

Supplementary Table 4 -Differentially regulated gene in Mboat7 Δ hep mice at steady state

Transcript Gene Symbol	logFC	FDR
Cidec	-2.208650537	0.000175969
Gm47528	-2.15E+00	7.33E-06
Gm10680	-2.06E+00	7.17E-06
Apoa4	-2.05E+00	3.57E-06
1810046K07Rik	-2.040695303	0.000358886
Cgref1	-1.99E+00	2.65E-05
Cntnap1	-1.891015048	0.000156537
Aqp4	-1.811152009	0.001910055
Gm38832	-1.725698346	0.028934642
Ptgds	-1.55E+00	6.48E-05
B930025P03Rik	-1.336666553	0.015157741
Them7	-1.211146201	0.001373252
Gm11752	-1.201816477	0.048941387
Fabp2	-1.08E+00	3.70E-07
Adh6-ps1	-1.06166898	0.00564718
2010003K11Rik	-1.058031718	0.017198774
Fbxo36	-1.037201697	0.002564689
Lamb3	-1.026985363	0.010506306
Wnt5b	-1.020532907	0.024445085
Elovl3	-1.008547488	0.007835016
B3galt1	-1.006584812	0.017783168
Dntt	-0.999955089	0.021942461
3930402G23Rik	-0.981091132	0.039200109
Pgm3	-0.957873456	0.000362975
Mppe1	-0.948886391	0.00049657
Fam47e	-0.917550626	0.037960814
Pctp	-0.916355787	0.000358886
Gm49668	-0.880390414	0.043134075
Slc6a16	-0.850599152	0.022131631
Bhlhb9	-0.847389918	0.008958549
Gm43672	-0.804516158	0.027257657
Trim14	-0.79817618	0.015065984
Arsg	-0.786782438	0.002732294
4930412C18Rik	-0.776872444	0.01684311
Gm38345	-0.772763341	0.042911363
Spns2	-0.763247411	0.017783168
Cdcp1	-0.759699135	0.034041395
Ccnd1	-0.749542129	0.0196137
AC132455.2	-0.74346771	0.007835016
1810010H24Rik	-0.730368377	0.025598338
Fyb2	-0.723065824	0.038555691
Mboat7	-7.10E-01	1.10E-08
Chrna2	-0.680804213	0.028604115
Elovl5	-0.672789516	0.010880767
Mettl1	-0.639042949	0.007835016
Lgals8	-0.635174103	0.003720187
Mpzi2	-0.633001639	0.007119686
Ehhadh	-0.632276997	0.003717218
Nlrp12	-0.611403205	0.042370374
Tmem62	-0.605987289	0.011922639
Crybg1	-0.602076987	0.022522914
Sulf2	-0.593142852	0.018005418

Pnpla7	-0.575191378	0.005139302
Yif1a	-0.559806061	0.009772907
Prox1os	-0.555958303	0.04856971
S100a10	-0.547415199	0.009772907
Inca1	-0.538498704	0.014897764
Gstt2	-0.533509616	0.010880767
Cpt1a	-0.520780892	0.015210686
Tmem120a	-0.513846134	0.021897739
Ftcd	-0.477164399	0.040205732
Ppa1	-0.469880985	0.002605565
Hykk	-0.469690369	0.021764907
Bhmt2	-0.464011766	0.01226232
Pcx	-0.464001381	0.04856971
Etfrf1	-0.458974444	0.037589634
Acox1	-0.451304986	0.01226232
Smim19	-0.450982625	0.041948682
Acaa1a	-0.447716135	0.015210686
Cyp4a14	-0.442779034	0.026227113
Mfsd4b1	-0.44082965	0.01350056
Nup210	-0.439320878	0.040205732
Gstm4	-0.430223702	0.021156577
Zc3h7b	-0.425859393	0.030959557
Ppp1r7	-0.422440761	0.01684311
Decr2	-0.42088904	0.037589634
Fgf1	-0.40819765	0.025297114
Def8	-0.407463771	0.045069913
Plbd1	-0.402975881	0.034434981
Pex16	-0.400851376	0.017198774
C1rl	-0.399266674	0.024482696
Acsf3	-0.397715725	0.030426782
Stard5	-0.380387593	0.023555572
Cpox	-0.371188665	0.041492429
Krcc1	-0.359696002	0.047018206
Tmem135	-0.352842341	0.035491948
Scrn2	-0.341392981	0.048941387
Dpp3	-0.337443904	0.041948682
Cebpg	0.32826517	0.047018206
Pde8a	0.364229507	0.042911363
Rnf19b	0.364830404	0.042911363
Itpr2	0.388521265	0.022522914
Tesk1	0.390206574	0.040971624
4930402H24Rik	0.397856956	0.03956777
Arhgdia	0.426953318	0.007128832
Rai14	0.428403636	0.028604115
Igip	0.428464104	0.02089335
Vps13a	0.44026849	0.043494805
Hdac5	0.450943767	0.027257657
Gm2a	0.453605711	0.017198774
Tfdp2	0.45941233	0.033801058
Yaf2	0.468657657	0.021764907
Bin1	0.473051623	0.042911363
Nrn1	0.480665918	0.022522914
Rnf145	0.481120945	0.000241291
Zbtb1	0.494048855	0.033816761

Coq10a	0.494378149	0.007024313
Plekha1	0.500076958	0.022865403
Tmem150a	0.508537675	0.027679244
Cyb5r3	0.512479451	0.022414777
Tmem131l	0.516918338	0.04856971
Tent5a	0.526624104	0.020542484
Ugdh	0.528705502	0.010159616
Nqo2	0.540790542	0.005268873
Cry1	0.542188647	0.042911363
Slc17a8	0.543757425	0.026277074
9030616G12Rik	0.547827582	0.049239086
Plekhg5	0.548330206	0.019174832
Orai1	0.553090336	0.028009816
Akr1c14	0.557940684	0.038570648
Agfg2	0.566095423	0.028047289
Samd1	0.574886492	0.028009816
Ugt2b1	0.589244148	0.004129425
Cyp2c29	0.602162868	0.009512325
Adamtsl4	0.602842686	0.020413264
Pogk	0.627013264	0.016856598
Cnnm4	0.637128133	0.005964683
mt-Ti	0.659279467	0.028009816
Kmt5a	0.671682962	0.000136392
Rbm38	0.681863632	0.030697693
Gclc	0.687342791	0.021146957
Angptl3	0.688263743	0.001694739
Gabbr1	0.693668296	0.021666114
Pisd-ps1	0.724290997	0.027257657
Cyp4f14	0.73698638	0.001180485
Scd1	0.767281388	0.005444135
F830016B08Rik	0.768380766	0.027679244
Dbf4	0.783481295	0.042799473
Rabep2	0.788427113	0.001008036
Tuba8	0.796577765	0.007556274
Hspa2	0.806082651	0.014459723
Pltp	0.825054951	0.000179127
Gpr135	0.830272538	0.028009816
Coprs	0.835575795	0.027257657
Cyp2a4	0.849987805	0.007062169
Vegfb	0.852381027	0.001599334
Wdr91	0.856507126	0.000358886
Sacs	0.873195399	0.017393035
Tspan17	0.87855343	0.027257657
Lor	0.879764105	0.019808918
Gm6135	0.882989303	0.036156146
Adam11	0.899627525	0.027215516
Sult1c2	0.900211081	0.040971624
Plekhf1	0.901054486	0.005139302
Serpina6	0.932781563	0.026277074
Lrrc14b	0.938304562	0.034748571
Jun	0.98465279	0.001599334
Gm48878	0.988042001	0.049336193
Adgrv1	1.018061966	0.047018206
Gm8941	1.047325556	0.049336193

Adrb3	1.055251885	0.007666337
Cyp2c70	1.06E+00	3.57E-06
Gm14057	1.08012515	0.017783168
Lrp2bp	1.087751957	0.028047289
Serpina7	1.11336478	0.011530719
Hells	1.118530869	0.010281745
Gdf15	1.127252167	0.010880767
Gstm3	1.193744413	0.007666337
Slc13a2	1.213599825	0.037245096
C730036E19Rik	1.218213157	0.04517402
Gm10804	1.388617852	0.021764907
Myom1	1.412202892	0.041948682
Ncaph	1.471110623	0.010880767
Jph1	1.512173459	0.027257657
Hamp2	1.599190037	0.018828535
Cyp2c55	1.601265013	0.027215516
Mtfr2	1.606515255	0.027679244
Lrrc39	1.846780701	0.005585269
Gm8251	1.953427282	0.015210686
Gm11967	1.968092732	0.001599334
Gck	1.999087307	0.001414009
Slc25a4	2.160977257	0.04517402
Pygm	2.952638969	0.039856931
Slc2a4	3.308180208	0.01937891
Srl	3.649896856	0.020542484
Obscn	4.784753773	0.011530719