

Top 200 gene upregulated in Alb-Cre; HIF1dPA livers relative to Alb-Cre control livers

Rank	Probe ID	Gene Name
1	1451385_at	RIKEN cDNA 2310056P07 gene
2	1439148_a_at	phosphofructokinase, liver, B-type
3	1450081_x_at	Glucose phosphate isomerase 1
4	1420997_a_at	Glucose phosphate isomerase 1
5	1433604_x_at	aldolase 1, A isoform
6	1450269_a_at	Phosphofructokinase, liver, B-type
7	1434814_x_at	glucose phosphate isomerase 1
8	1434799_x_at	aldolase 1, A isoform
9	1416921_x_at	Aldolase 1, A isoform
10	1419023_x_at	Enolase 1, alpha non-neuron
11	1427404_x_at	Enolase 1, alpha non-neuron
12	1439375_x_at	AV030922 Mus musculus cDNA clone 1500016F05
13	1416335_at	Macrophage migration inhibitory factor
14	1426554_a_at	phosphoglycerate mutase 1
15	1419022_a_at	Enolase 1, alpha non-neuron
16	1448272_at	B-cell translocation gene 2, anti-proliferative
17	1424399_at	Uridine-cytidine kinase 1
18	1421679_a_at	Cyclin-dependent kinase inhibitor 1A (P21)
19	1416250_at	B-cell translocation gene 2, anti-proliferative
20	1452094_at	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1
21	1416069_at	Phosphofructokinase, platelet
22	1424638_at	Cyclin-dependent kinase inhibitor 1A (P21)
23	1420678_a_at	Interleukin 17 receptor B
24	1452661_at	Transferrin receptor
25	1434773_a_at	solute carrier family 2 (facilitated glucose transporter), member 1
26	1424937_at	RIKEN cDNA 2310076L09 gene
27	1424943_at	cytochrome P450, family 4, subfamily a, polypeptide 10
28	1419029_at	Transcribed sequences
29	1417273_at	Pyruvate dehydrogenase kinase, isoenzyme 4
30	1423748_at	Pyruvate dehydrogenase kinase, isoenzyme 1
31	1418649_at	EGL nine homolog 3 (C. elegans)
32	1454159_a_at	Insulin-like growth factor binding protein 2
33	1415691_at	discs, large homolog 1 (Drosophila)
34	1418648_at	EGL nine homolog 3 (C. elegans)

35	1419149_at	Serine (or cysteine) proteinase inhibitor, clade E
36	1416488_at	Cyclin G2
37	1449818_at	ATP-binding cassette, sub-family B (MDR/TAP), member 4
38	1449442_at	Peroxisomal biogenesis factor 11a
39	1419365_at	Peroxisomal biogenesis factor 11a
40	1451461_a_at	aldolase 3, C isoform
41	1448382_at	Enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase
42	1427425_at	RIKEN cDNA D130005A03 gene
43	1423747_a_at	Pyruvate dehydrogenase kinase, isoenzyme 1
44	1436504_x_at	AV027367 Mus musculus cDNA clone 1300008D03
45	1453128_at	extra cellular link domain-containing 1
46	1417890_at	Pyridoxal (pyridoxine, vitamin B6) phosphatase
47	1429159_at	RIKEN full-length enriched library, clone 9130010F19
48	1418595_at	Plasma membrane associated protein, S3-12
49	1416962_at	Chromosome condensation 1
50	1439036_a_at	AV152334 Mus musculus cDNA clone 2900036A18
51	1424564_at	RIKEN cDNA 2410001C21 gene
52	1423257_at	cytochrome P450, family 4, subfamily a, polypeptide 14
53	1417761_at	Hypothetical LOC403343
54	1426452_a_at	RAB30, member RAS oncogene family
55	1417185_at	Lymphocyte antigen 6 complex, locus A
56	1423890_x_at	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide
57	1420693_at	Myomesin 1
58	1448162_at	BB250384 RIKEN Mus musculus cDNA clone A730041B10
59	1451336_at	lectin, galactose binding, soluble 4
60	1425099_a_at	Aryl hydrocarbon receptor nuclear translocator-like
61	1426857_a_at	RIKEN cDNA 2610207I16 gene
62	1417812_a_at	Laminin, beta 3
63	1453287_at	RIKEN cDNA 5730557B15 gene
64	1450395_at	Solute carrier family 22 (organic cation transporter), member 5
65	1427104_at	RIKEN cDNA B230354B21 gene
66	1425185_at	RIKEN cDNA 5830417C01 gene
67	1417434_at	Glycerol phosphate dehydrogenase 2, mitochondrial
68	1449065_at	Cytosolic acyl-CoA thioesterase 1
69	1439399_a_at	BB493265 RIKEN Mus musculus cDNA clone D530032D14
70	1448700_at	G0/G1 switch gene 2
71	1448318_at	Adipose differentiation related protein

72	1431980_a_at	Arsenic (+3 oxidation state) methyltransferase
73	1449816_at	Sulfotransferase family 5A, member 1
74	1422997_s_at	Mitochondrial acyl-CoA thioesterase 1
75	1424853_s_at	cytochrome P450, family 4, subfamily a, polypeptide 10
76	1419103_a_at	Abhydrolase domain containing 6
77	1429379_at	extra cellular link domain-containing 1
78	1419094_at	Cytochrome P450, family 2. subfamily c, polypeptide 37
79	1419144_at	CD163 antigen
80	1417982_at	insulin induced gene 2
81	1424716_at	BB775176 RIKEN Mus musculus cDNA clone G430023N11
82	1433733_a_at	cryptochrome 1 (photolyase-like)
83	1419520_at	Camello-like 4
84	1434087_at	5,10-methylenetetrahydrofolate reductase
85	1438118_x_at	AV147875 Mus musculus cDNA clone 2810468P17
86	1418925_at	Cadherin EGF LAG seven-pass G-type receptor 1
87	1418453_a_at	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide
88	1420447_at	Sulfotransferase family 1E, member 1
89	1421262_at	Lipase, endothelial
90	1426663_s_at	Prostate cancer associated protein 6
91	1426856_at	RIKEN cDNA 2610207I16 gene
92	1417266_at	Chemokine (C-C motif) ligand 6
93	1417981_at	insulin induced gene 2
94	1417008_at	Carnitine acetyltransferase
95	1423447_at	caseinolytic protease X (E.coli)
96	1450188_s_at	Lipase, endothelial
97	1434465_x_at	very low density lipoprotein receptor
98	1448194_a_at	
99	1428372_at	Suppression of tumorigenicity 5
100	1417980_a_at	insulin induced gene 2
101	1453836_a_at	Monoglyceride lipase
102	1451787_at	cytochrome P450, family 2, subfamily b, polypeptide 20
103	1427347_s_at	Tubulin, beta 2
104	1448383_at	Matrix metalloproteinase 14 (membrane-inserted)
105	1455869_at	602795823F1 NCI_CGAP_Mam4 Mus musculus cDNA clone IMAGE:4916932
106	1422257_s_at	Cytochrome P450, family 2, subfamily b, polypeptide 20
107	1431812_a_at	Solute carrier family 6 (neurotransmitter transporter, glycine)
108	1421848_at	Solute carrier family 22 (organic cation transporter), member 5

109	1429758_at	RIKEN cDNA 1700017B05 gene
110	1423062_at	insulin-like growth factor binding protein 3
111	1415996_at	thioredoxin interacting protein
112	1425645_s_at	cytochrome P450, family 2, subfamily b, polypeptide 20
113	1449890_at	RIKEN cDNA 0610033E06 gene
114	1419104_at	Abhydrolase domain containing 6
115	1430700_a_at	Phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
116	1427127_x_at	heat shock protein 1A
117	1448308_at	Adaptor-related protein complex 3, mu 1 subunit
118	1450747_at	kelch-like ECH-associated protein 1
119	1427473_at	Glutathione S-transferase, mu 3
120	1435495_at	myosin binding protein H
121	1452666_a_at	Transmembrane and coiled-coil domains 2
122	1455683_a_at	TBC1 domain family, member 8
123	1448591_at	Cathepsin S
124	1452318_a_at	heat shock protein 1A
125	1456319_at	H3034D11-3 NIA Mouse Mus musculus cDNA clone H3034D11
126	1417951_at	RIKEN cDNA 1700029K24 gene
127	1427126_at	heat shock protein 1A
128	1460336_at	peroxisome proliferative activated receptor, gamma, coactivator 1 alpha
129	1452214_at	SKI-like
130	1424359_at	5-oxoprolinase (ATP-hydrolysing)
131	1428294_at	Zinc finger protein 259
132	1418918_at	Insulin-like growth factor binding protein 1
133	1425793_a_at	RAR-related orphan receptor gamma
134	1437751_at	RIKEN cDNA A830037N07 gene
135	1452769_at	RIKEN cDNA 3732413I11 gene
136	1436186_at	RIKEN cDNA 4432406C08 gene
137	1454373_x_at	603300728F1 NCI_CGAP_Mam3 Mus musculus cDNA clone IMAGE:5341110
138	1434437_x_at	AV301324 RIKEN Mus musculus cDNA clone 5730492P22
139	1419088_at	tissue inhibitor of metalloproteinase 3
140	1422925_s_at	Peroxisomal acyl-CoA thioesterase 2A
141	1425646_at	CDNA sequence BC016495
142	1424836_a_at	CLIP associating protein 2
143	1452426_x_at	Mus musculus, clone IMAGE:3590633, mRNA, partial cds.
144	1452418_at	cDNA clone IMAGE:3972143
145	1417028_a_at	tripartite motif protein 2

146	1422916_at	Fibroblast growth factor 21
147	1431213_a_at	602394895F1 NIH_MGC_94 Mus musculus cDNA clone IMAGE:4506814
148	1420836_at	RIKEN cDNA 4933433D23 gene
149	1450971_at	Growth arrest and DNA-damage-inducible 45 beta
150	1415997_at	thioredoxin interacting protein
151	1450018_s_at	RIKEN cDNA 4933433D23 gene
152	1434897_a_at	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator)
153	1427660_x_at	immunoglobulin kappa chain variable 8 (V8)
154	1425763_x_at	immunoglobulin heavy chain (J558 family)
155	1417654_at	Syndecan 4
156	1425933_a_at	5'-nucleotidase, cytosolic II
157	1428468_at	RIKEN cDNA 3110043O21 gene
158	1427537_at	Epiplakin 1
159	1449773_s_at	a myeloid differentiation primary response
160	1427457_a_at	bone morphogenetic protein 1
161	1449007_at	B-cell translocation gene 3
162	1434340_at	RIKEN cDNA 1110020P15 gene
163	1422076_at	Mus musculus cDNA clone IMAGE:988198
164	1428306_at	DNA-damage-inducible transcript 4
165	1418288_at	Lipin 1
166	1425551_at	huntingtin interacting protein 1 related
167	1431182_at	Heat shock protein 8
168	1422077_at	Mus musculus cDNA clone IMAGE:988198
169	1437992_x_at	BB039269 RIKEN Mus musculus cDNA clone 6030441J06
170	1460259_s_at	Chloride channel calcium activated 2
171	1415989_at	BB250384 RIKEN Mus musculus cDNA clone A730041B10
172	1417017_at	Cytochrome P450, family 17, subfamily a, polypeptide 1
173	1417872_at	Four and a half LIM domains 1
174	1420835_at	RIKEN cDNA 4933433D23 gene
175	1448830_at	Dual specificity phosphatase 1
176	1416614_at	CREBBP/EP300 inhibitory protein 1
177	1424318_at	RIKEN cDNA 1110067D22 gene
178	1417852_x_at	Chloride channel calcium activated 1
179	1424942_a_at	Myelocytomatosis oncogene
180	1420603_s_at	Retinoic acid early transcript 1E
181	1425837_a_at	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)
182	1423413_at	N-myc downstream regulated 1

183	1428361_x_at	hemoglobin, beta adult major chain
184	1426382_at	Protein phosphatase 1B, magnesium dependent, beta isoform
185	1419197_x_at	Hepcidin antimicrobial peptide
186	1416411_at	Glutathione S-transferase, mu 2
187	1426906_at	Interferon activated gene 205
188	1423166_at	CD36 antigen
189	1456395_at	RIKEN cDNA A830037N07 gene
190	1452163_at	E26 avian leukemia oncogene 1, 5' domain
191	1418745_at	Osteomodulin
192	1419582_at	Cytochrome P450, family 2, subfamily c, polypeptide 55
193	1423397_at	UDP-glucuronosyltransferase 2 family, member 5
194	1425948_a_at	Solute carrier family 25, member 30
195	1419196_at	Hepcidin antimicrobial peptide
196	1425483_at	BB547854 RIKEN Mus musculus cDNA clone E130320N07
197	1416808_at	Nidogen 1
198	1419491_at	Defensin beta 1
199	1421092_at	Serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin)
200	1451743_at	DNA segment, Chr 19, Wayne State University 162

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Rank	Probe ID	Gene Name
1	1419149_at	Serine (or cysteine) proteinase inhibitor, clade E, member 1
2	1427473_at	Glutathione S-transferase, mu 3
3	1417761_at	Hypothetical LOC403343
4	1420678_a_at	Interleukin 17 receptor B
5	1425567_a_at	Annexin A5
6	1427474_s_at	Glutathione S-transferase, mu 3
7	1436504_x_at	AV027367 Mus musculus adult C57BL/6J liver Mus musculus cDNA clone 1300008D03
8	1427231_at	roundabout homolog 1 (Drosophila)
9	1426441_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
10	1423550_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
11	1423549_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
12	1417017_at	Cytochrome P450, family 17, subfamily a, polypeptide 1
13	1434089_at	synaptopodin
14	1416811_s_at	Cytotoxic T lymphocyte-associated protein 2 beta
15	1449254_at	Secreted phosphoprotein 1
16	1456616_a_at	AV035166 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600013O06
17	1418181_at	Protein tyrosine phosphatase 4a3
18	1448392_at	Secreted acidic cysteine rich glycoprotein
19	1433575_at	SRY-box containing gene 4
20	1452035_at	procollagen, type IV, alpha 1
21	1418649_at	EGL nine homolog 3 (C. elegans)
22	1434437_x_at	AV301324 RIKEN cDNA clone 5730492P22 ibonucleotide reductase M2 subunit mRNA.
23	1424638_at	Cyclin-dependent kinase inhibitor 1A (P21)
24	1452661_at	Transferrin receptor
25	1448272_at	B-cell translocation gene 2, anti-proliferative
26	1424051_at	Procollagen, type IV, alpha 2
27	1448471_a_at	Cytotoxic T lymphocyte-associated protein 2 beta
28	1421679_a_at	Cyclin-dependent kinase inhibitor 1A (P21)
29	1419423_at	Stabilin 2
30	1419300_at	FMS-like tyrosine kinase 1
31	1417500_a_at	Transglutaminase 2, C polypeptide
32	1456003_a_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
33	1425582_a_at	Endomucin
34	1439148_a_at	phosphofructokinase, liver, B-type

35	1416250_at	B-cell translocation gene 2, anti-proliferative
36	1460196_at	Similar to Carbonyl reductase [NADPH] 1 (NADPH-dependent carbonyl reductase 1)
37	1424375_s_at	GTPase, IMAP family member 4 (Gimap4)
38	1418648_at	EGL nine homolog 3 (C. elegans)
39	1448162_at	BB250384 RIKEN cDNA clone A730041B10 Mouse vascular cell adhesion molecule-1
40	1433604_x_at	aldolase 1, A isoform
41	1426348_at	procollagen, type IV, alpha 1
42	1417273_at	Pyruvate dehydrogenase kinase, isoenzyme 4
43	1425933_a_at	5'-nucleotidase, cytosolic II
44	1418946_at	ST3 beta-galactoside alpha-2,3-sialyltransferase 1
45	1424399_at	Uridine-cytidine kinase 1
46	1416498_at	Peptidylprolyl isomerase C
47	1453128_at	extra cellular link domain-containing 1
48	1418075_at	ST6 (alpha-N-acetyl-neuraminy1-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4
49	1434719_at	alpha-2-macroglobulin
50	1429379_at	extra cellular link domain-containing 1
51	1448605_at	Ras homolog gene family, member C
52	1437226_x_at	MARCKS-like protein
53	1416411_at	Glutathione S-transferase, mu 2
54	1451008_at	BB360510 RIKEN cDNA clone C030047J18 alpha2,8-sialyltransferase
55	1444052_at	FMS-like tyrosine kinase 4
56	1452666_a_at	Transmembrane and coiled-coil domains 2
57	1450269_a_at	Phosphofructokinase, liver, B-type
58	1423166_at	CD36 antigen
59	1418918_at	Insulin-like growth factor binding protein 1
60	1417821_at	DNA segment, Chr 17, human D6S56E 5
61	1448188_at	Uncoupling protein 2 (mitochondrial, proton carrier)
62	1434799_x_at	aldolase 1, A isoform
63	1449335_at	tissue inhibitor of metalloproteinase 3
64	1433428_x_at	transglutaminase 2, C polypeptide
65	1417982_at	insulin induced gene 2
66	1448383_at	Matrix metalloproteinase 14 (membrane-inserted)
67	1420965_a_at	ectodermal-neural cortex 1
68	1423140_at	lysosomal acid lipase 1
69	1423484_at	bicaudal C homolog 1 (Drosophila)
70	1416572_at	Matrix metalloproteinase 14 (membrane-inserted)
71	1449890_at	RIKEN cDNA 0610033E06 gene

72	1451475_at	plexin D1
73	1416921_x_at	Aldolase 1, A isoform
74	1416589_at	Secreted acidic cysteine rich glycoprotein
75	1450641_at	Vimentin
76	1419089_at	tissue inhibitor of metalloproteinase 3
77	1416268_at	E26 avian leukemia oncogene 2, 3' domain
78	1451428_x_at	EGF-like domain 7 (Egfl7), transcript variant c
79	1419247_at	Regulator of G-protein signaling 2
80	1438559_x_at	BB145101 RIKEN cDNA clone 9930028G13
81	1419573_a_at	Lectin, galactose binding, soluble 1
82	1455582_at	C1q and tumor necrosis factor related protein 1
83	1448416_at	Matrix gamma-carboxyglutamate (gla) protein
84	1428108_x_at	Transmembrane and coiled-coil domains 2
85	1455069_x_at	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
86	1438118_x_at	AV147875 Mus musculus C57BL/6J 10-11 day embryo Mus musculus cDNA clone 2810468P17
87	1449818_at	ATP-binding cassette, sub-family B (MDR/TAP), member 4
88	1455900_x_at	BB041811 RIKEN cDNA clone 6030458C10 transglutaminase (TGase)
89	1424485_at	Angiopoietin-like 3
90	1451110_at	EGL nine homolog 1 (C. elegans)
91	1415989_at	BB250384 RIKEN cDNA clone A730041B10 Mouse vascular cell adhesion molecule-1
92	1435394_s_at	ras homolog gene family, member C
93	1426910_at	PRKC, apoptosis, WT1, regulator
94	1415972_at	myristoylated alanine rich protein kinase C substrate
95	1451263_a_at	Fatty acid binding protein 4, adipocyte
96	1434034_at	ceramide kinase
97	1449106_at	Glutathione peroxidase 3
98	1433956_at	cadherin 5
99	1421267_a_at	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
100	1419589_at	complement component 1, q subcomponent, receptor 1
101	1416922_a_at	BCL2/adenovirus E1B 19kDa-interacting protein 3-like
102	1418187_at	Receptor (calcitonin) activity modifying protein 2
103	1424962_at	Transmembrane 4 superfamily member 4
104	1417023_a_at	Fatty acid binding protein 4, adipocyte
105	1448182_a_at	CD24a antigen
106	1437277_x_at	transglutaminase 2, C polypeptide
107	1460356_at	Endothelial cell-specific adhesion molecule
108	1434897_a_at	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4

109 1439375_x_at AV030922 Mus musculus adult C57BL/6J cerebellum Mus musculus cDNA clone 1500016F05
110 1415919_at Neural proliferation, differentiation and control gene 1
111 1450699_at Selenium binding protein 1
112 1460444_at arrestin, beta 1
113 1416923_a_at BCL2/adenovirus E1B 19kDa-interacting protein 3-like
114 1455587_at hypothetical protein MGC29254
115 1426832_at RIKEN cDNA 6330505F04 gene
116 1421027_a_at myocyte enhancer factor 2C
117 1455439_a_at lectin, galactose binding, soluble 1
118 1450199_a_at Stabilin 1
119 1424250_a_at Rho guanine nucleotide exchange factor (GEF) 3
120 1449110_at Ras homolog gene family, member B
121 1420911_a_at Milk fat globule-EGF factor 8 protein
122 1419248_at Regulator of G-protein signaling 2
123 1427866_x_at beta globin
124 1450884_at CD36 antigen
125 1448525_a_at BCL2/adenovirus E1B 19kDa-interacting protein 3-like
126 1437308_s_at AV024285 Mus musculus adult C57BL/6J lung Mus musculus cDNA clone 1200001P22
127 1452784_at integrin alpha V
128 1417894_at
129 1423141_at lysosomal acid lipase 1
130 1426004_a_at Transglutaminase 2, C polypeptide
131 1418554_at Adrenomedullin receptor
132 1456739_x_at BB392869 RIKEN cDNA clone C230080O14
133 1423584_at polymerase (RNA) II (DNA directed) polypeptide B
134 1450883_a_at CD36 antigen
135 1421814_at Moesin
136 1417327_at Caveolin 2
137 1416609_at CDNA sequence BC004004
138 1448226_at Ribonucleotide reductase M2
139 1419737_a_at Lactate dehydrogenase 1, A chain
140 1420653_at Transforming growth factor, beta 1
141 1417981_at insulin induced gene 2
142 1415906_at Thymosin, beta 4, X chromosome
143 1424937_at RIKEN cDNA 2310076L09 gene
144 1417308_at Pyruvate kinase, muscle
145 1417558_at Fyn proto-oncogene

146	1423257_at	cytochrome P450, family 4, subfamily a, polypeptide 14
147	1416041_at	Serum/glucocorticoid regulated kinase
148	1426514_at	RIKEN cDNA 4631426J05 gene
149	1452246_at	RIKEN cDNA 1110034N17 gene
150	1426951_at	cysteine-rich motor neuron 1
151	1417379_at	IQ motif containing GTPase activating protein 1
152	1450958_at	transmembrane 4 superfamily member 1
153	1449401_at	Complement component 1, q subcomponent, gamma polypeptide
154	1416808_at	Nidogen 1
155	1419872_at	c-fms proto-oncogene (MOUSE)
156	1448119_at	2,3-bisphosphoglycerate mutase
157	1455504_a_at	makorin, ring finger protein, 1
158	1452143_at	spectrin beta 2
159	1437724_x_at	BB206460 RIKEN cDNA clone A430075P20 membrane-associated phosphatidylinositol transfer protein (mpt1)
160	1452889_at	Similar to phospholysine phosphohistidine inorganic pyrophosphate phosphata (LOC384677), mRNA
161	1450852_s_at	coagulation factor II (thrombin) receptor
162	1452352_at	trophoblast specific protein beta
163	1417839_at	Claudin 5
164	1448213_at	RIKEN cDNA C430014K04 gene
165	1427391_a_at	cytochrome c oxidase, subunit VIIa 2
166	1416034_at	CD24a antigen
167	1423569_at	glycine amidinotransferase (L-arginine:glycine amidinotransferase)
168	1433883_at	RIKEN clone:C430002D13 product:TROPOMYOSIN 4 homolog
169	1451355_at	Cancer related gene-liver 1
170	1418826_at	Membrane-spanning 4-domains, subfamily A, member 6B
171	1449905_at	C-type lectin domain family 4, member f
172	1418892_at	Ras homolog gene family, member J
173	1448318_at	Adipose differentiation related protein
174	1417355_at	Paternally expressed 3
175	1426858_at	inhibin beta-B
176	1417980_a_at	insulin induced gene 2
177	1426799_at	RAB8B, member RAS oncogene family
178	1416953_at	Connective tissue growth factor
179	1417300_at	Sphingomyelin phosphodiesterase, acid-like 3B
180	1428361_x_at	RIKEN clone:2510049A20 product:hemoglobin, beta adult major chain
181	1438001_x_at	deleted in polyposis 1
182	1423986_a_at	scotin gene (Scotin)

183 1449059_a_at 3-oxoacid CoA transferase 1
184 1421009_at RIKEN cDNA 2510004L01 gene
185 1416985_at RIKEN cDNA 2900076A13 gene
186 1448737_at Transmembrane 4 superfamily member 2
187 1416779_at serum deprivation response
188 1449551_at Myosin IC
189 1419706_a_at A kinase (PRKA) anchor protein (gravin) 12
190 1415922_s_at MARCKS-like protein
191 1448184_at FK506 binding protein 1a
192 1423760_at CD44 antigen
193 1419398_a_at Deleted in polyposis 1
194 1449146_at Notch gene homolog 4 (Drosophila)
195 1419365_at Peroxisomal biogenesis factor 11a
196 1454971_x_at Transcribed sequences
197 1427442_a_at Amyloid beta (A4) precursor protein
198 1416238_at Tyrosine kinase receptor 1
199 1452078_a_at solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
200 1450872_s_at lysosomal acid lipase 1

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Rank	Probe ID	Gene Name
1	1417761_at	Hypothetical LOC403343
2	1436504_x_at	AV027367 Mus musculus adult C57BL/6J liver Mus musculus cDNA clone 1300008D03
3	1417017_at	Cytochrome P450, family 17, subfamily a, polypeptide 1
4	1415864_at	2,3-bisphosphoglycerate mutase
5	1417500_a_at	Transglutaminase 2, C polypeptide
6	1415865_s_at	2,3-bisphosphoglycerate mutase
7	1436853_a_at	Mus musculus cDNA clone IMAGE:443671 3' similar to gb:L08850 SYNUCLEIN (HUMAN)
8	1434437_x_at	RIKEN cDNA clone 5730492P22 ribonucleotide reductase M2 subunit mRNA
9	1448226_at	Ribonucleotide reductase M2
10	1427231_at	roundabout homolog 1 (Drosophila)
11	1449254_at	Secreted phosphoprotein 1
12	1421009_at	RIKEN cDNA 2510004L01 gene
13	1417300_at	Sphingomyelin phosphodiesterase, acid-like 3B
14	1436058_at	RIKEN cDNA 2510004L01 gene
15	1456616_a_at	AV035166 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600013O06
16	1418493_a_at	Synuclein, alpha
17	1455504_a_at	makorin, ring finger protein, 1
18	1416034_at	CD24a antigen
19	1450379_at	Moesin
20	1417750_a_at	Mitochondrial solute carrier protein
21	1448416_at	Matrix gamma-carboxyglutamate (gla) protein
22	1426441_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
23	1418649_at	EGL nine homolog 3 (C. elegans)
24	1424962_at	Transmembrane 4 superfamily member 4
25	1450883_a_at	CD36 antigen
26	1419569_a_at	Interferon-stimulated protein
27	1427474_s_at	Glutathione S-transferase, mu 3
28	1433604_x_at	aldolase 1, A isoform
29	1421008_at	RIKEN cDNA 2510004L01 gene
30	1423166_at	CD36 antigen
31	1423584_at	polymerase (RNA) II (DNA directed) polypeptide B
32	1426004_a_at	Transglutaminase 2, C polypeptide
33	1448605_at	Ras homolog gene family, member C
34	1419423_at	Stabilin 2

35	1433765_at	RIKEN cDNA B230113M03 gene
36	1448021_at	Transcribed sequences
37	1450699_at	Selenium binding protein 1
38	1448392_at	Secreted acidic cysteine rich glycoprotein
39	1449551_at	Myosin IC
40	1418435_at	makorin, ring finger protein, 1
41	1418075_at	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4
42	1419149_at	Serine (or cysteine) proteinase inhibitor, clade E, member 1
43	1450430_at	Mannose receptor, C type 1
44	1451975_at	RIKEN cDNA 2810453I06 gene (2810453I06Rik)
45	1433428_x_at	transglutaminase 2, C polypeptide
46	1421442_at	FMS-like tyrosine kinase 4
47	1450884_at	CD36 antigen
48	1423586_at	AXL receptor tyrosine kinase
49	1460196_at	Similar to Carbonyl reductase [NADPH] 1 (NADPH-dependent carbonyl reductase 1)
50	1451110_at	EGL nine homolog 1 (C. elegans)
51	1424638_at	Cyclin-dependent kinase inhibitor 1A (P21)
52	1437277_x_at	transglutaminase 2, C polypeptide
53	1415972_at	myristoylated alanine rich protein kinase C substrate
54	1434089_at	synaptopodin
55	1448525_a_at	BCL2/adenovirus E1B 19kDa-interacting protein 3-like
56	1416923_a_at	BCL2/adenovirus E1B 19kDa-interacting protein 3-like
57	1416268_at	E26 avian leukemia oncogene 2, 3' domain
58	1451428_x_at	EGF-like domain 7 (Egfl7), transcript variant c
59	1421198_at	Integrin alpha V
60	1452784_at	integrin alpha V
61	1415906_at	Thymosin, beta 4, X chromosome
62	1418648_at	EGL nine homolog 3 (C. elegans)
63	1427062_at	RIKEN cDNA 9930104E21 gene
64	1448119_at	2,3-bisphosphoglycerate mutase
65	1416921_x_at	Aldolase 1, A isoform
66	1427866_x_at	transcript down-regulated by Coxsackievirus B3 infection; Mus musculus beta globin
67	1425567_a_at	Annexin A5
68	1420909_at	Vascular endothelial growth factor A
69	1421287_a_at	Platelet/endothelial cell adhesion molecule 1
70	1419300_at	FMS-like tyrosine kinase 1
71	1427473_at	Glutathione S-transferase, mu 3

72	1416092_a_at	microtubule-associated protein 4
73	1455900_x_at	RIKEN cDNA clone 6030458C10 transglutaminase (TGase)
74	1439148_a_at	phosphofructokinase, liver, B-type
75	1417063_at	Complement component 1, q subcomponent, beta polypeptide
76	1454613_at	Transcribed sequence with strong similarity to proteinDPY3_HUMAN Dihydropyrimidinase related protein-3
77	1424186_at	RIKEN cDNA 2610001E17 gene
78	1416410_at	Platelet-activating factor acetylhydrolase, isoform 1b, alpha1 subunit
79	1451008_at	RIKEN cDNA clone C030047J18 alpha2,8-sialyltransferase
80	1417633_at	Superoxide dismutase 3, extracellular
81	1419872_at	c-fms proto-oncogene (MOUSE)
82	1416609_at	CDNA sequence BC004004
83	1418187_at	Receptor (calcitonin) activity modifying protein 2
84	1416120_at	Ribonucleotide reductase M2
85	1437226_x_at	MARCKS-like protein
86	1424051_at	Procollagen, type IV, alpha 2
87	1460285_at	Integrin alpha 9
88	1437502_x_at	RIKEN cDNA clone E530111O22 M.musculus mRNA for heat stable antigen
89	1417839_at	Claudin 5
90	1426239_s_at	Arrestin, beta 2
91	1427011_a_at	LanC (bacterial lantibiotic synthetase component C)-like 1
92	1426348_at	procollagen, type IV, alpha 1
93	1418918_at	Insulin-like growth factor binding protein 1
94	1448182_a_at	CD24a antigen
95	1427889_at	spectrin alpha 2
96	1448737_at	Transmembrane 4 superfamily member 2
97	1444052_at	FMS-like tyrosine kinase 4
98	1419279_at	Phosphatidylinositol-4-phosphate 5-kinase, type II, alpha
99	1420678_a_at	Interleukin 17 receptor B
100	1415919_at	Neural proliferation, differentiation and control gene 1
101	1415971_at	myristoylated alanine rich protein kinase C substrate
102	1448592_at	Cartilage associated protein
103	1448188_at	Uncoupling protein 2 (mitochondrial, proton carrier)
104	1421031_a_at	RIKEN cDNA 2310016C08 gene
105	1436921_at	ATPase, Cu ⁺⁺ transporting, alpha polypeptide
106	1422047_at	Cadherin 5
107	1456700_x_at	RIKEN cDNA clone 9430074M04
108	1416238_at	Tyrosine kinase receptor 1

109	1416985_at	RIKEN cDNA 2900076A13 gene
110	1452246_at	RIKEN cDNA 1110034N17 gene
111	1448942_at	Guanine nucleotide binding protein (G protein), gamma 11
112	1454268_a_at	Cytochrome b-245, alpha polypeptide
113	1415922_s_at	MARCKS-like protein
114	1418762_at	Decay accelerating factor 1
115	1419030_at	Transcribed sequences
116	1449401_at	Complement component 1, q subcomponent, gamma polypeptide
117	1450269_a_at	Phosphofructokinase, liver, B-type
118	1419649_s_at	Myosin IC
119	1423885_at	laminin, gamma 1
120	1449164_at	CD68 antigen
121	1455587_at	hypothetical protein MGC29254
122	1448364_at	Cyclin G2
123	1455582_at	C1q and tumor necrosis factor related protein 1
124	1425125_at	Oncoprotein induced transcript 3
125	1415973_at	myristoylated alanine rich protein kinase C substrate
126	1418554_at	Adrenomedullin receptor
127	1416779_at	serum deprivation response
128	1433490_s_at	erythrocyte protein band 4.1-like 2
129	1417311_at	Cysteine rich protein 2
130	1433956_at	cadherin 5
131	1420653_at	Transforming growth factor, beta 1
132	1450029_s_at	Integrin alpha 9
133	1448184_at	FK506 binding protein 1a
134	1417558_at	Fyn proto-oncogene
135	1452661_at	Transferrin receptor
136	1448839_at	DNA segment, Chr 17, ERATO Doi 288, expressed
137	1421814_at	Moesin
138	1438958_x_at	RIKEN cDNA clone 7120478O14FK506-binding protein
139	1417900_a_at	Very low density lipoprotein receptor
140	1433741_at	CD38 antigen
141	1449193_at	CD5 antigen-like
142	1419873_s_at	c-fms proto-oncogene (MOUSE)
143	1452352_at	trophoblast specific protein beta
144	1416498_at	Peptidylprolyl isomerase C
145	1451475_at	plexin D1

146	1460444_at	arrestin, beta 1
147	1419280_at	Phosphatidylinositol-4-phosphate 5-kinase, type II, alpha
148	1416488_at	Cyclin G2
149	1452432_at	tissue factor pathway inhibitor
150	1428361_x_at	RIKEN full-length enriched library, clone:2510049A20 product:hemoglobin, beta adult major chain
151	1449135_at	SRY-box containing gene 18
152	1417010_at	Zinc finger protein 238
153	1417821_at	DNA segment, Chr 17, human D6S56E 5
154	1426725_s_at	E26 avian leukemia oncogene 1, 5' domain
155	1417172_at	Ubiquitin-conjugating enzyme E2L 6
156	1425840_a_at	Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3 F
157	1452514_a_at	Kit oncogene
158	1437726_x_at	RIKEN cDNA clone 9530029K06 complement protein C1q B-chain
159	1418059_at	EGF, latrophilin seven transmembrane domain containing 1
160	1423785_at	EGL nine homolog 1 (C. elegans)
161	1452163_at	E26 avian leukemia oncogene 1, 5' domain
162	1419356_at	Kruppel-like factor 7 (ubiquitous)
163	1424130_a_at	Mus musculus mRNA similar to polymerase I and transcript release factor (cDNA clone MGC:13867 IMAGE:4206082)
164	1452035_at	procollagen, type IV, alpha 1
165	1449379_at	Kinase insert domain protein receptor
166	1426554_a_at	phosphoglycerate mutase 1
167	1451651_at	V-set and immunoglobulin domain containing 4
168	1456196_x_at	AV038603 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600030J05
169	1425582_a_at	Endomucin
170	1416922_a_at	BCL2/adenovirus E1B 19kDa-interacting protein 3-like
171	1419029_at	Transcribed sequences
172	1435477_s_at	Fc receptor, IgG, low affinity IIb
173	1422620_s_at	phosphatidic acid phosphatase 2a (Ppap2a)
174	1450650_at	myosin X
175	1434799_x_at	aldolase 1, A isoform
176	1416778_at	serum deprivation response
177	1451425_a_at	Makorin, ring finger protein, 1
178	1417271_a_at	Endoglin
179	1418058_at	EGF, latrophilin seven transmembrane domain containing 1
180	1448797_at	Mus musculus ELK3, member of ETS oncogene family (Elk3)
181	1418389_at	RIKEN cDNA 2810453I06 gene (2810453I06Rik)
182	1415997_at	thioredoxin interacting protein

183 1436665_a_at latent transforming growth factor beta binding protein 4
184 1427891_at immune associated nucleotide 6
185 1415989_at RIKEN cDNA clone A730041B10 Mouse vascular cell adhesion molecule-1 mRNA
186 1415918_a_at Triosephosphate isomerase 1
187 1422978_at Cytochrome b-245, beta polypeptide
188 1416589_at Secreted acidic cysteine rich glycoprotein
189 1425814_a_at Calcitonin receptor-like
190 1416203_at Aquaporin 1
191 1435394_s_at ras homolog gene family, member C
192 1425811_a_at cysteine and glycine-rich protein 1
193 1419648_at Myosin IC
194 1434366_x_at complement component 1, q subcomponent, beta polypeptide
195 1417634_at Superoxide dismutase 3, extracellular
196 1426025_s_at
197 1421225_a_at Solute carrier family 4 (anion exchanger), member 4
198 1423140_at lysosomal acid lipase 1
199 1424375_s_at Mus musculus GTPase, IMAP family member 4 (Gimap4), transcript variant 2
200 1423049_a_at Tropomyosin 1, alpha

Top 200 gene upregulated in Alb-Cre; VHL f/f livers relative to Alb-Cre control livers

Rank	Probe ID	Gene Name
1	1434719_at	alpha-2-macroglobulin
2	1419248_at	Regulator of G-protein signaling 2
3	1460351_at	S100 calcium binding protein A11 (calizzarin)
4	1426808_at	Lectin, galactose binding, soluble 3
5	1460330_at	annexin A3
6	1423484_at	bicaudal C homolog 1 (Drosophila)
7	1419091_a_at	Annexin A2
8	1437185_s_at	M.musculus mRNA for testis-specific thymosin beta-10
9	1421375_a_at	S100 calcium binding protein A6 (calcyclin)
10	1426004_a_at	Transglutaminase 2, C polypeptide
11	1437502_x_at	BB560574 RIKEN cDNA clone E530111O22heat stable antigen
12	1427473_at	Glutathione S-transferase, mu 3
13	1417219_s_at	Thymosin, beta 10
14	1423760_at	CD44 antigen
15	1416034_at	CD24a antigen
16	1416808_at	Nidogen 1
17	1460259_s_at	Chloride channel calcium activated 2
18	1419149_at	Serine (or cysteine) proteinase inhibitor, clade E, member 1
19	1417308_at	Pyruvate kinase, muscle
20	1448182_a_at	CD24a antigen
21	1452217_at	RIKEN cDNA 2310047C17 gene
22	1455069_x_at	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
23	1450138_a_at	Receptor (TNFRSF)-interacting serine-threonine kinase 1
24	1417500_a_at	Transglutaminase 2, C polypeptide
25	1420760_s_at	N-myc downstream regulated gene 1
26	1416326_at	Cysteine-rich protein 1 (intestinal)
27	1416811_s_at	Cytotoxic T lymphocyte-associated protein 2 beta
28	1448469_at	Nidogen 1
29	1437308_s_at	AV024285 Mus musculus adult C57BL/6J lung Mus musculus cDNA clone 1200001P22
30	1425567_a_at	Annexin A5
31	1448213_at	RIKEN cDNA C430014K04 gene
32	1426858_at	inhibin beta-B
33	1448392_at	Secreted acidic cysteine rich glycoprotein
34	1417380_at	IQ motif containing GTPase activating protein 1

35 1418649_at EGL nine homolog 3 (C. elegans)
36 1427474_s_at Glutathione S-transferase, mu 3
37 1424051_at Procollagen, type IV, alpha 2
38 1424562_a_at solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
39 1426529_a_at transgelin 2
40 1449968_s_at Acyl-Coenzyme A thioesterase 3, mitochondrial
41 1416077_at Adrenomedullin
42 1456739_x_at BB392869 RIKEN cDNA clone C230080O14
43 1418648_at EGL nine homolog 3 (C. elegans)
44 1418572_x_at Tumor necrosis factor receptor superfamily, member 12a
45 1450852_s_at coagulation factor II (thrombin) receptor
46 1452436_at Lysyl oxidase-like 2
47 1449360_at Colony stimulating factor 2 receptor, beta 2, low-affinity (granulocyte-macrophage)
48 1420911_a_at Milk fat globule-EGF factor 8 protein
49 1416498_at Peptidylprolyl isomerase C
50 1434897_a_at solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
51 1429379_at extra cellular link domain-containing 1
52 1448393_at Claudin 7
53 1420647_a_at Keratin complex 2, basic, gene 8
54 1419123_a_at Platelet-derived growth factor, C polypeptide
55 1423594_a_at endothelin receptor type B
56 1416072_at CD34 antigen
57 1423691_x_at
58 1450976_at N-myc downstream regulated 1
59 1418073_at Acyl-Coenzyme A thioesterase 2, mitochondrial
60 1448162_at BB250384 RIKENcDNA clone A730041B10Mouse vascular cell adhesion molecule-1 mRNA
61 1448605_at Ras homolog gene family, member C
62 1416431_at Tubulin, beta 6
63 1427231_at roundabout homolog 1 (Drosophila)
64 1427167_at expressed sequence AI448196
65 1416686_at Procollagen lysine, 2-oxoglutarate 5-dioxygenase 2
66 1416221_at follistatin-like 1
67 1423413_at N-myc downstream regulated 1
68 1418571_at Tumor necrosis factor receptor superfamily, member 12a
69 1417379_at IQ motif containing GTPase activating protein 1
70 1424351_at WAP four-disulfide core domain 2
71 1416589_at Secreted acidic cysteine rich glycoprotein

72	1435394_s_at	ras homolog gene family, member C
73	1449059_a_at	3-oxoacid CoA transferase 1
74	1448323_a_at	Biglycan
75	1453128_at	extra cellular link domain-containing 1
76	1416066_at	CD9 antigen
77	1416165_at	RIKEN cDNA 1700093E07 gene
78	1438559_x_at	BB145101 RIKENcDNA clone 9930028G13
79	1434089_at	synaptopodin
80	1435989_x_at	keratin complex 2, basic, gene 8
81	1423062_at	insulin-like growth factor binding protein 3
82	1430634_a_at	BB076574 RIKENcDNA clone 9330125N24 mRNA for ATP:D-fructose 6-phosphate 1-phosphotransferase
83	1415972_at	myristoylated alanine rich protein kinase C substrate
84	1436853_a_at	SYNUCLEIN (HUMAN)
85	1426278_at	Interferon, alpha-inducible protein 27
86	1423584_at	polymerase (RNA) II (DNA directed) polypeptide B
87	1423586_at	AXL receptor tyrosine kinase
88	1416572_at	Matrix metalloproteinase 14 (membrane-inserted)
89	1436921_at	ATPase, Cu ⁺⁺ transporting, alpha polypeptide
90	1448169_at	Keratin complex 1, acidic, gene 18
91	1448383_at	Matrix metalloproteinase 14 (membrane-inserted)
92	1417852_x_at	Chloride channel calcium activated 1
93	1431057_a_at	RIKEN cDNA 2310046G15 gene
94	1454268_a_at	Cytochrome b-245, alpha polypeptide
95	1415698_at	Golgi phosphoprotein 2
96	1415871_at	Transforming growth factor, beta induced
97	1450883_a_at	CD36 antigen
98	1451335_at	Placenta-specific 8
99	1455871_s_at	AV139821 Mus musculus C57BL/6J 10-11 day embryo Mus musculus cDNA clone 2810054L14
100	1421326_at	Colony stimulating factor 2 receptor, beta 1, low-affinity (granulocyte-macrophage)
101	1451475_at	plexin D1
102	1415938_at	Serine protease inhibitor, Kazal type 3
103	1434998_at	IQ motif containing GTPase activating protein 1
104	1424187_at	RIKEN cDNA 2610001E17 gene
105	1423166_at	CD36 antigen
106	1449551_at	Myosin IC
107	1439407_x_at	AV212626 RIKEN cDNA clone 2410115N06transgelin mRNA
108	1415989_at	BB250384 RIKEN cDNA clone A730041B10 Mouse vascular cell adhesion molecule-1 mRNA

109 1419589_at complement component 1, q subcomponent, receptor 1
110 1437503_a_at BB533076 RIKEN cDNA clone E030028E01
111 1448123_s_at Transforming growth factor, beta induced
112 1421814_at Moesin
113 1416514_a_at Fascin homolog 1, actin bundling protein (Strongylocentrotus) purpuratus)
114 1417777_at Leukotriene B4 12-hydroxydehydrogenase
115 1454613_at Transcribed sequence with strong similarity to DPY3_HUMAN Dihydropyrimidinase related protein-3
116 1422437_at procollagen, type V, alpha 2
117 1415961_at Integral membrane protein 2C
118 1455439_a_at lectin, galactose binding, soluble 1
119 1423606_at periostin, osteoblast specific factor
120 1420820_at RIKEN cDNA 2900073G15 gene
121 1448883_at Legumain
122 1416405_at Biglycan
123 1425811_a_at cysteine and glycine-rich protein 1
124 1456226_x_at discoidin domain receptor family, member 1
125 1416226_at PDGFA associated protein 1
126 1450716_at A disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 1
127 1415906_at Thymosin, beta 4, X chromosome
128 1433883_at TROPOMYOSIN 4 homolog [Homo sapiens]
129 1433428_x_at transglutaminase 2, C polypeptide
130 1448259_at follistatin-like 1
131 1419872_at c-fms proto-oncogene (MOUSE)
132 1437226_x_at MARCKS-like protein
133 1419247_at Regulator of G-protein signaling 2
134 1448591_at Cathepsin S
135 1424962_at Transmembrane 4 superfamily member 4
136 1426951_at cysteine-rich motor neuron 1
137 1449195_s_at Chemokine (C-X-C motif) ligand 16
138 1454086_a_at LIM domain only 2
139 1429177_x_at SRY-box containing gene 17
140 1423721_at Tropomyosin 1, alpha
141 1422567_at Niban protein
142 1451127_at Expressed sequence AW146242
143 1426784_at tripartite motif protein 47
144 1437724_x_at BB206460 RIKEN cDNA clone A430075P20 membrane-associated phosphatidylinositol transfer protein (mpt1)
145 1436905_x_at lysosomal-associated protein transmembrane 5

146 1456250_x_at BB533460 RIKEN cDNA clone E030030E06 (beta ig-h3) mRNA
147 1415779_s_at actin, gamma, cytoplasmic (Actg)
148 1437889_x_at biglycan
149 1450641_at Vimentin
150 1421027_a_at myocyte enhancer factor 2C
151 1419573_a_at Lectin, galactose binding, soluble 1
152 1423049_a_at Tropomyosin 1, alpha
153 1452035_at procollagen, type IV, alpha 1
154 1417447_at Transcription factor 21
155 1419873_s_at c-fms proto-oncogene (MOUSE)
156 1448061_at macrophage scavenger receptor 1
157 1416687_at Procollagen lysine, 2-oxoglutarate 5-dioxygenase 2
158 1415864_at 2,3-bisphosphoglycerate mutase
159 1436970_a_at Mouse pre-PDGF receptor mRNA (MOUSE)
160 1416985_at RIKEN cDNA 2900076A13 gene
161 1417381_at Complement component 1, q subcomponent, alpha polypeptide
162 1448592_at Cartilage associated protein
163 1449335_at tissue inhibitor of metalloproteinase 3
164 1427347_s_at Tubulin, beta 2
165 1429159_at Adult male cecum cDNA, RIKEN clone:9130010F19 product:unknown EST, full insert sequence
166 1428850_x_at RIKEN cDNA 2410026K10 gene
167 1416256_a_at Tubulin, beta 5
168 1416268_at E26 avian leukemia oncogene 2, 3' domain
169 1436902_x_at M.musculus mRNA for testis-specific thymosin beta-10
170 1415922_s_at MARCKS-like protein
171 1419280_at Phosphatidylinositol-4-phosphate 5-kinase, type II, alpha
172 1427483_at RIKEN cDNA 2610016M12 gene
173 1426441_at solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
174 1420653_at Transforming growth factor, beta 1
175 1430514_a_at RIKEN cDNA 2410026K10 gene
176 1424130_a_at Mus musculus mRNA similar to polymerase I and transcript release factor (cDNA clone MGC:13867 IMAGE:4206082)
177 1426799_at RAB8B, member RAS oncogene family
178 1424375_s_at GTPase, IMAP family member 4 (Gimap4), transcript variant 2
179 1428319_at PDZ and LIM domain 7
180 1427318_s_at fer-1-like 3, myoferlin (C. elegans)
181 1452352_at trophoblast specific protein beta
182 1454959_s_at guanine nucleotide binding protein, alpha inhibiting 1

183	1451860_a_at	Tripartite motif protein 30
184	1425582_a_at	Endomucin
185	1423550_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
186	1415971_at	myristoylated alanine rich protein kinase C substrate
187	1424254_at	Interferon induced transmembrane protein 1
188	1450850_at	villin 2
189	1437277_x_at	transglutaminase 2, C polypeptide
190	1424186_at	RIKEN cDNA 2610001E17 gene
191	1416092_a_at	microtubule-associated protein 4
192	1423549_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
193	1427183_at	Epidermal growth factor-containing fibulin-like extracellular matrix protein 1
194	1418665_at	Inositol (myo)-1(or 4)-monophosphatase 2
195	1460406_at	expressed sequence AI427122
196	1416579_a_at	Tumor-associated calcium signal transducer 1
197	1448797_at	ELK3, member of ETS oncogene family (Elk3), transcript variant 2,
198	1416656_at	Chloride intracellular channel 1
199	1450678_at	Integrin beta 2
200	1433956_at	cadherin 5

Top 200 gene differentially expressed in Alb-Cre; HIF1dPA livers versus Alb-Cre; HIF2dPA livers

note: 1-200 = top 200 genes overexpressed in Alb-Cre:HIF1dPA relative to Alb-Cre:HIF2dPA

note: 200-400 = top 200 genes overexpressed in Alb-Cre:HIF2dPA relative to Alb-Cre:HIF1dPA

Rank	Probe ID	Gene Name
HIF1 1	1419197_x_at	Hepcidin antimicrobial peptide
HIF1 2	1419196_at	Hepcidin antimicrobial peptide
HIF1 3	1454159_a_at	Insulin-like growth factor binding protein 2
HIF1 4	1455490_at	AV027632 Mus musculus adult C57BL/6J liver Mus musculus cDNA clone 1300012G02, mRNA sequence.
HIF1 5	1451385_at	RIKEN cDNA 2310056P07 gene
HIF1 6	1450060_at	Polymeric immunoglobulin receptor
HIF1 7	1420525_a_at	Ornithine transcarbamylase
HIF1 8	1417559_at	sideroflexin 1
HIF1 9	1449486_at	Carboxylesterase 1
HIF1 10	1419023_x_at	Enolase 1, alpha non-neuron
HIF1 11	1427404_x_at	Enolase 1, alpha non-neuron
HIF1 12	1417560_at	sideroflexin 1
HIF1 13	1449816_at	Sulfotransferase family 5A, member 1
HIF1 14	1425778_at	RIKEN cDNA C230043N17 gene
HIF1 15	1418940_at	Sulfotransferase family 1B, member 1
HIF1 16	1438711_at	pyruvate kinase liver and red blood cell
HIF1 17	1425344_at	RIKEN cDNA 4430402O11 gene
HIF1 18	1448309_at	Adaptor-related protein complex 3, mu 1 subunit
HIF1 19	1448350_at	Argininosuccinate lyase
HIF1 20	1416480_a_at	Hypoxia induced gene 1
HIF1 21	1436615_a_at	ornithine transcarbamylase
HIF1 22	1450725_s_at	Carbonic anhydrase 14
HIF1 23	1448792_a_at	Cytochrome P450, family 2, subfamily f, polypeptide 2
HIF1 24	1423748_at	Pyruvate dehydrogenase kinase, isoenzyme 1
HIF1 25	1416374_at	Adaptor-related protein complex 3, mu 1 subunit
HIF1 26	1418645_at	Histidine ammonia lyase
HIF1 27	1419687_at	RIKEN cDNA D930010J01 gene
HIF1 28	1449038_at	Hydroxysteroid 11-beta dehydrogenase 1
HIF1 29	1449385_at	Hydroxysteroid (17-beta) dehydrogenase 9
HIF1 30	1436308_at	zinc finger protein 292
HIF1 31	1448927_at	Potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2
HIF1 32	1424273_at	Cytochrome P450, family 2, subfamily c, polypeptide 70

HIF1	33	1427214_at	agmatine ureohydrolase (agmatinase)
HIF1	34	1418833_at	Alanine-glyoxylate aminotransferase
HIF1	35	1424744_at	Serine dehydratase
HIF1	36	1449462_at	RIKEN cDNA 3110049J23 gene
HIF1	37	1423747_a_at	Pyruvate dehydrogenase kinase, isoenzyme 1
HIF1	38	1427425_at	RIKEN cDNA D130005A03 gene
HIF1	39	1418490_at	Serine dehydratase-like
HIF1	40	1425596_at	Expressed sequence AI317395
HIF1	41	1418301_at	interferon regulatory factor 6 (Irf6)
HIF1	42	1421212_at	ATP-binding cassette, sub-family C (CFTR/MRP), member 6
HIF1	43	1451678_at	RIKEN cDNA 4430402O11 gene
HIF1	44	1422648_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2
HIF1	45	1421258_a_at	Pyruvate kinase liver and red blood cell
HIF1	46	1448539_a_at	Aspartoacylase (aminoacylase) 3
HIF1	47	1426008_a_at	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 2
HIF1	48	1419510_at	Esterase 22
HIF1	49	1423078_a_at	Sterol-C4-methyl oxidase-like
HIF1	50	1451122_at	isopentenyl-diphosphate delta isomerase (Idi1)
HIF1	51	1427370_at	RIKEN cDNA 1300019J08 gene
HIF1	52	1417531_at	602109616F1 NCI_CGAP_Kid14 Mus musculus cDNA clone IMAGE:4238067 5', mRNA sequence.
HIF1	53	1451501_a_at	Growth hormone receptor
HIF1	54	1422558_at	Guanidinoacetate methyltransferase
HIF1	55	1450133_at	RIKEN cDNA 2010321J07 gene
HIF1	56	1436643_x_at	RIKEN cDNA 1810073K19 gene
HIF1	57	1422479_at	Acetyl-Coenzyme A synthetase 2 (ADP forming)
HIF1	58	1421259_at	Pyruvate kinase liver and red blood cell
HIF1	59	1419477_at	C-type lectin domain family 2, member d
HIF1	60	1449374_at	Pipecolic acid oxidase
HIF1	61	1448619_at	7-dehydrocholesterol reductase
HIF1	62	1425392_a_at	Nuclear receptor subfamily 1, group I, member 3
HIF1	63	1419002_s_at	Bile acid-Coenzyme A: amino acid N-acyltransferase
HIF1	64	1456169_at	Similar to KAT protein (LOC226654), mRNA
HIF1	65	1454712_at	RIKEN cDNA D130005A03 gene
HIF1	66	1417890_at	Pyridoxal (pyridoxine, vitamin B6) phosphatase
HIF1	67	1416049_at	Glycine decarboxylase
HIF1	68	1448308_at	Adaptor-related protein complex 3, mu 1 subunit
HIF1	69	1418923_at	Solute carrier family 17 (sodium phosphate), member 3

HIF1	70	1417070_at	Kallikrein B, plasma 1
HIF1	71	1453287_at	RIKEN cDNA 5730557B15
HIF1	72	1425034_at	Solute carrier family 17 (sodium phosphate), member 2
HIF1	73	1419094_at	Cytochrome P450, family 2. subfamily c, polypeptide 37
HIF1	74	1427137_at	Carboxylesterase 5
HIF1	75	1430388_a_at	sulfatase 2
HIF1	76	1433855_at	Transcribed sequence with strong similarity to protein ref:NP_065580.1 (M.musculus) hypothetical protein, I54
HIF1	77	1421821_at	Low density lipoprotein receptor
HIF1	78	1425365_a_at	Cytochrome P450, family 2, subfamily d, polypeptide 13
HIF1	79	1423437_at	glutathione S-transferase, alpha 3
HIF1	80	1423804_a_at	isopentenyl-diphosphate delta isomerase (Idi1)
HIF1	81	1425117_at	RIKEN cDNA 0610012D14 gene
HIF1	82	1419747_at	Asialoglycoprotein receptor 2
HIF1	83	1432282_a_at	RIKEN cDNA 2010305C02 gene
HIF1	84	1425559_a_at	SA rat hypertension-associated homolog
HIF1	85	1418979_at	RIKEN cDNA 9030611N15 gene
HIF1	86	1422100_at	Cytochrome P450, family 7, subfamily a, polypeptide 1
HIF1	87	1451460_a_at	Solute carrier family 22 (organic anion transporter), member 7
HIF1	88	1438743_at	cytochrome P450, family 7, subfamily a, polypeptide 1
HIF1	89	1425107_a_at	Leukemia inhibitory factor receptor
HIF1	90	1424493_s_at	Expressed sequence AI746432
HIF1	91	1431803_at	Cytochrome P450, family 2, subfamily d, polypeptide 13
HIF1	92	1424171_a_at	Hydroxyacyl glutathione hydrolase
HIF1	93	1438183_x_at	AV253518 RIKENcDNA clone 4921501E04 sorbitol dehydrogenase, mRNA sequence.
HIF1	94	1451681_at	Cis-retinol/3alpha hydroxysterol short-chain dehydrogenase-like
HIF1	95	1424266_s_at	Expressed sequence AU018778
HIF1	96	1428294_at	Zinc finger protein 259
HIF1	97	1416258_at	Thymidine kinase 1
HIF1	98	1416481_s_at	Hypoxia induced gene 1
HIF1	99	1423693_at	Elastase 1, pancreatic
HIF1	100	1450970_at	glutamate oxaloacetate transaminase 1, soluble
HIF1	101	1422826_at	Insulin-like growth factor binding protein, acid labile subunit
HIF1	102	1452583_s_at	galactose mutarotase
HIF1	103	1417707_at	RIKEN cDNA B230342M21 gene
HIF1	104	1449001_at	isovaleryl coenzyme A dehydrogenase
HIF1	105	1429159_at	RIKEN clone:9130010F19 product:unknown EST, full insert sequence
HIF1	106	1450646_at	Cytochrome P450, family 51

HIF1	107	1417071_s_at	Kallikrein B, plasma 1
HIF1	108	1419525_at	Carbonic anhydrase 5a, mitochondrial
HIF1	109	1448426_at	sarcosine dehydrogenase
HIF1	110	1449321_x_at	Serine (or cysteine) proteinase inhibitor, clade A, member 1a
HIF1	111	1449062_at	Ketohexokinase
HIF1	112	1419618_at	Butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase)
HIF1	113	1420603_s_at	Retinoic acid early transcript 1E
HIF1	114	1418472_at	Aspartoacylase (aminoacylase) 2
HIF1	115	1416775_at	RIKEN cDNA 2310004L02 gene
HIF1	116	1420062_at	uu08g02.x1 cDNA clone IMAGE:3371378 ENV POLYPROTEIN PRECURSOR
HIF1	117	1434906_at	RIKEN cDNA 0610005C13 gene
HIF1	118	1417532_at	602109616F1 NCI_CGAP_Kid14 Mus musculus cDNA clone IMAGE:4238067 5', mRNA sequence.
HIF1	119	1451457_at	Sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (<i>S. cerevisiae</i>)
HIF1	120	1451373_at	Expressed sequence AI746432
HIF1	121	1425326_at	ATP citrate lyase
HIF1	122	1422478_a_at	Acetyl-Coenzyme A synthetase 2 (ADP forming)
HIF1	123	1451548_at	Uridine phosphorylase 2
HIF1	124	1451771_at	Two pore channel 1
HIF1	125	1451239_a_at	Solute carrier family 26 (sulfate transporter), member 1
HIF1	126	1418858_at	Aldehyde oxidase 3
HIF1	127	1419520_at	Camello-like 4
HIF1	128	1418536_at	histocompatibility 2, Q region locus 7
HIF1	129	1449434_at	Carbonic anhydrase 3
HIF1	130	1455457_at	Similar to cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 19, clone IMAGE:4194050, mRNA
HIF1	131	1422833_at	Forkhead box A2
HIF1	132	1449309_at	Cytochrome P450, family 8, subfamily b, polypeptide 1
HIF1	133	1418395_at	RIKEN cDNA 1300013J15 gene
HIF1	134	1424969_s_at	Uridine phosphorylase 2
HIF1	135	1427369_at	BB071996 RIKENcDNA clone 9030002O03 3', mRNA sequence.
HIF1	136	1448546_at	Ras association (RalGDS/AF-6) domain family 3
HIF1	137	1419559_at	Cytochrome P450, family 4, subfamily f, polypeptide 14
HIF1	138	1423371_at	polymerase (DNA-directed), epsilon 4 (p12 subunit)
HIF1	139	1421092_at	Serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12
HIF1	140	1439459_x_at	BB276877 RIKEN cDNA clone A830099I22 ATP citrate-lyase mRNA, mRNA sequence.
HIF1	141	1460256_at	Carbonic anhydrase 3
HIF1	142	1425241_a_at	WD repeat and SOCS box-containing 1
HIF1	143	1422537_a_at	Inhibitor of DNA binding 2

HIF1	144	1422735_at	Forkhead box Q1
HIF1	145	1449046_a_at	RIKEN cDNA 1110007C05 gene
HIF1	146	1438980_x_at	BB027848 RIKEN cDNA clone 5330439E18
HIF1	147	1424245_at	Carboxylesterase 2
HIF1	148	1424692_at	RIKEN cDNA 2810055F11 gene
HIF1	149	1423418_at	farnesyl diphosphate synthetase
HIF1	150	1425823_at	Complement component factor h
HIF1	151	1417946_at	Abhydrolase domain containing 3
HIF1	152	1427482_a_at	Carbonic anhydrase 8
HIF1	153	1451461_a_at	aldolase 3, C isoform
HIF1	154	1450715_at	Cytochrome P450, family 1, subfamily a, polypeptide 2
HIF1	155	1426223_at	RIKEN cDNA 2810439F02 gene
HIF1	156	1417185_at	Lymphocyte antigen 6 complex, locus A
HIF1	157	1424367_a_at	homer homolog 2 (Drosophila)
HIF1	158	1423867_at	602024493F1 NCI_CGAP_Li9 Mus musculus cDNA clone IMAGE:4159966 5', mRNA sequence.
HIF1	159	1452353_at	G protein-coupled receptor 155
HIF1	160	1426037_a_at	Regulator of G-protein signaling 16
HIF1	161	1460232_s_at	Hydroxysteroid dehydrogenase-6, delta<5>-3-beta
HIF1	162	1422198_a_at	Serine hydroxymethyl transferase 1 (soluble)
HIF1	163	1451488_at	RIKEN cDNA 1110028A07 gene
HIF1	164	1449047_at	RIKEN cDNA 1600020H07 gene
HIF1	165	1451600_s_at	Esterase 31-like
HIF1	166	1418446_at	solute carrier family 16 (monocarboxylic acid transporters), member 2
HIF1	167	1447919_x_at	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1
HIF1	168	1419074_at	RIKEN cDNA 2510006C20 gene
HIF1	169	1418804_at	Succinate receptor 1
HIF1	170	1419436_at	Complement component factor h-like 1
HIF1	171	1432099_a_at	Proline dehydrogenase (oxidase) 2
HIF1	172	1449585_at	interleukin 1 receptor accessory protein (Il1rap), transcript variant 2
HIF1	173	1448136_at	Ectonucleotide pyrophosphatase/phosphodiesterase 2
HIF1	174	1448741_at	Solute carrier family 3, member 1
HIF1	175	1421987_at	3'-phosphoadenosine 5'-phosphosulfate synthase 2
HIF1	176	1434272_at	cytoplasmic polyadenylation element binding protein 2
HIF1	177	1451716_at	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)
HIF1	178	1451260_at	Aldehyde dehydrogenase 1 family, member B1
HIF1	179	1427631_x_at	major urinary protein 3
HIF1	180	1424815_at	Glycogen synthase 2

HIF1	181	1421075_s_at	Cytochrome P450, family 7, subfamily b, polypeptide 1
HIF1	182	1455696_a_at	PRP4 pre-mRNA processing factor 4 homolog B (yeast)
HIF1	183	1427302_at	ectonucleotide pyrophosphatase/phosphodiesterase 3
HIF1	184	1421989_s_at	3'-phosphoadenosine 5'-phosphosulfate synthase 2
HIF1	185	1435176_a_at	inhibitor of DNA binding 2
HIF1	186	1450112_a_at	Growth arrest specific 2
HIF1	187	1429144_at	RIKEN cDNA 2310032D16 gene
HIF1	188	1418356_at	Mercaptopyruvate sulfurtransferase
HIF1	189	1455265_a_at	BB100249 RIKEN cDNA clone 9430072A08 etinally abundant regulator of G-protein signaling mRGS-r (RGS-r)
HIF1	190	1451670_at	RIKEN cDNA 1810048P08 gene
HIF1	191	1428022_at	Lipocalin 13
HIF1	192	1421074_at	Cytochrome P450, family 7, subfamily b, polypeptide 1
HIF1	193	1451452_a_at	Regulator of G-protein signaling 16
HIF1	194	1427052_at	acetyl-Coenzyme A carboxylase beta
HIF1	195	1428502_at	ARP6 actin-related protein 6 homolog (yeast)
HIF1	196	1425837_a_at	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)
HIF1	197	1417991_at	Deiodinase, iodothyronine, type I
HIF1	198	1418265_s_at	Interferon regulatory factor 2
HIF1	199	1416833_at	Kidney expressed gene 1
HIF1	200	1418654_at	Hydroxyacid oxidase (glycolate oxidase) 3
HIF2	201	1419149_at	Serine (or cysteine) proteinase inhibitor, clade E, member 1
HIF2	202	1427473_at	Glutathione S-transferase, mu 3
HIF2	203	1426441_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
HIF2	204	1423549_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
HIF2	205	1427231_at	roundabout homolog 1 (<i>Drosophila</i>)
HIF2	206	1425567_a_at	Annexin A5
HIF2	207	1427474_s_at	Glutathione S-transferase, mu 3
HIF2	208	1424051_at	Procollagen, type IV, alpha 2
HIF2	209	1448392_at	Secreted acidic cysteine rich glycoprotein
HIF2	210	1423550_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4
HIF2	211	1417761_at	Hypothetical LOC403343
HIF2	212	1420678_a_at	Interleukin 17 receptor B
HIF2	213	1417714_x_at	Hemoglobin alpha, adult chain 1
HIF2	214	1417500_a_at	Transglutaminase 2, C polypeptide
HIF2	215	1449254_at	Secreted phosphoprotein 1
HIF2	216	1416589_at	Secreted acidic cysteine rich glycoprotein
HIF2	217	1418946_at	ST3 beta-galactoside alpha-2,3-sialyltransferase 1

HIF2 218 1427866_x_at transcript down-regulated by Coxsackievirus B3 infection; Mus musculus beta globin mRNA, partial cds.
HIF2 219 1433428_x_at transglutaminase 2, C polypeptide
HIF2 220 1427391_a_at cytochrome c oxidase, subunit VIIa 2
HIF2 221 1416498_at Peptidylprolyl isomerase C
HIF2 222 1455900_x_at BB041811 RIKEN cDNA clone 6030458C10 transglutaminase (TGase) mRNA
HIF2 223 1452035_at procollagen, type IV, alpha 1
HIF2 224 1427167_at expressed sequence AI448196
HIF2 225 1451008_at BB360510 RIKEN cDNA clone C030047J18 alpha2,8-sialyltransferase
HIF2 226 1424133_at RIKEN cDNA 6530411B15 gene
HIF2 227 1425458_a_at Growth factor receptor bound protein 10
HIF2 228 1423484_at bicaudal C homolog 1 (Drosophila)
HIF2 229 1434719_at alpha-2-macroglobulin
HIF2 230 1456616_a_at AV035166 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600013O06, mRNA sequence.
HIF2 231 1418181_at Protein tyrosine phosphatase 4a3
HIF2 232 1416411_at Glutathione S-transferase, mu 2
HIF2 233 1417399_at Growth arrest specific 6
HIF2 234 1426348_at procollagen, type IV, alpha 1
HIF2 235 1452078_a_at solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2
HIF2 236 1436504_x_at AV027367 Mus musculus adult C57BL/6J liver Mus musculus cDNA clone 1300008D03, mRNA sequence.
HIF2 237 1437277_x_at transglutaminase 2, C polypeptide
HIF2 238 1416811_s_at Cytotoxic T lymphocyte-associated protein 2 beta
HIF2 239 1451263_a_at Fatty acid binding protein 4, adipocyte
HIF2 240 1448471_a_at Cytotoxic T lymphocyte-associated protein 2 beta
HIF2 241 1417821_at DNA segment, Chr 17, human D6S56E 5
HIF2 242 1455439_a_at lectin, galactose binding, soluble 1
HIF2 243 1419247_at Regulator of G-protein signaling 2
HIF2 244 1434089_at synaptopodin
HIF2 245 1437226_x_at MARCKS-like protein
HIF2 246 1418649_at EGL nine homolog 3 (C. elegans)
HIF2 247 1454971_x_at Transcribed sequences
HIF2 248 1423166_at CD36 antigen
HIF2 249 1417023_a_at Fatty acid binding protein 4, adipocyte
HIF2 250 1428850_x_at RIKEN cDNA 2410026K10 gene
HIF2 251 1455504_a_at makorin, ring finger protein, 1
HIF2 252 1425742_a_at RIKEN cDNA D430022A14 gene
HIF2 253 1415919_at Neural proliferation, differentiation and control gene 1
HIF2 254 1423141_at lysosomal acid lipase 1

HIF2	255	1448416_at	Matrix gamma-carboxyglutamate (gla) protein
HIF2	256	1419248_at	Regulator of G-protein signaling 2
HIF2	257	1448119_at	2,3-bisphosphoglycerate mutase
HIF2	258	1421267_a_at	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
HIF2	259	1424962_at	Transmembrane 4 superfamily member 4
HIF2	260	1419589_at	complement component 1, q subcomponent, receptor 1
HIF2	261	1426004_a_at	Transglutaminase 2, C polypeptide
HIF2	262	1416609_at	CDNA sequence BC004004
HIF2	263	1435394_s_at	ras homolog gene family, member C
HIF2	264	1416041_at	Serum/glucocorticoid regulated kinase
HIF2	265	1453128_at	extra cellular link domain-containing 1
HIF2	266	1418435_at	makorin, ring finger protein, 1
HIF2	267	1448605_at	Ras homolog gene family, member C
HIF2	268	1452889_at	Similar to phospholysine phosphohistidine inorganic pyrophosphate phosphata (LOC384677), mRNA
HIF2	269	1423140_at	lysosomal acid lipase 1
HIF2	270	1448182_a_at	CD24a antigen
HIF2	271	1424375_s_at	GTPase, IMAP family member 4 (Gimap4), transcript variant 2,
HIF2	272	1416808_at	Nidogen 1
HIF2	273	1456700_x_at	BB100920 RIKEN cDNA clone 9430074M04
HIF2	274	1419300_at	FMS-like tyrosine kinase 1
HIF2	275	1450958_at	transmembrane 4 superfamily member 1
HIF2	276	1415973_at	myristoylated alanine rich protein kinase C substrate
HIF2	277	1420965_a_at	ectodermal-neural cortex 1
HIF2	278	1423986_a_at	scotin gene (Scotin)
HIF2	279	1416034_at	CD24a antigen
HIF2	280	1416066_at	CD9 antigen
HIF2	281	1419573_a_at	Lectin, galactose binding, soluble 1
HIF2	282	1450883_a_at	CD36 antigen
HIF2	283	1450342_at	Bone morphogenetic protein 8b
HIF2	284	1428361_x_at	RIKEN clone:2510049A20 product:hemoglobin, beta adult major chain
HIF2	285	1422437_at	procollagen, type V, alpha 2
HIF2	286	1423465_at	stromal cell derived factor receptor 2
HIF2	287	1452661_at	Transferrin receptor
HIF2	288	1417308_at	Pyruvate kinase, muscle
HIF2	289	1452757_s_at	RIKEN clone:2510049A20 product:hemoglobin, beta adult major chain
HIF2	290	1417184_s_at	Hemoglobin Z, beta-like embryonic chain
HIF2	291	1415922_s_at	MARCKS-like protein

HIF2	292	1420653_at	Transforming growth factor, beta 1
HIF2	293	1417379_at	IQ motif containing GTPase activating protein 1
HIF2	294	1417300_at	Sphingomyelin phosphodiesterase, acid-like 3B
HIF2	295	1448021_at	Transcribed sequences
HIF2	296	1420911_a_at	Milk fat globule-EGF factor 8 protein
HIF2	297	1421009_at	RIKEN cDNA 2510004L01 gene
HIF2	298	1415865_s_at	2,3-bisphosphoglycerate mutase
HIF2	299	1452784_at	integrin alpha V
HIF2	300	1452445_at	RIKEN cDNA A230035L05 gene
HIF2	301	1429379_at	extra cellular link domain-containing 1
HIF2	302	1424485_at	Angiopoietin-like 3
HIF2	303	1451428_x_at	EGF-like domain 7 (Egfl7), transcript variant c
HIF2	304	1436902_x_at	M.musculus mRNA for testis-specific thymosin beta-10
HIF2	305	1424131_at	procollagen, type VI, alpha 3
HIF2	306	1419569_a_at	Interferon-stimulated protein
HIF2	307	1428942_at	metallothionein 2
HIF2	308	1423321_at	myeloid-associated differentiation marker
HIF2	309	1436058_at	RIKEN cDNA 2510004L01 gene
HIF2	310	1454758_a_at	transforming growth factor beta 1 induced transcript 4
HIF2	311	1418084_at	RIKEN cDNA D030005H02 gene
HIF2	312	1421814_at	Moesin
HIF2	313	1434437_x_at	AV301324 RIKEN cDNA clone 5730492P22 ibonucleotide reductase M2 subunit mRNA
HIF2	314	1418648_at	EGL nine homolog 3 (C. elegans)
HIF2	315	1415971_at	myristoylated alanine rich protein kinase C substrate
HIF2	316	1450699_at	Selenium binding protein 1
HIF2	317	1436905_x_at	lysosomal-associated protein transmembrane 5
HIF2	318	1415864_at	2,3-bisphosphoglycerate mutase
HIF2	319	1450061_at	ectodermal-neural cortex 1
HIF2	320	1427442_a_at	Amyloid beta (A4) precursor protein
HIF2	321	1415906_at	Thymosin, beta 4, X chromosome
HIF2	322	1449193_at	CD5 antigen-like
HIF2	323	1456388_at	ATPase, class VI, type 11A
HIF2	324	1448188_at	Uncoupling protein 2 (mitochondrial, proton carrier)
HIF2	325	1425811_a_at	cysteine and glycine-rich protein 1
HIF2	326	1448383_at	Matrix metalloproteinase 14 (membrane-inserted)
HIF2	327	1434897_a_at	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
HIF2	328	1426951_at	cysteine-rich motor neuron 1

HIF2	329	1453556_x_at	RIKEN cDNA 2410026K10 gene
HIF2	330	1452207_at	
HIF2	331	1418493_a_at	Synuclein, alpha
HIF2	332	1415972_at	myristoylated alanine rich protein kinase C substrate
HIF2	333	1433765_at	RIKEN cDNA B230113M03 gene
HIF2	334	1449890_at	RIKEN cDNA 0610033E06 gene
HIF2	335	1450852_s_at	coagulation factor II (thrombin) receptor
HIF2	336	1425933_a_at	5'-nucleotidase, cytosolic II
HIF2	337	1417355_at	Paternally expressed 3
HIF2	338	1448892_at	Dedicator of cytokinesis 7
HIF2	339	1416268_at	E26 avian leukemia oncogene 2, 3' domain
HIF2	340	1419059_at	Serum amyloid P-component
HIF2	341	1433956_at	cadherin 5
HIF2	342	1417750_a_at	mitochondrial solute carrier protein (Mscp)
HIF2	343	1448469_at	Nidogen 1
HIF2	344	1424186_at	RIKEN cDNA 2610001E17 gene
HIF2	345	1448162_at	BB250384 RIKENcDNA clone A730041B10 Mouse vascular cell adhesion molecule-1 mRNA
HIF2	346	1460196_at	Similar to Carbonyl reductase [NADPH] 1 (NADPH-dependent carbonyl reductase 1)
HIF2	347	1423630_at	cytoglobin
HIF2	348	1451475_at	plexin D1
HIF2	349	1418918_at	Insulin-like growth factor binding protein 1
HIF2	350	1437185_s_at	M.musculus mRNA for testis-specific thymosin beta-10
HIF2	351	1451335_at	Placenta-specific 8
HIF2	352	1428097_at	RIKEN cDNA 2510009E07 gene
HIF2	353	1437308_s_at	AV024285 Mus musculus adult C57BL/6J lung Mus musculus cDNA clone 1200001P22, mRNA sequence.
HIF2	354	1416464_at	Solute carrier family 4 (anion exchanger), member 1
HIF2	355	1450138_a_at	Receptor (TNFRSF)-interacting serine-threonine kinase 1
HIF2	356	1436853_a_at	mh26h04.x1 SYNUCLEIN (HUMAN)
HIF2	357	1423584_at	polymerase (RNA) II (DNA directed) polypeptide B
HIF2	358	1437726_x_at	BB111335 RIKEN cDNA clone 9530029K06 complement protein C1q B-chain
HIF2	359	1438377_x_at	BB497312 RIKEN cDNA clone D630008E06 (NADC3) mRNA
HIF2	360	1418949_at	Growth differentiation factor 15
HIF2	361	1448797_at	ELK3, member of ETS oncogene family (Elk3), transcript variant 2
HIF2	362	1427883_a_at	procollagen, type III, alpha 1
HIF2	363	1423586_at	AXL receptor tyrosine kinase
HIF2	364	1452163_at	E26 avian leukemia oncogene 1, 5' domain
HIF2	365	1421008_at	RIKEN cDNA 2510004L01 gene

HIF2	366	1417380_at	IQ motif containing GTPase activating protein 1
HIF2	367	1416895_at	Ephrin A1
HIF2	368	1417017_at	Cytochrome P450, family 17, subfamily a, polypeptide 1
HIF2	369	1449106_at	Glutathione peroxidase 3
HIF2	370	1421425_a_at	Down syndrome critical region gene 1-like 1
HIF2	371	1433924_at	paternally expressed 3
HIF2	372	1417376_a_at	Immunoglobulin superfamily, member 4A
HIF2	373	1451975_at	RIKEN cDNA 2810453I06 gene
HIF2	374	1424040_at	CDNA sequence BC019977
HIF2	375	1419872_at	c-fms proto-oncogene (MOUSE);, mRNA sequence.
HIF2	376	1434148_at	transcription factor 4
HIF2	377	1449401_at	Complement component 1, q subcomponent, gamma polypeptide
HIF2	378	1426858_at	inhibin beta-B
HIF2	379	1430514_a_at	RIKEN cDNA 2410026K10 gene
HIF2	380	1436921_at	ATPase, Cu ⁺⁺ transporting, alpha polypeptide
HIF2	381	1452666_a_at	Transmembrane and coiled-coil domains 2
HIF2	382	1448944_at	RIKEN cDNA D030005H02 gene
HIF2	383	1454268_a_at	Cytochrome b-245, alpha polypeptide
HIF2	384	1417822_at	DNA segment, Chr 17, human D6S56E 5
HIF2	385	1437502_x_at	BB560574 RIKEN cDNA clone E530111O22 mRNA for heat stable antigen, mRNA sequence.
HIF2	386	1433899_x_at	transforming growth factor beta 1 induced transcript 4
HIF2	387	1418571_at	Tumor necrosis factor receptor superfamily, member 12a
HIF2	388	1448883_at	Legumain
HIF2	389	1456028_x_at	myristoylated alanine rich protein kinase C substrate
HIF2	390	1419394_s_at	S100 calcium binding protein A8 (calgranulin A)
HIF2	391	1448529_at	Thrombomodulin
HIF2	392	1423062_at	insulin-like growth factor binding protein 3
HIF2	393	1427889_at	spectrin alpha 2
HIF2	394	1418572_x_at	Tumor necrosis factor receptor superfamily, member 12a
HIF2	395	1427747_a_at	Lipocalin 2
HIF2	396	1424599_at	Fibrinogen-like protein 1
HIF2	397	1416779_at	serum deprivation response
HIF2	398	1417219_s_at	Thymosin, beta 10
HIF2	399	1449905_at	C-type lectin domain family 4, member f
HIF2	400	1416572_at	Matrix metalloproteinase 14 (membrane-inserted)