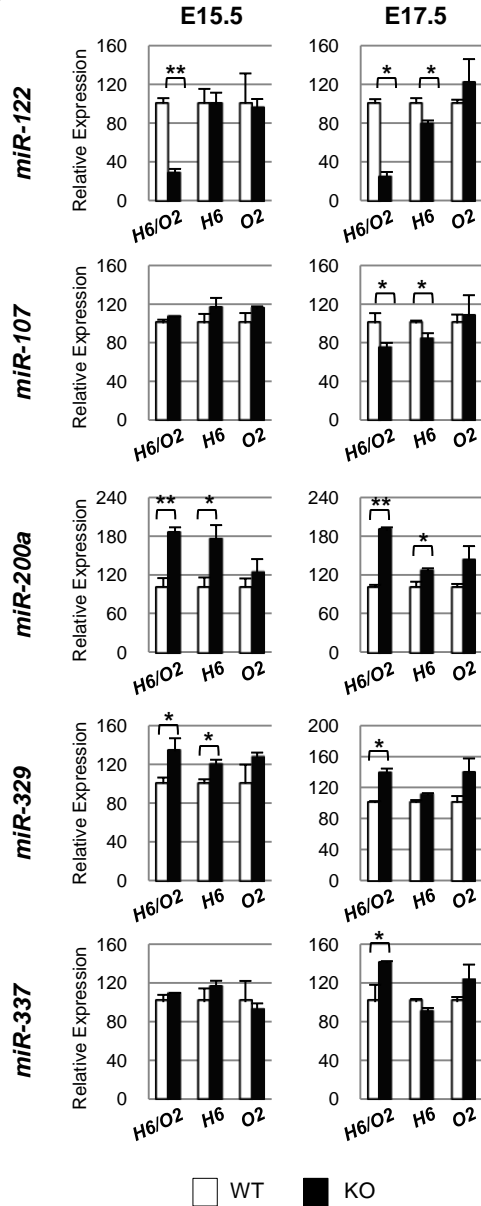


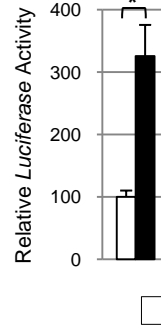
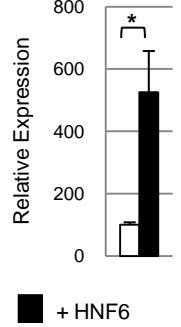
A

microRNA	H6O2 dKO/WT (Fold change)	p-values
mmu-miR-122a	0.15	9.4E-05
mmu-miR-200a	1.88	6.7E-04
hsa-miR-491-3p	0.88	1.2E-03
mmu-miR-292-5p	1.30	3.0E-03
mmu-miR-744	1.26	3.4E-03
hsa-miR-193a-5p	1.17	4.2E-03
mmu-miR-689	1.28	8.6E-03
mmu-miR-18	1.09	1.3E-02
mmu-miR-107	0.91	1.6E-02
mmu-miR-341	1.26	2.1E-02
mmu-miR-710	0.92	2.2E-02
mmu-miR-329	1.17	2.4E-02
mmu-miR-337	1.12	3.4E-02
hsa-miR-200b*	0.92	3.5E-02
mmu-miR-143	1.32	3.8E-02

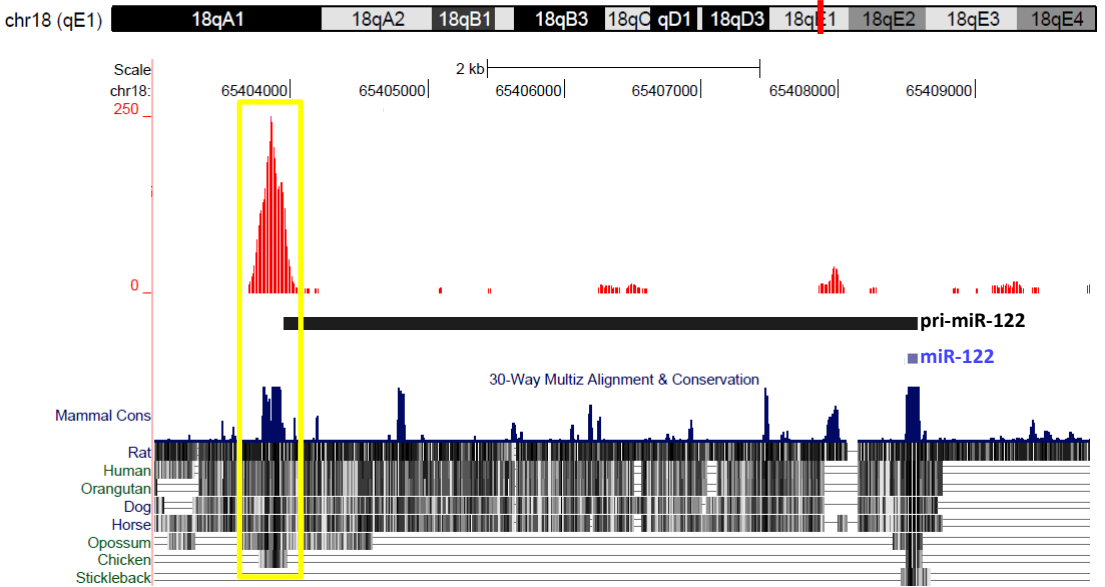
B

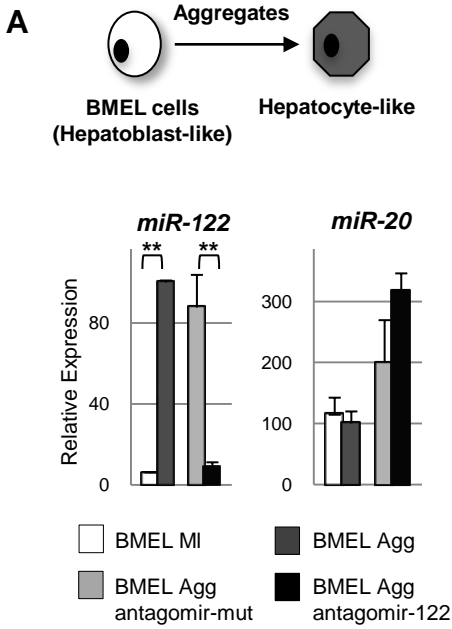


A

B *miR-122 promoter*  
(-300 to +327)-LucC *Endogenous miR-122*

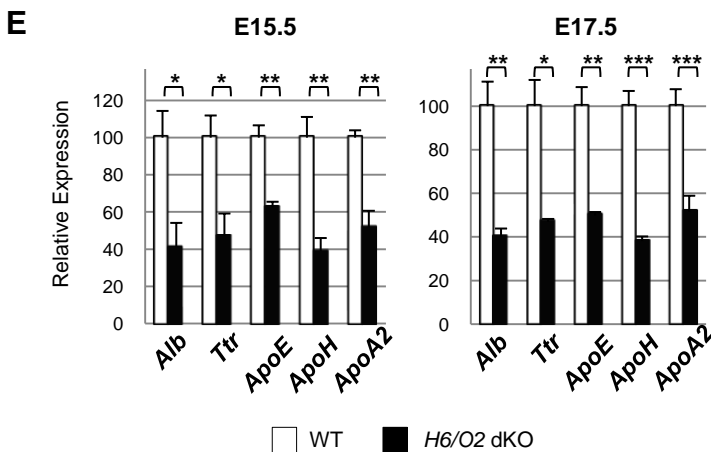
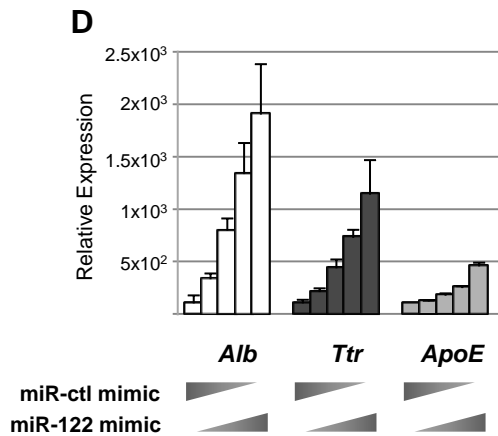
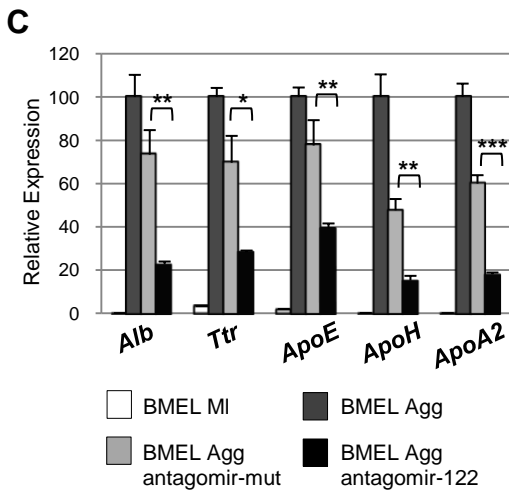
D

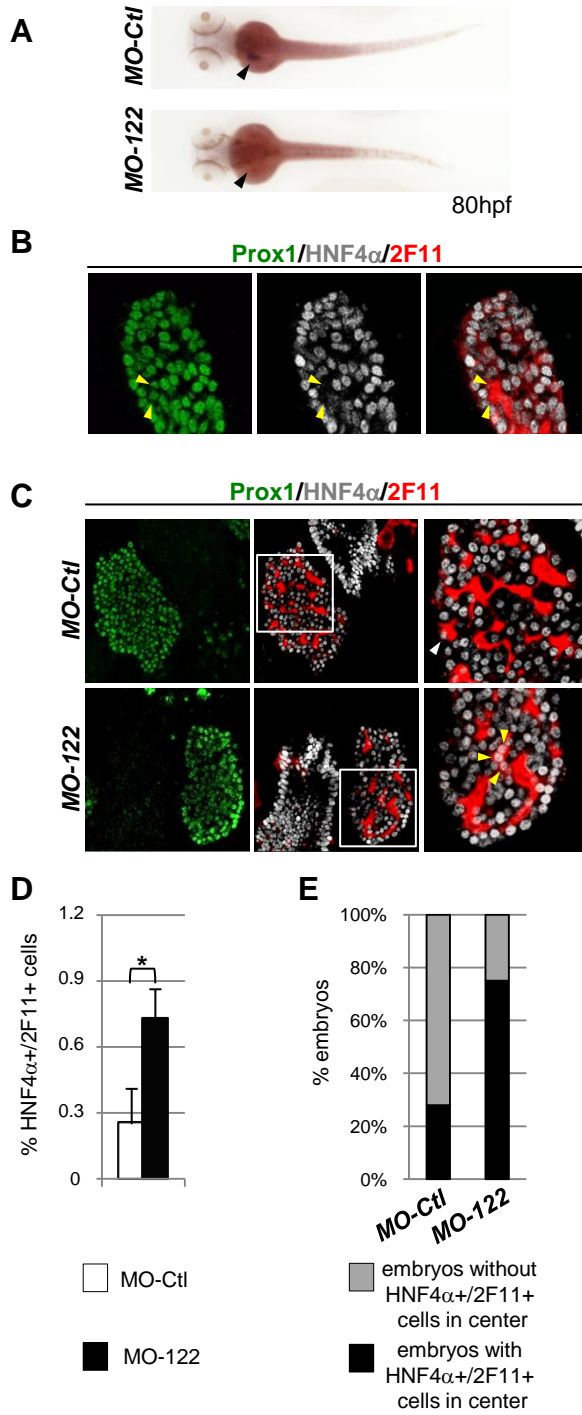


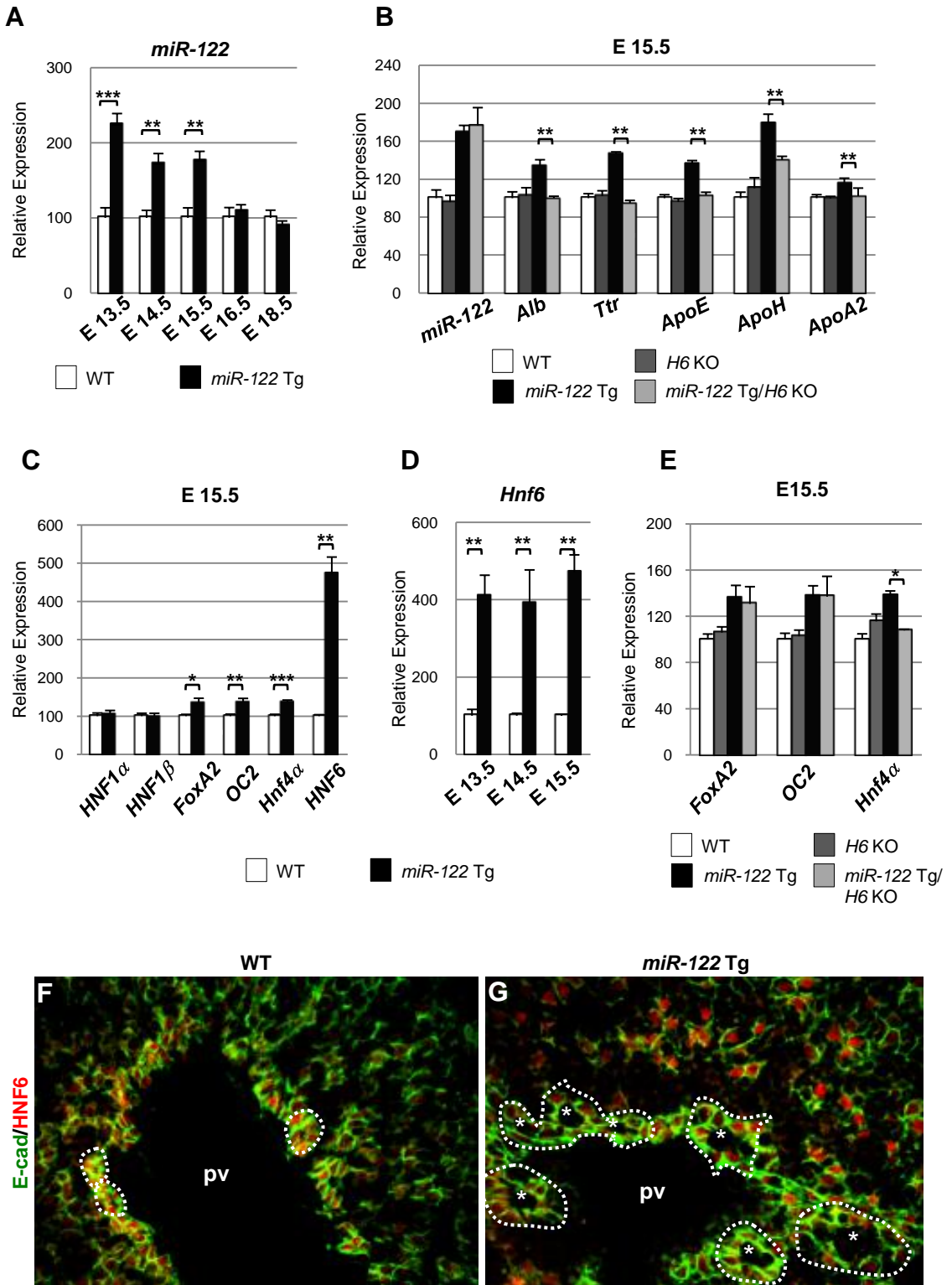


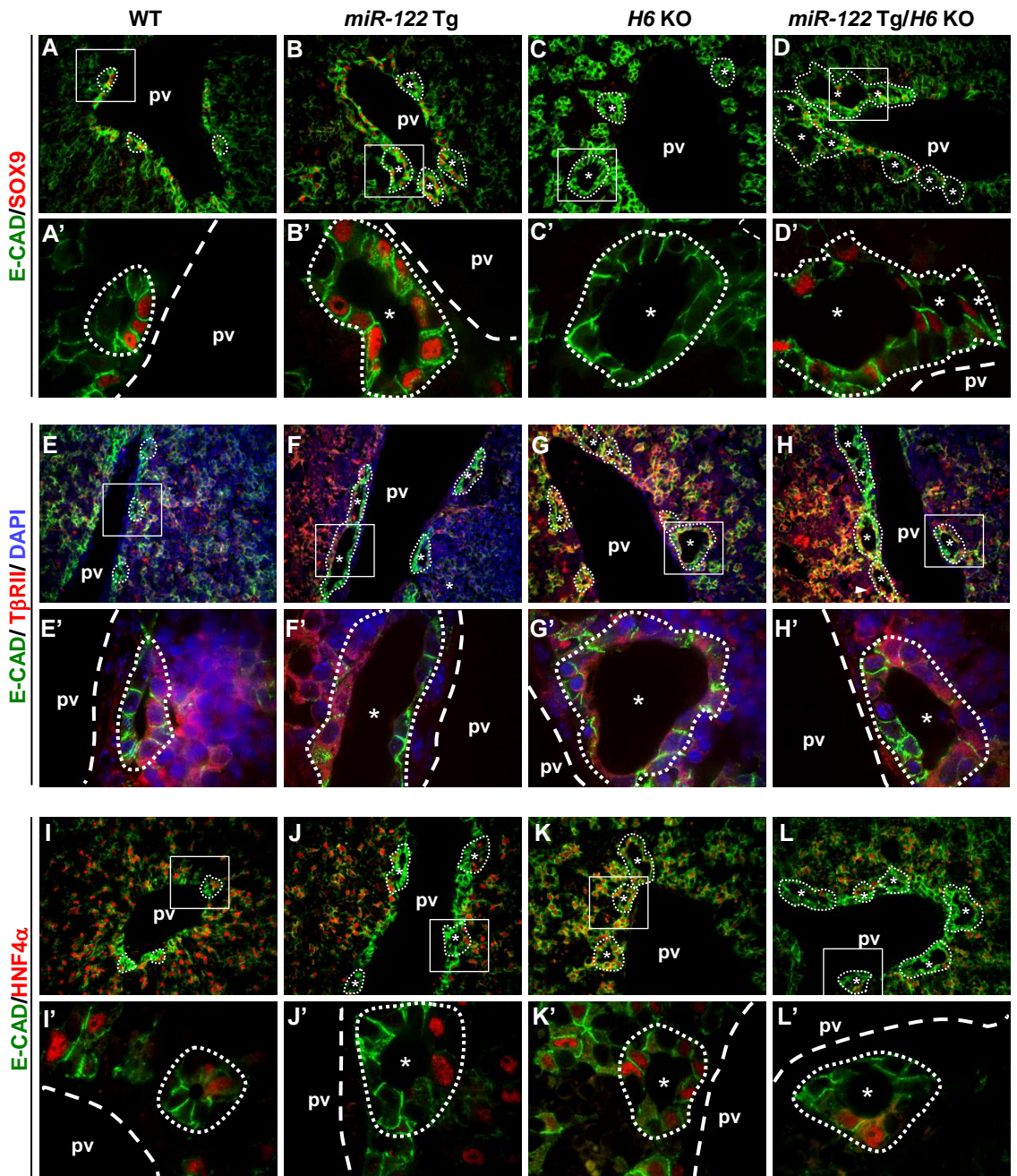
**B**

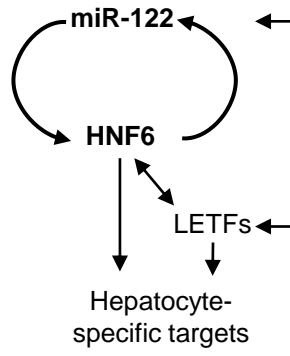
BMEL Agg antagomir-122/antagomir-mut (Fold change)	Gene Symbol	Gene Title
0.51	<b>ApoE</b>	<i>apolipoprotein E</i>
0.53	<b>ApoA2</b>	<i>apolipoprotein A-II</i>
0.54	<b>Alb</b>	<i>albumin</i>
0.55	<b>ApoH</b>	<i>apolipoprotein H</i>
0.59	<b>Itih2</b>	<i>inter-alpha trypsin inhibitor, heavy chain 2</i>
0.64	<b>Afm</b>	<i>afamin</i>
0.64	<b>Fgb</b>	<i>fibrinogen, B beta polypeptide</i>
0.65	<b>Itih4</b>	<i>inter alpha-trypsin inhibitor, heavy chain 4</i>
0.66	<b>Apoc1</b>	<i>apolipoprotein C-I</i>
0.67	<b>Pzp</b>	<i>pregnancy zone protein</i>
0.71	<b>Afp</b>	<i>alpha fetoprotein</i>
0.71	<b>Tff3</b>	<i>trefoil factor 3, intestinal</i>
0.71	<b>ApoA1</b>	<i>apolipoprotein A-I</i>
0.71	<b>Acat1</b>	<i>acetyl-Coenzyme A acetyltransferase 1</i>
0.71	<b>H19</b>	<i>H19 fetal liver mRNA</i>
0.71	<b>Gkn2</b>	<i>gastrokine 2</i>
0.72	<b>Fga</b>	<i>fibrinogen, alpha polypeptide</i>
0.73	<b>Ttr</b>	<i>transferrin</i>
0.73	<b>Kng1</b>	<i>kininogen 1</i>
0.73	<b>Rdh7</b>	<i>retinol dehydrogenase 7</i>
0.74	<b>Gc</b>	<i>group specific component</i>
0.74	<b>Tff1</b>	<i>trefoil factor 1 // similar to pS2m</i>
0.77	<b>Spp2</b>	<i>secreted phosphoprotein 2</i>
0.78	<b>Trf</b>	<i>transferrin</i>











<b>BMEI Agg antagomir-122/ antagomir-mut (Fold change)</b>	<b>Gene Symbol</b>	<b>Gene Title</b>
3.19	<b>Saa3</b>	<i>serum amyloid A 3</i>
2.93	<b>Lcn2</b>	<i>lipocalin 2</i>
2.83	<b>Clca4</b>	<i>chloride channel calcium activated 4</i>
1.83	<b>Cebpd</b>	<i>CCAAT/enhancer binding protein (C/EBP), delta</i>
1.60	<b>Tnfaip2</b>	<i>tumor necrosis factor, alpha-induced protein 2</i>
1.57	<b>Ccl20</b>	<i>chemokine (C-C motif) ligand 20</i>
1.52	<b>Idi1</b>	<i>isopentenyl-diphosphate delta isomerase</i>
1.52	<b>Mmp13</b>	<i>matrix metalloproteinase 13</i>
1.49	<b>Klhl2</b>	<i>kelch-like 2, Mayven (Drosophila)</i>
1.44	<b>Vnn3</b>	<i>vanin 3</i>
1.44	<b>Spink4</b>	<i>serine peptidase inhibitor, Kazal type 4</i>
1.41	<b>Zc3h12a</b>	<i>zinc finger CCCH type containing 12A</i>
1.39	<b>Oxct1</b>	<i>3-oxoacid CoA transferase 1</i>
1.37	<b>Nfkbiz</b>	<i>nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta</i>
1.37	<b>Nfkbia</b>	<i>nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha</i>
1.32	<b>Hk2</b>	<i>hexokinase 2</i>
1.27	<b>Cdkn1a</b>	<i>cyclin-dependent kinase inhibitor 1A (P21)</i>
1.27	<b>Acat2</b>	<i>acetyl-Coenzyme A acetyltransferase 2</i>
1.27	<b>Pmaip1</b>	<i>phorbol-12-myristate-13-acetate-induced protein 1</i>
1.25	<b>Ctsc</b>	<i>cathepsin C</i>
1.21	<b>Dmbt1</b>	<i>deleted in malignant brain tumors 1</i>
1.19	<b>Abcc3</b>	<i>ATP-binding cassette, sub-family C (CFTR/MRP), member 3</i>
0.51	<b>ApoE</b>	<i>apolipoprotein E</i>
0.53	<b>ApoA2</b>	<i>apolipoprotein A-II</i>
0.54	<b>Alb</b>	<i>albumin</i>
0.55	<b>ApoH</b>	<i>apolipoprotein H</i>
0.59	<b>Itih2</b>	<i>inter-alpha trypsin inhibitor, heavy chain 2</i>
0.64	<b>Afm</b>	<i>afamin</i>
0.64	<b>Fgb</b>	<i>fibrinogen, B beta polypeptide</i>
0.65	<b>Itih4</b>	<i>inter alpha-trypsin inhibitor, heavy chain 4</i>
0.66	<b>Apoc1</b>	<i>apolipoprotein C-I</i>
0.67	<b>Pzp</b>	<i>pregnancy zone protein</i>
0.71	<b>Afp</b>	<i>alpha fetoprotein</i>
0.71	<b>Tff3</b>	<i>trefoil factor 3, intestinal</i>
0.71	<b>ApoA1</b>	<i>apolipoprotein A-I</i>
0.71	<b>Acat1</b>	<i>acetyl-Coenzyme A acetyltransferase 1</i>
0.71	<b>H19</b>	<i>H19 fetal liver mRNA</i>
0.71	<b>Gkn2</b>	<i>gastrokine 2</i>
0.72	<b>Fga</b>	<i>fibrinogen, alpha polypeptide</i>
0.73	<b>Ttr</b>	<i>transthyretin</i>
0.73	<b>Kng1</b>	<i>kininogen 1</i>
0.73	<b>Rdh7</b>	<i>retinol dehydrogenase 7</i>
0.74	<b>Gc</b>	<i>group specific component</i>
0.74	<b>Tff1</b>	<i>trefoil factor 1 /// similar to pS2m</i>
0.77	<b>Spp2</b>	<i>secreted phosphoprotein 2</i>
0.78	<b>Trf</b>	<i>transferrin</i>
0.78	<b>Gstm1</b>	<i>glutathione S-transferase, mu 1</i>
0.78	<b>F10</b>	<i>coagulation factor X</i>



