

Table S7: CMH-associated mRNAs in the microarray dataset that were core-enriched in the ranked list of the RNA-seq dataset

gene	gene ID	mRNAs higher expressed with CMH that were positively core-enriched in the ranked list		mRNAs lower expressed with CMH that were negatively core-enriched in the ranked list	
		definition A	definition B	definition A	definition B
AIG1	ENSG00000146416	yes	no	no	no
LRRC8B	ENSG00000197147	yes	yes	no	no
ROD1	ENSG00000119314	yes	yes	no	no
OSBPL3	ENSG00000070882	yes	no	no	no
RC3H1	ENSG00000135870	yes	yes	no	no
RQCD1	ENSG00000144580	no	no	no	no
LIAS	ENSG00000121897	yes	yes	no	no
USP46	ENSG00000109189	yes	yes	no	no
MTF1	ENSG00000188786	yes	no	no	no
CSNK1A1	ENSG00000113712	yes	yes	no	no
ZDHHC13	ENSG00000177054	yes	yes	no	no
MARVELD2	ENSG00000274671	no	no	no	no
FAM60A	ENSG00000139146	yes	yes	no	no
NEBL	ENSG00000078114	yes	yes	no	no
HNRNPF	ENSG00000169813	yes	no	no	no
WDR45L	ENSG00000141580	yes	no	no	no
ADAT1	ENSG00000065457	yes	yes	no	no
SRI	ENSG00000075142	yes	no	no	no
SS18	ENSG00000141380	yes	no	no	no
TTC39C	ENSG00000168234	no	no	no	no
LRBA	ENSG00000198589	yes	yes	no	no
WDR51B	ENSG00000139323	yes	yes	no	no
TMEM14B	ENSG00000137210	yes	no	no	no
KATNA1	ENSG00000186625	no	no	no	no
NFX1	ENSG00000086102	no	no	no	no
GTF2E2	ENSG00000197265	yes	yes	no	no
USP6NL	ENSG00000148429	yes	yes	no	no
POLR2H	ENSG00000163882	yes	no	no	no

AZIN1	ENSG00000155096	yes	no	no	no
FANCF	ENSG00000183161	yes	no	no	no
DYRK1A	ENSG00000157540	yes	yes	no	no
C3orf52	ENSG00000114529	yes	no	no	no
SAT1	ENSG00000130066	yes	no	no	no
IDH3A	ENSG00000166411	yes	yes	no	no
PRDM4	ENSG00000110851	yes	yes	no	no
B3GNT5	ENSG00000176597	yes	no	no	no
FLJ11506	ENSG00000103591	yes	yes	no	no
INPP4B	ENSG00000109452	yes	yes	no	no
CSNK2A1	ENSG00000101266	yes	yes	no	no
RAB28	ENSG00000157869	yes	no	no	no
KIAA0232	ENSG00000170871	yes	no	no	no
C11orf30	ENSG00000158636	yes	yes	no	no
COMMD2	ENSG00000114744	yes	no	no	no
SNX24	ENSG00000064652	no	no	no	no
MRP63	ENSG00000173141	yes	yes	no	no
NUP153	ENSG00000124789	no	yes	no	no
WDR33	ENSG00000136709	yes	yes	no	no
GFM2	ENSG00000164347	yes	no	no	no
SMG7	ENSG00000116698	no	no	no	no
LOC100133333	N.A.	N.A.	N.A.	N.A.	N.A.
CXorf39	ENSG00000123575	yes	yes	no	no
C17orf75	ENSG00000108666	no	no	no	no
H2AFY	ENSG00000113648	yes	yes	no	no
LARP5	ENSG00000107929	yes	no	no	no
MAP3K7IP3	ENSG00000157625	yes	yes	no	no
MAL2	ENSG00000147676	yes	yes	no	no
DNAJC16	ENSG00000116138	no	no	no	no
CDS1	ENSG00000163624	yes	no	no	no
PPP4R1	ENSG00000154845	yes	yes	no	no
LCOR	ENSG00000196233	yes	yes	no	no
DAPP1	ENSG00000070190	yes	no	no	no

DAZAP2	ENSG00000183283	no	no	no	no
SEMA3A	ENSG00000075213	yes	yes	no	no
TRIM37	ENSG00000108395	no	no	no	no
UBL3	ENSG00000122042	yes	yes	no	no
PGM2L1	ENSG00000165434	yes	no	no	no
CSTB	ENSG00000160213	yes	yes	no	no
CNOT7	ENSG00000198791	yes	yes	no	no
MRPS21	ENSG00000266472	yes	no	no	no
ERLIN1	ENSG00000107566	yes	yes	no	no
LOC100133422	N.A.	N.A.	N.A.	N.A.	N.A.
AMPD3	ENSG00000133805	yes	no	no	no
EIF5	ENSG00000100664	yes	yes	no	no
MUC15	ENSG00000169550	yes	no	no	no
TC2N	ENSG00000165929	yes	yes	no	no
MRPS31	ENSG00000102738	yes	no	no	no
USP42	ENSG00000106346	yes	no	no	no
PEX13	ENSG00000162928	yes	yes	no	no
PIGU	ENSG00000101464	yes	yes	no	no
DPY30	ENSG00000162961	yes	no	no	no
KIAA1279	ENSG00000198954	yes	yes	no	no
CAST	ENSG00000153113	yes	yes	no	no
C10orf57	ENSG00000133678	yes	no	no	no
TRIM2	ENSG00000109654	yes	no	no	no
LGALS3	ENSG00000131981	yes	yes	no	no
RAB2B	ENSG00000129472	no	yes	no	no
C9orf6	ENSG00000119328	yes	no	no	no
DAP3	ENSG00000132676	no	yes	no	no
IPMK	ENSG00000151151	yes	yes	no	no
ELF1	ENSG00000120690	yes	yes	no	no
IMPA1	ENSG00000133731	yes	yes	no	no
DOPEY1	ENSG00000083097	no	yes	no	no
TDP1	ENSG00000042088	yes	no	no	no
UTX	ENSG00000147050	no	yes	no	no

FYTTD1	ENSG00000122068	yes	yes	no	no
ZNF410	ENSG00000119725	yes	yes	no	no
IPP	ENSG00000197429	yes	no	no	no
CHD7	ENSG00000171316	no	no	no	no
METTL5	ENSG00000138382	yes	yes	no	no
MIS12	ENSG00000167842	no	no	no	no
TMEM154	ENSG00000170006	yes	yes	no	no
RPP40	ENSG00000124787	yes	yes	no	no
STAM2	ENSG00000115145	yes	yes	no	no
TAX1BP1	ENSG00000106052	yes	yes	no	no
USP10	ENSG00000103194	no	no	no	no
OXNAD1	ENSG00000154814	yes	no	no	no
ABHD6	ENSG00000163686	yes	no	no	no
CBFB	ENSG00000067955	yes	yes	no	no
EPS8	ENSG00000151491	yes	yes	no	no
VAPA	ENSG00000101558	yes	yes	no	no
DNAJA4	ENSG00000140403	yes	no	no	no
C10orf46	ENSG00000151893	yes	yes	no	no
KRAS	ENSG00000133703	yes	yes	no	no
CCDC109A	ENSG00000156026	yes	yes	no	no
ANK3	ENSG00000151150	no	no	no	no
LZTFL1	ENSG00000163818	yes	no	no	no
MSL3	ENSG00000005302	yes	no	no	no
TAF5L	ENSG00000135801	no	yes	no	no
PCSK5	ENSG00000099139	yes	no	no	no
PARD6B	ENSG00000124171	yes	no	no	no
TOMM34	ENSG00000025772	yes	no	no	no
WDR26	ENSG00000162923	yes	yes	no	no
VDAC3	ENSG00000078668	yes	no	no	no
RTCD1	ENSG00000137996	yes	yes	no	no
C1orf25	ENSG00000121486	yes	no	no	no
CBLB	ENSG00000114423	yes	yes	no	no
HIPK3	ENSG00000110422	yes	yes	no	no

PLAC8	ENSG00000145287	yes	no	no	no
GLIPR2	ENSG00000122694	yes	no	no	no
FAM149B1	ENSG00000138286	yes	no	no	no
KIAA1012	ENSG00000153339	yes	yes	no	no
BTBD9	ENSG00000183826	yes	no	no	no
PSD3	ENSG00000156011	yes	yes	no	no
MRPL39	ENSG00000154719	yes	yes	no	no
KIAA2018	ENSG00000176542	yes	yes	no	no
TDRD7	ENSG00000196116	yes	yes	no	no
SLC15A2	ENSG00000163406	yes	no	no	no
RALGPS2	ENSG00000116191	yes	yes	no	no
ATXN2	ENSG00000204842	no	no	no	no
ANXA2	ENSG00000182718	yes	yes	no	no
SOD1	ENSG00000142168	yes	no	no	no
SFMBT1	ENSG00000163935	yes	yes	no	no
MRPS10	ENSG00000048544	yes	yes	no	no
QRSL1	ENSG00000130348	yes	yes	no	no
USP9Y	ENSG00000114374	yes	no	no	no
ALPK1	ENSG00000073331	no	no	no	no
USP38	ENSG00000170185	yes	yes	no	no
RP2	ENSG00000102218	no	yes	no	no
C1orf110	ENSG00000185860	yes	no	no	no
MOCS3	ENSG00000124217	no	no	no	no
JHDM1D	ENSG00000006459	yes	yes	no	no
KIAA0317	ENSG00000119682	no	yes	no	no
KIAA1468	ENSG00000134444	yes	yes	no	no
RNF2	ENSG00000121481	yes	yes	no	no
CCNY	ENSG00000108100	no	no	no	no
ASCC1	ENSG00000138303	no	no	no	no
MYB	ENSG00000118513	yes	no	no	no
ZNF823	ENSG00000197933	no	yes	no	no
ASXL2	ENSG00000143970	yes	yes	no	no
STRBP	ENSG00000165209	yes	no	no	no

IKZF2	ENSG00000030419	yes	yes	no	no
DLAT	ENSG00000150768	yes	yes	no	no
EZR	ENSG00000092820	yes	no	no	no
RNF6	ENSG00000127870	yes	yes	no	no
EIF4G2	ENSG00000110321	no	yes	no	no
TRIP4	ENSG00000103671	no	no	no	no
PIGF	ENSG00000151665	yes	yes	no	no
ZNF33B	ENSG00000196693	yes	yes	no	no
SKP2	ENSG00000145604	yes	no	no	no
OMA1	ENSG00000162600	yes	no	no	no
MED6	ENSG00000133997	yes	yes	no	no
PBRM1	ENSG00000163939	no	yes	no	no
ADIPOR1	ENSG00000159346	no	no	no	no
ECHDC1	ENSG00000093144	yes	yes	no	no
N4BP1	ENSG00000102921	yes	yes	no	no
THRAP3	ENSG00000054118	no	no	no	no
WDR47	ENSG00000085433	yes	no	no	no
VTA1	ENSG00000009844	yes	yes	no	no
HECTD1	ENSG00000092148	yes	yes	no	no
TMEM131	ENSG00000075568	yes	no	no	no
NUFIP2	ENSG00000108256	yes	yes	no	no
DHRS9	ENSG00000073737	yes	yes	no	no
CNOT1	ENSG00000125107	yes	yes	no	no
TTC39B	ENSG00000155158	yes	yes	no	no
GOLPH3L	ENSG00000143457	yes	yes	no	no
C2orf86	ENSG00000143951	yes	no	no	no
CCDC138	ENSG00000163006	yes	no	no	no
YWHAE	ENSG00000108953	yes	yes	no	no
HSPA4L	ENSG00000164070	yes	yes	no	no
HSBP1	ENSG00000230989	yes	yes	no	no
INADL	ENSG00000132849	no	yes	no	no
RICS	ENSG00000134909	yes	yes	no	no
AFTPH	ENSG00000119844	yes	yes	no	no

GCLC	ENSG0000001084	yes	yes	no	no
CBLL1	ENSG00000105879	yes	yes	no	no
TMEM220	ENSG00000187824	yes	no	no	no
NQO1	ENSG00000181019	yes	yes	no	no
ABII	ENSG00000136754	yes	yes	no	no
RAB11A	ENSG00000103769	yes	yes	no	no
CHMP5	ENSG00000086065	yes	yes	no	no
NUPL1	ENSG00000139496	yes	yes	no	no
APTX	ENSG00000137074	no	yes	no	no
MLLT4	ENSG00000130396	no	no	no	no
MUDENG	ENSG00000053770	yes	yes	no	no
TMOD3	ENSG00000138594	yes	yes	no	no
FRK	ENSG00000111816	yes	yes	no	no
MAK10	ENSG00000135040	yes	yes	no	no
ZNF607	ENSG00000198182	yes	no	no	no
IFT52	ENSG00000101052	yes	no	no	no
ARID2	ENSG00000189079	yes	yes	no	no
SEC23IP	ENSG00000107651	no	yes	no	no
TGFA	ENSG00000163235	yes	yes	no	no
EVI1	ENSG00000085276	yes	yes	no	no
PDIK1L	ENSG00000175087	yes	yes	no	no
TET2	ENSG00000168769	yes	yes	no	no
BTBD1	ENSG00000064726	yes	yes	no	no
PTGR1	ENSG00000106853	yes	yes	no	no
RMND5A	ENSG00000153561	yes	yes	no	no
IVNS1ABP	ENSG00000116679	yes	yes	no	no
HEBP2	ENSG00000051620	yes	yes	no	no
KLHDC10	ENSG00000128607	no	no	no	no
TRIP13	ENSG00000071539	yes	no	no	no
BAZ1A	ENSG00000198604	yes	yes	no	no
TTC9C	ENSG00000162222	no	yes	no	no
CHMP2B	ENSG00000083937	yes	yes	no	no
ZNF398	ENSG00000197024	no	yes	no	no

POLR1C	ENSG00000171453	no	yes	no	no
BRP44	ENSG00000143158	yes	no	no	no
S100A11	ENSG00000163191	yes	yes	no	no
LOC552889	N.A.	N.A.	N.A.	N.A.	N.A.
MORF4L2	ENSG00000123562	no	yes	no	no
EXPH5	ENSG00000110723	yes	yes	no	no
LASS6	ENSG00000172292	yes	yes	no	no
ZNF561	ENSG00000171469	yes	yes	no	no
NBEAL1	ENSG00000144426	yes	yes	no	no
HCCS	ENSG00000004961	no	yes	no	no
BAIAP2L1	ENSG00000006453	no	no	no	no
ANXA4	ENSG00000196975	yes	no	no	no
SGMS2	ENSG00000164023	yes	yes	no	no
EIF4G3	ENSG00000075151	no	no	no	no
FBXO28	ENSG00000143756	yes	yes	no	no
CNOT6	ENSG00000113300	yes	yes	no	no
DHX32	ENSG00000089876	no	no	no	no
CLIP1	ENSG00000130779	yes	yes	no	no
SAPS3	ENSG00000110075	yes	yes	no	no
POLR3C	ENSG00000186141	no	yes	no	no
OTUD4	ENSG00000164164	yes	no	no	no
ANXA2P2	ENSG00000231991	no	yes	no	no
SPAG1	ENSG00000104450	yes	no	no	no
TLE4	ENSG00000106829	no	no	no	no
TTLL5	ENSG00000119685	yes	no	no	no
PRKAR2A	ENSG00000114302	no	yes	no	no
NEK4	ENSG00000114904	yes	no	no	no
SLMO2	ENSG00000101166	yes	yes	no	no
GSK3B	ENSG00000082701	yes	yes	no	no
ZNF507	ENSG00000168813	no	yes	no	no
DDX3X	ENSG00000215301	yes	yes	no	no
SECISBP2	ENSG00000187742	yes	no	no	no
PAPOLA	ENSG00000090060	yes	yes	no	no

MYO6	ENSG00000196586	yes	yes	no	no
PDCD6IP	ENSG00000170248	yes	yes	no	no
VRK2	ENSG00000028116	yes	yes	no	no
C1orf58	ENSG00000162819	yes	yes	no	no
NXT2	ENSG00000101888	yes	yes	no	no
TESC	ENSG00000088992	no	no	yes	no
ZNF775	ENSG00000196456	no	no	no	no
ADAD2	ENSG00000140955	no	no	no	no
MRGPRF	ENSG00000172935	no	no	yes	yes
VASN	ENSG00000274334	no	no	no	no
PLXND1	ENSG00000004399	no	no	yes	yes
NAPSA	ENSG00000131400	no	no	no	no
C1QTNF5	ENSG00000223953	no	no	no	no
LOC100132755	N.A.	N.A.	N.A.	N.A.	N.A.
FAM70B	ENSG00000184497	no	no	yes	yes
PARVB	ENSG00000188677	no	no	no	yes
SLC26A3	ENSG00000091138	no	no	no	no
INMT	ENSG00000241644	no	no	no	yes
CDR2L	ENSG00000109089	no	no	no	no
MYO7B	ENSG00000169994	no	no	no	no
PTGER1	ENSG00000160951	no	no	no	no
GPR124	ENSG00000020181	no	no	no	yes
EXD3	ENSG00000187609	no	no	no	yes
EMILIN3	ENSG00000183798	no	no	no	no
NRTN	ENSG00000171119	no	no	no	no
LCN10	ENSG00000187922	no	no	no	no
TAL1	ENSG00000162367	no	no	yes	yes
TMEM38A	ENSG00000072954	no	no	yes	yes
GNB5	ENSG00000069966	no	no	no	no
FLJ42957	N.A.	N.A.	N.A.	N.A.	N.A.
FAM9C	ENSG00000187268	no	no	no	no
LPAR4	ENSG00000147145	no	no	no	no
LOC100133397	N.A.	N.A.	N.A.	N.A.	N.A.

NFATC4	ENSG00000100968	no	no	no	yes
TUBB6	ENSG00000176014	no	no	no	no
PTMS	ENSG00000159335	no	no	yes	no
FAM69B	ENSG00000165716	no	no	yes	yes
KLHL34	ENSG00000185915	no	no	no	no
NUP210L	ENSG00000143552	no	no	yes	yes
NPFFR1	ENSG00000148734	no	no	no	no
SNORD114-3	ENSG00000201839	no	no	no	no
SH3BP2	ENSG00000087266	no	no	yes	no
C11orf20	ENSG00000219435	no	no	no	no
GDNF	ENSG00000168621	no	no	no	no
IL2RA	ENSG00000134460	no	no	no	yes
FEZ1	ENSG00000149557	no	no	yes	no
DSCR6	ENSG00000183145	no	no	no	no
PCBP4	ENSG00000090097	no	no	yes	yes
EBF3	ENSG00000108001	no	no	yes	yes
SNORD116-25	ENSG00000252326	no	no	no	no
SRV	ENSG00000184895	no	no	no	no
CHRD	ENSG00000090539	no	no	yes	yes
TTYH1	ENSG00000167614	no	no	yes	yes
LRRN3	ENSG00000173114	no	no	no	yes
SEMA3G	ENSG00000010319	no	no	yes	yes
DHH	ENSG00000139549	no	no	no	no
ZNF358	ENSG00000198816	no	no	yes	yes
RCOR2	ENSG00000167771	no	no	no	no
FAM43A	ENSG00000185112	no	no	no	no
SMTN	ENSG00000183963	no	no	yes	yes
TNFRSF18	ENSG00000186891	no	no	no	no
ROBO4	ENSG00000154133	no	no	yes	yes
SLC45A1	ENSG00000162426	no	no	no	no
UAP1L1	ENSG00000197355	no	no	yes	yes
IRF2BP1	ENSG00000170604	no	no	no	no
FBXO43	ENSG00000156509	no	no	yes	yes

PKHD1L1	ENSG00000205038	no	no	no	no
SPNS2	ENSG00000183018	no	no	no	no
CCDC50	ENSG00000152492	no	no	no	no
SPTB	ENSG00000070182	no	no	yes	yes
COL6A1	ENSG00000142156	no	no	yes	yes
SERPINA3	ENSG00000196136	no	no	yes	no
EGFL7	ENSG00000172889	no	no	yes	yes
LOC100133142	N.A.	N.A.	N.A.	N.A.	N.A.
HEXDC	ENSG00000169660	no	no	yes	yes
UNC45B	ENSG00000141161	no	no	yes	yes
KLHL4	ENSG00000102271	no	no	no	yes
SPSB4	ENSG00000175093	no	no	no	no
EBF1	ENSG00000164330	no	no	yes	yes
LOC100130518	N.A.	N.A.	N.A.	N.A.	N.A.
SNTA1	ENSG00000101400	no	no	yes	no
C9orf4	ENSG00000260230	no	no	no	yes
DAAM2	ENSG00000146122	no	no	yes	yes
HSD17B14	ENSG00000087076	no	no	no	yes
SCARNA4	ENSG00000281516	no	no	no	no
DBN1	ENSG00000113758	no	no	yes	no
ACTRT2	ENSG00000169717	no	no	no	no
PLVAP	ENSG00000130300	no	no	yes	yes
MRC2	ENSG00000011028	no	no	yes	yes
SGK493	ENSG00000162878	no	no	yes	yes
FLJ46838	N.A.	N.A.	N.A.	N.A.	N.A.
GRASP	ENSG00000161835	no	no	yes	yes
MN1	ENSG00000169184	no	no	no	yes
GEFT	ENSG00000240771	no	no	yes	yes
EFEMP2	ENSG00000172638	no	no	yes	yes
PCP2	ENSG00000174788	no	no	no	no
MPP2	ENSG00000108852	no	no	no	yes
CLEC14A	ENSG00000176435	no	no	yes	yes
EDA	ENSG00000158813	no	no	yes	yes

ENPEP	ENSG00000138792	no	no	yes	no
GLI1	ENSG00000111087	no	no	yes	yes
CRTC1	ENSG00000105662	no	no	no	yes
SMARCD3	ENSG00000082014	no	no	yes	no
SLC17A7	ENSG00000104888	no	no	no	no
LOC124220	ENSG00000162078	no	no	yes	yes
CD22	ENSG00000012124	no	no	yes	yes
OPRK1	ENSG00000082556	no	no	no	no
FBXO44	ENSG00000132879	no	no	yes	yes
REN	ENSG00000143839	no	no	no	no
ProSAPiP1	ENSG00000088899	no	no	yes	yes
SNORA20	ENSG00000201660	no	no	no	no
GGTLC1	ENSG00000149435	no	no	no	no
LMCD1	ENSG00000071282	no	no	yes	no
NPPB	ENSG00000120937	no	no	no	no
SLC6A17	ENSG00000197106	no	no	yes	yes
KIAA0427	ENSG00000134030	no	no	yes	yes
KIAA1045	ENSG00000122733	no	no	no	no
ADAMTSL1	ENSG00000178031	no	no	yes	yes
PGF	ENSG00000119630	no	no	no	yes
RAPGEF3	ENSG00000079337	no	no	yes	yes
REXO1	ENSG00000079313	no	no	no	yes
GALNTL1	ENSG00000100626	no	no	yes	yes
NENF	ENSG00000117691	no	no	yes	no
ADRA2C	ENSG00000184160	no	no	no	no
NRGN	ENSG00000154146	no	no	no	no
TUBB2B	ENSG00000137285	no	no	no	no
TRIM54	ENSG00000138100	no	no	no	no
VWA1	ENSG00000179403	no	no	yes	yes
LRRC4B	ENSG00000131409	no	no	no	no
CLTCL1	ENSG00000070371	no	no	yes	no
RASL10B	ENSG00000270885	no	no	no	no
DLK2	ENSG00000171462	no	no	yes	yes

TMEM150	ENSG00000168890	no	no	yes	no
NPDC1	ENSG00000107281	no	no	yes	yes
CRH	ENSG00000147571	no	no	no	no
SLC26A10	ENSG00000135502	no	no	yes	yes
DGKG	ENSG00000058866	no	no	yes	yes
OR2B11	ENSG00000177535	no	no	no	no
PKN3	ENSG00000160447	no	no	no	yes
ART4	ENSG00000111339	no	no	no	no
METTL7B	ENSG00000170439	no	no	no	no
USHBP1	ENSG00000130307	no	no	yes	yes
RNASE1	ENSG00000129538	no	no	yes	no
CLEC11A	ENSG00000105472	no	no	no	yes
FAM65A	ENSG00000039523	no	no	yes	yes
ITGA7	ENSG00000135424	no	no	yes	yes
ADAMTS10	ENSG00000142303	no	no	yes	yes
GNAO1	ENSG00000087258	no	no	yes	yes
NFE2	ENSG00000123405	no	no	no	no
CLDN11	ENSG00000013297	no	no	yes	yes
BLOC1S3	ENSG00000189114	no	no	no	yes
A1BG	ENSG00000121410	no	no	no	no
ADCY1	ENSG00000164742	no	no	yes	yes
HAS1	ENSG00000105509	no	no	no	no
COL4A1	ENSG00000187498	no	no	yes	yes
HOXC12	ENSG00000123407	no	no	no	no
TGFB1I1	ENSG00000140682	no	no	yes	yes
ARL10	ENSG00000175414	no	no	no	no
JPH2	ENSG00000149596	no	no	yes	yes
C9orf142	ENSG00000148362	no	no	no	yes
CDX1	ENSG00000113722	no	no	no	no
EPHB1	ENSG00000154928	no	no	yes	yes
TRPV2	ENSG00000187688	no	no	no	yes
HOXD4	ENSG00000170166	no	no	no	no
FAM71A	ENSG00000162771	no	no	no	no

SPEG	ENSG00000072195	no	no	yes	yes
DLX2	ENSG00000115844	no	no	no	no
THY1	ENSG00000154096	no	no	yes	yes
MAP3K11	ENSG00000173327	no	no	no	yes
LCN6	ENSG00000267206	no	no	no	no
PITPNM2	ENSG00000090975	no	no	yes	no
SELM	ENSG00000198832	no	no	yes	yes
SEMA6B	ENSG00000167680	no	no	yes	yes
PTRF	ENSG00000177469	no	no	yes	yes
PDLIM7	ENSG00000196923	no	no	yes	yes
CLEC3B	ENSG00000163815	no	no	yes	yes
SPTA1	ENSG00000163554	no	no	no	no
GDF11	ENSG00000135414	no	no	yes	no
FBXO10	ENSG00000147912	no	no	yes	yes
HES3	ENSG00000173673	no	no	no	no
CRHBP	ENSG00000145708	no	no	no	no
HOXB6	ENSG00000108511	no	no	no	yes
RAMP1	ENSG00000132329	no	no	yes	yes
WFDC1	ENSG00000103175	no	no	yes	yes
RPL23AP71	ENSG00000237450	no	no	no	no
COL4A2	ENSG00000134871	no	no	yes	yes
ADRA1A	ENSG00000120907	no	no	yes	no
PNCK	ENSG00000130822	no	no	yes	yes
MAPK11	ENSG00000185386	no	no	yes	yes
FSTL3	ENSG00000070404	no	no	yes	no
DYSF	ENSG00000135636	no	no	yes	yes
CCDC9	ENSG00000105321	no	no	no	no
SETD1B	ENSG00000139718	no	no	no	yes
PLAC9	ENSG00000189129	no	no	yes	yes
PP13004	N.A.	N.A.	N.A.	N.A.	N.A.
SPHK1	ENSG00000176170	no	no	yes	no
SHROOM4	ENSG00000158352	no	no	yes	yes
PLXNB3	ENSG00000198753	no	no	yes	no

SNX15	ENSG00000110025	no	no	no	yes
C8orf82	ENSG00000213563	no	no	no	no
NME4	ENSG00000103202	no	no	yes	yes
GAL3ST4	ENSG00000197093	no	no	yes	yes
CARD10	ENSG00000100065	no	no	yes	yes
TBC1D4	ENSG00000136111	no	no	no	no
COPZ2	ENSG00000005243	no	no	yes	no
PLK5P	ENSG00000185988	no	no	no	no
GGT5	ENSG00000099998	no	no	yes	yes
LEPRE1	ENSG00000117385	no	no	no	no
SYDE1	ENSG00000105137	no	no	yes	yes
CDH23	ENSG00000107736	no	no	no	no
CCDC141	ENSG00000163492	no	no	no	yes
DPF3	ENSG00000205683	no	no	yes	no
C20orf160	ENSG00000101331	no	no	no	yes
COL8A2	ENSG00000171812	no	no	yes	yes
PPP1R12C	ENSG00000125503	no	no	yes	yes
FRAT1	ENSG00000165879	no	no	no	no
F2RL3	ENSG00000127533	no	no	no	no
CHST10	ENSG00000115526	no	no	yes	no
FLT4	ENSG00000037280	no	no	yes	yes
ACVRL1	ENSG00000139567	no	no	yes	yes
FAM101B	ENSG00000183688	no	no	no	no
EVX2	ENSG00000174279	no	no	no	no
RASL12	ENSG00000103710	no	no	yes	yes
ARPP-21	ENSG00000172995	no	no	no	yes
COL6A2	ENSG00000142173	no	no	yes	yes
TLN2	ENSG00000171914	no	no	yes	no
UNKL	ENSG00000059145	no	no	no	yes
SLC22A17	ENSG00000092096	no	no	yes	no
TBX2	ENSG00000121068	no	no	yes	yes
GPD1	ENSG00000167588	no	no	yes	no
CNTNAP1	ENSG00000108797	no	no	yes	yes

IL34	ENSG00000157368	no	no	no	yes
TNFRSF10D	ENSG00000173530	no	no	yes	no
ST3GAL2	ENSG00000157350	no	no	yes	yes
LOC375295	N.A.	N.A.	N.A.	N.A.	N.A.
MEP1B	ENSG00000141434	no	no	no	no
ADAM33	ENSG00000149451	no	no	yes	yes
SHANK3	ENSG00000251322	no	no	yes	yes
RASIP1	ENSG00000105538	no	no	yes	yes
DOK1	ENSG00000115325	no	no	no	no
TPO	ENSG00000115705	no	no	yes	no
SLC25A42	ENSG00000181035	no	no	yes	yes
COL5A1	ENSG00000130635	no	no	yes	yes
SEPT4	ENSG00000108387	no	no	yes	yes
LIX1L	ENSG00000271601	no	no	yes	no
NES	ENSG00000132688	no	no	yes	yes
FBRSL1	ENSG00000112787	no	no	no	yes
RUSC2	ENSG00000198853	no	no	yes	yes
REG1A	ENSG00000115386	no	no	no	no
FADS3	ENSG00000221968	no	no	yes	yes
GUCA1A	ENSG00000048545	no	no	no	no
FLJ10404	ENSG00000146067	no	no	yes	yes
LOC100133404	N.A.	N.A.	N.A.	N.A.	N.A.
ACHE	ENSG00000087085	no	no	no	no
FKBP10	ENSG00000141756	no	no	yes	yes
XKR6	ENSG00000171044	no	no	no	no
LOC401097	N.A.	N.A.	N.A.	N.A.	N.A.
SLC2A6	ENSG00000160326	no	no	no	yes
TRAM1L1	ENSG00000174599	no	no	no	yes
SNAPC2	ENSG00000104976	no	no	no	no
LSM11	ENSG00000155858	no	no	no	no
PEAR1	ENSG00000187800	no	no	yes	yes
PDE9A	ENSG00000160191	no	no	no	no
RASGRP2	ENSG00000068831	no	no	yes	yes

ARHGEF15	ENSG00000198844	no	no	yes	yes
SLCO4A1	ENSG00000101187	no	no	yes	no
SCARNA16	ENSG00000252404	no	no	no	no
RGS11	ENSG00000076344	no	no	yes	yes
HTRA1	ENSG00000166033	no	no	yes	yes
EDN1	ENSG00000078401	no	no	yes	no
C15orf60	ENSG00000183324	no	no	no	no
PDGFB	ENSG00000100311	no	no	yes	yes
BTN2A3	ENSG00000124549	no	no	no	no
LIMS2	ENSG00000072163	no	no	yes	yes
WTIP	ENSG00000142279	no	no	yes	yes
RPL23AP64	ENSG00000240970	no	no	no	no
C1QTNF1	ENSG00000173918	no	no	yes	yes
FAM115A	ENSG00000198420	no	no	yes	no
NKD1	ENSG00000140807	no	no	yes	yes
LOC100133388	N.A.	N.A.	N.A.	N.A.	N.A.
