Electronic supplementary material

ESM Table 3 The most depleted transcripts in pancreatic islets

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000071519	*Prss3*	T-cell receptor beta, variable V20 gene	0.37	553.89	0.0007
ENSMUSG00000030954	*Gp2*	Glycoprotein 2 (zymogen granule membrane) gene	1.02	493.42	0.0021
ENSMUSG00000071356	*Reg3b*	Regenerating islet-derived 3 beta gene	0.63	268.01	0.0023
ENSMUSG00000029522	*Pla2g1b*	Phospholipase A2, group IB, pancreas gene	1.07	425.76	0.0025
ENSMUSG00000031919	*Tmed6*	Transmembrane emp24 protein transport domain containing 6 gene	0.75	273.66	0.0027
ENSMUSG00000036781	*Rps27l*	Ribosomal protein S27-like gene	0.96	348.94	0.0028
ENSMUSG00000024028	*Tff2*	Trefoil factor 2 (spasmolytic protein 1) gene	1.29	424.19	0.0030
ENSMUSG00000068341	*Reg3d*	Regenerating islet-derived 3 delta gene	0.49	156.50	0.0031
ENSMUSG00000030219	*Erp27*	Endoplasmic reticulum protein 27 gene	0.25	79.16	0.0031
ENSMUSG00000004821	*1810008K16Rik*	RIKEN cdna 1810008K16 gene gene	0.39	123.84	0.0032
ENSMUSG00000020051	*Pah*	Phenylalanine hydroxylase gene	0.50	158.77	0.0032
ENSMUSG00000022878	*Adipoq*	Adiponectin, C1Q and collagen domain containing gene	0.25	68.19	0.0037
ENSMUSG00000024747	*Aldh1a7*	Aldehyde dehydrogenase family 1, subfamily A2 gene	0.35	94.69	0.0037
ENSMUSG00000024184	*Pdia2*	Protein disulfide isomerase associated 2 gene	1.46	349.15	0.0042
ENSMUSG00000040205	*Cuzd1*	CUB and zona pellucida-like domains 1 gene	2.33	540.24	0.0043
ENSMUSG00000026735	*Ptf1a*	Pancreas specific transcription factor, 1a gene	0.35	80.29	0.0044
ENSMUSG00000024661	*Fth1*	Ferritin heavy chain 1 gene	0.88	186.64	0.0047
ENSMUSG00000006345	*Ggt1*	Gamma-glutamyltransferase 1 gene	0.48	99.65	0.0048
ENSMUSG00000029193	*Cckar*	Cholecystokinin A receptor gene	0.72	146.48	0.0049
ENSMUSG00000040016	*Ptger3*	Prostaglandin E receptor 3 (subtype EP3) gene	0.38	70.40	0.0053
ENSMUSG00000034139	*Serpini2*	Serine (or cysteine) peptidase inhibitor, clade I, member 2 gene	1.35	242.20	0.0056
ENSMUSG00000053279	*Aldh1a1*	Aldehyde dehydrogenase family 1, subfamily A1 gene	0.27	48.51	0.0056
ENSMUSG00000058579	*Ela2a*	Elastase 2A gene	5.70	961.76	0.0059
ENSMUSG00000003380	*Rabac1*	Rab acceptor 1 (prenylated) gene	0.43	69.91	0.0062
ENSMUSG00000062478	*Ctrc*	Chymotrypsin C (caldecrin) gene	3.96	617.38	0.0064
ENSMUSG00000056329	*1810010K12Rik*	RIKEN cdna 1810010K12 gene gene	0.28	42.65	0.0065
ENSMUSG00000026818	*Cel*	Carboxyl ester lipase gene	6.41	988.92	0.0065
ENSMUSG00000059654	*Reg1*	Regenerating islet-derived 1 gene	4.24	654.14	0.0065

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000031170	*Slc38a5*	Solute carrier family 38, member 5 gene	0.35	51.25	0.0068
ENSMUSG00000066512	*Klk1*	Kallikrein 1-related peptidase b1 gene	2.32	334.97	0.0069
ENSMUSG00000056054	*S100a8*	S100 calcium binding protein A8 (calgranulin A) gene	0.24	32.28	0.0073
ENSMUSG00000073433	*Arhgdig*	Rho GDP dissociation inhibitor (GDI) gamma gene	1.05	142.32	0.0074
ENSMUSG00000066515	*Klk1b4*	Kallikrein 1-related pepidase b4 gene	0.19	23.16	0.0081
ENSMUSG00000063903	*AC124176.3-202*	Kallikrein-1 Precursor (EC 3.4.21.35)(Tissue kallikrein-6)(mgk-6)(Glandular kallikrein K1)(Renal kallikrein)(KAL-B)	11.23	1376.13	0.0082
ENSMUSG00000008540	*Mgst1*	Microsomal glutathione S-transferase 1 gene	0.44	52.77	0.0083
ENSMUSG00000071553	*Cpa2*	Carboxypeptidase A2, pancreatic gene	6.89	829.32	0.0083
ENSMUSG00000027199	*Gatm*	Glycine amidinotransferase (L-arginine:glycine amidinotransferase) gene	1.42	151.21	0.0094
ENSMUSG00000036169	*Sostdc1*	Sclerostin domain containing 1 gene	0.38	38.32	0.0099
ENSMUSG00000021922	*Itih4*	Inter alpha-trypsin inhibitor, heavy chain 4 gene	0.35	34.20	0.0103
ENSMUSG00000061780	*Cfd*	Complement factor D (adipsin) gene	0.45	42.72	0.0105
ENSMUSG00000019929	*Dcn*	Decorin gene	0.65	55.75	0.0117
ENSMUSG00000039878	*Slc39a5*	Solute carrier family 39 (metal ion transporter), member 5 gene	0.29	24.47	0.0120
ENSMUSG00000074264	*Amy1*	Amylase 1, salivary gene	0.74	61.13	0.0120
ENSMUSG00000046352	*Gjb2*	Gap junction protein, beta 2 gene	0.40	32.73	0.0122
ENSMUSG00000031765	*Mt1*	Metallothionein 1 gene	1.11	90.94	0.0122
ENSMUSG00000002944	*Cd36*	CD36 antigen gene	0.42	32.05	0.0130
ENSMUSG00000041351	*Rap1gap*	Rap1 gtpase-activating protein gene	0.75	55.69	0.0134
ENSMUSG00000021238	*Aldh6a1*	Aldehyde dehydrogenase family 6, subfamily A1 gene	0.59	40.59	0.0145
ENSMUSG00000030763	*Lcmt1*	Leucine carboxyl methyltransferase 1 gene	1.15	76.79	0.0150
ENSMUSG00000023140	*Reg2*	Regenerating islet-derived 2 gene	8.11	538.51	0.0151
ENSMUSG00000024659	*Anxa1*	Annexin A1 gene	0.35	22.91	0.0151
ENSMUSG00000002769	*Gnmt*	Glycine N-methyltransferase gene	0.49	30.67	0.0161
ENSMUSG00000053898	*Ech1*	Enoyl coenzyme A hydratase 1, peroxisomal gene	1.87	113.93	0.0164
ENSMUSG00000049404	*Rarres1*	Retinoic acid receptor responder (tazarotene induced) 1 gene	0.30	17.93	0.0165
ENSMUSG00000045091	*Aqp12*	Aquaporin 12 gene	0.43	26.10	0.0166
ENSMUSG00000020309	*Chac2*	Chac, cation transport regulator homologue 2 (E. Coli) gene	0.38	23.03	0.0166
ENSMUSG00000029373	*Pf4*	Platelet factor 4 gene	0.22	12.93	0.0170
ENSMUSG00000010064	*Slc38a3*	Solute carrier family 38, member 3 gene	0.34	19.21	0.0179

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000047843	*Bri3*	Brain protein I3 gene	0.46	25.04	0.0183
ENSMUSG00000019872	*Smpdl3a*	Sphingomyelin phosphodiesterase, acid-like 3A gene	0.92	50.35	0.0184
ENSMUSG00000047517	*Dmbt1*	Deleted in malignant brain tumors 1 gene	11.15	574.04	0.0194
ENSMUSG00000024150	*Mcfd2*	Multiple coagulation factor deficiency 2 gene	1.93	98.50	0.0196
ENSMUSG00000027637	*1110008F13Rik*	RIKEN cdna 1110008F13 gene gene	1.26	62.40	0.0202
ENSMUSG00000023433	*Ela3*	Elastase 3, pancreatic gene	25.76	1242.56	0.0207
ENSMUSG00000039899	*Fgl2*	Fibrinogen-like protein 2 gene	0.33	15.69	0.0207
ENSMUSG00000014769	*Psmb1*	Proteasome (prosome, macropain) subunit, beta type 1 gene	0.99	46.29	0.0213
ENSMUSG00000008036	*Ap2s1*	Adaptor-related protein complex 2, sigma 1 subunit gene	0.83	37.68	0.0221
ENSMUSG00000019851	*Perp*	PERP, TP53 apoptosis effector gene	0.70	30.28	0.0230
ENSMUSG00000017344	*Vtn*	Vitronectin gene	1.30	55.95	0.0232
ENSMUSG00000024503	*Spink3*	Serine peptidase inhibitor, Kazal type 3 gene	15.48	665.49	0.0233
ENSMUSG00000006333	*Rps9*	Ribosomal protein S9 gene	5.45	230.92	0.0236
ENSMUSG00000003355	*Fkbp11*	FK506 binding protein 11 gene	2.65	109.37	0.0242
ENSMUSG00000024085	*Man2a1*	Mannosidase 2, alpha 1 gene	0.80	31.66	0.0252
ENSMUSG00000026095	*Asnsd1*	Asparagine synthetase domain containing 1 gene	0.96	37.84	0.0253
ENSMUSG00000007888	*Crlf1*	Cytokine receptor-like factor 1 gene	0.30	11.68	0.0253
ENSMUSG00000020467	*Efemp1*	Epidermal growth factor-containing fibulin-like extracellular matrix protein 1 gene	0.34	13.58	0.0254
ENSMUSG00000020053	*Igf1*	Insulin-like growth factor 1 gene	0.36	14.00	0.0257
ENSMUSG00000025732	*9530058B02Rik*	RIKEN cdna 9530058B02 gene gene	0.48	18.26	0.0262
ENSMUSG00000034353	*Ramp1*	Receptor (calcitonin) activity modifying protein 1 gene	0.24	9.28	0.0263
ENSMUSG00000030157	*Clec2d*	C-type lectin domain family 2, member d gene	0.30	11.46	0.0265
ENSMUSG00000058217	*Mia1*	Melanoma inhibitory activity 1 gene	0.58	21.34	0.0271
ENSMUSG00000022450	*Ndufa6*	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14) gene	1.56	57.31	0.0272
ENSMUSG00000069132	*Nxph2*	Neurexophilin 2 gene	0.24	8.62	0.0274
ENSMUSG00000041654	*Slc39a11*	Solute carrier family 39 (metal ion transporter), member 11 gene	0.43	15.51	0.0276
ENSMUSG00000025465	*Echs1*	Enoyl Coenzyme A hydratase, short chain, 1, mitochondrial gene	0.61	21.83	0.0277
ENSMUSG00000027559	*Car3*	Carbonic anhydrase 3 gene	0.59	21.01	0.0280
ENSMUSG00000026003	*Acadl*	Acyl-Coenzyme A dehydrogenase, long-chain gene	0.66	23.41	0.0281
ENSMUSG00000023031	*Ela1*	Elastase 1, pancreatic gene	21.90	774.50	0.0283

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000039168	*Dap*	Death-associated protein gene	1.35	47.29	0.0285
ENSMUSG00000054446	*Cpa1*	Carboxypeptidase A1 gene	48.49	1679.40	0.0289
ENSMUSG00000024143	*Rhoq*	Ras homologue gene family, member Q gene	3.58	122.30	0.0293
ENSMUSG00000022037	*Clu*	Clusterin gene	9.22	311.99	0.0295
ENSMUSG00000020787	*P2rx1*	Purinergic receptor P2X, ligand-gated ion channel, 1 gene	0.34	11.33	0.0298
ENSMUSG00000025091	*Pnliprp2*	Pancreatic lipase-related protein 2 gene	13.87	459.58	0.0302
ENSMUSG00000032357	*Tinag*	Tubulointerstitial nephritis antigen gene	0.22	7.11	0.0305
ENSMUSG00000047040	*Atad4*	Atpase family, AAA domain containing 4 gene	0.66	21.52	0.0307
ENSMUSG00000026986	*Hnmt*	Histamine N-methyltransferase gene	0.22	7.12	0.0308
ENSMUSG00000026832	*Pscdbp*	Cytohesin 1 interacting protein gene	0.26	8.43	0.0309
ENSMUSG00000063275	*Ptpla*	Protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a gene	0.84	26.76	0.0315
ENSMUSG00000015478	*Rnf5*	Ring finger protein 5 gene	0.76	23.98	0.0318
ENSMUSG00000041881	*Ndufa7*	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a) gene	0.73	22.76	0.0322
ENSMUSG00000027333	*Smox*	Spermine oxidase gene	0.32	9.92	0.0323
ENSMUSG00000002985	*Apoe*	Apolipoprotein E gene	0.50	15.41	0.0323
ENSMUSG00000023074	*Mospd1*	Motile sperm domain containing 1 gene	0.38	11.65	0.0325
ENSMUSG00000036887	*C1qa*	Complement component 1, q subcomponent, alpha polypeptide gene	0.30	9.07	0.0326
ENSMUSG00000063713	*Klk1b3*	Kallikrein 1-related peptidase b3 gene	0.31	9.13	0.0335
ENSMUSG00000055044	*Pdlim1*	PDZ and LIM domain 1 (elfin) gene	0.38	11.26	0.0335
ENSMUSG00000015932	*Dstn*	Destrin gene	1.19	35.24	0.0337
ENSMUSG00000020307	*Cdc34*	Cell division cycle 34 homologue (S. Cerevisiae) gene	1.28	37.78	0.0340
ENSMUSG00000025481	*1190003J15Rik*	RIKEN cdna 1190003J15 gene gene	0.52	15.10	0.0343
ENSMUSG00000036381	*P2ry14*	Purinergic receptor P2Y, G-protein coupled, 14 gene	0.34	10.03	0.0343
ENSMUSG00000035896	*Rnase1*	Ribonuclease, rnase A family, 1 (pancreatic) gene	32.41	941.30	0.0344
ENSMUSG00000044734	*Serpinb1a*	Serine (or cysteine) peptidase inhibitor, clade B, member 1a gene	0.36	10.41	0.0345
ENSMUSG00000042179	*Pnliprp1*	Pancreatic lipase related protein 1 gene	25.79	738.64	0.0349
ENSMUSG00000057103	*Cml1*	Camello-like 1 gene	0.61	17.42	0.0350
ENSMUSG00000030017	*Reg3g*	Regenerating islet-derived 3 gamma gene	0.31	8.85	0.0351
ENSMUSG00000024907	*Gal*	Galanin gene	0.24	6.97	0.0351
ENSMUSG00000066513	*Klk1b5*	Kallikrein 1-related peptidase b5 gene	3.60	101.50	0.0355

Ensemble gene	Gene		Relative fluorescence		
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ENSMUSG00000037254	*Itih2*	Inter-alpha trypsin inhibitor, heavy chain 2 gene	0.34	9.50	0.0357
ENSMUSG00000048706	*D4Bwg0951e*	Uncharacterized protein c9orf150 homologue	0.90	24.92	0.0362
ENSMUSG00000067149	*Igj*	Immunoglobulin joining chain gene	2.44	67.22	0.0363
ENSMUSG00000019762	*Iyd*	Iodotyrosine deiodinase gene	0.33	8.96	0.0365
ENSMUSG00000021785	*Ngly1*	N-glycanase 1 gene	1.19	32.14	0.0372
ENSMUSG00000030802	*Bckdk*	Branched chain ketoacid dehydrogenase kinase gene	2.08	56.03	0.0372
ENSMUSG00000029066	*Mrpl20*	Mitochondrial ribosomal protein L20 gene	0.80	21.44	0.0374
ENSMUSG00000073411	*H2-D1*	Histocompatibility 2, Q region locus 2 gene	2.11	56.31	0.0374
ENSMUSG00000047112	*AC124681.3*		0.26	6.63	0.0385
ENSMUSG00000056071	*S100a7a*	S100 calcium binding protein A7A gene	0.58	14.95	0.0385
ENSMUSG00000002379	*Ndufa11*	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 11 gene	1.19	30.94	0.0386
ENSMUSG00000022969	*Il10rb*	Interleukin 10 receptor, beta gene	0.54	13.94	0.0388
ENSMUSG00000002416	*Ndufb2*	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2 gene	1.59	40.91	0.0390
ENSMUSG00000020015	*Pctk2*	PCTAIRE-motif protein kinase 2 gene	0.53	13.32	0.0395
ENSMUSG00000001123	*Lgals9*	Lectin, galactose binding, soluble 9 gene	0.39	9.79	0.0400
ENSMUSG00000001707	*Eef1e1*	Eukaryotic translation elongation factor 1 epsilon 1 gene	0.49	11.95	0.0406
ENSMUSG00000073481	*Mosc2*	MOCO sulphurase C-terminal domain containing 2 gene	1.76	43.10	0.0409
ENSMUSG00000002014	*Ssr4*	Signal sequence receptor, delta gene	10.46	254.99	0.0410
ENSMUSG00000043252	*Tmem64*	Transmembrane protein 64 gene	1.19	28.94	0.0410
ENSMUSG00000046008	*Pnlip*	Pancreatic lipase gene	29.49	715.72	0.0412
ENSMUSG00000030591	*Psmd8*	Proteasome (prosome, macropain) 26S subunit, non-atpase, 8 gene	1.33	32.00	0.0415
ENSMUSG00000023307	*March5*	Membrane-associated ring finger (C3HC4) 5 gene	1.14	27.26	0.0417
ENSMUSG00000024857	*Cabp2*	Calcium binding protein 2 gene	0.80	19.23	0.0417
ENSMUSG00000051695	*Pcbp1*	Poly(rc) binding protein 1 gene	1.40	33.55	0.0417
ENSMUSG00000030615	*Tmem126a*	Transmembrane protein 126A gene	1.82	43.59	0.0418
ENSMUSG00000010911	*Apip*	APAF1 interacting protein gene	0.86	20.49	0.0421
ENSMUSG00000025651	*Uqcrc1*	Ubiquinol-cytochrome c reductase core protein 1 gene	0.94	22.32	0.0421
ENSMUSG00000060376	*Bckdha*	Branched chain ketoacid dehydrogenase E1, alpha polypeptide gene	0.55	13.09	0.0421
ENSMUSG00000001918	*Slc1a5*	Solute carrier family 1 (neutral amino acid transporter), member 5 gene	0.42	9.91	0.0428
ENSMUSG00000014856	*Tmem208*	Transmembrane protein 208 gene	2.23	52.01	0.0429
ENSMUSG00000024538	*Ppic*	Peptidylprolyl isomerase C gene	1.57	36.26	0.0432

Ensemble gene	Gene		Relative fluorescence		
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ENSMUSG00000020484	*Xbp1*	X-box binding protein 1 gene	5.01	115.68	0.0433
ENSMUSG00000020219	*AC152413.5*	Mitochondrial import inner membrane translocase subunit Tim13	1.69	38.83	0.0435
ENSMUSG00000060002	*Chpt1*	Choline phosphotransferase 1 gene	0.31	7.04	0.0436
ENSMUSG00000038650	*Rnh1*	Ribonuclease/angiogenin inhibitor 1 gene	1.59	36.12	0.0440
ENSMUSG00000052738	*Suclg1*	Succinate-coa ligase, GDP-forming, alpha subunit gene	1.85	42.14	0.0440
ENSMUSG00000019804	*Snx3*	Sorting nexin 3 gene	2.71	60.81	0.0445
ENSMUSG00000020372	*Gnb2l1*	Guanine nucleotide binding protein (G protein), beta polypeptide 2 like 1 gene	17.68	395.30	0.0447
ENSMUSG00000002395	*Use1*	Unconventional SNARE in the ER 1 homologue (S. Cerevisiae) gene	1.28	28.26	0.0454
ENSMUSG00000035237	*Lcat*	Lecithin cholesterol acyltransferase gene	0.58	12.82	0.0454
ENSMUSG00000030688	*Stard10*	START domain containing 10 gene	2.22	48.56	0.0458
ENSMUSG00000039197	*Adk*	Adenosine kinase gene	3.28	71.39	0.0459
ENSMUSG00000020072	*Pbld*	Phenazine biosynthesis-like protein domain containing gene	0.27	5.77	0.0461
ENSMUSG00000042784	*Muc1*	Mucin 1, transmembrane gene	0.33	7.18	0.0462
ENSMUSG00000047797	*Gjb1*	Gap junction protein, beta 1 gene	0.23	5.06	0.0462
ENSMUSG00000000058	*Cav2*	Caveolin 2 gene	0.51	11.13	0.0462
ENSMUSG00000049350	*1810010M01Rik*	RIKEN cdna 1810010M01 gene gene	26.31	560.10	0.0470
ENSMUSG00000040370	*Lyrm5*	LYR motif containing 5 gene	0.57	12.05	0.0470
ENSMUSG00000034758	*Tle6*	Transducin-like enhancer of split 6, homologue of Drosophila E(spl) gene	0.85	17.80	0.0478
ENSMUSG00000032263	*Bckdhb*	Branched chain ketoacid dehydrogenase E1, beta polypeptide gene	0.70	14.43	0.0482
ENSMUSG00000019173	*Rab5c*	RAB5C, member RAS oncogene family gene	0.79	16.34	0.0482
ENSMUSG00000038080	*Aof1*	Amine oxidase, flavin containing 1 gene	0.64	13.27	0.0483
ENSMUSG00000068220	*Lgals1*	Lectin, galactose binding, soluble 1 gene	7.97	163.93	0.0486
ENSMUSG00000025393	*Atp5b*	ATP synthase, H+ transporting mitochondrial F1 complex, beta subunit gene	2.68	54.04	0.0496
ENSMUSG00000029397	*Rchy1*	Ring finger and CHY zinc finger domain containing 1 gene	0.86	17.29	0.0497
ENSMUSG00000006299	*Aamp*	Angio-associated migratory protein gene	0.94	18.94	0.0498
ENSMUSG00000041390	*Mdfic*	Myod family inhibitor domain containing gene	0.33	6.53	0.0500
ENSMUSG00000030088	*Aldh1l1*	Aldehyde dehydrogenase 1 family, member L1 gene	0.32	6.33	0.0501
ENSMUSG00000050103	*Tmem195*	Transmembrane protein 195 gene	0.24	4.84	0.0501
ENSMUSG00000053565	*Eif3k*	Eukaryotic translation initiation factor 3, subunit K gene	4.04	79.85	0.0506
ENSMUSG00000045896	*Paip2b*	Poly(A) binding protein interacting protein 2B gene	0.84	16.49	0.0512

Ensemble gene	Gene		Relative fluorescence		
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ENSMUSG00000058135	*Gstm1*	Glutathione S-transferase, mu 1 gene	0.41	7.92	0.0521
ENSMUSG00000038462	*Uqcrfs1*	Ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 gene	1.32	25.09	0.0525
ENSMUSG00000027109	*Sp3*	Trans-acting transcription factor 3 gene	0.44	8.28	0.0527
ENSMUSG00000022270	*1810015C04Rik*	Family with sequence similarity 134, member B gene	0.72	13.59	0.0531
ENSMUSG00000026938	*Fcna*	Ficolin A gene	0.35	6.51	0.0535
ENSMUSG00000029713	*Gnb2*	Guanine nucleotide binding protein (G protein), beta 2 gene	0.65	12.11	0.0536
ENSMUSG00000030087	*Klf15*	Kruppel-like factor 15 gene	0.65	12.10	0.0538
ENSMUSG00000065990	*Aurkaip1*	Aurora kinase A interacting protein 1 gene	2.11	39.14	0.0539
ENSMUSG00000020098	*Pcbd1*	Pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 1 gene	4.35	80.61	0.0540
ENSMUSG00000021794	*Glud1*	Glutamate dehydrogenase 1 gene	1.56	28.43	0.0547
ENSMUSG00000069792	*OTTMUSG00000000971*	Predicted gene, OTTMUSG00000000971 gene	0.40	7.24	0.0550
ENSMUSG00000030560	*Ctsc*	Cathepsin C gene	1.89	34.07	0.0556
ENSMUSG00000027215	*Cd82*	CD82 antigen gene	0.75	13.21	0.0564
ENSMUSG00000020955	*Ap4s1*	Adaptor-related protein complex AP-4, sigma 1 gene	0.32	5.51	0.0574
ENSMUSG00000033416	*1110038D17Rik*	RIKEN cdna 1110038D17 gene gene	0.96	16.66	0.0576
ENSMUSG00000054733	*Msra*	Methionine sulfoxide reductase A gene	0.80	13.86	0.0577
ENSMUSG00000006498	*Ptbp1*	Polypyrimidine tract binding protein 1 gene	1.67	28.67	0.0583
ENSMUSG00000027937	*Jtb*	Jumping translocation breakpoint gene	6.77	114.89	0.0589
ENSMUSG00000002332	*Dhrs1*	Dehydrogenase/reductase (SDR family) member 1 gene	0.71	12.06	0.0590
ENSMUSG00000021456	*Fbp2*	Fructose bisphosphatase 2 gene	0.36	6.08	0.0590
ENSMUSG00000037206	*Islr*	Immunoglobulin superfamily containing leucine-rich repeat gene	0.20	3.32	0.0594
ENSMUSG00000006731	*B4galnt1*	Beta-1,4-N-acetyl-galactosaminyl transferase 1 gene	0.49	8.27	0.0596
ENSMUSG00000034112	*Atp2c2*	Atpase, Ca++ transporting, type 2C, member 2 gene	0.36	6.08	0.0596
ENSMUSG00000040213	*Ccbl2*	Cysteine conjugate-beta lyase 2 gene	0.61	10.14	0.0598
ENSMUSG00000003970	*Rpl8*	Ribosomal protein L8 gene	17.78	295.80	0.0601
ENSMUSG00000028167	*Bdh2*	3-hydroxybutyrate dehydrogenase, type 2 gene	0.69	11.30	0.0609
ENSMUSG00000030278	*Cidec*	Cell death-inducing DFFA-like effector c gene	0.37	5.99	0.0611
ENSMUSG00000036446	*Lum*	Lumican gene	0.31	5.05	0.0614
ENSMUSG00000036452	*Arhgap26*	Rho gtpase activating protein 26 gene	0.31	5.09	0.0618
ENSMUSG00000011463	*Cpb1*	Carboxypeptidase B1 (tissue) gene	52.58	848.30	0.0620

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000039682	*Lap3*	Leucine aminopeptidase 3 gene	0.63	10.08	0.0622
ENSMUSG00000032554	*Trf*	Transferrin gene	0.38	6.04	0.0623
ENSMUSG00000047061	*Hsp25-ps1*	Heat shock protein 25, pseudogene 1 Pseudogene	0.47	7.61	0.0624
ENSMUSG00000030711	*Sult1a1*	Sulfotransferase family 1A, phenol-preferring, member 1 gene	0.57	9.07	0.0625
ENSMUSG00000032359	*Ctsh*	Cathepsin H gene	0.80	12.63	0.0630
ENSMUSG00000053886	*Sh2d4a*	SH2 domain containing 4A gene	0.65	10.23	0.0632
ENSMUSG00000005575	*Ube2m*	Ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast) gene	0.44	6.99	0.0633
ENSMUSG00000031896	*Ctrl*	Chymotrypsin-like gene	68.44	1080.64	0.0633
ENSMUSG00000055114	*AC152395.9*		0.22	3.48	0.0635
ENSMUSG00000062515	*Fabp4*	Fatty acid binding protein 4, adipocyte gene	7.36	115.26	0.0638
ENSMUSG00000039640	*Mrpl12*	Mitochondrial ribosomal protein L12 gene	0.98	15.31	0.0639
ENSMUSG00000059734	*Ndufs8*	NADH dehydrogenase (ubiquinone) Fe-S protein 8 gene	3.00	46.84	0.0641
ENSMUSG00000025650	*Col7a1*	Collagen, type VII, alpha 1 gene	0.47	7.24	0.0646
ENSMUSG00000044485	*Klk1b11*	Kallikrein 1-related peptidase b11 gene	0.46	7.04	0.0647
ENSMUSG00000012848	*Rps5*	Ribosomal protein S5 gene	24.97	382.88	0.0652
ENSMUSG00000074227	*Spint2*	Serine protease inhibitor, Kunitz type 2 gene	4.95	75.54	0.0655
ENSMUSG00000031807	*Pgls*	6-phosphogluconolactonase gene	1.44	21.92	0.0656
ENSMUSG00000019494	*Cops6*	COP9 (constitutive photomorphogenic) homolog, subunit 6 (Arabidopsis thaliana) gene	1.27	19.25	0.0661
ENSMUSG00000074170	*Plekhf1*	Pleckstrin homology domain containing, family F (with FYVE domain) member 1 gene	0.30	4.59	0.0662
ENSMUSG00000030037	*Mrpl53*	Mitochondrial ribosomal protein L53 gene	0.85	12.74	0.0664
ENSMUSG00000039960	*Rhou*	Ras homologue gene family, member U gene	1.51	22.66	0.0666
ENSMUSG00000015837	*Sqstm1*	Sequestosome 1 gene	2.45	36.73	0.0666
ENSMUSG00000052428	*Tmco1*	Transmembrane and coiled-coil domains 1 gene	1.61	24.15	0.0667
ENSMUSG00000021771	*Vdac2*	Voltage-dependent anion channel 2 gene	9.12	136.44	0.0668
ENSMUSG00000031818	*Cox4i1*	Cytochrome c oxidase subunit IV isoform 1 gene	13.43	200.79	0.0669
ENSMUSG00000032578	*Cish*	Cytokine inducible SH2-containing protein gene	0.88	13.08	0.0670
ENSMUSG00000032679	*Cd59a*	CD59a antigen gene	0.57	8.45	0.0678
ENSMUSG00000047368	*5730446C15Rik*	Family with sequence similarity 108, member B gene	1.25	18.50	0.0678
ENSMUSG00000025144	*Stra13*	Basic helix-loop-helix domain containing, class B2 gene	0.60	8.78	0.0679
ENSMUSG00000063882	*Uqcrh*	Ubiquinol-cytochrome c reductase hinge protein gene	8.84	130.05	0.0680

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000023883	*Phf10*	PHD finger protein 10 gene	1.71	25.18	0.0681
ENSMUSG00000039016	*Timm8b*	Translocase of inner mitochondrial membrane 8 homologue b (yeast) gene	1.39	20.17	0.0688
ENSMUSG00000024608	*Rps14*	Ribosomal protein S14 gene	17.21	249.85	0.0689
ENSMUSG00000073435	*Nme3*	Non-metastatic cells 3, protein expressed in gene	0.52	7.52	0.0694
ENSMUSG00000021775	*Nr1d2*	Nuclear receptor subfamily 1, group D, member 2 gene	3.19	45.77	0.0697
ENSMUSG00000031059	*Ndufb11*	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11 gene	4.75	67.91	0.0700
ENSMUSG00000003346	*D10Bwg1364e*	Family with sequence similarity 108, member A gene	0.37	5.32	0.0700
ENSMUSG00000030796	*Tead2*	TEA domain family member 2 gene	0.49	7.01	0.0704
ENSMUSG00000000563	*Atp5f1*	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1 gene	2.69	38.18	0.0704
ENSMUSG00000026639	*Lamb3*	Laminin, beta 3 gene	0.33	4.68	0.0705
ENSMUSG00000029229	*Chic2*	Cysteine-rich hydrophobic domain 2 gene	3.20	45.28	0.0707
ENSMUSG00000061838	*Suclg2*	Succinate-Coenzyme A ligase, GDP-forming, beta subunit gene	1.52	21.41	0.0709
ENSMUSG00000016319	*Slc25a5*	Solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator), member 5 gene	24.45	343.73	0.0711
ENSMUSG00000030103	*Bhlhb2*	Basic helix-loop-helix domain containing, class B2 gene	0.42	5.94	0.0711
ENSMUSG00000026712	*Mrc1*	Mannose receptor, C type 1 gene	0.33	4.70	0.0712
ENSMUSG00000031897	*Psmb10*	Proteasome (prosome, macropain) subunit, beta type 10 gene	8.06	112.40	0.0717
ENSMUSG00000023078	*Cxcl13*	Chemokine (C-X-C motif) ligand 13 gene	0.52	7.28	0.0717
ENSMUSG00000062054	*Iah1*	Isoamyl acetate-hydrolyzing esterase 1 homologue (S. Cerevisiae) gene	0.72	9.97	0.0719
ENSMUSG00000041828	*Abca8a*	ATP-binding cassette, sub-family A (ABC1), member 8a gene	0.76	10.58	0.0720
ENSMUSG00000023046	*Igfbp6*	Insulin-like growth factor binding protein 6 gene	0.47	6.44	0.0722
ENSMUSG00000004655	*Aqp1*	Aquaporin 1 gene	0.29	4.03	0.0722
ENSMUSG00000049775	*Tmsb4x*	Thymosin, beta 4, X chromosome gene	31.60	437.27	0.0723
ENSMUSG00000061286	*Exosc5*	Exosome component 5 gene	0.29	4.04	0.0723
ENSMUSG00000016194	*Hsd11b1*	Hydroxysteroid 11-beta dehydrogenase 1 gene	0.41	5.63	0.0732
ENSMUSG00000062397	*Zfp706*	Zinc finger protein 706 gene	3.39	46.20	0.0733
ENSMUSG00000001666	*Ddt*	D-dopachrome tautomerase gene	0.90	12.23	0.0734
ENSMUSG00000047260	*Tmem93*	Transmembrane protein 93 gene	0.59	8.10	0.0734
ENSMUSG00000028017	*Egf*	Epidermal growth factor gene	0.85	11.57	0.0737
ENSMUSG00000051154	*Commd3*	COMM domain containing 3 gene	2.57	34.82	0.0739

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000025208	*Mrpl43*	Mitochondrial ribosomal protein L43 gene	0.83	11.27	0.0740
ENSMUSG00000022337	*Ttc35*	Tetratricopeptide repeat domain 35 gene	0.98	13.28	0.0741
ENSMUSG00000025204	*Ndufb8*	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8 gene	5.81	78.37	0.0742
ENSMUSG00000060675	*Hrasls3*	Phospholipase A2, group XVI gene	0.72	9.65	0.0742
ENSMUSG00000016559	*H3f3b*	H3 histone, family 3B gene	6.32	85.11	0.0742
ENSMUSG00000024215	*Spdef*	SAM pointed domain containing ets transcription factor gene	0.33	4.49	0.0743
ENSMUSG00000041650	*Pcca*	Propionyl-Coenzyme A carboxylase, alpha polypeptide gene	0.56	7.56	0.0747
ENSMUSG00000017002	*Slpi*	Secretory leukocyte peptidase inhibitor gene	0.50	6.75	0.0747
ENSMUSG00000058833	*2810428I15Rik*	RIKEN cdna 2810428I15 gene gene	1.01	13.54	0.0748
ENSMUSG00000030691	*Fchsd2*	FCH and double SH3 domains 2 gene	0.43	5.70	0.0749
ENSMUSG00000030208	*Emp1*	Epithelial membrane protein 1 gene	0.58	7.65	0.0754
ENSMUSG00000032060	*Cryab*	Crystallin, alpha B gene	0.71	9.38	0.0756
ENSMUSG00000028542	*Slc6a9*	Solute carrier family 6 (neurotransmitter transporter, glycine), member 9 gene	0.72	9.29	0.0773
ENSMUSG00000029275	*Gfi1*	Growth factor independent 1 gene	0.44	5.63	0.0775
ENSMUSG00000024414	*Mrpl27*	Mitochondrial ribosomal protein L27 gene	1.21	15.61	0.0776
ENSMUSG00000022193	*Psmb5*	Proteasome (prosome, macropain) subunit, beta type 5 gene	0.93	11.96	0.0778
ENSMUSG00000031451	*Gas6*	Growth arrest specific 6 gene	0.52	6.56	0.0786
ENSMUSG00000074457	*S100a16*	S100 calcium binding protein A16 gene	0.86	10.93	0.0786
ENSMUSG00000024782	*Ak3*	Adenylate kinase 3 gene	0.58	7.32	0.0791
ENSMUSG00000038312	*Edem2*	ER degradation enhancer, mannosidase alpha-like 2 gene	4.66	58.81	0.0792
ENSMUSG00000043003	*Rasef*	RAS and EF hand domain containing gene	0.38	4.75	0.0792
ENSMUSG00000024646	*Cyb5*	Cytochrome b-5 gene	1.58	19.78	0.0796
ENSMUSG00000018770	*Atp5g3*	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 3 gene	23.79	297.99	0.0798
ENSMUSG00000032527	*Pccb*	Propionyl Coenzyme A carboxylase, beta polypeptide gene	1.26	15.76	0.0799
ENSMUSG00000016427	*Ndufa1*	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 gene	21.37	266.78	0.0801
ENSMUSG00000030934	*Oat*	Ornithine aminotransferase gene	0.69	8.64	0.0801
ENSMUSG00000003948	*Mmd*	Monocyte to macrophage differentiation-associated gene	0.98	12.17	0.0809
ENSMUSG00000040577	*Al672047.10*		AL672047.10	22.21	12.35
ENSMUSG00000038009	*Dnajc22*	Dnaj (Hsp40) homolog, subfamily C, member 22 gene	0.46	5.64	0.0812
ENSMUSG00000028945	*Rheb*	RAS-homologue enriched in brain gene	1.65	20.21	0.0816

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000022993	*4930415O20Rik*	RIKEN cdna 4930415O20 gene gene	0.51	6.27	0.0820
ENSMUSG00000003099	*Ppp5c*	Protein phosphatase 5, catalytic subunit gene	0.85	10.31	0.0821
ENSMUSG00000062352	*Itgb1bp1*	Integrin beta 1 binding protein 1 gene	1.10	13.28	0.0826
ENSMUSG00000060147	*Serpinb6a*	Serine (or cysteine) peptidase inhibitor, clade B, member 6a gene	1.24	14.97	0.0827
ENSMUSG00000031357	*Syap1*	Synapse associated protein 1 gene	1.47	17.72	0.0830
ENSMUSG00000018569	*Cldn7*	Claudin 7 gene	0.55	6.57	0.0832
ENSMUSG00000022551	*Cyc1*	Cytochrome c-1 gene	4.14	49.55	0.0835
ENSMUSG00000071180	*2810008M24Rik*	RIKEN cdna 2810008M24 gene gene	1.02	12.17	0.0835
ENSMUSG00000026209	*Dnpep*	Aspartyl aminopeptidase gene	0.79	9.37	0.0838
ENSMUSG00000049493	*Pls1*	Plastin 1 (I-isoform) gene	0.44	5.28	0.0841
ENSMUSG00000024387	*Csnk2b*	Casein kinase 2, beta polypeptide gene	1.23	14.58	0.0845
ENSMUSG00000057163	*Prss2*	Protease, serine, 2 gene	72.00	847.61	0.0850
ENSMUSG00000021477	*Ctsl*	Cathepsin L gene	2.93	34.50	0.0850
ENSMUSG00000060063	*Alox5ap*	Arachidonate 5-lipoxygenase activating protein gene	0.34	4.04	0.0850
ENSMUSG00000070473	*Cldn3*	Claudin 3 gene	0.66	7.75	0.0851
ENSMUSG00000025503	*Taldo1*	Transaldolase 1 gene	1.16	13.57	0.0853
ENSMUSG00000037071	*Scd1*	Stearoyl-Coenzyme A desaturase 1 gene	0.29	3.36	0.0853
ENSMUSG00000027447	*Cst3*	Cystatin C gene	19.09	223.48	0.0854
ENSMUSG00000021939	*Ctsb*	Cathepsin B gene	2.73	31.76	0.0859
ENSMUSG00000035765	*Dym*	Dymeclin gene	0.86	10.03	0.0861
ENSMUSG00000023175	*Bsg*	Basigin gene	4.61	53.48	0.0862
ENSMUSG00000026087	*Mrpl30*	Mitochondrial ribosomal protein L30 gene	9.74	112.88	0.0863
ENSMUSG00000041935	*AW549877*	UPF0600 protein c5orf51 homologue	1.68	19.46	0.0863
ENSMUSG00000025868	*Higd2a*	HIG1 domain family, member 2A gene	2.67	30.87	0.0866
ENSMUSG00000032485	*Scap*	SREBF chaperone gene	1.23	14.17	0.0870
ENSMUSG00000010095	*Slc3a2*	Solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 gene	8.11	93.20	0.0870
ENSMUSG00000029465	*Arpc3*	Actin related protein 2/3 complex, subunit 3 gene	2.07	23.73	0.0872
ENSMUSG00000029882	*2210010C04Rik*	RIKEN cdna 2210010C04 gene gene	49.56	567.64	0.0873
ENSMUSG00000018446	*C1qbp*	Complement component 1, q subcomponent binding protein gene	2.95	33.72	0.0873
ENSMUSG00000049521	*Cdc42ep1*	CDC42 effector protein (Rho gtpase binding) 1 gene	0.71	8.17	0.0873
ENSMUSG00000055723	*Rras2*	Related RAS viral (r-ras) oncogene homologue 2 gene	0.58	6.65	0.0873

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000020116	*Pno1*	Partner of NOB1 homologue (S. Cerevisiae) gene	0.68	7.71	0.0880
ENSMUSG00000030800	*Prss8*	Protease, serine, 8 (prostasin) gene	0.29	3.29	0.0884
ENSMUSG00000001627	*Ifrd1*	Interferon-related developmental regulator 1 gene	9.72	109.30	0.0890
ENSMUSG00000001665	*Gstt3*	Glutathione S-transferase, theta 3 gene	0.22	2.45	0.0890
ENSMUSG00000028161	*Ppp3ca*	Protein phosphatase 3, catalytic subunit, alpha isoform gene	0.86	9.65	0.0892
ENSMUSG00000028648	*Ndufs5*	NADH dehydrogenase (ubiquinone) Fe-S protein 5 gene	1.65	18.38	0.0897
ENSMUSG00000064215	*D12Ertd647e*	ISG12a proteinputative uncharacterized protein ;	2.34	26.11	0.0898
ENSMUSG00000031948	*Kars*	Lysyl-trna synthetase gene	0.78	8.67	0.0902
ENSMUSG00000062753	*AI413582*	Putative uncharacterized protein	0.34	3.78	0.0903
ENSMUSG00000021361	*Tmem14c*	Transmembrane protein 14C gene	0.43	4.79	0.0904
ENSMUSG00000034875	*Nudt19*	Nudix (nucleoside diphosphate linked moiety X)-type motif 19 gene	0.44	4.85	0.0906
ENSMUSG00000019843	*Fyn*	Fyn proto-oncogene gene	0.71	7.78	0.0907
ENSMUSG00000022751	*Nit2*	Nitrilase family, member 2 gene	0.43	4.72	0.0907
ENSMUSG00000018761	*Mpdu1*	Mannose-P-dolichol utilization defect 1 gene	0.62	6.83	0.0914
ENSMUSG00000025492	*Ifitm3*	Interferon induced transmembrane protein 3 gene	10.94	118.75	0.0921
ENSMUSG00000019158	*Tmem160*	Transmembrane protein 160 gene	1.61	17.48	0.0923
ENSMUSG00000028708	*Mknk1*	MAP kinase-interacting serine/threonine kinase 1 gene	1.35	14.59	0.0925
ENSMUSG00000037573	*Tob1*	Transducer of erbb-2.1 gene	0.73	7.89	0.0925
ENSMUSG00000017188	*Ccdc56*	Coiled-coil domain containing 56 gene	2.95	31.83	0.0927
ENSMUSG00000024479	*Mal2*	Mal, T-cell differentiation protein 2 gene	0.29	3.15	0.0927
ENSMUSG00000009092	*Derl3*	Der1-like domain family, member 3 gene	2.10	22.60	0.0929
ENSMUSG00000029815	*2410003K15Rik*	RIKEN cdna 2410003K15 gene gene	1.78	19.00	0.0935
ENSMUSG00000031957	*Ctrb1*	Chymotrypsinogen B1 gene	78.06	834.65	0.0935
ENSMUSG00000020263	*Appl2*	Adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2 gene	7.99	85.39	0.0935
ENSMUSG00000031505	*0710008K08Rik*	Carbohydrate kinase domain containing gene	2.60	27.76	0.0935
ENSMUSG00000033684	*Qsox1*	Quiescin Q6 sulfhydryl oxidase 1 gene	0.89	9.53	0.0936
ENSMUSG00000014402	*Tsg101*	Tumor susceptibility gene 101 gene	0.70	7.47	0.0936
ENSMUSG00000026090	*2010300C02Rik*	RIKEN cdna 2010300C02 gene gene	0.89	9.44	0.0940
ENSMUSG00000018189	*Uchl5*	Ubiquitin carboxyl-terminal esterase L5 gene	2.44	25.97	0.0942
ENSMUSG00000024908	*Saps3*	SAPS domain family, member 3 gene	0.43	4.61	0.0942
ENSMUSG00000001119	*Col6a1*	Collagen, type VI, alpha 1 gene	0.98	10.42	0.0944

Ensemble gene	Gene		Relative fluorescence		
	Symbol	Description	Islets	Pancreas	Ratio (islets:pancreas)
ENSMUSG00000038607	*Gng10*	Guanine nucleotide binding protein (G protein), gamma 10 gene	3.09	32.69	0.0947
ENSMUSG00000020029	*Nudt4*	Nudix (nucleoside diphosphate linked moiety X)-type motif 4 gene	0.54	5.67	0.0949
ENSMUSG00000020267	*Hint1*	Histidine triad nucleotide binding protein 1 gene	26.14	273.12	0.0957
ENSMUSG00000037095	*Lrg1*	Leucine-rich alpha-2-glycoprotein 1 gene	0.41	4.33	0.0958
ENSMUSG00000005779	*Psmb4*	Proteasome (prosome, macropain) subunit, beta type 4 gene	2.19	22.65	0.0967
ENSMUSG00000001025	*S100a6*	S100 calcium binding protein A6 (calcyclin) gene	0.68	6.99	0.0969
ENSMUSG00000063856	*Gpx1*	Glutathione peroxidase 1 gene	3.66	37.70	0.0970
ENSMUSG00000026421	*Csrp1*	Cysteine and glycine-rich protein 1 gene	0.88	9.01	0.0971
ENSMUSG00000030653	*Pde2a*	Phosphodiesterase 2A, cgmp-stimulated gene	0.85	8.72	0.0974
ENSMUSG00000066026	*Dhrs3*	Dehydrogenase/reductase (SDR family) member 3 gene	0.86	8.81	0.0978
ENSMUSG00000030762	*Aqp8*	Aquaporin 8 gene	0.56	5.67	0.0982
ENSMUSG00000000001	*Gnai3*	Guanine nucleotide binding protein (G protein), alpha inhibiting 3 gene	1.10	11.15	0.0984
ENSMUSG00000024225	*Clps*	Colipase, pancreatic gene	120.02	1208.83	0.0993
ENSMUSG00000005873	*Reep5*	Receptor accessory protein 5 gene	3.06	30.85	0.0993
ENSMUSG00000033020	*Polr2f*	Polymerase (RNA) II (DNA directed) polypeptide F gene	1.08	10.84	0.0997

The fluorescence intensities from islet and pancreas samples for each of the ~10,000 transcripts expressed were normalised to the median fluorescence intensity of the respective tissue sample (CHF, *n*=6) and used for calculation of the ratio of relative intensities (islets:pancreas) as a measure of islet-enrichment and depletion of transcripts from exocrine and ductal origin, respectively