

Supplementary Table 5 -Differentially regulated gene in Mboat7 Δ hep mice under HFCDD

Transcript Gene Symbol	logFC	FDR
Mup17	-2.756659338	0.0000195
AC121973.1	-2.701352324	0.00000183
Mup18	-2.306799519	0.00087669
Slco1a1	-2.222460797	0.0102315
Meg3	-2.103059426	0.0000169
Elovl3	-2.043221455	6.97E-09
Gm13775	-1.916691384	0.00000495
Rian	-1.592075034	0.04656355
Gm15441	-1.585920466	0.01937814
Sult2a7	-1.48077563	0.01240162
Disp2	-1.450611594	0.00079669
Sult2a8	-1.3344226	5.83E-09
Ugt2b37	-1.25867302	0.02366938
Gm12265	-1.235621458	0.04753785
Ctcflos	-1.210492555	0.0000675
Mup3	-1.172368123	0.00322289
1810053B23Rik	-1.170238447	0.0000639
Cntnap1	-1.161675961	0.0000283
Gm32063	-1.116739696	0.00907009
Mup-ps13	-1.102033766	0.04380487
Fgf21	-1.081219328	0.00371583
Fpr1	-1.044543998	0.00714816
Gm36028	-1.029125743	0.02788057
Asb2	-1.01560388	0.02749747
Cyp2d38-ps	-0.997678003	0.01198356
Slc6a16	-0.984973351	0.01201165
Tbx3os1	-0.949420695	0.04846489
Aqp4	-0.916271918	0.0000168
Mboat7	-0.874023019	5.25E-10
Serpina12	-0.867921312	0.00089108
Tsku	-0.859143119	0.01142015
Cyp2d37-ps	-0.854844357	0.00073401
Siglece	-0.852020809	0.04459267
Ces3b	-0.820517207	0.00040814
Cd163	-0.816616222	0.02749977
Pck1	-0.803314205	0.00737405
Gm17753	-0.763097975	0.0080091
Angptl6	-0.747552914	0.0006444
Gpc1	-0.731760424	0.00090476
Cyp2b13	-0.728801525	0.00377369
Cd300e	-0.725855791	0.04010412
Ces3a	-0.724127348	0.00942936
Colec10	-0.711620914	0.0000547
Angptl4	-0.709253185	0.0000185
Mcm10	-0.70457694	0.00194045
Ifit1	-0.684484373	0.0080091
Neat1	-0.67876151	0.00945751
Nlrp12	-0.667545423	0.00018577
H2-T24	-0.657128708	0.03927235
Tedc2	-0.655881398	0.0000703
Slc25a22	-0.653378266	0.00018622
Lama1	-0.65018018	0.04691612
Inhbc	-0.649868996	0.00015823
Lrtm1	-0.641688673	0.01097286
4930480G23Rik	-0.633910337	0.02652607
Tmem25	-0.622278912	0.00992245
Slc22a5	-0.619852636	0.00330088

Fitm1	-0.612516281	0.04525693
Saa3	-0.610075944	0.00015182
Ugt3a1	-0.606767323	0.00627877
AC157910.3	-0.604883237	0.01937748
Rapgef4	-0.60259691	0.00069122
Saa1	-0.599287329	0.0090477
Pex11a	-0.596456958	0.00923531
Bhmt	-0.59444879	0.00362938
Mgll	-0.58714902	0.00411524
Cyp2d40	-0.575561817	0.03172303
Ifit3	-0.571257854	0.01809341
Cyp4b1	-0.566951253	0.00062933
Rsad2	-0.557088529	0.00940481
Fam169b	-0.552876996	0.00395314
C730027H18Rik	-0.551008643	0.01223138
Hopx	-0.549907502	0.0000469
Lgals4	-0.548367012	0.04720158
Amigo2	-0.541629312	0.04097577
Siglec1	-0.536695866	0.04012194
Cyp2f2	-0.532071173	0.00062414
Acnat2	-0.529086947	0.01416004
Tnfaip8l1	-0.527167847	0.0025461
Paqr9	-0.515891316	0.00869158
Atf5	-0.51296921	0.03661958
Slc30a10	-0.511017958	0.02477673
Npr2	-0.50555219	0.00136346
Mug1	-0.483934799	0.0310006
Nr1i3	-0.479277775	0.00357363
Slc22a26	-0.469542738	0.00907009
Pctp	-0.465655304	0.02652607
Ecm1	-0.461998128	0.00062414
Trp53inp2	-0.459689818	0.00451671
B630019A10Rik	-0.448095994	0.0030178
Clec14a	-0.447772541	0.00203496
Ahcy	-0.444581618	0.02523487
Robo4	-0.443600247	0.02886335
Helz2	-0.43472191	0.02394316
Slc45a3	-0.430566464	0.00528726
Cpox	-0.4305041	0.01316421
Tlr12	-0.428695001	0.03333115
Ehd3	-0.427473534	0.00131446
C8g	-0.420463068	0.01223138
Ldhd	-0.419436236	0.02087604
Hsd17b7	-0.418758437	0.03411842
Ugt3a2	-0.414187529	0.00664446
Sco2	-0.413790188	0.04049568
Gpr182	-0.388748309	0.03659247
Cyp3a25	-0.385315588	0.03802341
Sugct	-0.379846147	0.04855581
Slc27a5	-0.363412498	0.04204381
Dnaja1	-0.362676294	0.03492279
Cyp27a1	-0.356522971	0.03379436
Sec16b	-0.355433782	0.01442269
Gk	-0.349271139	0.03532183
Pbld1	-0.338340944	0.02764691
Calm2	0.303099366	0.04518639
Micu2	0.323196223	0.04169538
Rpl41	0.324806049	0.03649072
Fam213a	0.325205251	0.0416672

Rhoc	0.327247806	0.03967546
Rpl23a	0.336237653	0.02996855
Dnajc10	0.345847361	0.02752707
Pea15a	0.355027285	0.04499126
Rpsa	0.357048544	0.03245991
Atpif1	0.358463937	0.0386905
Ano10	0.363165653	0.04383826
Cotl1	0.371283001	0.03173892
Tgfbr2	0.37152455	0.02394316
Hexb	0.371926355	0.02431281
Rpl39	0.376670201	0.01518399
Tmem184c	0.378242316	0.04286346
Bgn	0.383303991	0.03173892
Actg1	0.390362387	0.04476841
Tgfbi	0.392345456	0.04525693
Mif	0.394534448	0.02799478
Rpl35	0.399129642	0.00907009
Akr1b3	0.403365793	0.03004037
Sh3bgrl3	0.405421322	0.02288097
Slc44a1	0.405473626	0.0102315
Id2	0.406836092	0.02965315
Nedd9	0.407533	0.04855581
Gla	0.408945357	0.03359624
Pcna	0.411141597	0.02800582
Igfbp7	0.412077669	0.01201165
Sort1	0.416421345	0.04855581
Rpl12	0.417809947	0.0080091
Mxra8	0.418387083	0.04624228
Nans	0.418682426	0.0386905
Rps24	0.420225676	0.01001117
Alcam	0.422314793	0.01857861
Tmem165	0.425291213	0.00861761
Vim	0.425446822	0.00386232
H1f0	0.425645684	0.03446501
Tmem258	0.427467015	0.0151518
Pdgfrb	0.430395591	0.04499126
Fam84b	0.431694896	0.03302964
Galns	0.433458873	0.01344263
App	0.433666929	0.01488847
Ide	0.440203253	0.04473631
Me1	0.440636422	0.00697033
Pdia6	0.44211682	0.00907009
Il13ra1	0.442388186	0.00469064
Anxa4	0.442517623	0.00264075
Lgals1	0.443232755	0.02085783
Tusc3	0.443379589	0.02899533
Casc4	0.443567797	0.04855581
Tpm4	0.444191681	0.003484
Mcm3	0.445225306	0.03535646
Cavin1	0.44858417	0.00992245
Rhoq	0.44862332	0.01002801
Cygb	0.452427758	0.02086239
Zdhhc13	0.453078595	0.03002205
Tm4sf1	0.453567447	0.00459169
Gucy1a1	0.456649857	0.040944
P3h3	0.460664115	0.04819971
Ccdc80	0.464672392	0.00095304
Steap2	0.470009794	0.01359171
Pcolce	0.474659673	0.005641

Ptpre	0.475978307	0.04688097
Csrp1	0.477722985	0.00045166
Tagln2	0.480155327	0.00096638
Cyp2c70	0.480159916	0.00552527
Mfge8	0.48165736	0.04525693
Wls	0.482239663	0.00198056
Clec7a	0.482310917	0.02082631
Angptl2	0.48527394	0.01967473
Rab31	0.485518219	0.00514481
Lbh	0.486806297	0.00044041
Maged2	0.487411992	0.01706788
Emp2	0.48993622	0.00052461
Tmsb10	0.491543618	0.01201165
Gas6	0.495237606	0.00992245
Lpl	0.504996643	0.00478803
Selenon	0.505128068	0.01059046
F2r	0.505242861	0.00096638
Ctnnal1	0.505712443	0.03503383
Atp11a	0.506538313	0.03893556
Rrm1	0.506825566	0.01201165
Col6a1	0.506865972	0.01423344
Tk1	0.509943294	0.03333115
Ccdc88a	0.510252847	0.02369721
Lsm8	0.511055121	0.0386905
Gstm5	0.512475983	0.01347855
Cfl2	0.513072214	0.0062945
Lix1l	0.513533459	0.01335839
Col6a2	0.516807326	0.00474248
Hmgn2	0.517012011	0.00413965
Pklr	0.519307196	0.02634805
Col1a2	0.522534946	0.00090476
Sfxn3	0.525539249	0.04901211
Rnaseh2b	0.528172407	0.02670825
S100a11	0.528727467	0.00520218
Mgst3	0.533395292	0.01009495
Gstp3	0.533433133	0.00151718
Src	0.533507421	0.00737405
Pdgfra	0.536129357	0.04121506
Timp2	0.540237471	0.00413965
Npdc1	0.542043535	0.00088295
Mrc2	0.542267387	0.00925317
Tceal9	0.543107026	0.0002572
Dsg2	0.545324667	0.00011397
Ehd2	0.545684181	0.00574336
Arhgef16	0.549278189	0.01240361
Fabp5	0.549280526	0.00457875
Capn6	0.551156405	0.02036745
Lhfp	0.551949005	0.00049787
Pwwp2b	0.551993457	0.02446574
Epb4111	0.552698942	0.02571451
Zfp994	0.554604234	0.04965727
Adamts2	0.555083377	0.00140256
Rab3d	0.55544904	0.00088691
Lat2	0.558327575	0.01359171
Crip1	0.566073984	0.0001647
Tspan3	0.568687224	0.00285821
Pcdh7	0.569317658	0.02085585
E330009J07Rik	0.57138313	0.01937814
Fam180a	0.573587427	0.03501295

Serpinb6a	0.575466846	0.00000223
Col1a1	0.575891662	0.00042716
Anxa1	0.576155505	0.00022745
Thbs2	0.576461912	0.00111222
Pfkip	0.577612985	0.00182392
Cbx6	0.581627839	0.01198356
Hgf	0.582915885	0.00858763
Slc25a4	0.58421	0.00019705
Fchsd1	0.585151225	0.03736146
Rasa2	0.58634715	0.03566867
Gal3st1	0.586920092	0.02036745
Cd9	0.588756299	0.0000217
Cdk14	0.588829148	0.02333205
Clstn1	0.593076754	0.03279563
Cpne8	0.596350851	0.00584729
Zfp984	0.5995669	0.03632344
Timp3	0.600057488	0.00631866
Epdr1	0.602170359	0.00916021
Efemp2	0.606059497	0.00218287
Chmp4c	0.608698736	0.00357363
Abcb1a	0.609553319	0.01925579
Pkia	0.610896645	0.03320513
Emb	0.611915727	0.00907009
Ptgr1	0.612859138	0.00068779
Sgce	0.615558598	0.00872603
Svep1	0.615787388	0.01201165
Lepr	0.615873714	0.00072498
Setdb2	0.616742301	0.04044698
Pamr1	0.617912413	0.00634426
Serpinh1	0.618491392	0.0000992
Dkk3	0.623285974	0.00598313
Ano1	0.623845147	0.03204659
Fads3	0.625398378	0.04819971
Sparc	0.626540846	0.00000197
Gdf6	0.627103456	0.01201165
Slpi	0.627588385	0.00584729
Rcan3	0.628362965	0.00653898
Ppic	0.630020892	0.00151718
Golm1	0.630620364	0.00026824
Lynx1	0.631080953	0.02153588
Rragd	0.632881596	0.00060919
Smoc2	0.634843098	0.00018558
Gpr153	0.638359527	0.03963197
Jag1	0.638376573	0.00864454
Unc5b	0.638629645	0.04855581
Itih5	0.640171347	0.00069053
Olfml3	0.641578447	0.00000481
6-Sep	0.644403422	0.02749977
Evc	0.645951974	0.00059451
Cd276	0.656029733	0.00030628
Mmgt2	0.659052775	0.02649821
Rbp1	0.66199853	0.00000495
Mxra7	0.66224968	0.00237728
Ltbp3	0.663835917	0.00487092
lkbip	0.666298587	0.00096527
Itga8	0.666453056	0.0000109
Fbn1	0.667204009	0.00101182
Art4	0.66797043	0.00090476
Col3a1	0.668857606	0.00000225

Lox	0.669902694	0.00106801
Cystm1	0.675055975	0.00096638
Pygb	0.677469448	0.00012827
Wnt5a	0.678623649	0.02421399
Gabbr2	0.679028828	0.0000285
Kcnn4	0.679674254	0.02584275
Antxr1	0.680869402	0.00255471
Bambi	0.681221877	0.00362938
Cx3cl1	0.681383443	0.00413965
Aph1b	0.684515327	0.02780622
Cacna2d1	0.684883055	0.03245563
Nrep	0.68579179	0.00864236
Vsig10	0.685871054	0.02571451
Mbp	0.687748316	0.02036745
Cxcl14	0.695779618	0.00278068
Ptgis	0.69745922	0.04855581
B4galt6	0.700383594	0.00831875
Prss8	0.704492132	0.01344263
Ift57	0.708516027	0.03316903
Loxl1	0.708649706	0.00101345
Aebp1	0.711686134	0.00045495
Gmnn	0.712971221	0.0017356
Mcm6	0.714652717	0.00059887
Rab11fip5	0.714930667	0.00346126
Slc44a3	0.714977838	0.0000274
Col5a2	0.715502654	3.75E-08
C1qtnf6	0.722081933	0.00236146
Ptgfrn	0.72265592	0.0000675
Mansc1	0.726373586	0.02764691
Syng1	0.727471179	0.02799478
Tagln	0.728471996	0.0000318
Socs2	0.728912113	0.02649821
Miga1	0.730446102	0.00357593
Hr	0.731635627	0.00042307
Mt1	0.734973802	0.0110319
Mlph	0.73566786	0.04499126
Dpt	0.738369494	0.0000627
S100a6	0.740725488	0.00824781
Anxa9	0.742451443	0.0376566
Hid1	0.742976549	0.02465743
Ak1	0.745330924	0.03980211
Srebf1	0.749692666	0.000024
Ctsk	0.753528716	0.00030839
Evc2	0.754049579	0.00357593
Pard3b	0.754509083	0.04098599
Ezr	0.760586126	0.00000467
Ptk7	0.770821726	0.01804838
Nrm	0.775036782	0.02525084
Acta2	0.777714681	0.00545015
Gipc2	0.778074716	0.0000869
Cav2	0.778417874	0.00000134
Gramd1b	0.779986638	0.0151518
Cdh1	0.780281725	3.44E-10
Lrrc8b	0.780340334	0.00413965
Lum	0.780735398	2.24E-10
Htra1	0.780772748	0.00013331
Spon1	0.78530778	0.02036745
C1qtnf2	0.789542418	0.02488542
Tes	0.794251833	0.00043197

Fkbp10	0.795051987	0.00083389
Mmp2	0.795537707	0.00021329
Lama2	0.796898066	0.00037706
Pmepa1	0.798792057	0.0000247
Veph1	0.799558455	0.04691612
Adam11	0.799944591	0.00913164
Rad18	0.808305459	0.00554529
Scd2	0.811506486	0.0000108
Ddit4l	0.813902129	0.00040921
Robo2	0.814467089	0.00012978
Scube1	0.816117608	0.00026824
Cd63	0.819482631	4.19E-08
Fgfr3	0.821552427	0.0040951
Slc25a24	0.821757216	6.92E-07
Itgbl1	0.824629349	0.01661827
Ccr1	0.829041271	0.00218287
Ncaph	0.830360783	0.04090204
Rap1gap	0.83835212	0.0371384
Mt2	0.8388879	0.01168434
Pkp3	0.846059042	0.02884654
Ednrb	0.847075202	0.0001018
Ddr1	0.851572907	0.0000807
Palm	0.852034964	0.00039488
Al467606	0.852916686	0.02229271
Fmod	0.853332466	0.0000217
Col15a1	0.856210231	0.00059451
Tgfb2	0.86518881	0.00648123
Thsd7a	0.86758536	0.02714046
Tuba1a	0.867983854	0.00474401
Pygo1	0.870007349	0.04487325
Adamts11	0.874146635	0.00256609
Emp1	0.8764806	8.38E-10
Adamts9	0.881142739	0.00086365
Fgf12	0.884669954	0.02563745
Nucb2	0.89199933	0.00000223
Pkhd1	0.894425589	0.00000267
Zc2hc1a	0.909571301	0.0000544
Srd5a2	0.914593017	0.01672579
Cav1	0.915755671	0.00128143
Crispld2	0.917327197	0.00049686
Ncam1	0.918526471	0.04459267
Ppp1r1b	0.918587203	0.00026824
Fstl1	0.925585443	2.13E-10
Tmem119	0.930690712	0.00103581
Ace	0.934572821	0.00081443
Prkar2b	0.938910417	0.00155063
Pdgfd	0.940944267	0.00042099
Clmp	0.94286194	0.0000147
Bex3	0.945237135	0.00020266
Prrx1	0.950414399	0.02744946
St14	0.95452256	0.00172428
Thbs3	0.957632564	0.02884654
Usp43	0.957903474	0.03411842
Oscp1	0.963222144	0.04197937
Kcnq1	0.96494077	0.01097286
Adgrg1	0.984712944	0.00014001
Cand2	0.989070269	0.02336875
Cyp2a4	0.997319072	9.43E-07
Ubtd2	0.998153057	0.01073128

Sox9	1.007701843	8.83E-07
Myl9	1.011070399	0.00041273
Kdelr3	1.014007649	0.00244045
Gpm6a	1.014354877	0.00011201
Fam13c	1.017137256	0.00945751
Col8a1	1.017621261	0.0000688
Dclk1	1.022476751	0.0427851
Gprc5b	1.026435407	0.00126612
Sox4	1.029300748	3.44E-10
Tmem132a	1.034560723	0.0060152
Sparcl1	1.039241994	0.0000271
Plat	1.042495022	4.95E-09
Tspan6	1.043072072	0.00913164
9-Mar	1.04565962	0.03083174
Dync2li1	1.057597652	0.00043614
Tmc4	1.062606375	0.01201165
Arhgap44	1.062865212	0.00059461
Thsd4	1.06534039	0.03106315
Hells	1.069641252	0.00650198
Rasal1	1.072230617	0.00097435
Col6a3	1.072777584	3.66E-09
Pdgfrl	1.07423	0.00155063
Kif1a	1.074359415	0.00551032
Lgi2	1.081647781	0.02523487
Cxcl5	1.086321018	0.04945175
Cd34	1.087684094	1.24E-09
Triqk	1.095410989	0.02366938
Lama5	1.102964718	0.00609067
Bicc1	1.114798626	9.01E-08
Nek5	1.117147636	0.01809341
Pi15	1.118268804	0.00642351
Pik3ip1	1.123119868	0.02165758
Mtcl1	1.132500125	0.01804838
Col4a5	1.143249109	0.0000349
Zdhhc15	1.144873341	0.02563745
Enah	1.14600626	0.00070485
Sphk1	1.146636542	0.02036745
Ltbp2	1.152698711	0.00000323
Rab27b	1.157123682	0.00000303
Itga6	1.157504387	6.97E-09
Misp	1.16426802	0.00354675
Fxyd6	1.175837095	0.01073268
Itga2	1.177666504	0.00455174
Lrrc49	1.178367953	0.00244021
Lamc3	1.179653276	0.00072498
Tesc	1.185733006	0.01560749
Pak6	1.198328876	0.01043862
Fstl3	1.198964805	0.00255144
Cldn6	1.200318172	0.00341659
Tcf24	1.202878207	0.01711042
Col4a4	1.208004483	0.00155063
Hao2	1.211034931	0.00141115
Eln	1.214731801	0.00033526
Megf6	1.218929331	0.02367183
Ptpn13	1.219276015	0.0000937
Kcnab1	1.226560299	0.00042307
Hebp2	1.233065835	0.00223682
F2rl1	1.239931572	0.00348129
Itgb8	1.250862687	0.0000627

BC055324	1.259846867	0.00980527
Scn8a	1.265021556	0.00122063
Gm15883	1.272883751	0.00706073
Syt7	1.278672464	0.00032919
Igsf9	1.280194987	0.02167135
Nipal2	1.281152071	0.00147497
Mdk	1.281205543	0.00096527
Sema3c	1.285332802	0.00047713
Prr15l	1.293787837	0.0000443
Pdpn	1.305479626	0.01967473
Sobp	1.306228936	0.01240361
Nebl	1.31531688	0.0285184
Serpine2	1.316055998	7.08E-13
Asns	1.320229939	0.00357363
Tinag	1.321050002	0.00916021
5330417C22Rik	1.325677653	0.0000169
Kif12	1.326446635	0.01163632
Map1b	1.330432087	0.0041819
Itgb4	1.333465785	0.00063758
Tmem229a	1.335050105	0.00010054
Slc12a8	1.355924052	0.00258496
Ildr1	1.361699704	0.00423844
Spint1	1.370288343	0.00026824
Sema5a	1.371027428	0.0000102
Slain1	1.377020416	0.02036745
Slc5a1	1.393632101	6.71E-07
Gldn	1.397908763	0.00413965
Dcdc2a	1.404304452	3.44E-10
9530077C05Rik	1.418750434	0.00322289
Grhl2	1.422091281	0.00248949
Trim16	1.432183112	0.00451671
Chrb1	1.439060018	0.0000132
Tmem45a	1.44076044	5.28E-07
Rassf9	1.462391957	0.0000777
Rab25	1.469015798	0.00433488
Fjx1	1.472002201	0.00348129
Glis3	1.475921003	0.0000321
Mboat1	1.48091511	0.00021656
Klf5	1.521299272	0.00036725
Egflam	1.528632001	6.86E-07
Pdzk1ip1	1.536509339	1.61E-07
Hkdc1	1.545737494	0.00082985
Krt7	1.55432176	0.0000688
Gm830	1.565268718	0.00016061
Cd24a	1.565408494	2.35E-16
Kcne3	1.569730864	2.44E-07
Capsl	1.575461257	0.00013488
Muc1	1.576259992	1.90E-08
Hs6st2	1.608134048	0.00053962
Plet1	1.62244063	4.80E-08
Krt19	1.644008395	1.23E-07
Fermt1	1.657489266	1.23E-07
ccdc198	1.667640709	0.00000148
Wfdc3	1.669497331	0.00735172
Spp1	1.670448745	6.30E-29
Ankrd1	1.672624108	8.72E-09
Mal	1.674377147	0.0000295
Kcnk1	1.676677323	6.92E-07
Fxyd3	1.687746778	0.00000563

Olfml2a	1.704512433	0.0000108
Ugt8a	1.711740683	0.00014819
Lrrc8e	1.716968796	0.00026824
Cldn4	1.758210418	0.00011201
Il17re	1.771835573	0.00096638
Ctnnd2	1.789477309	0.00144454
Epb41l4a	1.79396982	0.00022491
Cnksr1	1.795656546	0.00384751
Lamc2	1.796452122	2.45E-07
Scara3	1.799889784	6.36E-17
Anxa13	1.800903054	5.72E-09
Meox1	1.805650256	0.00010411
Epn3	1.806247073	0.00038654
Cldn8	1.806339358	0.0000076
Ifnlr1	1.824506778	0.00013492
Klc3	1.848589853	0.000072
Bdkrb2	1.849005037	0.0000634
Wnk2	1.851455881	0.00060276
Epcam	1.875235504	2.75E-19
Cldn7	1.879296028	3.73E-07
Sult2a6	1.895914451	0.00123231
H19	1.907748068	4.85E-12
Wfdc15b	1.92347091	0.00000302
Myo5c	1.926991526	0.00018985
Slc44a4	1.930814069	0.0000355
Shisa4	1.941947289	0.0000244
Cftr	1.967147712	3.88E-07
Ehf	2.017484202	3.70E-19
Cdh6	2.031041565	1.55E-10
Scube3	2.037145783	1.02E-07
Fbn2	2.039281905	7.75E-09
Sult2a2	2.047271073	0.00000145
Prom1	2.059495584	4.53E-31
Tnnt2	2.070277287	0.02652607
Sult2a5	2.07049372	0.00047225
Bspry	2.113762972	0.00000379
Itgb6	2.117746711	0.0000725
Esrp1	2.120114839	0.00010054
Kcnma1	2.130260114	0.00011879
Tspan8	2.27466046	4.53E-31
A230001M10Rik	2.392716921	5.83E-09
Sftpd	2.401616904	4.00E-16
Sult2a1	2.485983508	0.0000845
Lrrc55	2.628536499	3.24E-09
Akr1c18	2.641839438	3.82E-12
Scd1	2.762129356	4.18E-10
Sgpp2	2.76435943	0.00000522
Mmp7	2.87460629	1.37E-08
Clic6	3.105384173	3.43E-07