUSG00000026449	Renin 1 precursor (EC 3.4.23.15) (Angiotensinogenase) (Kidney renin). [Source:Uniprot/SWISSPROT;Acc:Q9YQY1]	gbct04_plate9_G06	1.491976452	0.013686663
107	ENSMUSG000000024317	ring finger protein 138 isoform 2; Trif gene. [Source:RefSeq;Acc:NM_019706]	gbct04_plate12_C14	1.489394526	0.014831679
108	ENSMUSG000000061780	Complement factor D precursor (EC 3.4.21.46) (C3 convertase activator) (Properdin factor D) (Adip:gbct04_plate5_O15	MTG_602469980	1.487456035	0.020507013
109	ENSMUSG000000036861	H-2 class I histocompatibility antigen, D-B alpha chain precursor (H- 2D(B)). [Source:Uniprot/SWISSPROT;Acc:Q9YQY1]	MTG_602138926	1.486678787	0.012285467
110	ENSMUSG000000028803		MTG_602138926	1.485734214	0.018478344
111	ENSMUSG000000008475	actin related protein 2/3 complex, subunit 5; actin related protein 2/3 complex, subunit 5 (165 kDa). [Source:Uniprot/SWISSPROT;Acc:Q9YQY1]	gbct04_plate3_G17	1.466389713	0.01152843
112	ENSMUSG000000021140	Pecanex-like protein 1 (Pecanex homolog) (Fragment). [Source:Uniprot/SWISSPROT;Acc:Q9YQY1]	gbct04_plate3_N06	1.460526287	0.018478344
113	EST		MTG_602472996	1.458867999	0.011963169
114	ENSMUSG000000001665	glutathione S-transferase, theta 3. [Source:RefSeq;Acc:NM_133994]	MTG_602468106	1.451808063	0.017550595
115	EST		MTG_602476179	1.449173839	0.011985165
116	EST		MTG_602475846	1.448393841	0.019589063
117	ENSMUSG000000017485	DNA topoisomerase II, beta isozyme (EC 5.99.1.3). [Source:Uniprot/SWISSPROT;Acc:Q64511]	gbct04_plate14_G01	1.445144598	0.012006849
118	ENSMUSG000000033880	lectin, galactoside-binding, soluble, 3 binding protein; peptidylprolyl isomerase C-associated protein	MTG_602476492	1.438953705	0.026703453
119	ENSMUSG0000000029463		MTG_602475951	1.437558622	0.012592842
120	ENSMUSG000000024091	Vesicle-associated membrane protein-associated protein A (VAMP- associated protein A) (VAMP-A	gbct04_plate4_C17	1.433156251	0.011239826
121	ENSMUSG000000020097	Sphingosine-1-phosphate lyase 1 (EC 4.1.2.27) (SP-lyase) (mSPL) (Sphingosine-1-phosphate aldol	MTG_602471009	1.423179478	0.013467934
122	ENSMUSG000000028156	Eukaryotic translation initiation factor 4E (eIF4E) (eIF-4E) (mRNA cap-binding protein) (eIF-4F	25 kDa	1.422245667	0.018415443
123	ENSMUSG000000042379	endothelial cell-specific molecule 1 precursor (ESM-1 secretory protein) (ESM-1). [Source:Uniprot/SWISSPROT;Acc:Q9YQY1]	gbct04_plate3_G20	1.422206657	0.027878341
124	ENSMUSG000000034248	mitochondrial solute carrier protein. [Source:RefSeq;Acc:NM_026331]	MTG_602476084	1.419459873	0.01153777
125	ENSMUSG000000018293	Profilin I. [Source:Uniprot/SWISSPROT;Acc:P10924]	gbct04_plate4_E04	1.417820129	0.011509002
126	ENSMUSG000000037258	interferon gamma induced GTPase. [Source:RefSeq;Acc:NM_018738]	MTG_602477010	1.412832142	0.017206186
127	EST		gbct04_plate6_F14	1.411455705	0.020026915
128	ENSMUSG000000020277	6-phosphofructokinase, liver type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Ph	MTG_602468532	1.399737667	0.026732922
129	ENSMUSG0000000031925		MTG_602477461	1.399247293	0.019561022
130	ENSMUSG000000041187		MTG_602469801	1.390994667	0.023570004
131	ENSMUSG000000028248		gbct04_plate3_P21	1.38308174	0.016194512
132	ENSMUSG000000028494	Adipophilin (Adipose differentiation-related protein) (ADRP). [Source:Uniprot/SWISSPROT;Acc:P43	MTG_602475432	1.36487929	0.016072682
133	ENSMUSG000000006740	Kinesin heavy chain (Ubiquitous kinesin heavy chain) (UKHC). [Source:Uniprot/SWISSPROT;Acc:Q	gbct04_plate3_I16	1.364220201	0.023420813
134	ENSMUSG000000040220	Growth-arrest-specific protein 8 (Growth arrest-specific 11). [Source:Uniprot/SWISSPROT;Acc:Q60	MTG_602472555	1.364020029	0.020057066
135	EST		MTG_602473309	1.362851685	0.024173921
136	ENSMUSG000000026602	Podocin. [Source:Uniprot/SWISSPROT;Acc:Q91X05]	MTG_602469228	1.360871044	0.018068716
137	ENSMUSG000000027546	Potential phospholipid-transporting ATPase IIA (EC 3.6.3.1). [Source:Uniprot/SWISSPROT;Acc:O7	MTG_602473634	1.35683976	0.019412045
138	ENSMUSG000000027875	Hydroxymethylglutaryl-CoA synthase, mitochondrial precursor (EC 2.3.3.10) (HMG-CoA synthase)	(MTG_602474757	1.353752641	0.012935212
139	ENSMUSG000000027763	Muscleblind-like protein (Triplet-expansion RNA-binding protein). [Source:Uniprot/SWISSPROT;Acc	gbct04_plate3_M22	1.350840607	0.033974815
140	EST		MTG_602474635	1.347273925	0.0144454801
141	ENSMUSG000000038776	Epoxide hydrolase 1 (EC 3.3.2.3) (Microsomal epoxide hydrolase) (Epoxide hydratase). [Source:Un	MTG_602469724	1.336581291	0.016318948
142	ENSMUSG000000018574	Acyl-CoA dehydrogenase, very-long-chain specific, mitochondrial precursor (EC 1.3.99.-) (VLCAD)	MTG_602476018	1.335616507	0.014727957
143	ENSMUSG000000018819	Lymphocyte-specific protein 1 (Protein pp52) (52 kDa phosphoprotein) (Lymphocyte-specific antige	MTG_602475906	1.333744056	0.028921495
144	ENSMUSG000000019814		gbct04_plate3_N22	1.326244336	0.023589428
145	ENSMUSG000000022661	OX-2 membrane glycoprotein precursor (MRC OX-2 antigen). [Source:Uniprot/SWISSPROT;Acc:O	MTG_602469306	1.32358185	0.014910378
146	EST		MTG_602474070	1.319973511	0.023542876
147	ENSMUSG000000019928		gbct04_plate4_H20	1.319750327	0.017206186
148	ENSMUSG000000021904		MTG_602467475	1.318108554	0.023427161
149	ENSMUSG0000000031844	Estradiol 17 beta-dehydrogenase 2 (EC 1.1.1.62) (17-beta-HSD 2) (17- beta-hydroxysteroid dehydr	MTG_602476463	1.316727466	0.025066206
150	ENSMUSG000000011263		MTG_602469679	1.315399302	0.021263797
151	ENSMUSG0000000031626	Similar to ARG/ABL-interacting protein ARGP2A. [Source:Uniprot/SPTREMBL;Acc:Q8BJL6]	MTG_602468977	1.311622917	0.027912583
152	ENSMUSG000000032046		MTG_602475213	1.305977899	0.019639289
153	ENSMUSG000000018340	Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin 20) (67 kDa calelect	MTG_602477629	1.301044411	0.019323533
154	ENSMUSG000000027665	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, alpha isoform (EC 2.7.1.153) (PI3-	gbct04_plate15_C15	1.29840699	0.01570018
155	ENSMUSG0000000035163	schlafen 2. [Source:RefSeq;Acc:NM_011408]	MTG_602469390	1.29655177	0.012545431
156	ENSMUSG000000025270	5-aminolevulinic acid synthase, erythroid-specific, mitochondrial precursor (EC 2.3.1.37) (Delta-amii	MTG_602139001	1.286861902	0.016723454
157	ENSMUSG0000000032060	Alpha crystallin B chain (Alpha(B)-crystallin) (P23). [Source:Uniprot/SWISSPROT;Acc:P23927]	MTG_602468005	1.277826058	0.024538003
158	ENSMUSG000000030798	Leukocyte antigen CD37. [Source:Uniprot/SWISSPROT;Acc:Q61470]	MTG_602310593	1.277459806	0.02442335
159	ENSMUSG000000006333	ribosomal protein S9-like. [Source:RefSeq;Acc:NM_029767]	gbct04_plate15_G02	1.27109945	0.012087862
160	ENSMUSG000000044080	S-100 protein, alpha chain (S100 calcium-binding protein A1). [Source:Uniprot/SWISSPROT;Acc:P	MTG_602476026	1.26535929	0.01494204
161	ENSMUSG000000042757		MTG_602469868	1.264435547	0.027322179
162	ENSMUSG000000054748	Seven transmembrane receptor homolog (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q8BZJ9]	gbct04_plate3_P01	1.263169545	0.023317186
163	ENSMUSG000000020894	Vesicle-associated membrane protein 2 (VAMP-2) (Synaptobrevin 2). [Source:Uniprot/SWISSPROT	gbct04_plate15_K05	1.262803992	0.016355585
164	ENSMUSG000000005125	NDRG1 protein (N-myc downstream regulated gene 1 protein) (Protein Ndr1). [Source:Uniprot/SWIS	MTG_602470381	1.25445298	0.022885931

165	ENSMUSG00000045954	serum deprivation response. [Source:RefSeq;Acc:NM_138741]	MTG_602467439	1.252842823	0.028220986
166	ENSMUSG00000047766		MTG_602473724	1.252783517	0.021442667
167	ENSMUSG00000026576	Sodium/potassium-transporting ATPase beta-1 chain (Sodium/potassium- dependent ATPase beta-	gbct04_plate3_A04	1.252580629	0.018417344
168	ENSMUSG00000031167	Putative RNA-binding protein 3 (RNA binding motif protein 3). [Source:Uniprot/SWISSPROT;Acc:O8	gbct04_plate5_D02	1.248345818	0.023427161
169	ENSMUSG00000062234	Cyclin G-associated kinase (EC 2.7.1.-) (Fragment). [Source:Uniprot/SWISSPROT;Acc:Q99KY4]	MTG_602471376	1.241004461	0.025043965
170	ENSMUSG00000035596		MTG_602477641	1.229959988	0.023447163
171	ENSMUSG00000009281	retinoic acid receptor responder (tazarotene induced) 2; EST AI303516. [Source:RefSeq;Acc:NM_0	MTG_602473028	1.2206684	0.018627044
172	ENSMUSG00000060036	60S ribosomal protein L3 (J1 protein). [Source:Uniprot/SWISSPROT;Acc:P27659]	gbct04_plate14_C15	1.218486519	0.01395702
173	ENSMUSG00000018927	Small inducible cytokine A6 precursor (CCL6) (C10 protein). [Source:Uniprot/SWISSPROT;Acc:P27	MTG_602473915	1.21647706	0.018505841
174	ENSMUSG00000020057		MTG_602475937	1.215239126	0.021352892
175	ENSMUSG00000020024		gbct04_plate3_C10	1.210449188	0.025399515
176	ENSMUSG00000038619	Alpha-endosulfine. [Source:Uniprot/SWISSPROT;Acc:P60840]	MTG_602472332	1.206253759	0.028436223
177	EST		MTG_602471672	1.200322666	0.017291215
178	EST		MTG_602473125	1.200097979	0.021782381
179	ENSMUSG00000053898	Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-). [Source:Uniprot/SW	MTG_602470174	1.197766863	0.024103813
180	ENSMUSG00000030515	BBP-like protein 2. [Source:RefSeq;Acc:NM_026795]	MTG_602474663	1.197586842	0.023297915
181	ENSMUSG00000032294	Pyruvate kinase, M2 isozyme (EC 2.7.1.40). [Source:Uniprot/SWISSPROT;Acc:P52480]	gbct04_plate13_K17	1.19374493	0.018889228
182	ENSMUSG00000063903	Glandular kallikrein K3 precursor (EC 3.4.21.35) (Tissue kallikrein 3) (mGK-3) (7S nerve growth fact	MTG_602472966	1.1746165	0.018478344
183	ENSMUSG00000026712	mannose receptor, C type 1. [Source:RefSeq;Acc:NM_008625]	MTG_602469464	1.170329892	0.032499273
184	ENSMUSG00000040380	cerebellin 3 precursor protein; precerebellin 3. [Source:RefSeq;Acc:NM_019820]	MTG_602472883	1.16381428	0.019758892
185	ENSMUSG00000019951		gbct04_plate9_K16	1.159534452	0.024173921
186	ENSMUSG00000040003	Atrophen-1 interacting protein 1 (Membrane associated guanylate kinase inverted-2) (MAGI-2) (Activ	MTG_602472204	1.154472597	0.030232939
187	ENSMUSG00000029580	Actin, cytoplasmic 1 (Beta-actin). [Source:Uniprot/SWISSPROT;Acc:P60710]	gbct04_plate7_C15	1.152715928	0.020785866
188	ENSMUSG00000025810	Neuropilin-1 precursor (A5 protein). [Source:Uniprot/SWISSPROT;Acc:P97333]	MTG_602467463	1.150806532	0.028616596
189	ENSMUSG00000013787	Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltran	MTG_602469391	1.149959512	0.034053273
190	ENSMUSG00000020315	Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta cha	MTG_602468059	1.149014242	0.019184977
191	ENSMUSG00000023175	Basigin precursor (Basic immunoglobulin superfamily) (Membrane glycoprotein GP42). [Source:Unij	MTG_602467092	1.148291608	0.018768028
192	ENSMUSG000000057297	Short-chain dehydrogenase/reductase 3 (EC 1.1.-.-) (Retinal short- chain dehydrogenase/reductase	MTG_602474636	1.14242348	0.017407938
193	ENSMUSG00000027447	Cystatin C precursor (Cystatin 3). [Source:Uniprot/SWISSPROT;Acc:P21460]	MTG_602476758	1.140216299	0.018609518
194	ENSMUSG00000030088	10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH). [Source:Uniprot/SWISSPROT	MTG_602471275	1.13911795	0.026328687
195	ENSMUSG00000005687	breast carcinoma amplified sequence 2. [Source:RefSeq;Acc:NM_026602]	MTG_602477072	1.138720878	0.032765649
196	ENSMUSG00000009126	Neuron specific protein family member 1 (Brain neuron cytoplasmic protein 1) (P21) (M234). [Sou	MTG_602474823	1.138539241	0.016318948
197	ENSMUSG00000002997	cAMP-dependent protein kinase type II-beta regulatory chain (Fragment). [Source:Uniprot/SWISSPI	MTG_602472504	1.137893169	0.030248441
198	ENSMUSG00000059268		MTG_602472683	1.137701528	0.034002012
199	ENSMUSG00000032855	polycystin-1. [Source:RefSeq;Acc:NM_013630]	MTG_602475896	1.136170265	0.016952313
200	ENSMUSG00000057111	60S ribosomal protein L3 (J1 protein). [Source:Uniprot/SWISSPROT;Acc:P27659]	gbct04_plate16_M13	1.135706546	0.018268865
201	EST		MTG_602474082	1.134672801	0.03128956
202	ENSMUSG00000001829	Suppressor of potassium transport defect 3 (SKD3 protein). [Source:Uniprot/SWISSPROT;Acc:Q60	gbct04_plate17_P11	1.120039613	0.01674309
203	ENSMUSG000000046487		MTG_602474851	1.116855551	0.025859671
204	ENSMUSG00000008730	Homeodomain-interacting protein kinase 1 (EC 2.7.1.-). [Source:Uniprot/SWISSPROT;Acc:O88904]	gbct04_plate4_I03	1.112500919	0.025944721
205	ENSMUSG00000026600	Sterol O-acyltransferase 1 (EC 2.3.1.26) (Cholesterol acyltransferase 1) (Acyl coenzyme A:choleste	MTG_602475290	1.098626342	0.018577002
206	ENSMUSG00000018339		MTG_602469614	1.096831515	0.018017039
207	ENSMUSG00000023010	testis enhanced gene transcript; Bax inhibitor-1. [Source:RefSeq;Acc:NM_026669]	gbct04_plate12_F22	1.090344784	0.017566159
208	ENSMUSG00000030556		MTG_602469885	1.084898453	0.027803259
209	ENSMUSG00000025498	Interferon regulatory factor 7 (IRF-7). [Source:Uniprot/SWISSPROT;Acc:P70434]	MTG_602473730	1.083380357	0.018505841
210	ENSMUSG00000031640	Plasma kallikrein precursor (EC 3.4.21.34) (Plasma prekallikrein) (Kininogenin) (Fletcher factor). [Sc	MTG_602473244	1.07678612	0.029707808
211	ENSMUSG00000020674	MKIAA0230 protein (Fragment). [Source:Uniprot/SPTREMBL;Acc:Q80U60]	MTG_602470192	1.07590665	0.019040361
212	ENSMUSG00000030744	40S ribosomal protein S3. [Source:Uniprot/SWISSPROT;Acc:P17073]	gbct04_plate4_N11	1.069265387	0.019589063
213	ENSMUSG00000061922		gbct04_plate16_L16	1.069063095	0.024400158
214	ENSMUSG00000020737	hematological and neurological expressed sequence 1. [Source:RefSeq;Acc:NM_008258]	MTG_602467113	1.0688698	0.020424741
215	EST		gbct04_plate3_P07	1.06768806	0.033239933
216	ENSMUSG00000030630	Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA). [Sou	MTG_602477122	1.067159591	0.02101632
217	ENSMUSG00000063856	Glutathione peroxidase (EC 1.11.1.9) (GSHPx-1) (Cellular glutathione peroxidase). [Source:Uniprot	MTG_602470932	1.065526188	0.01850319
218	ENSMUSG00000023456	Triosephosphate isomerase (EC 5.3.1.1) (TIM). [Source:Uniprot/SWISSPROT;Acc:P17751]	gbct04_plate5_A22	1.064285688	0.026380313
219	EST		MTG_602468884	1.063370835	0.023640977
220	ENSMUSG00000021583	Adipocyte-derived leucine aminopeptidase precursor (EC 3.4.11.-) (A- LAP) (ARTS-1) (Aminopeptid	MTG_602473991	1.058569382	0.033311294
221	ENSMUSG00000027962	Vascular cell adhesion protein 1 precursor (V-CAM 1). [Source:Uniprot/SWISSPROT;Acc:P29533]	MTG_602474162	1.057467925	0.028196573
222	ENSMUSG00000024597	Solute carrier family 12 member 2 (Bumetanide-sensitive sodium- (potassium)-chloride cotransporte	MTG_602469904	1.041153101	0.025859671
223	ENSMUSG00000021754	Mitogen-activated protein kinase kinase kinase 1 (EC 2.7.1.-) (MAPK/ERK kinase kinase 1) (MEK ki	MTG_602475810	1.033289632	0.026949636
224	ENSMUSG00000026480	neutrophil cytosolic factor 2; NADPH oxidase subunit (67 kDa); NADPH oxidase subunit (67kDa). [Sc	MTG_602475250	1.026641412	0.030325663
225	ENSMUSG00000032399	60S ribosomal protein L4 (L1). [Source:Uniprot/SWISSPROT;Acc:Q9D8E6]	gbct04_plate16_B23	1.025149817	0.020228842

226	ENSMUSG00000019997	Connective tissue growth factor precursor (FISP-12 protein) (Hypertrophic chondrocyte-specific prot	gbctl04_plate17_C17	1.020704662	0.023640977
227	ENSMUSG000000059325	homeodomain only protein; odd homeobox 1. [Source:RefSeq;Acc:NM_175606]	gbctl04_plate5_G15	1.018700381	0.02789476
228	ENSMUSG000000024661	Ferritin heavy chain (Ferritin H subunit). [Source:Uniprot/SWISSPROT;Acc:P09528]	gbctl04_plate10_O24	1.015388611	0.018577002
229	ENSMUSG000000005823	G protein-coupled receptor 108. [Source:RefSeq;Acc:NM_030084]	MTG_602468205	1.00794066	0.029659294
230	ENSMUSG000000037253		gbctl04_plate6_F19	1.007786782	0.024615484
231	ENSMUSG000000029838	Pleiotrophin precursor (PTN) (Heparin-binding growth-associated molecule) (HB-GAM) (Heparin-bin	gbctl04_plate3_A21	1.004968155	0.031027661
232	ENSMUSG000000022828	Transcription initiation factor IIE, alpha subunit (TFIIE-alpha) (General transcription factor IIE 56 kD;	gbctl04_plate6_G18	1.000253752	0.024217749

Table S10

Differentially expressed genes in Foxc2 -/- glomeruli compared to +/+ glomeruli revealed using the GlomChip platform.

Ratio refers to the log₂ ratio between *Foxc2*^{+/+} and *-/-* glomeruli.