

The differential expression of mRNAs between the CR group and RPD group

	logFC	logCPM	LR	P value	FDR
NEUROD2	-8.79208	3.195313	96.07576	1.11E-22	1.80E-18
MYH7B	-4.75481	4.303034	90.31439	2.03E-21	1.65E-17
NKD1	-5.2319	5.118316	88.05219	6.37E-21	3.46E-17
NOTUM	-6.75168	5.525343	80.56821	2.81E-19	1.14E-15
PTGDR2	-5.66115	1.573493	79.40445	5.06E-19	1.65E-15
SOX17	-4.69641	3.083447	77.99054	1.04E-18	2.81E-15
CNTN2	-5.21218	0.833349	58.90255	1.66E-14	3.86E-11
AGT	-4.70056	2.906945	56.10847	6.86E-14	1.29E-10
GPR83	-4.30657	0.860481	56.04029	7.10E-14	1.29E-10
TPH1	-3.9069	0.899746	54.13322	1.87E-13	3.05E-10
BEST3	-5.65572	1.215589	52.0733	5.35E-13	7.92E-10
CACNA1E	-4.73715	1.733012	51.56425	6.93E-13	9.41E-10
ABHD12B	-4.04849	2.052912	50.32473	1.30E-12	1.63E-09
REG4	-6.28016	1.560985	50.16272	1.42E-12	1.65E-09
ZDHHC19	-4.1233	-0.10284	48.96405	2.61E-12	2.83E-09
NPTX1	-4.75645	3.069228	48.62273	3.10E-12	3.16E-09
TNFRSF11B	-3.62195	2.045023	47.77123	4.79E-12	4.59E-09
SPON1	-3.53181	3.796279	47.56759	5.31E-12	4.81E-09
GALNT8	-4.98782	0.263147	47.45897	5.62E-12	4.82E-09
SLCO1C1	-4.20872	-1.22817	47.22672	6.32E-12	5.15E-09
ASCL5	-4.80359	0.9672	46.72239	8.18E-12	6.24E-09
PNMT	-5.17229	2.448871	46.66437	8.42E-12	6.24E-09
GRM8	-4.08571	1.963993	45.62698	1.43E-11	1.01E-08
AL590560.2	-4.55295	1.246626	44.80668	2.17E-11	1.48E-08
FRMPD1	-4.82987	1.659915	44.68175	2.32E-11	1.51E-08
PCDH18	-3.002	3.550603	44.47859	2.57E-11	1.61E-08
S100A3	-3.42932	4.766161	44.21156	2.95E-11	1.72E-08
CLDN6	-5.63412	1.85964	44.20153	2.96E-11	1.72E-08
WT1	-4.90015	2.78594	42.04766	8.91E-11	5.00E-08
CDHR2	-3.17569	1.473314	40.37624	2.09E-10	1.14E-07
C1orf127	-3.10137	0.392953	40.24323	2.24E-10	1.18E-07
AXIN2	-3.09301	3.706392	39.61583	3.09E-10	1.57E-07
SYN2	-4.50234	2.258821	38.5634	5.30E-10	2.62E-07
MSX1	-3.03715	3.292307	37.36223	9.81E-10	4.62E-07
ETV1	-2.44679	2.775011	37.3376	9.94E-10	4.62E-07
TCAP	-2.82015	0.926812	37.04434	1.15E-09	5.22E-07
KCNH8	-3.88992	-0.39068	36.08384	1.89E-09	8.32E-07
KRT81	-4.03809	5.850961	35.5597	2.47E-09	1.06E-06
PKHD1L1	-3.32257	1.263615	35.44263	2.63E-09	1.10E-06
MT1A	-4.0479	-0.17575	34.57527	4.10E-09	1.67E-06
TXNDC2	-3.65786	-0.84442	34.31838	4.68E-09	1.86E-06

SOX10	-3.11158	-1.5674	34.14288	5.12E-09	1.99E-06
DOK6	-2.76392	-0.56736	33.82922	6.02E-09	2.24E-06
C17orf64	-3.82805	-0.56012	33.81666	6.06E-09	2.24E-06
DUSP4	-2.176	5.018766	33.58175	6.83E-09	2.47E-06
FGF9	-5.0093	2.256952	33.44441	7.33E-09	2.60E-06
OPRD1	-3.14727	-0.17955	33.37116	7.61E-09	2.64E-06
SLC12A1	-3.23267	-2.34644	33.26184	8.05E-09	2.73E-06
NKAIN3	-3.18328	-0.99562	33.10341	8.74E-09	2.90E-06
MUC6	-5.89202	7.976554	32.90135	9.70E-09	3.16E-06
PTPRO	-2.84433	2.906351	32.57996	1.14E-08	3.64E-06
FAM189A1	-4.44121	3.18669	32.54136	1.17E-08	3.64E-06
SLC8A3	-3.28861	-1.23556	32.5102	1.19E-08	3.64E-06
CCL25	-3.93971	-0.26554	32.33486	1.30E-08	3.91E-06
ADAMTS18	-4.96391	2.120122	32.18324	1.40E-08	4.16E-06
ZNF677	-2.39682	0.759154	31.99122	1.55E-08	4.50E-06
NPIP13	-2.4815	-1.70357	31.9238	1.60E-08	4.55E-06
PROX1	-3.71836	2.093379	31.89226	1.63E-08	4.55E-06
FCAR	-3.6416	0.214759	31.86973	1.65E-08	4.55E-06
VSIG8	-5.02868	1.07246	31.75913	1.75E-08	4.74E-06
TBX10	-4.18117	-0.19163	31.50112	1.99E-08	5.32E-06
STARD3	-2.26911	7.515616	30.76924	2.91E-08	7.64E-06
LIN7A	-2.78249	0.839192	30.69874	3.01E-08	7.79E-06
PRUNE2	-2.42287	2.09159	30.39895	3.52E-08	8.95E-06
SPRY4	-1.92274	4.505065	30.02471	4.27E-08	1.07E-05
MEOX2	-2.61356	-1.75356	29.80857	4.77E-08	1.18E-05
PADI4	-2.67184	-1.0886	29.77009	4.86E-08	1.18E-05
C7	-3.49399	1.071949	29.52886	5.51E-08	1.32E-05
DDIT4L	-3.57153	1.982678	29.38545	5.93E-08	1.40E-05
SPRY1	-1.71397	4.050054	29.27866	6.27E-08	1.46E-05
RXRG	-3.6407	-1.26474	29.13594	6.75E-08	1.55E-05
MIEN1	-2.32821	6.681929	28.72132	8.36E-08	1.87E-05
FGD5	-1.86525	3.46706	28.71941	8.37E-08	1.87E-05
FREM1	-3.31883	1.274968	28.59147	8.94E-08	1.95E-05
SLC4A10	-2.97794	-1.89487	28.58347	8.97E-08	1.95E-05
DNAH9	-3.65989	1.711908	28.37478	1.00E-07	2.14E-05
CDH17	-3.34577	1.195612	28.2733	1.05E-07	2.21E-05
IL23A	-2.43303	2.998367	28.2682	1.06E-07	2.21E-05
RSPO1	-3.28696	0.372819	28.14721	1.12E-07	2.32E-05
GRB7	-1.96621	7.402543	28.03331	1.19E-07	2.43E-05
NFE2	-2.70353	2.010834	27.98583	1.22E-07	2.46E-05
ADAMTSL1	-2.7473	1.421713	27.85145	1.31E-07	2.60E-05
MFAP4	-2.57003	4.567863	27.76591	1.37E-07	2.69E-05
PI16	-2.99664	-0.19233	27.4785	1.59E-07	3.08E-05

NODAL	-2.46402	-1.48435	27.41906	1.64E-07	3.14E-05
SMAD9	-2.2903	2.788223	27.01136	2.02E-07	3.83E-05
ST6GAL2	-3.30885	1.397538	26.86228	2.18E-07	4.09E-05
MANSC4	-2.75062	-2.29531	26.69659	2.38E-07	4.41E-05
RCOR2	-2.37313	3.144812	26.64534	2.44E-07	4.47E-05
EMX2	-3.3251	2.706122	26.62468	2.47E-07	4.47E-05
MSX2	-2.9421	3.019512	26.59802	2.51E-07	4.48E-05
GRAMD1B	-2.56968	4.378296	26.27743	2.96E-07	5.24E-05
ZNF418	-2.44775	-0.17376	26.16489	3.13E-07	5.49E-05
SHH	-4.18217	2.9212	26.09497	3.25E-07	5.63E-05
KCNE3	-1.94949	2.704207	25.99983	3.41E-07	5.85E-05
RIMBP2	-3.68381	2.324414	25.95439	3.50E-07	5.93E-05
CLDN5	-2.48387	3.551141	25.75495	3.88E-07	6.49E-05
PCDHGB5	-2.46337	-1.20138	25.74147	3.90E-07	6.49E-05
CLIC5	-2.66396	3.533346	25.55704	4.29E-07	7.07E-05
WSCD1	-3.24751	1.916331	25.44372	4.55E-07	7.37E-05
ZNF208	-2.61741	-1.76896	25.43836	4.57E-07	7.37E-05
PCDH10	-3.49313	-0.62497	25.31842	4.86E-07	7.76E-05
ITGA9	-2.04367	2.640962	25.18902	5.20E-07	8.18E-05
LCN12	-2.50461	1.710289	25.18051	5.22E-07	8.18E-05
POSTN	-2.41034	5.752228	25.11905	5.39E-07	8.36E-05
BMP4	-2.59008	3.867025	25.04832	5.59E-07	8.55E-05
ACSS3	-2.67058	1.195886	25.03872	5.62E-07	8.55E-05
EBF2	-3.56642	-0.23667	24.9818	5.79E-07	8.73E-05
ODC1	-2.0361	7.66924	24.93309	5.94E-07	8.83E-05
ST8SIA2	-3.22152	0.027038	24.92474	5.96E-07	8.83E-05
SEC61G	-1.47903	6.594637	24.62042	6.98E-07	0.000102
AVPR2	-2.17011	0.302674	24.5343	7.30E-07	0.000106
PTPRD	-2.85589	0.438954	24.51077	7.39E-07	0.000107
C4orf36	-2.32498	-2.14016	24.38149	7.90E-07	0.000113
PTX3	-2.95621	0.554953	24.29395	8.27E-07	0.000117
KCNK3	-3.37821	3.015212	24.22449	8.57E-07	0.00012
SUSD2	-2.23527	4.030216	24.0201	9.53E-07	0.000133
MICU3	-2.41407	-0.12752	23.91749	1.01E-06	0.000139
SCN7A	-2.76139	-2.51821	23.75635	1.09E-06	0.000149
CSDC2	-2.18228	0.05459	23.74688	1.10E-06	0.000149
FBXL7	-1.89292	2.03463	23.57611	1.20E-06	0.000162
SAXO1	-2.25589	-2.49641	23.50608	1.25E-06	0.000166
CLDN18	-3.09373	0.925787	23.40439	1.31E-06	0.000174
B3GALT2	-2.68367	-1.06161	23.12852	1.52E-06	0.000199
FAIM2	-2.64415	1.864528	23.09804	1.54E-06	0.000201
SCN5A	-2.71181	1.012176	22.67464	1.92E-06	0.000248
KCNMA1	-1.92655	3.061794	22.54922	2.05E-06	0.000263

C6orf58	-2.20138	-2.44985	22.53324	2.07E-06	0.000263
NXPH3	-1.99691	1.397318	22.44761	2.16E-06	0.000273
ALPK2	-2.849	1.778781	22.37553	2.24E-06	0.000281
FGF18	-2.68148	0.284884	22.17384	2.49E-06	0.000308
MYLK3	-2.14986	-1.35068	22.17203	2.49E-06	0.000308
UNC45B	-2.99748	-1.71379	21.99172	2.74E-06	0.000335
ZNF331	-1.91017	5.312836	21.90641	2.86E-06	0.000348
STAC2	-2.92079	0.776058	21.8673	2.92E-06	0.000353
TSPAN32	-2.21435	1.60827	21.81449	3.00E-06	0.00036
TCF4	-1.58075	5.76793	21.74641	3.11E-06	0.000368
TMEM178A	-2.72475	1.63174	21.73065	3.14E-06	0.000368
PGAP3	-2.11952	6.986613	21.7283	3.14E-06	0.000368
IL17C	-3.07952	-0.80651	21.67609	3.23E-06	0.000376
GPR88	-2.32737	-2.60643	21.64794	3.28E-06	0.000378
SERPINI1	-1.68053	2.647336	21.5301	3.48E-06	0.0004
CASR	-2.40836	-2.59194	21.48802	3.56E-06	0.000406
COL11A2	-2.33903	2.624288	21.47379	3.59E-06	0.000406
IGFBPL1	-2.8744	4.699049	21.39165	3.74E-06	0.000421
PLCD4	-2.51414	-1.0725	21.26114	4.01E-06	0.000447
TUBB2B	-3.22144	3.983268	20.90361	4.83E-06	0.000535
SCN3B	-2.45698	1.610844	20.84793	4.97E-06	0.000547
ASPSR1	-1.47378	5.884368	20.82575	5.03E-06	0.00055
PDE3A	-2.68118	3.516535	20.79668	5.11E-06	0.000555
TMEM100	-3.45516	1.631975	20.66653	5.47E-06	0.00059
MXRA8	-1.66209	5.253508	20.62717	5.58E-06	0.000595
FOLR3	-3.35261	0.460348	20.62529	5.59E-06	0.000595
GABRB3	-3.62432	1.625211	20.57146	5.74E-06	0.000608
H6PD	-1.07482	7.06891	20.4293	6.19E-06	0.00065
LGR6	-2.51792	2.412335	20.34427	6.47E-06	0.000675
DIRAS2	-4.09778	2.146315	20.31163	6.58E-06	0.000683
AP2A2	-1.12221	6.48625	20.23571	6.85E-06	0.000706
ZNF423	-1.93363	1.343678	20.20296	6.96E-06	0.000713
SLC35D3	-3.20896	-1.21853	20.12836	7.24E-06	0.000737
CHGB	-3.45254	1.776767	19.88391	8.23E-06	0.000831
EGFR	-1.99477	8.575537	19.87628	8.26E-06	0.000831
LRRC55	-2.62054	-0.30694	19.84822	8.38E-06	0.000838
GABRA3	-2.7601	2.97998	19.78952	8.65E-06	0.000859
ETV5	-1.85767	4.531556	19.63866	9.36E-06	0.000924
ALOX12B	4.032501	3.145447	19.45293	1.03E-05	0.001012
LDB2	-1.54698	2.478368	19.4317	1.04E-05	0.001017
ABCA8	-2.32123	-0.03321	19.16503	1.20E-05	0.001162
SEMA3E	-3.06421	0.423584	19.14919	1.21E-05	0.001165
LEF1	-1.80545	3.675559	19.1212	1.23E-05	0.001175

POU3F2	-3.68173	2.297383	19.03576	1.28E-05	0.001222
ZNF135	-2.2589	0.299312	18.9286	1.36E-05	0.001285
AOC3	-1.56865	2.315952	18.82896	1.43E-05	0.001331
PPEF1	-2.23045	-0.80306	18.82739	1.43E-05	0.001331
DIRAS3	-2.03589	0.745435	18.82353	1.43E-05	0.001331
NR2F1	-2.17486	4.109457	18.81786	1.44E-05	0.001331
PDE5A	-1.74566	4.141566	18.78403	1.46E-05	0.001347
TBX2	-1.68456	3.041991	18.63399	1.58E-05	0.001449
GALNTL6	-3.19936	0.173144	18.619	1.60E-05	0.001453
TMEM98	-1.6745	5.044323	18.42288	1.77E-05	0.001601
F10	-2.1629	0.559708	18.35292	1.84E-05	0.001652
TNS2	-1.07572	5.001265	18.25626	1.93E-05	0.001728
ADCYAP1R1	-2.28476	-0.98931	18.13949	2.05E-05	0.001827
ERBB2	-2.00184	9.568147	18.05338	2.15E-05	0.001902
SGCD	-2.07869	1.251346	18.03658	2.17E-05	0.001908
CASQ2	-2.40359	-1.14241	17.9891	2.22E-05	0.001946
NECAB1	-2.2036	-0.36342	17.86317	2.37E-05	0.002068
KCNA2	-2.62371	0.55914	17.81949	2.43E-05	0.002104
MTUS2	-2.51674	0.580979	17.69915	2.59E-05	0.00223
BMP6	-2.05754	2.22957	17.45338	2.94E-05	0.002524
LRRC7	-1.68217	0.232484	17.42043	3.00E-05	0.002555
TVP23A	-1.48721	0.70281	17.3772	3.06E-05	0.0026
DACH1	-2.32228	2.381529	17.33844	3.13E-05	0.00264
LRRC66	-1.99823	-0.92344	17.19479	3.37E-05	0.002833
FBN1	-1.62591	5.061912	17.13521	3.48E-05	0.002903
TNF	-1.71609	2.951662	17.12896	3.49E-05	0.002903
SPRY2	-1.3634	3.82059	17.0597	3.62E-05	0.002995
CHRM5	-1.76434	-2.37534	17.03309	3.67E-05	0.003022
IGFL4	-2.95502	-0.0317	17.0014	3.74E-05	0.003057
TNNC1	-2.46593	1.741329	16.85571	4.03E-05	0.003285
KCNQ1	-1.90116	4.542486	16.82605	4.10E-05	0.003309
CABP7	-1.72981	-1.14023	16.82266	4.10E-05	0.003309
RSPO3	-2.5947	1.771784	16.77369	4.21E-05	0.003379
SPARCL1	-1.55164	6.210191	16.72751	4.32E-05	0.003445
ALPL	-2.22896	5.035609	16.70836	4.36E-05	0.003463
ADRA2C	-2.21064	2.985489	16.61579	4.58E-05	0.0036
PROK2	-2.38643	-0.90721	16.60765	4.60E-05	0.0036
PPP1R14A	-1.84129	1.885252	16.60722	4.60E-05	0.0036
CADM1	-1.94613	4.379401	16.48863	4.89E-05	0.003814
CADPS2	-1.22057	4.76649	16.40216	5.12E-05	0.003973
DKK4	-3.18781	0.917183	16.37435	5.20E-05	0.004005
GJB1	-3.54046	2.875612	16.36936	5.21E-05	0.004005
CDH2	-2.35026	2.418585	16.22899	5.61E-05	0.004292

IGFALS	-2.64848	1.488214	16.10726	5.99E-05	0.004556
TESC	-3.0089	5.018054	15.97502	6.42E-05	0.004863
CD177	4.517534	4.044682	15.92865	6.58E-05	0.00496
GRIK3	-2.37612	0.597451	15.88507	6.73E-05	0.005052
TMEM158	-1.95887	3.418845	15.87318	6.77E-05	0.005061
GRIK5	-1.83493	1.017916	15.82877	6.93E-05	0.005157
TMEM233	-1.84852	-1.0295	15.76027	7.19E-05	0.005307
RASL11B	-2.21631	-1.21317	15.75739	7.20E-05	0.005307
TET1	-1.91099	1.02034	15.60415	7.81E-05	0.005729
CAVIN2	-2.28721	3.144025	15.58912	7.87E-05	0.005749
PRKG1	-1.67737	1.127681	15.55785	8.00E-05	0.005819
CDHR5	-3.04852	1.706208	15.4001	8.70E-05	0.006281
INHBE	-2.13344	-1.2034	15.39654	8.71E-05	0.006281
NPFFR1	-2.05246	0.662347	15.36038	8.88E-05	0.006374
SLC26A7	-2.14012	-0.97085	15.25438	9.40E-05	0.006706
TNN	-2.27283	0.117149	15.24796	9.43E-05	0.006706
GRIK2	-2.50282	-0.41959	15.23778	9.48E-05	0.006711
SCX	-1.63123	2.211807	15.22216	9.56E-05	0.006711
DDAH2	-1.29804	6.414622	15.22204	9.56E-05	0.006711
AQP6	-2.77586	1.248511	15.17135	9.82E-05	0.006864
NPAS3	-2.04674	-0.14929	15.13903	9.99E-05	0.006953
PRSS35	-2.27079	-1.9241	15.11976	0.000101	0.006968
KRT83	-2.73544	-0.21397	15.11659	0.000101	0.006968
LTB	-1.48558	4.38827	15.11083	0.000101	0.006968
CLDN2	-3.33065	3.580556	15.09935	0.000102	0.006981
MT1F	-1.32161	3.444876	15.09042	0.000102	0.006985
PLK5	3.13148	-0.61598	15.0664	0.000104	0.007038
EPHA7	-2.72301	-0.21011	15.06032	0.000104	0.007038
LYG2	-2.09145	-1.53496	14.95855	0.00011	0.007391
DACT1	-1.75793	1.29076	14.95108	0.00011	0.007391
CKMT2	-1.54893	-0.11032	14.94463	0.000111	0.007391
ATP10B	2.657699	4.523175	14.77315	0.000121	0.008061
ETV4	-1.91905	4.796525	14.74032	0.000123	0.00817
SMOC2	-2.01763	4.186992	14.72694	0.000124	0.008195
AKR1C1	3.700225	6.503761	14.68482	0.000127	0.008346
KRT34	5.515348	2.460805	14.63024	0.000131	0.008557
TNNI1	-1.51603	2.080483	14.59514	0.000133	0.008683
BAMBI	-1.90196	4.287185	14.55355	0.000136	0.008841
SH2D6	-2.32215	-2.22881	14.48273	0.000141	0.009143
REEP6	1.609107	3.900228	14.38617	0.000149	0.009586
STC1	-2.14032	5.541402	14.19763	0.000165	0.010554
IQCH	-1.46772	1.835901	14.1708	0.000167	0.010664
CHGA	-2.70133	0.355852	14.11074	0.000172	0.010967

HUNK	-1.9032	3.948854	14.09841	0.000173	0.010996
CROCC2	-2.65848	-1.63641	14.06768	0.000176	0.011134
TDRD12	3.767056	1.067241	14.05451	0.000178	0.011149
PDE6A	-2.1798	-0.35132	14.05055	0.000178	0.011149
ALDH1A2	-1.98917	2.603508	13.99428	0.000183	0.011421
MOXD1	-2.29246	4.988422	13.99084	0.000184	0.011421
SOBP	-2.08311	2.449178	13.96424	0.000186	0.01154
ZNF578	-2.25505	-0.60809	13.93134	0.00019	0.011699
CDC20B	4.705956	0.098509	13.87019	0.000196	0.01204
MYLPF	-1.96935	-0.12106	13.82425	0.000201	0.012292
CALHM1	-1.77105	-2.50391	13.80795	0.000202	0.012353
RLN1	5.466818	1.9986	13.78901	0.000205	0.012353
KIR2DL3	-2.70406	-1.16539	13.78698	0.000205	0.012353
NKX2-8	3.004224	1.268162	13.75498	0.000208	0.012511
FAM149A	-1.97513	2.643699	13.74923	0.000209	0.012511
KIR3DL1	-2.74035	-0.42973	13.74189	0.00021	0.012514
CYP4F8	4.787757	1.349931	13.72381	0.000212	0.012588
WSCD2	-2.23288	-1.11393	13.68359	0.000216	0.012814
ASPRV1	2.725971	3.013685	13.66059	0.000219	0.012882
INPP1	1.499948	6.437979	13.65544	0.00022	0.012882
MYO15A	-1.57293	0.620642	13.65329	0.00022	0.012882
P4HA3	-1.59219	1.854171	13.62611	0.000223	0.013023
THEMIS	-1.86144	1.761201	13.61566	0.000224	0.013042
ERVMER34-1	-1.67159	3.839876	13.60997	0.000225	0.013042
CLIC2	2.008846	4.448011	13.51824	0.000236	0.013647
CST1	-2.63728	0.129727	13.44442	0.000246	0.014144
OTOP3	3.930081	0.320583	13.37047	0.000256	0.01461
CALB1	4.929229	3.954722	13.35707	0.000257	0.014663
CYTL1	-1.73287	-0.49816	13.35019	0.000258	0.014666
ALOXE3	2.946286	2.557349	13.27422	0.000269	0.015219
ITGA10	-1.48647	1.202148	13.26504	0.00027	0.015241
CATIP	-2.10973	-1.85226	13.21083	0.000278	0.015634
FOXB1	-2.80091	0.501652	13.16792	0.000285	0.015932
LTF	4.589263	8.252586	13.16252	0.000286	0.015932
CAMP	2.998922	-1.12545	13.14809	0.000288	0.016001
PTCHD4	-1.96721	-0.05659	13.11713	0.000293	0.016212
PDE4D	-1.60979	5.030721	13.05224	0.000303	0.01667
SLC9A3R2	-1.17245	5.996256	13.00165	0.000311	0.016971
CERS4	1.306345	5.490123	13.00064	0.000311	0.016971
MLLT11	-1.56778	3.037363	12.99782	0.000312	0.016971
NOS2	4.254773	3.720086	12.99355	0.000313	0.016971
MYL9	-1.25641	6.54845	12.97217	0.000316	0.017109
TAGLN3	-2.76232	-0.4993	12.94874	0.00032	0.017267

CPXM2	-1.5665	2.385507	12.93804	0.000322	0.017309
C8orf34	-2.74598	-0.44365	12.92944	0.000323	0.017331
DHRS9	2.564466	2.231337	12.90574	0.000328	0.017495
G0S2	-2.0948	5.580134	12.88642	0.000331	0.017618
MLXIPL	-2.21565	1.843937	12.82671	0.000342	0.018106
NRCAM	-2.27314	4.001659	12.82314	0.000342	0.018106
SEZ6	-2.00072	-2.19922	12.79176	0.000348	0.018353
GJC2	-1.54136	1.702178	12.76378	0.000353	0.018569
COL3A1	-1.60353	9.714214	12.71356	0.000363	0.019013
NRG1	2.762244	3.563863	12.64842	0.000376	0.019624
CSRNP3	-2.05715	1.860484	12.61021	0.000384	0.019965
CNTN1	-2.29377	4.159097	12.59223	0.000387	0.020094
ALDH3A1	2.918834	6.600538	12.58241	0.000389	0.020129
SORBS1	-1.30464	3.380002	12.57713	0.00039	0.020129
ZIK1	-1.49891	0.352838	12.56279	0.000394	0.02022
CXCR4	-1.28427	5.19673	12.54708	0.000397	0.020327
ALX4	3.86257	0.587301	12.52577	0.000401	0.020445
CDH5	-1.24824	4.156199	12.52453	0.000402	0.020445
LHX9	-3.00983	2.841019	12.51804	0.000403	0.020452
SLC16A4	-1.71208	2.20742	12.48896	0.000409	0.020657
BRSK1	-1.60279	1.58041	12.48779	0.00041	0.020657
DYNC1I1	-2.33056	1.575375	12.47425	0.000413	0.020743
MYOM2	2.449403	1.253549	12.46701	0.000414	0.02076
MYMX	-1.88855	-1.75422	12.4088	0.000427	0.021279
CPA2	-2.33408	-2.02827	12.40772	0.000428	0.021279
SP5	-2.52585	2.83791	12.40371	0.000428	0.021279
TMEM163	-1.82788	0.994387	12.38452	0.000433	0.021411
UNC5CL	-1.43885	1.86793	12.3808	0.000434	0.021411
SHISAL1	-1.87684	2.125941	12.37495	0.000435	0.021414
LSAMP	-1.74744	1.096399	12.36076	0.000438	0.021512
GYG2	-2.10693	3.215092	12.34764	0.000442	0.021599
TEX38	-1.7142	-2.95215	12.34048	0.000443	0.021617
KIF5C	-1.57028	1.491142	12.30997	0.000451	0.021907
UGT1A6	3.706599	-0.07147	12.26928	0.00046	0.022323
NACAD	-1.66762	1.508076	12.25557	0.000464	0.022396
NKD2	-1.70268	3.198693	12.25218	0.000465	0.022396
LRMDA	-1.11935	2.315956	12.23849	0.000468	0.022494
IGFBP6	2.277256	5.050973	12.22197	0.000472	0.022551
ZSCAN18	-1.69824	2.196712	12.22101	0.000473	0.022551
ADGRG2	-2.24998	2.438617	12.21731	0.000473	0.022551
ATL1	-1.16213	2.389168	12.16332	0.000487	0.023146
SIX2	-1.77923	5.0384	12.06738	0.000513	0.024297
NDST3	-1.91096	-2.10133	12.01709	0.000527	0.024889



LIMS2	-1.25042	3.486242	11.97591	0.000539	0.025372
PALD1	-1.012	3.58561	11.89209	0.000564	0.026463
CLMP	-1.83824	4.09256	11.85806	0.000574	0.026873
NEB	-1.44034	1.67824	11.82143	0.000586	0.027329
LGALS9C	2.374346	1.118799	11.79854	0.000593	0.027588
LRRC36	-1.35036	-0.55025	11.74828	0.000609	0.028262
ANKUB1	3.452701	-0.81898	11.64662	0.000643	0.029764
ARX	4.993302	1.331262	11.63919	0.000646	0.029799
APOBEC3B	1.237766	4.394621	11.61689	0.000654	0.030073
SLC4A11	1.375459	5.438075	11.59415	0.000662	0.030357
PNMA5	6.013016	3.857318	11.50394	0.000694	0.031688
KLK13	3.819289	6.748684	11.49567	0.000698	0.03174
BEX5	-2.15199	1.443342	11.42004	0.000727	0.032966
SLIT3	-1.48663	2.546754	11.40943	0.000731	0.033063
CXCL8	-1.96075	7.0575	11.39898	0.000735	0.033158
ZNF660	-1.48464	-0.05951	11.38058	0.000742	0.033302
IER3	-1.15637	5.35855	11.3766	0.000744	0.033302
ANO7	-1.24471	1.095311	11.37554	0.000744	0.033302
ATF3	1.946153	6.716578	11.34905	0.000755	0.033688
TAT	5.620987	1.64846	11.34226	0.000758	0.033719
PLA2G2A	5.93404	4.643764	11.32387	0.000765	0.033961
LINC00514	-1.91129	1.721925	11.31142	0.00077	0.034005
PKD1L3	-1.57714	-2.3299	11.3034	0.000774	0.034059
AP1S2	-1.01006	4.49653	11.29831	0.000776	0.034061
ROR1	-1.649	1.653072	11.27657	0.000785	0.034337
CABLES1	-1.32721	3.767487	11.27334	0.000786	0.034337
IFI6	1.75954	8.918045	11.2679	0.000789	0.034346
HES6	-1.46491	4.536612	11.19841	0.000819	0.035561
EFR3B	-1.64034	1.654489	11.19287	0.000821	0.035573
MYO18B	-2.48611	-0.07086	11.17603	0.000829	0.035802
BAIAP2L2	-1.5722	4.348588	11.1405	0.000845	0.03634
ADAMTS14	-1.28902	2.452675	11.13705	0.000846	0.03634
SFTPB	3.666844	1.269393	11.12961	0.00085	0.03634
TRHDE	-2.3383	-0.8448	11.12876	0.00085	0.03634
CYP26A1	3.975066	0.046442	11.11957	0.000854	0.036425
ENC1	-1.15775	5.307103	11.11131	0.000858	0.036492
INSM1	-3.42009	2.295929	11.10141	0.000863	0.036592
DENND2A	-1.42093	2.043912	11.08329	0.000871	0.036774
WNT9B	3.143959	-0.90792	11.0792	0.000873	0.036774
ANGPTL1	-1.96052	-0.633	11.05394	0.000885	0.037154
DCHS1	-1.16303	3.439401	11.03361	0.000895	0.037467
TIMP1	-1.20554	7.838922	10.99621	0.000913	0.038132
TNFSF11	-2.02612	1.440591	10.93988	0.000941	0.039209

GPR15	-2.17177	0.764921	10.93126	0.000946	0.039291
TWIST1	-1.63588	2.329753	10.91265	0.000955	0.039587
SLC52A1	1.872481	3.667372	10.88884	0.000967	0.039997
PCOLCE	-1.09751	4.677672	10.8549	0.000985	0.040634
NFATC4	-1.39145	4.498796	10.77892	0.001027	0.042229
REELD1	-1.49033	-2.15367	10.69955	0.001072	0.043969
FMOD	-1.40887	4.989519	10.67428	0.001086	0.044461
GPIHBP1	-1.65872	-1.50315	10.66607	0.001091	0.044547
SLC1A2	-1.76451	0.684123	10.6546	0.001098	0.044712
WNT16	-1.96967	-0.41438	10.62197	0.001118	0.045382
SLC22A1	2.168058	0.301297	10.61714	0.00112	0.045382
KRT84	4.324126	0.350519	10.61329	0.001123	0.045382
C2	-1.34018	4.835795	10.60477	0.001128	0.045479
PCCA	-1.05104	4.288167	10.58566	0.00114	0.045838
MCHR1	-1.4612	-1.89265	10.56379	0.001153	0.046269
HIPK4	-1.39658	-2.66215	10.48162	0.001206	0.048254
TGFBR3L	2.071176	-1.14322	10.47658	0.001209	0.048267
AKR1C2	3.234903	7.168481	10.4645	0.001217	0.048465
DUSP15	-1.71735	0.172373	10.45462	0.001223	0.048606
TUBB4A	-1.80803	-0.71068	10.44239	0.001232	0.048693
STK33	-2.06874	0.714578	10.44232	0.001232	0.048693
HTR1F	3.600139	-0.08401	10.41949	0.001247	0.04918
BCAT1	-1.88375	5.411721	10.40382	0.001258	0.04936

CR, complete response; RPD, radiographic progressive disease.