

Supplementary Table S5: Full microarray data showing the 828 genes significantly regulated (340 were down-regulated and 488 were up-regulated) in *Acp1^{+/+}* after TAC vs. *Acp1^{+/+}* after sham. Only genes expression with fold changes ≥ 1.5 (up-regulated) or ≤ -1.5 (down-regulated) and p-value < 0.05 were considered statistically significant (*Acp1^{+/+}* Sham, n=2; *Acp1^{+/+}* TAC, n=5).

RefSeq Transcript ID	Gene Symbol	p-value (+/+ tac vs. +/+ sham)	Fold-change (+/+ tac vs. +/+ sham)
NM_175087	Aqp6	0.0132209	-10.0446
NM_053200	Ces1d	0.0461934	-4.4883
NM_175087	Aqp6	0.0415708	-3.90088
NM_053200	Ces1d	0.046719	-3.80764
NM_008777	Pah	0.00816665	-2.88519
NM_007892	E2f5	0.0343685	-2.65961
NM_008426	Kcnj3	0.00405282	-2.5446
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NM_178936	Tmem56	0.00265592	-2.39247
NM_009640	Angpt1	0.00607298	-2.30553
NM_001122954	Pla2g5	0.000163575	-2.27036
XM_001474896	6720475J19Rik	0.0314827	-2.06759

NM_178936	Tmem56	0.0310011	-2.03144
NM_178650	Tbc1d10c	0.0258101	-2.02799
NM_001037907	Ripply2	0.00541408	-2.02164
NM_020278	Lgi1	0.0198443	-2.01029
NM_177162	9930032O22Rik	0.00497469	-2.00849
NM_001190718	Dcaf12l1	0.00316721	-2.00333
NM_029555	Gstk1	0.0074347	-1.99874
XM_907235	A930018M24Rik	0.0202938	-1.98575
NM_177470	Acaa2	0.036179	-1.97859
NM_007911	Efnb3	0.0448149	-1.97003
NM_009879	lft81	0.0335024	-1.96796
NM_181815	4930534B04Rik	0.00667698	-1.94957
NM_026384	Dgat2	0.019203	-1.93902
NM_001114662	Mfsd4	0.00212804	-1.9359
NM_133808	Hdlbp	0.0400708	-1.93223
NM_133979	Ano10	0.0213222	-1.9243
NM_019697	Kcnd2	0.008382	-1.91448
NM_001159900	Hopx	0.0329242	-1.91446

NM_028491	1700040L02Rik	0.0330116	-1.90932
NM_175191	Gpr22	0.0415211	-1.90702
NM_026384	Dgat2	0.0132061	-1.89605
NM_001168296	Ephb1	0.00304564	-1.88779
NM_009879	Ift81	0.0261982	-1.88687
NM_153170	Slc36a2	0.0124057	-1.88324
NM_026172	Decr1	0.0246502	-1.88239
NM_027126	Hfe2	0.00349671	-1.88027
NM_001099738	Dnajc28	0.00386059	-1.87479
NM_001168318	Scara5	0.0314181	-1.87329
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NM_001044720	Abcc9	0.00106986	-1.84611
NM_009685	Apbb1	0.00780945	-1.83339
NM_001017427	Rasef	7.35E-05	-1.83079
NM_019826	Ivd	0.0361484	-1.83046
NM_011991	Cops3	0.0112405	-1.83015
NM_029361	Wnk2	0.00678989	-1.82849
NM_025599	2610528E23Rik	0.0130124	-1.82742

NM_021477	Rbfox1	0.00127085	-1.82695
NM_145448	9030617O03Rik	0.0051155	-1.81727
NM_010578	Itgb1	0.00158814	-1.81641
NM_011797	Car14	0.0227177	-1.81068
NM_183179	Kcnc2	0.0104799	-1.80855
NM_020257	Clec2i	0.014099	-1.79812
NM_001145977	Cadm2	0.016986	-1.78955
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XR_105353	E130307A14Rik	0.02574	-1.78272
NM_009949	Cpt2	0.0356991	-1.78249
NM_134420	Slc26a6	0.00990679	-1.7803
NM_016772	Ech1	0.0186158	-1.77865
NM_012006	Acot1	0.049486	-1.7751
NM_172778	Maob	0.0169945	-1.77492
NM_177200	Svopl	0.0177914	-1.77081
NM_175523	Ppm1k	0.00134307	-1.76814
NM_021477	Rbfox1	0.0404338	-1.76421
NM_011158	Prkar2b	0.000655647	-1.76178

NM_001085515	Al464131	0.0176002	-1.76007
NM_010023	Dci	0.0273605	-1.75563
NM_011856	Odz2	0.00192729	-1.75023
NM_175535	Arhgap20	0.0146919	-1.74992
XM_003084661	Gm6590	0.0210975	-1.74927
NM_001085501	Ppp1r3d	0.0152292	-1.74458
NM_133931	Pot1a	0.00660935	-1.74209
NR_033502	C030023E24Rik	0.0013127	-1.73945
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NM_008888	Phox2b	0.0204357	-1.73143
NM_019697	Kcnd2	0.0108835	-1.72887
NM_009685	Apbb1	0.0104699	-1.72774
NM_001044744	Gcdh	0.0029375	-1.72437
NM_001143956	Mettl11b	0.0133042	-1.72073
NM_026808	Fitm1	0.00767419	-1.71967
NM_181815	4930534B04Rik	0.00779557	-1.71671
NM_029953	Arhgef38	0.000172493	-1.71379
NM_010473	Hrc	0.00103118	-1.70948

NM_009640	Angpt1	0.0143182	-1.7072
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NR_015539	9630013A20Rik	0.00703562	-1.70309
NM_009700	Aqp4	0.0264242	-1.70291
NM_010419	Hes5	0.00783407	-1.70199
NM_001170748	Asb14	0.0184552	-1.70177
NM_001163945	Rpl3l	0.0104409	-1.69999
NM_175523	Ppm1k	0.0119108	-1.69845
NM_001025364	Rtn2	0.0385917	-1.69673
XR_105042	Gm6600	0.0176757	-1.68971
NM_023784	Yipf7	0.0274648	-1.68782
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XR_035454	BC034902	0.043254	-1.68603
NM_022982	Rtn4r	0.00601005	-1.68577
NM_028493	Rhobtb3	0.000511933	-1.68474
NM_001031772	Lin28b	0.0220845	-1.68448

NM_001190322	Chchd7	0.00518587	-1.68078
NM_001085546	2210418O10Rik	0.0114097	-1.68042
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NM_001102430	Arfgef1	0.0213993	-1.6752
NM_001114339	Pank1	0.015357	-1.67482
NM_007426	Angpt2	0.00014092	-1.67075
NM_001013390	Scn4b	0.00176727	-1.66878
NM_001003824	Kcnq2	0.00462823	-1.66683
NM_011044	Pck1	0.00277833	-1.66615
NM_144903	Aldob	0.0442455	-1.66501
NM_001033597	Acsl6	0.0204201	-1.66477
NM_007697	Chl1	0.00571708	-1.66468
NM_010170	F2rl2	0.000552187	-1.66448
NR_015456	D7Ert715e	0.0275005	-1.66158
NM_080455	Tshz2	0.0033434	-1.6594
NM_001044720	Abcc9	0.0380038	-1.65684
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NM_134071	Ankrd32	0.00509223	-1.65273
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NM_027321	Lrrc39	0.0138245	-1.64852
NM_175236	Adhfe1	0.0266349	-1.64753
NM_019472	Myo10	0.00761075	-1.64727
NM_029095	Hhatl	0.000815641	-1.64454
NM_053014	Agpat3	0.0390051	-1.64365
NM_001159354	Magi3	0.0387942	-1.64155
NM_153459	Dusp7	0.00867958	-1.63939
NM_008966	Ptgfr	0.00197025	-1.63784
NM_020520	Slc25a20	0.00575425	-1.63536
XM_003085444	2310040G07Rik	0.00216299	-1.63415
NM_018852	Scn9a	0.00883072	-1.63327
NR_015572	1810014B01Rik	0.0206912	-1.63211
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NM_029619	Msrb2	0.0272476	-1.62848
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NM_001164370	Mipol1	0.0102567	-1.62756
NM_008017	Smc2	0.00342258	-1.627
NM_173763	Ccbl2	0.0112158	-1.62587
NM_001025576	Ccdc141	0.0239129	-1.62417
NM_175236	Adhfe1	0.0347019	-1.62405
NM_026793	Myct1	0.0242894	-1.62313
NM_008650	Mut	0.00886543	-1.62176
NM_010022	Dbt	0.0138663	-1.62036
NM_178869	Ttll1	0.0331203	-1.61962
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NM_001161420	Vldlr	0.00159151	-1.61855
NM_007823	Cyp4b1	0.0226639	-1.61769
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NM_011317	Khdrbs1	0.0145732	-1.61157
NM_183283	2310010M20Rik	0.018145	-1.60919
NM_178405	Atp1a2	0.0309127	-1.60837
NM_153543	Aldh1l2	0.0300327	-1.60802
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NM_134188	Acot2	0.0251287	-1.60106
NM_001081180	Spink5	0.000163736	-1.59914
NM_001098170	Pcdh10	0.00507293	-1.59867
NM_145624	Zfp709	0.00569287	-1.59819
XR_104992	2310040G24Rik	0.0447644	-1.59721

NM_181073	Plekhh1	0.0067263	-1.59693
NM_001164683	Tmem29	0.0147674	-1.59652
XR_105594	AW495222	0.00373714	-1.59484
NM_001161431	Slitrk2	0.0216791	-1.59134
NM_001025576	Ccdc141	0.0169109	-1.59084
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NM_030026	Mccc2	0.0281394	-1.58891
NM_001040396	2810407C02Rik	0.00927608	-1.58789
NM_019427	Epb4.1l4b	0.00542239	-1.58765
NM_178758	Acsm5	0.0212437	-1.58745
NM_007936	Epha4	0.028337	-1.58669
NM_199143	Znrf2	0.0337473	-1.58649
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NM_001083967	Tcf4	0.000387851	-1.58323
NM_173866	Gpt2	0.0276433	-1.58307
NM_001110202	Trim9	0.00669447	-1.58091
NM_026470	Spata6	0.0162237	-1.58042

NM_008552	Mas1	0.0179859	-1.58031
NM_001168382	Phf14	0.03999	-1.58031
NM_008609	Mmp15	0.0188867	-1.5801
NM_007419	Adrb1	0.0210033	-1.57925
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NM_008864	Prl3d1	8.36E-05	-1.57663
XR_035179	A530021J07Rik	0.0377212	-1.57639
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NM_029321	Ttc32	0.0239021	-1.57588
NM_011215	Ptprn2	0.005761	-1.57423
NM_011395	Slc22a3	0.0471791	-1.57361
NM_001081567	Mapk10	0.00767911	-1.57223
NM_001037726	Creb1	0.00576309	-1.5722
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NM_007655	Cd79a	0.0168569	-1.57144
NM_001037987	Edil3	0.00242528	-1.57088
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NM_175535	Arhgap20	0.00362039	-1.56934
NM_008482	Lamb1	0.0136058	-1.56816
NM_001026214	Entpd5	0.0395036	-1.5674
NM_001164804	Coro2a	0.010244	-1.56714
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NM_001040395	1110020G09Rik	0.00998591	-1.56511
NM_008651	Mybl1	0.0263017	-1.56464
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NM_080444	Asb10	0.00587237	-1.56188
NM_008216	Has2	0.00381463	-1.56133
NM_178630	Agbl3	0.0208359	-1.56004
NM_183046	Kif20b	0.0140899	-1.55982
NM_019697	Kcnd2	0.0381604	-1.55977

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NM_001109684	9030409G11Rik	0.0240375	-1.55797
NM_009936	Col9a3	0.0230863	-1.55661
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NM_030026	Mccc2	0.00776135	-1.5544
NR_024619	2610001J05Rik	0.00516415	-1.55416
NM_001044697	Zfp2	0.00274693	-1.55402
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NM_181588	Cmbl	0.0206934	-1.55242
NM_009250	Serpini1	0.0256265	-1.55163
NM_007883	Dsg2	0.029079	-1.55159
NM_001168508	Mapk14	0.019059	-1.55096
NM_028039	Esco2	0.0160523	-1.54991
NM_001166009	Tmem215	0.0102055	-1.54986
NM_008066	Gabra2	0.00558979	-1.54856
NM_029863	9230110F15Rik	0.0219029	-1.54842
NM_010314	Gngt1	0.00139455	-1.54772

NM_016889	Insm1	0.0192066	-1.54748
NM_018829	Ap3m1	0.0197094	-1.54705
NM_001166371	Zfml	0.0291875	-1.54626
NM_025978	Ttc14	0.0117491	-1.54609
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NM_001081499	Tbc1d8b	0.0491039	-1.54527
NM_001083916	1810019J16Rik	0.0194314	-1.54516
NM_027275	Ptcd3	0.0123063	-1.54239
NM_028091	Osgepl1	0.0184368	-1.54225
---	9130413E14Rik	0.0130438	-1.54164
NM_001170489	Aplf	0.00446696	-1.54086
NM_027402	Fndc5	0.00241466	-1.54079
NM_018768	Stx8	0.00323683	-1.54012
NM_011308	Ncor1	0.0313538	-1.53978
NM_173397	Fitm2	0.0100412	-1.53821
NM_028443	Fam101a	0.000576016	-1.53755
NM_025794	Etfdh	0.0350169	-1.5374
NR_003964	Tubb2a-ps2	0.0458407	-1.53718

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NM_007936	Epha4	0.0266194	-1.5349
NM_080285	Cttnbp2	0.0239195	-1.53433
NM_021524	Nampt	0.0345332	-1.53428
NM_007590	Calm3	0.00115288	-1.53321
NM_001037099	Cacnb4	0.00885337	-1.53238
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NM_019577	Ccl24	0.0367012	-1.53183
NM_021790	Cenpk	0.000871249	-1.53082
NM_001110129	Ppnh	0.0127224	-1.52864
NM_001126489	Zfp735	0.000823974	-1.52836
NM_001033235	Trim40	0.0319107	-1.52789
NM_001039185	Ceacam1	0.0417821	-1.52789
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NM_013513	Epb4.2	0.00643082	-1.52695
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NM_199195	Bckdhh	0.0284839	-1.52637
NM_178386	Slc25a31	0.043111	-1.52567

NM_011158	Prkar2b	0.00177331	-1.52536
NM_025695	Smc6	0.0153264	-1.52498
NM_001017407	Tbata	0.00542315	-1.52466
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NM_145463	Shisa2	0.00130921	-1.52204
NM_027126	Hfe2	0.0362081	-1.52171
NM_018800	Syt6	0.0136088	-1.52156
NM_008779	Cntn3	0.00975882	-1.5215
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NM_007423	Afp	0.00144461	-1.52026
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NM_001163587	Agxt2l1	0.0099551	-1.51858
NM_172946	Krt222	0.00560824	-1.51844
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XR_104742	2500004C02Rik	0.0307325	-1.5177

NM_001110202	Trim9	0.00675215	-1.51672
NM_009524	Wnt5a	0.0143013	-1.51593
NM_146241	Trhde	0.0071939	-1.51574
NM_009065	Rit2	0.017257	-1.5157
NM_009020	Rag2	0.0260446	-1.51516
NM_026104	Tmco5	0.0139683	-1.51477
NM_001013780	Slc25a34	0.00309569	-1.51442
NM_008212	Hadh	0.0156688	-1.51425
NM_029250	Etnk1	0.000475939	-1.51369
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NM_001161362	Ppp2r3a	0.0259668	-1.51264
NM_023910	Tsc22d4	0.000636606	-1.51087
XM_001473772	2010109A12Rik	0.0197169	-1.51071
NM_148927	Plekha4	0.00922792	-1.51006
NM_001167946	1700008F21Rik	0.0223701	-1.50997
NM_205810	Mrgprb1	0.00881505	-1.50988
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NM_001190718	Dcaf12l1	0.0388647	-1.50758

NM_001171615	Myt1	0.00167153	-1.50753
NM_178731	Lrrtm4	0.00695031	-1.50731
NM_053226	Vmn1r53	0.00216343	-1.50703
NM_172740	Zfp420	0.0318076	-1.50671
NM_001161420	Vldlr	0.00629403	-1.50653
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NM_172853	Cdh7	0.0131701	-1.50633
NM_130876	Krtap16-9	0.0127221	-1.50511
NM_030688	Il1rapl2	0.0181952	-1.50418
NM_146247	BC024814	0.0492303	-1.50413
NM_009257	Serpinb5	0.0335892	-1.50406
NM_053198	Sfxn4	0.00775545	-1.50387
NM_001177795	Rgs20	0.0344459	-1.50384
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NM_029436	Klhl24	0.0147687	-1.5028
NM_001004066	Zfp386	0.00644776	-1.50225
NM_001113327	Fam131b	0.00985745	-1.50208

NM_001134383	Iqsec1	0.0378583	-1.50132
NM_021317	Dnajb7	0.00778513	-1.50122
NM_001101479	Pabpc4l	0.0314269	-1.50092
NM_001025576	Ccdc141	0.00435452	-1.50013
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NM_001033380	Itpripl2	0.0215528	1.50247
NM_001077595	Shroom3	0.0289948	1.50258
NM_018869	Grk5	0.0279833	1.5031
NM_144515	Zfp52	0.0292021	1.50347
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NM_011373	St6galnac4	0.0286882	1.50791
NM_001048208	Med14	0.00723232	1.50833
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NM_053183	Ddx50	0.00150902	1.51458
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NM_008437	Napsa	0.00118535	1.51792
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NM_023734	Pi16	0.0164707	1.51851
NM_028243	Prcp	0.0402982	1.51985
NM_027656	Zbtb46	0.00101037	1.51995
NM_008774	Pabpc1	0.0343075	1.52015
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NR_015516	4930526115Rik	0.0239119	1.521
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NM_011519	Sdc1	0.0411423	1.52178
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NR_015585	4933439C10Rik	0.000947397	1.54237
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NM_026268	Dusp6	0.0308547	1.54445
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NM_007840	Ddx5	0.000693783	1.55963
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NM_001162906	2410089E03Rik	0.00250641	1.56932
NM_010500	Ier5	0.0387313	1.56963
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NM_016798	Pdlim3	0.0158508	1.57209
NM_001045529	Morc3	0.0173101	1.57242
NM_019914	Mllt11	0.00623678	1.57382
NM_024194	Lrrc40	0.0180449	1.57387
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NR_003633	Meg3	0.0455997	1.57702
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NM_010065	Dnm1	0.0315757	1.57927
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NM_153775	Ctu2	0.00063658	1.58449
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NM_001190852	Pdlim5	0.0229017	1.6134
NM_177788	Exoc3l	0.000110233	1.61817
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NM_031397	Bicc1	0.0187467	1.61874
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NM_008726	Nppb	0.0126458	1.62129
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NM_021457	Fzd1	0.00813683	1.62825
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NM_172457	Mobkl2a	0.0243886	1.63939
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NM_001113545	Lima1	0.0424295	1.64089
NM_010128	Emp1	0.022463	1.64183
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XR_106238	LOC100504121	0.00174699	1.64404
NM_028779	Ampd2	0.0116829	1.64553
NM_001145920	Runx2	0.0187745	1.6457
NM_016863	Fkbp1b	0.00516157	1.64578
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NM_010748	Lyst	0.0177767	1.64894
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NM_023738	Uba7	0.0156378	1.65028
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NM_153056	Sirt7	0.014872	1.65175
NM_001111051	Dclk1	0.03908	1.65252
NM_001170848	Luc7l2	0.0219041	1.65262
NM_001161665	Kif26b	0.00221806	1.65301
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NM_001136079	Ptger4	0.00575481	1.65505

NM_010303	Gna13	0.00624515	1.65509
NM_145566	Agfg2	0.00384887	1.65571
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NM_010431	Hif1a	0.00360333	1.661
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NM_008885	Pmp22	0.0410397	1.66335
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NM_001008238	Bnip2	0.0180247	1.66519
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NM_172684	Rsbn1	0.00138416	1.66689
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NM_009370	Tgfbr1	0.0157243	1.66925

NM_026965	Comtd1	0.0205761	1.67211
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NM_201362	Ccdc68	0.00178021	1.67527
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NM_009260	Spnb2	0.0160624	1.68078
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NM_008677	Ncf4	0.0369296	1.68095
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NM_016721	lqgap1	0.0186883	1.68785
NM_178661	Creb3l2	0.0213158	1.68848

NM_008540	Smad4	0.00546689	1.68866
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XR_035177	AB041803	0.00709371	1.70064
NM_139143	Slc39a6	0.00487053	1.70262
NM_001134791	Osbpl9	0.00670928	1.7059
NM_133242	Rbm39	0.000317138	1.70701
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NM_001079908	Fgfr1	0.0207325	1.71402
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NM_033325	Loxl2	0.0476868	1.71549

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NM_013750	Phlda3	0.027646	1.72002
NM_001162477	Gab2	0.0155305	1.72159
NM_175096	Stbd1	0.0235064	1.73519
NM_181585	Pik3r3	0.0195781	1.73565
NM_025494	Atp6v1c1	0.00140299	1.73591
NM_001166408	Rai14	0.0443347	1.73801
NM_009777	C1qb	0.00939662	1.73939
NM_009888	Cfh	0.0439377	1.74104
NR_015512	4933406K04Rik	0.0217492	1.74425
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NM_019703	Pfkp	0.0167414	1.74756
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NM_013519	Foxc2	0.0423867	1.75944

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NM_175291	Dock10	0.0369492	1.76526
NM_001163481	Fkbp10	0.0473724	1.76725
NM_133662	Ier3	0.0386572	1.76842
NM_011955	Nubp1	0.0206955	1.76887
NM_001081379	Ankrd11	0.0168978	1.7696
NM_146057	Dap	0.0362386	1.76965
NM_011141	Pou3f1	0.00953835	1.77013
NM_009930	Col3a1	0.0495996	1.7752
NR_002870	Dnm3os	0.0180623	1.77643
NM_001081249	Vcan	0.0144663	1.77733
NM_010422	Hexb	0.0433772	1.77916
NM_025994	Efhd2	0.035741	1.78112
NM_023739	Nfx1	0.000264336	1.78297
NM_009728	Atp10a	0.00233056	1.78648
NM_008597	Mgp	0.0316297	1.78834
NM_145456	Zswim6	0.000572733	1.7892
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NM_001145884	Itgb5	0.0206102	1.79297
NM_133242	Rbm39	0.000354051	1.79694
NM_010917	Nid1	0.00936676	1.79708
NM_001163262	4933407C03Rik	0.0430006	1.79708
NM_021028	Tk2	0.0181258	1.7975
NM_008788	Pcolce	0.0161879	1.80012
NM_001167967	Ankrd10	0.000648445	1.806
NM_011193	Pstpip1	0.0051681	1.80699
NM_152808	Slc44a2	0.0365524	1.80742
NM_010657	Hivep3	0.00676547	1.80859
NM_008540	Smad4	0.00082919	1.80914
NM_010493	Icam1	0.0436689	1.81142
NM_175259	Shisa4	0.0318261	1.81199
NM_170591	Nupl1	0.000414765	1.81355
NM_030152	Nol3	0.0457938	1.81454
NM_011670	Uchl1	0.0266694	1.81681
NM_001033355	Zfp568	0.00396781	1.82772
NM_008813	Enpp1	0.0160347	1.8289

NM_001190320	Clec4n	0.0431881	1.83328
NM_001172098	Strn3	0.00861259	1.83755
NM_031397	Bicc1	0.00121018	1.84081
NM_010169	F2r	0.00510646	1.84141
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NM_025635	Zwint	0.0362204	1.8496
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NM_033327	Zfp423	0.0427279	1.86827
NM_153098	Cd109	0.010052	1.86853
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NM_007459	Ap2a2	0.0200508	1.87485
NM_198006	6330578E17Rik	0.0114601	1.87486
NM_011175	Lgmn	0.0274195	1.87499

NM_026054	2810474O19Rik	0.0397429	1.87821
NM_001083895	Srpx2	0.0223924	1.88054
NM_183168	P2ry6	0.0298551	1.8821
NM_025454	Ing5	0.000192139	1.88431
NM_007739	Col8a1	0.00187047	1.8856
NM_013630	Pkd1	0.00925167	1.88848
NM_172870	Bnc2	0.00426728	1.88982
NM_001177980	Pde4b	0.0334598	1.8919
NM_001177371	Dbn1	0.0320089	1.89399
NM_025445	Arfgap3	0.00412732	1.9033
NM_001145198	1500009L16Rik	0.0128875	1.90347
NM_009777	C1qb	0.0340163	1.90753
NM_181409	Mtmr11	0.0414341	1.91531
NM_010329	Pdpn	0.0432224	1.91713
NM_001081286	Fat1	0.0119132	1.91964
NM_008520	Ltbp3	0.0184044	1.93407
NM_001083120	Enah	0.0442453	1.93588
NM_007805	Cyb561	0.0468646	1.93646

NM_001136086	Dpysl3	0.0108445	1.94362
NM_001001999	Gp1bb	0.0218589	1.94556
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NM_009775	Tspo	0.0367904	1.95738
NM_007679	Cebpd	0.0422697	1.96181
XR_105187	E230013L22Rik	0.0143254	1.98342
NM_008540	Smad4	0.00189893	1.9869
NM_008047	Fstl1	0.0157236	1.98691
NM_011985	Mmp23	0.0239378	1.98871
NM_001042534	Capg	0.0259814	1.99592
NM_175132	Synpo2l	0.0257704	1.99612
NM_026835	Ms4a6d	0.0345989	2.00013
NM_011985	Mmp23	0.040869	2.01691
NM_001039090	Skil	0.00623228	2.02577
NM_001081249	Vcan	0.032536	2.03594
NM_007707	Socs3	0.0314718	2.04608
NM_001082553	Rab27b	0.00687425	2.04935

NM_021476	Cysltr1	0.0223014	2.05471
NM_009775	Tspo	0.0445692	2.05488
NM_001190852	Pdlim5	0.00127165	2.05617
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NM_001111051	Dclk1	0.0178888	2.06478
NM_001159394	Nfkbiz	0.0239625	2.06626
NM_021342	Kcne4	0.0126956	2.06983
NM_008813	Enpp1	0.0116252	2.06985
NM_007739	Col8a1	0.0089125	2.07039
NM_133187	Fam198b	0.00845949	2.0902
NM_022814	Svep1	0.0491423	2.09057
NM_028186	Nkd2	0.0169193	2.0951
NM_022004	Fxyd6	0.0446828	2.09598
NM_001002011	Lmna	0.0163998	2.09659
NM_001136086	Dpysl3	0.00939156	2.09926
NM_009142	Cx3cl1	0.0241068	2.10155
NM_025994	Efhd2	0.0104847	2.10755
NM_011340	Serpinf1	0.0430676	2.10918

NM_007569	Btg1	0.0057666	2.11795
NM_029620	Pcolce2	0.0305931	2.11914
NM_024226	Rtn4	0.0207242	2.13092
NM_028623	Cst6	0.0224348	2.14296
NM_031380	Fstl3	0.0168709	2.14422
NM_007542	Bgn	0.0226955	2.15251
NM_146153	Thrap3	3.75E-05	2.1584
NM_020510	Fzd2	0.0238457	2.16551
NM_001081280	Nlrc3	0.0199223	2.18152
NM_008037	Fosl2	0.0349316	2.18341
NM_172863	Zfp697	0.00410926	2.1868
NM_001145937	Odz3	0.00311181	2.18936
NM_175643	Adamts2	0.0471795	2.1961
NM_007755	Cpeb1	0.00743287	2.2015
NM_007737	Col5a2	0.0349654	2.20268
NM_001037723	Adcy7	0.0148318	2.2048
NM_008047	Fstl1	0.00950139	2.21994
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NM_007780	Csf2rb	0.0148951	2.2394
NM_022995	Pmepa1	0.0185868	2.25177
NM_001136079	Ptger4	0.00512675	2.26191
NM_019482	Panx1	0.0379027	2.263
NM_010516	Cyr61	0.0189362	2.27002
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NM_001160378	Fam46a	0.00707141	2.28591
NM_001077361	Fhl1	0.00582684	2.28621
NM_011356	Frzb	0.00885068	2.28665
NM_145358	Camkk2	0.000992931	2.29466
NM_001164433	Mical1	0.0155318	2.3019
NM_009255	Serpine2	0.000738636	2.32091
NM_007542	Bgn	0.0227202	2.32558
NR_002847	Malat1	0.00120669	2.35986
NM_010516	Cyr61	0.00572304	2.40979
NM_008630	Mt2	0.0370624	2.41638
NM_001163481	Fkbp10	0.0258958	2.42991
NM_178740	Slitrk4	0.00691951	2.47566

NM_009367	Tgfb2	0.0263895	2.48076
NM_015776	Mfap5	0.0407546	2.50964
NM_175643	Adamts2	0.0301511	2.5215
NM_010809	Mmp3	0.0281599	2.52905
NM_020510	Fzd2	0.0210461	2.54591
NM_007739	Col8a1	0.00394766	2.54624
NM_015760	Nox4	0.0289113	2.5747
NM_007730	Col12a1	0.0135607	2.59123
NM_026993	Ddah1	0.00393302	2.61456
NM_019687	Slc22a4	0.00891114	2.62652
NM_199473	Col8a2	0.0279717	2.63823
NM_146162	Tmem119	0.018716	2.64641
NM_029981	Adamtsl2	0.0346479	2.65754
NM_145467	Itgbl1	0.0180991	2.67006
NM_008489	Lbp	0.0386686	2.7128
NM_175132	Synpo2l	0.0155483	2.72779
NM_026280	Mxra7	0.0061818	2.73991
NM_009367	Tgfb2	0.0095319	2.74377

NM_007737	Col5a2	0.0329915	2.87415
NM_013586	Lox3	0.0209206	2.91163
NM_010444	Nr4a1	0.0418638	2.93432
NM_001110146	Prg4	0.0045605	2.99719
NM_199222	Lman1l	0.0174616	3.058
NM_010217	Ctgf	0.0085363	3.13847
NM_021443	Ccl8	0.045683	3.20649
NM_016873	Wisp2	0.0146351	3.32207
NM_007739	Col8a1	0.00161066	3.33338
NM_027120	Itgb1bp3	0.0119921	3.40182
NM_001198765	Postn	0.0349655	3.48161
NM_001109914	Apold1	0.0481336	3.66932
NM_173385	Cilp	0.0175155	3.79064
NM_009367	Tgfb2	0.000780175	3.86931
NM_010516	Cyr61	0.0306455	4.04138
NM_008871	Serpine1	0.00773735	4.25023
NM_001044384	Timp1	0.0175882	4.30689
NM_010516	Cyr61	0.0166162	4.41272

NM_010234	Fos	0.0441524	4.55377
NM_080728	Myh7	0.00464255	4.55859
NM_013589	Ltbp2	0.0157405	4.9651
NM_018827	Crlf1	0.0167992	5.17302
NM_009263	Spp1	0.0413696	6.11439
NM_010050	Dio2	0.0210702	6.33331