

Supplementary Table 3 Down-regulated mRNAs in microarray GSE131454

Gene	adj.P.Val	P.Value	t	B	logFC
Dlgap5	0.2167	0.00010586	-10.248781	1.53714	-1.1167555
Plch1	0.2167	0.00013387	-9.7865545	1.38554	-1.0986564
Il6	0.2167	0.00016239	-9.4204706	1.25636	-1.7937684
P2rx7	0.2184	0.00061944	-7.1997065	0.25724	-1.0265856
Mapk4	0.2296	0.0009029	-6.6623424	-0.05404	-1.1067949
Gm7247	0.2296	0.00091062	-6.6505918	-0.06122	-2.8465785
Inpp5a	0.2367	0.00115605	-6.3280736	-0.26459	-1.2850163
Tgfr2	0.2476	0.00139737	-6.0808811	-0.42931	-1.4006253
Cenpw	0.2532	0.00223819	-5.49909	-0.84975	-1.0109497
Ccdc14	0.2563	0.0028513	-5.216895	-1.07149	-1.1503881
Oas1h	0.2563	0.00308587	-5.127071	-1.14466	-1.2047293
Milr1	0.2563	0.0033014	-5.051243	-1.20743	-1.1225327
Clec4n	0.2563	0.00344529	-5.0037394	-1.24723	-1.8626029
Hmgal	0.2563	0.00366932	-4.9341625	-1.30617	-1.7799485
Sgsh	0.2563	0.00367645	-4.9320321	-1.30799	-1.0492711
Cxcl2	0.2563	0.00391431	-4.8634866	-1.36687	-4.7272626
Olfir1509	0.2563	0.00402812	-4.8323702	-1.39385	-1.085113
Hgf	0.2583	0.00416353	-4.7966432	-1.42503	-1.0809624
Smpd4	0.2583	0.00451511	-4.7098043	-1.50172	-1.5572379
Zfp513	0.2583	0.00483314	-4.637715	-1.56635	-1.3943012
Nlrp5	0.2583	0.00504308	-4.5930545	-1.60684	-1.1149739
Tamalin	0.2583	0.00523485	-4.5540897	-1.64245	-1.1258771
Tmem147os	0.2583	0.00524303	-4.5524644	-1.64394	-2.9204656
Plec	0.2583	0.00528351	-4.5444636	-1.65128	-1.1115638
Cdc7	0.2583	0.00551566	-4.4999	-1.6924	-1.6606081
Ccne2	0.2593	0.00583284	-4.4423796	-1.74599	-1.6605313
Trmt1	0.2593	0.00658074	-4.3198681	-1.86207	-1.7057945
Mchr1	0.2593	0.00666077	-4.307711	-1.87374	-1.4346678
Ccl2	0.2595	0.0070657	-4.248666	-1.93076	-3.4388849
4932438H23Rik	0.26	0.00716303	-4.2350495	-1.944	-1.0587788
Ndc80	0.2614	0.00760487	-4.1757924	-2.002	-1.6904625
Kctd18	0.2659	0.00834673	-4.0846402	-2.09246	-1.7070618
Chaf1b	0.2661	0.00843087	-4.0748893	-2.10223	-2.1476862
Sbno2	0.2661	0.00854221	-4.062156	-2.11501	-2.2394079
Cd44	0.2672	0.00870222	-4.0441842	-2.13309	-1.9847049
Nrp2	0.2677	0.00883064	-4.0300298	-2.14738	-2.0202183
Bnip5	0.2691	0.00924995	-3.9854004	-2.19266	-1.0659079
Spice1	0.2698	0.00941904	-3.9680507	-2.21036	-1.1102941
Nfkb2	0.2698	0.00943531	-3.9664004	-2.21205	-1.5264127
Dnmt1	0.2727	0.01025938	-3.8867847	-2.294	-1.1233129
Sult6b2	0.2733	0.01112369	-3.8107381	-2.37335	-1.0256339

Them6	0.2733	0.01127967	-3.7977297	-2.38703	-1.0841643
Clec5a	0.2733	0.01133364	-3.7932763	-2.39172	-1.9809165
Slc37a2	0.2733	0.01134893	-3.7920185	-2.39305	-1.639927
Pi15	0.2735	0.01158683	-3.7726994	-2.41344	-2.0869761
Fto	0.2737	0.01171627	-3.7623762	-2.42437	-1.2393025
Lrrc30	0.274	0.01180373	-3.7554733	-2.43169	-1.0775784
Ngf	0.274	0.01192291	-3.7461598	-2.44157	-1.2018731
Esco2	0.2753	0.01217428	-3.7268584	-2.46211	-1.7230276
Ccnf	0.2766	0.01239443	-3.7103211	-2.47975	-1.8555053
Crisp1	0.2788	0.01294253	-3.6705526	-2.5224	-3.9477054
Ccdc17	0.2805	0.01318609	-3.6534875	-2.54079	-2.057333
Lgals1	0.2811	0.01327594	-3.6472822	-2.54749	-1.449836
Zfp82	0.2817	0.01336505	-3.6411748	-2.55409	-1.0249214
Ccl20	0.2835	0.01377977	-3.6133424	-2.58425	-3.7673725
Gm48337	0.2836	0.0140763	-3.5940155	-2.60528	-1.2813146
Tnfrsf22	0.2837	0.01413488	-3.5902519	-2.60938	-1.411219
Lmna	0.2839	0.01422067	-3.5847716	-2.61536	-1.0812782
Mast2	0.2858	0.01522389	-3.5233254	-2.68276	-1.239894
Col3a1	0.2865	0.01541487	-3.5121458	-2.6951	-1.5649528
Gm49482	0.2865	0.01547876	-3.5084405	-2.69919	-1.6394691
Gm7400	0.2872	0.01567433	-3.4972049	-2.71162	-3.2607537
Spaca7	0.2872	0.01570795	-3.4952893	-2.71374	-1.8872067
Has2	0.2874	0.01578918	-3.49068	-2.71884	-2.982886
Pphln1	0.2884	0.01601	-3.4782832	-2.7326	-1.1779891
Tnfrsf18	0.2898	0.0168006	-3.4354265	-2.78035	-1.3213549
Cd84	0.2898	0.0168241	-3.4341876	-2.78173	-1.3759197
Sntg2	0.2898	0.01688969	-3.4307401	-2.78559	-1.7461233
Nrcam	0.2898	0.01698866	-3.425566	-2.79138	-2.7820868
Ltb4r1	0.2908	0.017224	-3.4133972	-2.80502	-1.1784545
Dscc1	0.2911	0.01740816	-3.4040047	-2.81556	-1.7767323
Nav1	0.2911	0.01744609	-3.4020837	-2.81772	-1.3284824
Tubgcp6	0.2911	0.01749766	-3.3994799	-2.82065	-1.084898
Hesx1	0.2915	0.017675	-3.3905909	-2.83065	-2.916735
Birc7	0.2925	0.01808222	-3.3705525	-2.85325	-1.4652057
Pdlim7	0.2936	0.0184722	-3.3518317	-2.87442	-2.055806
Rab37	0.2938	0.01864583	-3.3436388	-2.88371	-1.3968799
Myc	0.2938	0.01871243	-3.3405188	-2.88725	-1.684058
4930503E14Rik	0.2947	0.01895702	-3.3291665	-2.90014	-2.2096739
Ankrd66	0.2972	0.01975195	-3.2933728	-2.94093	-1.7006867
Clk2	0.2983	0.02021745	-3.2731534	-2.96407	-1.0977907
Dap	0.2983	0.02028647	-3.2701999	-2.96745	-1.0280538
Lcn2	0.2996	0.02072688	-3.2516137	-2.9888	-4.511201
Gm10375	0.3001	0.02083643	-3.2470591	-2.99403	-5.7891703

Trappc9	0.3011	0.02181872	-3.2073765	-3.03982	-3.1330536
Aldh18a1	0.3013	0.02251448	-3.1804564	-3.07104	-1.1194125
Hoxc11	0.3022	0.02337404	-3.1484511	-3.1083	-1.2536327
Homer3	0.3022	0.02354683	-3.1421758	-3.11563	-1.3583188
Fam172a	0.3023	0.02379786	-3.1331495	-3.12618	-1.0739024
AY358078	0.304	0.02424237	-3.1174232	-3.14459	-1.9980143
Gm9597	0.3054	0.02510215	-3.0878947	-3.17927	-2.4926111
Osmr	0.3054	0.02511095	-3.0875985	-3.17961	-1.3974306
Aqp8	0.306	0.02542439	-3.0771162	-3.19196	-2.3121675
Cdkn3	0.3065	0.02555558	-3.0727713	-3.19708	-1.2554613
Has1	0.3067	0.02581578	-3.0642268	-3.20716	-1.032692
Plac8	0.3073	0.02601282	-3.0578195	-3.21473	-1.6840287
Stat3	0.3089	0.02662098	-3.0383782	-3.23773	-1.0503728
Spp1	0.309	0.02665643	-3.0372599	-3.23905	-2.1068383
Nuak2	0.3112	0.02796232	-2.9971848	-3.28665	-1.0066782
Plaur	0.3126	0.02916713	-2.9620075	-3.32863	-2.249188
Krt4	0.314	0.02992252	-2.9407614	-3.35408	-1.2677365
Suv39h2	0.3142	0.03043182	-2.9267682	-3.37088	-1.0789353
Tnfrsf12a	0.3144	0.03078167	-2.9173052	-3.38225	-2.2695144
Il34	0.315	0.03093066	-2.913311	-3.38706	-1.7058051
Pbk	0.316	0.03112274	-2.9081927	-3.39322	-1.8112912
Tafa5	0.3163	0.03121853	-2.9056534	-3.39627	-1.5843374
Sfrp4	0.3163	0.03125339	-2.9047314	-3.39738	-1.9850477
Gsdmc4	0.3164	0.03132998	-2.9027096	-3.39982	-1.6152815
Fgg	0.3167	0.03160992	-2.895366	-3.40867	-2.5487697
Kdelr3	0.3182	0.03209737	-2.8827485	-3.4239	-1.4962087
Cxadr	0.3219	0.03338352	-2.8504433	-3.46298	-1.1268573
Trim40	0.3246	0.03432444	-2.8276648	-3.49063	-1.1711576
Sgo1	0.3256	0.03484546	-2.8153444	-3.50561	-1.7440704
H2bc22	0.3278	0.03647047	-2.778179	-3.55093	-1.9183963
Fn1	0.3283	0.03662245	-2.7747963	-3.55506	-1.7695847
Fstl1	0.3315	0.03817051	-2.7411907	-3.59621	-1.0765094
Pea15a	0.3315	0.03828475	-2.7387702	-3.59918	-1.0988799
1700001F09Rik	0.3317	0.03834208	-2.7375583	-3.60067	-4.9869337
Dtx2	0.3317	0.03836202	-2.7371373	-3.60118	-1.3657479
Olfr166	0.3327	0.03895146	-2.7247988	-3.61633	-1.7017377
Myof	0.3345	0.03979062	-2.7075807	-3.6375	-1.4114916
Grp	0.3353	0.04028241	-2.6976731	-3.6497	-3.8341838
Mt2	0.3353	0.04042216	-2.6948819	-3.65314	-1.7703597
Ccna2	0.3366	0.04097913	-2.6838607	-3.66672	-1.9371533
Gm13669	0.3387	0.0418565	-2.6668266	-3.68775	-1.000326
Rbm3	0.3389	0.04200392	-2.6640027	-3.69124	-1.0635803
Samd4	0.3405	0.04265022	-2.6517482	-3.70639	-1.435103

Npw	0.3416	0.04291403	-2.6468041	-3.71251	-1.1072733
Sema6d	0.3434	0.04374002	-2.6315352	-3.73142	-1.2583199
Syn1	0.3449	0.04442428	-2.6191216	-3.74681	-1.8033381
Adgrg2	0.3452	0.04456429	-2.6166072	-3.74993	-1.0857909
Pkdrej	0.3452	0.04465148	-2.6150457	-3.75187	-1.0613961
Fam219b	0.3456	0.04497022	-2.6093654	-3.75892	-1.1445179
Gbx2	0.3464	0.0456048	-2.5981855	-3.77281	-1.1375366
Sh3bgrl3	0.3469	0.04585838	-2.5937651	-3.7783	-1.2412593
Pnma2	0.3472	0.04600762	-2.5911757	-3.78152	-1.0471924
Tmpo	0.3485	0.0468097	-2.5774144	-3.79864	-1.204487
Tsc22d1	0.3488	0.04702514	-2.5737617	-3.80319	-1.231494
Fancb	0.349	0.0476301	-2.5636007	-3.81585	-1.1216491
Cd200r1	0.3497	0.0479746	-2.5578765	-3.82298	-1.0617788
Noc2l	0.3507	0.04896275	-2.5417011	-3.84316	-1.0854161
