## **GWAS**

<b>O</b> 117.10				
Symbol	Entrez ID	sources	Known PPIs	Novel PPIs
CACNA1I	8911	Nature	0	11
CNNM2	54805	Nature	0	6
APOPT1	84334	Nature	0	5
CENPM	79019	Nature	0	5
MIR137HG	400765	Nature	0	5
PLCH2	9651	Nature	0	4
GID4	79018	Nature	0	3
SDCCAG8	10806	Nature	0	3
ZNF536	9745	Nature	0	3
C10orf32	119032	Nature	0	2
C11orf31	280636	Nature	0	2
IGSF9B	22997	Nature	0	2
TSNARE1	203062	Nature	0	2
TYW5	129450	Nature	0	2
CSMD1	64478	Nature	0	1
LOC642484	642484	Nature	0	1
SOX2-OT	347689	Nature	0	1
C10orf32-ASMT	100528007	Nature	0	0
C3orf49	132200	Nature	0	0
EP300-AS1	101927279	Nature	0	0
GRAMD1B	57476	Nature	0	0
LINC01470	101927134	Nature	0	0
LOC100507431	100507431	Nature	0	0
TMX2-CTNND1	100528016	Nature	0	0
CHRNA5	1138	Nature	1	5
CYP26B1	56603	Nature	1	4
DGKI	9162	Nature	1	2
MAN2A1	4124	Nature	1	2
TMTC1	83857	Nature	1	2
IMMP2L	83943	Nature	1	1
DPYD	1806	Nature	2	8
ZNF804A	91752	Nature	2	8
CACNB2	783	Nature	2	7
PRRG2	5639	Nature	2	7
CNTN4	152330	Nature	2	5
NLGN4X	57502	Nature	2	5
CHRNA3	1136	Nature	2	4
GALNT10	55568	Nature	2	4
GPM6A	2823	Nature	2	4
EPC2	26122	Nature	2	3
HCN1	348980	Nature	2	3
SMG6	23293	Nature	3	8
PTGIS	5740	Nature	3	7
MPHOSPH9	10198	Nature	4	15

CLCN3	1182	Nature	4	11
KDM3B	51780	Nature	4	8
OTUD7B	56957	Nature	4	4
RGS6	9628	Nature	4	2
SATB2	23314	Nature	4	2
ETF1	2107		5	5
GRM3			6	9
SHMT2	6472		6	9
ADAMTSL3			6	7
AMBRA1	55626		6	7
NFATC3	4775		6	, 7
STAG1	10274		6	7
GIGYF2	26058		6	6
NRGN	4900		6	3
TCF20		Nature	8	6
AKT3		Nature	8	4
SNAP91	9892		8	3
ATP2A2		Nature	9	3
BCL11B	64919		9	3
VRK2		Nature	10	6
CACNA1C		Nature	11	3
PPP1R16B	26051		12	8
PAK6	56924		13	8
RERE		Nature	20	7
GRIN2A		Nature	27	8
MPP6	51678		28	6
FES	2242	Nature	31	10
PRKD1	5587	Nature	31	4
NAB2	4665	Nature	33	7
MAD1L1	8379	Nature	38	15
CUL3	8452	Nature	56	6
TCF4	6925	Nature	174	9
SRPK2	6733	Nature	177	5
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	+			
	+			

## Historical

Tilstorical				
Symbol	<b>Entrez Id</b>	Source	<b>Known PPIs</b>	<b>New PPIs</b>
SCZD10	63944	OMIM	0	10
CHI3L1	1116	OMIM	0	9
SCZD6	8400	OMIM	0	9
SCZD1	6377	OMIM	0	8
SCZD7	8401	OMIM	0	8
PRODH	5625	Historical, OMIM	0	7
SCZD3	6365	OMIM	0	7
ZDHHC8	29801	Historical	0	5
SCZD2	6378	OMIM	0	5
SCZD12	619488	OMIM	0	3
SCZD14	100196913	OMIM	0	2
SCZD8	8806	OMIM	0	2
TAAR6	319100	OMIM	0	1
DISC2	27184	OMIM	0	0
SCZD11	404686	OMIM	0	0
SCZD13	100329170	OMIM	0	0
MTHFR	4524	Historical, OMIM	1	7
APOL2	23780	OMIM	1	4
APOL4	80832	OMIM	1	3
DAOA	267012	Historical, OMIM	1	2
KCNN3	3782	Historical	2	5
VIPR2	7434	OMIM	4	6
CHRNA7	1139	Historical, OMIM	4	2
SLC6A4	6532	Historical	4	1
DAO	1610	Historical, OMIM	5	5
RTN4R	65078	OMIM	6	11
GRM3	2913	Historical, Nature	6	9
SLC1A1	6505	OMIM	6	8
DRD4	1815	Historical	6	4
SYN2	6854	OMIM	6	4
NRG1	3084	Historical, OMIM	8	8
SLC6A3	6531	Historical	8	2
COMT	1312	Historical, OMIM	10	5
PPP3CC	5533	Historical	11	5
NOTCH4	4855	Historical	13	9
RGS4	5999	Historical	13	8
BDNF	627	Historical	14	7
DRD3	1814	Historical, OMIM	15	3
SHANK3	85358	OMIM	15	3
HTR2A	3356	Historical, OMIM	16	6
DRD2	1813	Historical	21	13
TNF	7124	Historical	21	8
NRXN1	9378	OMIM	28	9
DTNBP1	84062	Historical, OMIM	53	8

APOE	348	Historical	54	7
DISC1	27185	Historical, OMIM	113	6
AKT1	207	Historical, OMIM	193	5

## **GWAS Interactome Genes**

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Gene	Label
ADAMTSL3	Candidate gene
AKT3	Candidate gene
AMBRA1	Candidate gene
APOPT1	Candidate gene
ATP2A2	Candidate gene
BCL11B	Candidate gene
C10orf32	Candidate gene
C10orf32-ASMT	Candidate gene
C11orf31	Candidate gene
C3orf49	Candidate gene
CACNA1C	Candidate gene
CACNA1I	Candidate gene
CACNB2	Candidate gene
CENPM	Candidate gene
CHRNA3	Candidate gene
CHRNA5	Candidate gene
CLCN3	Candidate gene
CNNM2	Candidate gene
CNTN4	Candidate gene
CSMD1	Candidate gene
CUL3	Candidate gene
CYP26B1	Candidate gene
DGKI	Candidate gene
DPYD	Candidate gene
EP300-AS1	Candidate gene
EPC2	Candidate gene
ETF1	Candidate gene
FES	Candidate gene
FLJ45743	Candidate gene
GALNT10	Candidate gene
GID4	Candidate gene
GIGYF2	Candidate gene
GPM6A	Candidate gene
GRAMD1B	Candidate gene
GRIN2A	Candidate gene
GRM3	Candidate gene
HCN1	Candidate gene
IGSF9B	Candidate gene
IMMP2L	Candidate gene
KDM3B	Candidate gene
LINC0147	Candidate gene
LOC100507431	Candidate gene
MAD1L1	Candidate gene
MAN2A1	Candidate gene
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MIR137HG Candidate gene MPHOSPH9 Candidate gene MPP6 Candidate gene NAB2 Candidate gene NFATC3 Candidate gene NLGN4X Candidate gene NRGN Candidate gene Candidate gene OTUD7B PAK6 Candidate gene PLCH2 Candidate gene PPP1R16B Candidate gene Candidate gene PRKD1 PRRG2 Candidate gene **PTGIS** Candidate gene RERE Candidate gene RGS6 Candidate gene SATB2 Candidate gene SDCCAG8 Candidate gene SHMT2 Candidate gene SMG6 Candidate gene SNAP91 Candidate gene SOX2-OT Candidate gene SRPK2 Candidate gene STAG1 Candidate gene TCF20 Candidate gene TCF4 Candidate gene TMTC1 Candidate gene TMX2-CTNND1 Candidate gene TSNARE1 Candidate gene TYW5 Candidate gene VRK2 Candidate gene **ZNF536** Candidate gene ZNF804A Candidate gene **AATF Known Interactor** ABCA1 **Known Interactor** ABL1 **Known Interactor** ABTB1 **Known Interactor** ABTB2 **Known Interactor** ACIN1 **Known Interactor** ACTN1 **Known Interactor** ADAP1 **Known Interactor ADPRH Known Interactor AES Known Interactor** AHCYL1 **Known Interactor Known Interactor** AKAP13 AKT1 **Known Interactor Known Interactor** ALG13

ALKBH3 **Known Interactor** ALOX5 **Known Interactor Known Interactor** AMMECR1L AMOTL2 **Known Interactor** AP1M1 **Known Interactor** AP2A2 **Known Interactor** AP2B1 **Known Interactor** AP4M1 **Known Interactor** APC **Known Interactor** APEX1 **Known Interactor** APOBEC3C **Known Interactor** APP **Known Interactor** AQP1 **Known Interactor** AR **Known Interactor** ARGLU1 **Known Interactor** ARHGAP12 **Known Interactor** ARHGAP18 **Known Interactor** ARHGAP32 **Known Interactor Known Interactor** ARHGEF1 ARHGEF12 **Known Interactor** ARL6IP1 **Known Interactor** ARL6IP4 **Known Interactor** ARMC7 **Known Interactor** ARPC1B **Known Interactor** ASCL1 **Known Interactor** ASCL3 **Known Interactor** ASCL4 **Known Interactor** ASPSCR1 **Known Interactor** ATAT1 **Known Interactor** ATN1 **Known Interactor** ATP6V1B2 **Known Interactor** ATXN1 **Known Interactor AURKA Known Interactor** BAG5 **Known Interactor** BAIAP2 **Known Interactor** BARD1 **Known Interactor** BCAR1 **Known Interactor** BCAS2 **Known Interactor** BCL2 **Known Interactor** BCL2L2 **Known Interactor** BCR **Known Interactor** BECN1 **Known Interactor** BRCA1 **Known Interactor** BRD3 **Known Interactor Known Interactor** BTBD10 **BTK Known Interactor** BZRAP1 **Known Interactor** 

C16orf78 **Known Interactor** C17orf85 **Known Interactor** C18orf25 **Known Interactor** C19orf66 **Known Interactor** C1QBP **Known Interactor** C1orf109 **Known Interactor** C1orf35 **Known Interactor** C4orf46 **Known Interactor** C9orf171 **Known Interactor** CABP1 **Known Interactor** CABP5 **Known Interactor** CACNB3 **Known Interactor** CACNG2 **Known Interactor** CALM1 **Known Interactor** CALM2 **Known Interactor** CALM3 **Known Interactor** CAMK1D **Known Interactor** CAMK2A **Known Interactor Known Interactor** CAMK2B CAND1 **Known Interactor** CASK **Known Interactor** CBFA2T2 **Known Interactor** CBLN4 **Known Interactor** CBX5 **Known Interactor** CCDC101 **Known Interactor** CCDC28A **Known Interactor** CCDC33 **Known Interactor** CCDC94 **Known Interactor** CCDC97 **Known Interactor** CCHCR1 **Known Interactor** CCM2 **Known Interactor** CCND1 **Known Interactor** CCNE1 **Known Interactor** CCT2 **Known Interactor** CCT4 **Known Interactor** CDC25A **Known Interactor** CDC34 **Known Interactor** CDC42 **Known Interactor** CDC42EP4 **Known Interactor** CDC73 **Known Interactor** CDCA7L **Known Interactor** CDK1 **Known Interactor** CDK5 **Known Interactor** CDK6 **Known Interactor** CDK7 **Known Interactor** CDKN1A **Known Interactor** CDKN2C **Known Interactor** 

CEP55 **Known Interactor** CEP70 **Known Interactor Known Interactor CFTR** CHAF1A **Known Interactor** CHCHD2 **Known Interactor** CHD2 **Known Interactor CHERP Known Interactor** CHIC2 **Known Interactor** CHRNB4 **Known Interactor CHTOP Known Interactor** CHUK **Known Interactor** CKS1B **Known Interactor** CLDN19 **Known Interactor** CLK1 **Known Interactor** CLK2 **Known Interactor** CLK3 **Known Interactor** CMTM5 **Known Interactor** COIL **Known Interactor Known Interactor** COMMD1 COPS2 **Known Interactor** COPS5 **Known Interactor** COPS7A **Known Interactor CREBBP Known Interactor** CRX **Known Interactor** CSAG1 **Known Interactor** CSF2RB **Known Interactor Known Interactor** CSNK1A1 CSNK2B **Known Interactor** CTBP1 **Known Interactor** CTNNB1 **Known Interactor** CTNNBL1 **Known Interactor** CWF19L2 **Known Interactor** DAW1 **Known Interactor** DBF4B **Known Interactor** DCUN1D1 **Known Interactor** DCUN1D2 **Known Interactor** DCUN1D3 **Known Interactor** DCUN1D4 **Known Interactor** DCUN1D5 **Known Interactor** DDX21 **Known Interactor** DDX46 **Known Interactor** DDX6 **Known Interactor** DEF6 **Known Interactor** DGCR6 **Known Interactor** DHX8 **Known Interactor** DIS3 **Known Interactor** DLG1 **Known Interactor** 

DLG2 **Known Interactor** DLG3 **Known Interactor Known Interactor** DLG4 DLGAP1 **Known Interactor** DLGAP2 **Known Interactor** DMAP1 **Known Interactor** DMRT3 **Known Interactor** DNAJC8 **Known Interactor** DNM2 **Known Interactor** DNMT1 **Known Interactor** DOK1 **Known Interactor** DPYSL5 **Known Interactor** DRAP1 **Known Interactor** DRG1 **Known Interactor** DYNLL1 **Known Interactor** DYNLRB1 **Known Interactor** DYRK4 **Known Interactor** ECM1 **Known Interactor Known Interactor EED** EFEMP1 **Known Interactor** EFEMP2 **Known Interactor** EFHC1 **Known Interactor** EFNB1 **Known Interactor EGFR Known Interactor** EGLN2 **Known Interactor** EGR1 **Known Interactor** EGR2 **Known Interactor** EHMT2 **Known Interactor** EIF1AY **Known Interactor** EIF3G **Known Interactor** EIF4E2 **Known Interactor** EIF4EBP1 **Known Interactor** EIF5 **Known Interactor** ENC1 **Known Interactor** ENOX2 **Known Interactor** EP300 **Known Interactor** EPAS1 **Known Interactor** EPB41L1 **Known Interactor Known Interactor** EPB41L3 EPB41L4A **Known Interactor** EPHB6 **Known Interactor** EPS15 **Known Interactor** EPS8L3 **Known Interactor** ERCC3 **Known Interactor Known Interactor** ERN1 ESR1 **Known Interactor** EVI5L **Known Interactor** 

EXOSC1 **Known Interactor** EXOSC10 **Known Interactor Known Interactor** EXOSC2 EXOSC4 **Known Interactor** EXOSC5 **Known Interactor** EXOSC6 **Known Interactor** EXOSC7 **Known Interactor** EXOSC8 **Known Interactor** EXOSC9 **Known Interactor** EZH2 **Known Interactor** FAH **Known Interactor** FAM124B **Known Interactor** FAM131C **Known Interactor** FAM208B **Known Interactor** FAM74A4 **Known Interactor** FAM76B **Known Interactor** FAM90A1 **Known Interactor** FATE1 **Known Interactor** FERD3L **Known Interactor** FGF12 **Known Interactor** FKBP4 **Known Interactor** FKBP5 **Known Interactor** FLAD1 **Known Interactor FLNA Known Interactor** FOLR1 **Known Interactor FOS Known Interactor** FOXN3 **Known Interactor** FRS3 **Known Interactor** FTL **Known Interactor** FXR2 **Known Interactor** FYN **Known Interactor GABARAP Known Interactor** GABARAPL1 **Known Interactor** GAN **Known Interactor** GCC1 **Known Interactor GEM Known Interactor** GLP1R **Known Interactor** GLRX3 **Known Interactor** GMCL1 **Known Interactor** GNB1 **Known Interactor** GNB2L1 **Known Interactor** GNB5 **Known Interactor** GNG10 **Known Interactor** GOLGA2 **Known Interactor Known Interactor** GOLGA8EP GOLGA8F **Known Interactor GOPC Known Interactor** 

GORASP2 **Known Interactor GPR114 Known Interactor Known Interactor** GPS1 **GRASP Known Interactor** GRB10 **Known Interactor** GRIN1 **Known Interactor GRIN3A Known Interactor GRIN3B Known Interactor** GRIP1 **Known Interactor** GSK3B **Known Interactor** GSPT1 **Known Interactor** GSPT2 **Known Interactor** GTF2E1 **Known Interactor** GTF3C5 **Known Interactor** GUCD1 **Known Interactor** HAND2 **Known Interactor Known Interactor** HAT1 HAUS1 **Known Interactor Known Interactor** HBP1 HBS1L **Known Interactor** HCN2 **Known Interactor** HDAC1 **Known Interactor** HDAC2 **Known Interactor** HDAC4 **Known Interactor** HDAC5 **Known Interactor** HDAC7 **Known Interactor** HGS **Known Interactor** HIC1 **Known Interactor** HIRIP3 **Known Interactor** HIST2H2AC **Known Interactor** HIST2H2BE **Known Interactor** HIST2H3C **Known Interactor** HIST3H3 **Known Interactor HLA-DMB Known Interactor** HMGN3 **Known Interactor HNRNPC Known Interactor HNRNPD Known Interactor** HOMER3 **Known Interactor** HSF2 **Known Interactor** HSH2D **Known Interactor** HSPA4 **Known Interactor** HSPB1 **Known Interactor** HSPB7 **Known Interactor IBTK Known Interactor Known Interactor** ID1 ID2 **Known Interactor** ID3 **Known Interactor** 

ID4 **Known Interactor** IFIT5 **Known Interactor Known Interactor** IGF1R IKZF3 **Known Interactor IL16 Known Interactor** IL4R **Known Interactor INADL Known Interactor** INS **Known Interactor** IRS1 **Known Interactor** IRS2 **Known Interactor** JAK1 **Known Interactor** JAK2 **Known Interactor** JAK3 **Known Interactor** JAKMIP2 **Known Interactor** JUN **Known Interactor** JUP **Known Interactor Known Interactor** KAT6A KCNN2 **Known Interactor Known Interactor** KCTD13 KCTD14 **Known Interactor** KCTD5 **Known Interactor** KCTD6 **Known Interactor** KCTD9 **Known Interactor** KEAP1 **Known Interactor** KHDRBS1 **Known Interactor** KIDINS220 **Known Interactor** KLC3 **Known Interactor** KLHL12 **Known Interactor** KLHL2 **Known Interactor** KLHL20 **Known Interactor** KLHL3 **Known Interactor** KLHL32 **Known Interactor** KLHL41 **Known Interactor** KLHL42 **Known Interactor** KLHL5 **Known Interactor** KNSTRN **Known Interactor** KRT40 **Known Interactor** KRTAP10-3 **Known Interactor** KRTAP10-8 **Known Interactor** KRTAP2-4 **Known Interactor** KRTAP4-12 **Known Interactor** LASP1 **Known Interactor** LCA5 **Known Interactor** LCE3D **Known Interactor Known Interactor** LENG1 LGALS14 **Known Interactor LGALSL Known Interactor** 

LIG4 **Known Interactor** LIN7A **Known Interactor Known Interactor** LMO1 LMO4 **Known Interactor LNPEP Known Interactor** LNX1 **Known Interactor** LRRN4CL **Known Interactor** LUC7L **Known Interactor** LUC7L2 **Known Interactor** LUC7L3 **Known Interactor** LUZP4 **Known Interactor** LXN **Known Interactor** LYL1 **Known Interactor** LZTR1 **Known Interactor** MAB21L2 **Known Interactor** MAD2L1 **Known Interactor** MAD2L2 **Known Interactor** MAGEB1 **Known Interactor Known Interactor MAGOHB** MAP2K7 **Known Interactor** MAP3K7 **Known Interactor** MAPK14 **Known Interactor** MAPK3 **Known Interactor** MAPK8 **Known Interactor** MAPK8IP1 **Known Interactor** MAPK8IP2 **Known Interactor** MAPK9 **Known Interactor** MAPKAPK5 **Known Interactor** MAPKBP1 **Known Interactor** 10-Mar Known Interactor **Known Interactor** MATN3 MAX **Known Interactor** MBD3 **Known Interactor** MCM7 **Known Interactor** MCOLN3 **Known Interactor MDFI Known Interactor** MDK **Known Interactor** MDM2 **Known Interactor** MEMO1 **Known Interactor** MEN1 **Known Interactor** MFAP1 **Known Interactor** MLLT6 **Known Interactor** MLX**Known Interactor** MORF4L1 **Known Interactor Known Interactor** MORN4 MPP3 **Known Interactor** 

MRFAP1L1

**Known Interactor** 

MRPL10 **Known Interactor** MRPS6 **Known Interactor Known Interactor** MSC MSRB3 **Known Interactor** MT2A **Known Interactor** MT2P1 **Known Interactor** MTA2 **Known Interactor MTOR Known Interactor** MUC1 **Known Interactor** MUC7 **Known Interactor** MVP **Known Interactor** MYO5B **Known Interactor** MYOD1 **Known Interactor** NCK2 **Known Interactor** NDC80 **Known Interactor** NDN **Known Interactor** NDOR1 **Known Interactor** NDRG1 **Known Interactor Known Interactor NEBL** NECAP1 **Known Interactor** NEDD4 **Known Interactor** NEDD4L **Known Interactor** NEDD8 **Known Interactor** NEDD9 **Known Interactor Known Interactor** NEFL NEK2 **Known Interactor** NEK6 **Known Interactor** NEK8 **Known Interactor NELFE Known Interactor** NEU4 **Known Interactor** NEUROD1 **Known Interactor** NEUROG1 **Known Interactor** NFKB1 **Known Interactor** NGLY1 **Known Interactor** NINL **Known Interactor** NME7 **Known Interactor** NMUR2 **Known Interactor** NOL9 **Known Interactor** NONO **Known Interactor** NOP16 **Known Interactor** NOTCH2NL **Known Interactor** NPM2 **Known Interactor** NR2C2AP **Known Interactor** NR2E1 **Known Interactor Known Interactor** NR2F1 NR2F2 **Known Interactor** NR4A1 **Known Interactor** 

NSMCE4A **Known Interactor** NSRP1 **Known Interactor Known Interactor** NUDT10 NUP50 **Known Interactor** NXT2 **Known Interactor** OCEL1 **Known Interactor** OGT **Known Interactor** OLIG2 **Known Interactor** ORC4 **Known Interactor** OSGIN1 **Known Interactor** OTUD4 **Known Interactor** PABPC4 **Known Interactor** PAK4 **Known Interactor** PAM16 **Known Interactor** PARK2 **Known Interactor** PARN **Known Interactor** PARP1 **Known Interactor** PATE1 **Known Interactor Known Interactor PBLD** PCBD1 **Known Interactor** PDE4DIP **Known Interactor** PDE7B **Known Interactor** PDIA2 **Known Interactor** PDPK1 **Known Interactor** PDZK1 **Known Interactor** PELI1 **Known Interactor** PHC2 **Known Interactor** PHF1 **Known Interactor** PHOSPHO2 **Known Interactor** PIAS1 **Known Interactor** PICK1 **Known Interactor** PIK3R1 **Known Interactor** PIN1 **Known Interactor** PLCG1 **Known Interactor** PLCG2 **Known Interactor** PLEKHN1 **Known Interactor** PLN **Known Interactor** PLSCR1 **Known Interactor** PLXNA1 **Known Interactor POLB Known Interactor** POLR1A **Known Interactor** POLR1C **Known Interactor** POT1 **Known Interactor PPARD Known Interactor Known Interactor** PPIA **PPID Known Interactor** PPIL1 **Known Interactor** 

PPM1A **Known Interactor** PPP1CC **Known Interactor Known Interactor** PPP1R14A PPP1R18 **Known Interactor** PPP2CA **Known Interactor** PRKAA1 **Known Interactor** PRKAA2 **Known Interactor** PRKAB2 **Known Interactor PRKACA Known Interactor PRKCA Known Interactor PRKCB Known Interactor PRKCD Known Interactor PRKCE Known Interactor PRKCG Known Interactor Known Interactor PRKCH PRKCZ Known Interactor** PRPF38A **Known Interactor** PRPF40A **Known Interactor Known Interactor** PRRC2A PRRC2B **Known Interactor** PSEN1 **Known Interactor** PSMA1 **Known Interactor** PSMA3 **Known Interactor** PSMG2 **Known Interactor** PTBP1 **Known Interactor** PTF1A **Known Interactor** PTGER3 **Known Interactor** PTGES3 **Known Interactor** PTGS1 **Known Interactor** PTGS2 **Known Interactor** PTK2B **Known Interactor** PTPN4 **Known Interactor** RAB3IL1 **Known Interactor** RAB41 **Known Interactor RABIF Known Interactor** RAD21 **Known Interactor** RASA1 **Known Interactor** RASA3 **Known Interactor** RBBP4 **Known Interactor** RBBP7 **Known Interactor** RBFOX2 **Known Interactor RBM12 Known Interactor** RBM15 **Known Interactor** RBM23 **Known Interactor Known Interactor** RBM39 RBM8A **Known Interactor RBPMS Known Interactor** 

RBX1 **Known Interactor** RCBTB1 **Known Interactor Known Interactor** RCBTB2 RECK **Known Interactor RELA Known Interactor** REM1 **Known Interactor** REXO1L6P **Known Interactor** RFC5 **Known Interactor** RGS3 **Known Interactor** RHOBTB3 **Known Interactor** RHOJ **Known Interactor** RIMS1 **Known Interactor** RIT1 **Known Interactor** RIT2 **Known Interactor RNF138 Known Interactor** RNF2 **Known Interactor** RNF4 **Known Interactor** RNF7 **Known Interactor Known Interactor** RNF8 RNPS1 **Known Interactor** RPL22 **Known Interactor** RPL39L **Known Interactor** RPL41 **Known Interactor** RPS20 **Known Interactor** RQCD1 **Known Interactor** RSPH14 **Known Interactor** RSRC1 **Known Interactor** RSRC2 **Known Interactor** RSRP1 **Known Interactor** RTF1 **Known Interactor** RUNX1T1 **Known Interactor** RWDD2B **Known Interactor** RYR2 **Known Interactor** S100A1 **Known Interactor Known Interactor** SCNM1 SCOC **Known Interactor SDCBP Known Interactor** SDR42E1 **Known Interactor Known Interactor** SEC14L4 SEC23B **Known Interactor** SEMA3B **Known Interactor** SF3B4 **Known Interactor** SHKBP1 **Known Interactor** SIGLEC6 **Known Interactor Known Interactor** SIN3A SIN3B **Known Interactor** SKIV2L2 **Known Interactor** 

SLAIN2 **Known Interactor** SLC39A13 **Known Interactor Known Interactor** SLC4A1AP SLC9A3R1 **Known Interactor** SMAD1 **Known Interactor** SMAD2 **Known Interactor** SMAD9 **Known Interactor** SMARCA4 **Known Interactor SMCP Known Interactor** SMG5 **Known Interactor** SMOC1 **Known Interactor** SNIP1 **Known Interactor** SNRNP27 **Known Interactor** SNRNP35 **Known Interactor** SNRNP70 **Known Interactor SNRPB Known Interactor SNURF Known Interactor** SNX2 **Known Interactor Known Interactor** SNX9 SP1 **Known Interactor** SPAG8 **Known Interactor** SPATA2 **Known Interactor** SPATC1L **Known Interactor** SPG21 **Known Interactor** SPP1 **Known Interactor** SPTAN1 **Known Interactor** SRC **Known Interactor** SREK1 **Known Interactor** SRI **Known Interactor** SRRM1 **Known Interactor** SRSF1 **Known Interactor** SRSF12 **Known Interactor** SRSF2 **Known Interactor** SRSF3 **Known Interactor** SRSF5 **Known Interactor** SRSF7 **Known Interactor** SRSF8 **Known Interactor** SRSF9 **Known Interactor Known Interactor** STAG2 STAMBPL1 **Known Interactor** STAT3 **Known Interactor** STK16 **Known Interactor** STMN2 **Known Interactor** STON1 **Known Interactor Known Interactor** STX11 SUM01 **Known Interactor** SUMO1P1 **Known Interactor** 

SUMO2 **Known Interactor** SUMO3 **Known Interactor Known Interactor** SUPT16H **SUV39H1 Known Interactor** SVIL **Known Interactor** SYK **Known Interactor** SZT2 **Known Interactor** TADA2A **Known Interactor** TAF7L **Known Interactor** TAL1 **Known Interactor** TAL2 **Known Interactor TAPBPL Known Interactor** TCEA2 **Known Interactor TCEANC Known Interactor** TCEB1 **Known Interactor** TCF3 **Known Interactor TCHP Known Interactor** TCL1A **Known Interactor Known Interactor** TCOF1 TCP1 **Known Interactor** TDP2 **Known Interactor** TERF1 **Known Interactor TERT Known Interactor** TEX11 **Known Interactor** TGIF2LY **Known Interactor** THOP1 **Known Interactor** TLE1 **Known Interactor** TLE4 **Known Interactor TMEM213 Known Interactor** TNFAIP1 **Known Interactor** TNFRSF10C **Known Interactor** TNIP2 **Known Interactor** TP53 **Known Interactor** TPD52 **Known Interactor** TPD52L1 **Known Interactor** TPM1 **Known Interactor** TPM3 **Known Interactor TPR Known Interactor** TRA2A **Known Interactor** TRA2B **Known Interactor** TRAF3IP1 **Known Interactor** TRAF6 **Known Interactor** TRAPPC2L **Known Interactor** TRIM22 **Known Interactor Known Interactor** TRIM28 TRIM29 **Known Interactor** TRIM41 **Known Interactor** 

TRIP6 **Known Interactor** TSC2 **Known Interactor Known Interactor** TSC22D3 TSHZ3 **Known Interactor** TSSC4 **Known Interactor** TSSK3 **Known Interactor** TTC19 **Known Interactor** TTF1 **Known Interactor** TTN **Known Interactor** TUBA1B **Known Interactor** TUBGCP4 **Known Interactor** TWIST1 **Known Interactor** TWIST2 **Known Interactor** TXNL4B **Known Interactor** U2AF1 **Known Interactor** U2AF2 **Known Interactor UBC Known Interactor UBD Known Interactor** UBE2D1 **Known Interactor** UBE2D2 **Known Interactor** UBE2D3 **Known Interactor** UBE2E1 **Known Interactor** UBE2E2 **Known Interactor** UBE2E3 **Known Interactor** UBE2M **Known Interactor** UBE2S **Known Interactor** UBQLN1 **Known Interactor UBTF Known Interactor** USP15 **Known Interactor** USP4 **Known Interactor** UTP23 **Known Interactor** VAV2 **Known Interactor** VHL **Known Interactor** VIMP **Known Interactor** VPS28 **Known Interactor** VRK1 **Known Interactor** WBP11 **Known Interactor** WDR5 **Known Interactor** WFDC5 **Known Interactor** WNT7B **Known Interactor** XRCC5 **Known Interactor** XRCC6 **Known Interactor** YPEL2 **Known Interactor** YPEL3 **Known Interactor Known Interactor** YTHDC1 **YWHAB Known Interactor YWHAG Known Interactor** 

**YWHAQ Known Interactor YWHAZ Known Interactor** ZBED8 **Known Interactor** ZDHHC17 **Known Interactor** ZDHHC24 **Known Interactor** ZMAT4 **Known Interactor** ZMYND19 **Known Interactor** ZMYND8 **Known Interactor ZNF124 Known Interactor** ZNF205-AS1 **Known Interactor ZNF417 Known Interactor** ZNF512B **Known Interactor ZNF587 Known Interactor ZNF746 Known Interactor ZNF775 Known Interactor** ZRANB2 **Known Interactor** ZRSR2 **Known Interactor** ZSCAN32 **Known Interactor Known Interactor** ZSCAN9 ABI2 Novel Interactor **ACACA Novel Interactor** ACOT8 Novel Interactor **Novel Interactor** ACTR1A ACVR1B **Novel Interactor** ADAM23 **Novel Interactor** ADAMTS8 **Novel Interactor** AGFG1 **Novel Interactor** AHNAK2 **Novel Interactor** AIMP2 **Novel Interactor** ALDH1B1 **Novel Interactor** ALDH6A1 **Novel Interactor** ALG14 **Novel Interactor** ALPK3 **Novel Interactor ALPP Novel Interactor** ALX4 **Novel Interactor** ANXA10 **Novel Interactor** ANXA11 **Novel Interactor** ANXA2R **Novel Interactor Novel Interactor** ANXA5 APH1B **Novel Interactor** APOA5 **Novel Interactor** APOBEC1 Novel Interactor APOL1 **Novel Interactor** AREL1 **Novel Interactor Novel Interactor** ARF5 ARFGEF2 **Novel Interactor** ARL4C **Novel Interactor** 

ARPC3 **Novel Interactor** AS3MT **Novel Interactor Novel Interactor** ASB3 ASIC2 **Novel Interactor ASPH Novel Interactor** ATG16L1 **Novel Interactor** ATP6V0A2 **Novel Interactor BEGAIN Novel Interactor Novel Interactor** BET1 **BLM Novel Interactor** BNC1 **Novel Interactor** BRE Novel Interactor BTF3 **Novel Interactor BYSL** Novel Interactor C10orf67 **Novel Interactor** C10orf76 **Novel Interactor** C10orf95 **Novel Interactor** C14orf132 **Novel Interactor Novel Interactor** C15orf41 C19orf12 **Novel Interactor** C1orf54 **Novel Interactor** C22orf46 **Novel Interactor** C4orf27 **Novel Interactor** C5orf34 **Novel Interactor** CA3 **Novel Interactor** CAB39 **Novel Interactor** CACNA1H **Novel Interactor** CALB2 Novel Interactor CAMTA1 **Novel Interactor** CARHSP1 **Novel Interactor** CASC5 **Novel Interactor** CASP3 **Novel Interactor** CASR **Novel Interactor** CCDC134 Novel Interactor CCDC91 **Novel Interactor** CCL16 Novel Interactor CCL22 **Novel Interactor** CCL4 **Novel Interactor** CCND2 **Novel Interactor** CCNT2 **Novel Interactor** CD9 **Novel Interactor** CDC42SE1 Novel Interactor CDK2AP1 **Novel Interactor** CDK5RAP1 **Novel Interactor Novel Interactor** CDKL3 CDON **Novel Interactor CEBPG Novel Interactor** 

CELSR2 **Novel Interactor CEP104 Novel Interactor Novel Interactor CEP170** CEP44 **Novel Interactor Novel Interactor** CEP63 CHCHD3 **Novel Interactor** CHST12 **Novel Interactor** CLDN18 **Novel Interactor Novel Interactor** CLUH CNTN5 **Novel Interactor** CNTN6 **Novel Interactor** COMMD6 Novel Interactor CPB2 **Novel Interactor** CRABP1 **Novel Interactor CREM Novel Interactor** CSDE1 **Novel Interactor** CSF2 **Novel Interactor** CTIF **Novel Interactor Novel Interactor** CTTNBP2 **CXADR** Novel Interactor CYP51A1 **Novel Interactor** CYTH2 Novel Interactor DECR1 **Novel Interactor** DESI1 **Novel Interactor DGKH Novel Interactor DHDDS Novel Interactor** DLL4 **Novel Interactor** DNAJC10 Novel Interactor DNAL4 **Novel Interactor DPCD Novel Interactor** DUSP19 **Novel Interactor** DYNAP **Novel Interactor** EFTUD1 **Novel Interactor** EI24 Novel Interactor ELAC2 **Novel Interactor** EML1 **Novel Interactor** EPB41L4A-AS1 **Novel Interactor** EPHA2 **Novel Interactor** ERAP2 **Novel Interactor ETFA Novel Interactor ETFDH Novel Interactor** FAM103A1 Novel Interactor FAM106A **Novel Interactor** FAM13B **Novel Interactor Novel Interactor** FAM171B FAM53C **Novel Interactor** FAM63A **Novel Interactor**  FAM83D **Novel Interactor** FAP **Novel Interactor Novel Interactor** FBLN1 FBXL15 **Novel Interactor** FBXO42 **Novel Interactor** FBXO8 Novel Interactor FGL2 **Novel Interactor** FSCN1 **Novel Interactor Novel Interactor FURIN** FZD3 **Novel Interactor Novel Interactor** GABARAPL2 **GEMIN5** Novel Interactor **GHRL Novel Interactor** GJD2 **Novel Interactor GMFG Novel Interactor GNAS Novel Interactor** GOLGA2P10 **Novel Interactor GPR123 Novel Interactor Novel Interactor** GPR137B GPR85 Novel Interactor GPR88 **Novel Interactor** GPRC5C Novel Interactor GRIA2 **Novel Interactor** GSK3A **Novel Interactor** GTF2H2 **Novel Interactor** GTPBP1 **Novel Interactor** GUK1 **Novel Interactor GYPA** Novel Interactor HCAR3 **Novel Interactor** HDGFRP3 **Novel Interactor** HMGXB4 **Novel Interactor** HOXA10 **Novel Interactor HPCA Novel Interactor** HRH1 Novel Interactor HS3ST1 **Novel Interactor** HSD17B12 Novel Interactor IDH3A **Novel Interactor IGHV5-78 Novel Interactor** INF2 **Novel Interactor** INPP5K **Novel Interactor** JOSD1 **Novel Interactor** KBTBD4 Novel Interactor KCNJ3 **Novel Interactor** KCNJ4 **Novel Interactor Novel Interactor KIAA1715** KMT2D **Novel Interactor** KNTC1 **Novel Interactor** 

KXD1 **Novel Interactor** LAMP3 **Novel Interactor** LCP1 **Novel Interactor** LCP2 **Novel Interactor** LIPG **Novel Interactor** LOC153684 **Novel Interactor** LPPR5 **Novel Interactor** LRP1 **Novel Interactor Novel Interactor** LRP2BP LRRC48 **Novel Interactor** LTB4R2 **Novel Interactor** MAN2A2 Novel Interactor MARS2 **Novel Interactor** MCEE Novel Interactor MED23 **Novel Interactor** METTL21A **Novel Interactor** MITF **Novel Interactor** MKRN2 **Novel Interactor Novel Interactor MLEC MMADHC** Novel Interactor MRPL12 **Novel Interactor** MRPL19 Novel Interactor MSL<sub>2</sub> **Novel Interactor** MSRB2 **Novel Interactor** MTCH2 **Novel Interactor** MYL9 **Novel Interactor** MYO1A **Novel Interactor MYOCD** Novel Interactor MYOZ2 **Novel Interactor** NAT1 **Novel Interactor** NCAPD3 **Novel Interactor** NDUFA10 **Novel Interactor** NEK1 **Novel Interactor** NFX1 **Novel Interactor** NKD2 **Novel Interactor** NKG7 Novel Interactor NMI **Novel Interactor** NMUR1 **Novel Interactor** NRP1 **Novel Interactor** NUP35 **Novel Interactor** NXPH1 **Novel Interactor** OCM2 Novel Interactor OOSP2 **Novel Interactor** OR10J1 **Novel Interactor Novel Interactor** OSBPL3 OVCH1 **Novel Interactor** OVGP1 **Novel Interactor**  PAF1 **Novel Interactor** PATL1 **Novel Interactor Novel Interactor** PCDH12 PCDH8 **Novel Interactor** PCDHGB7 **Novel Interactor** PCDHGC4 Novel Interactor PCDHGC5 **Novel Interactor** PCYOX1 **Novel Interactor Novel Interactor PDGFB** PDIA3 **Novel Interactor** PEX10 **Novel Interactor** PEX11A **Novel Interactor** PGM3 **Novel Interactor** PHF5A Novel Interactor PIAS2 **Novel Interactor** PIN4 **Novel Interactor** PKHD1 **Novel Interactor** PLA2G10 **Novel Interactor Novel Interactor** PLA2G6 PLD3 Novel Interactor PLEKHB2 **Novel Interactor** POLR2I Novel Interactor PPP2R1A **Novel Interactor** PRICKLE4 **Novel Interactor** PRKAG1 **Novel Interactor** PRKAR1B **Novel Interactor** PRM1 **Novel Interactor** PRO2964 **Novel Interactor** PRPF8 **Novel Interactor PTEN Novel Interactor PTER Novel Interactor** PTTG1 **Novel Interactor** RAB35 **Novel Interactor** RAB5C Novel Interactor RAD51AP1 **Novel Interactor** RAP1GAP2 **Novel Interactor** RDH5 **Novel Interactor** REEP2 **Novel Interactor** RGS1 **Novel Interactor** RGS7 **Novel Interactor** RIPPLY2 **Novel Interactor** RND1 Novel Interactor RNF40 **Novel Interactor** RPA3 **Novel Interactor Novel Interactor** RPL18A RPS6KA3 **Novel Interactor** RTN4RL1 **Novel Interactor** 

RWDD2A **Novel Interactor** S100P **Novel Interactor** SAP30L **Novel Interactor** SATB2-AS1 **Novel Interactor** SCAF11 **Novel Interactor** SCAMP2 **Novel Interactor** SCN1A **Novel Interactor** SEC24A **Novel Interactor** SEMA7A **Novel Interactor** 3-Sep Novel Interactor SETBP1 **Novel Interactor** SFXN2 Novel Interactor **SGTA Novel Interactor** SLC22A1 Novel Interactor SLC35C1 **Novel Interactor** SLC44A3 **Novel Interactor** SMC1B **Novel Interactor** SMCO<sub>4</sub> **Novel Interactor Novel Interactor** SNA<sub>12</sub> SNX15 Novel Interactor SNX20 **Novel Interactor** SP3 Novel Interactor SPG11 **Novel Interactor** SPINK7 **Novel Interactor** SRA1 **Novel Interactor** SSR4 **Novel Interactor** ST5 **Novel Interactor STAM** Novel Interactor STARD5 **Novel Interactor** SULT2A1 **Novel Interactor** SYNGR1 **Novel Interactor** TACR3 **Novel Interactor** TBC1D22A **Novel Interactor TBCA** Novel Interactor TDRD9 **Novel Interactor** TMED10 Novel Interactor TMEM56 **Novel Interactor** TMSB4XP6 **Novel Interactor** TNFAIP8L2 **Novel Interactor** TOP1MT **Novel Interactor** TOR1B **Novel Interactor** TP73-AS1 Novel Interactor TRAM1 **Novel Interactor** TRIM4 **Novel Interactor Novel Interactor** TRMT61A **TST Novel Interactor** TTI1 **Novel Interactor**  TTYH3 **Novel Interactor** TUBA1C **Novel Interactor TUFM Novel Interactor** TULP4 **Novel Interactor** UBE4B **Novel Interactor** UGT2B4 **Novel Interactor** UNG **Novel Interactor Novel Interactor** VANGL1 **VDR Novel Interactor** VPS18 **Novel Interactor** WBP1L **Novel Interactor** WDR25 **Novel Interactor** WFDC1 **Novel Interactor** YY1 **Novel Interactor** ZAP70 **Novel Interactor** ZBTB17 **Novel Interactor Novel Interactor** ZC3H15 ZMYND11 **Novel Interactor ZNF117 Novel Interactor ZNF219 Novel Interactor ZNF239 Novel Interactor ZNF707 Novel Interactor** ZNF804B **Novel Interactor** ZSCAN31 **Novel Interactor Novel Interactor** ZSWIM2

## Historical Interactome Genes

111300110	ai iiicci ac
Gene	Label
AKT1	Candidate gene
APOE	Candidate gene
BDNF	Candidate gene
CHRNA7	Candidate gene
COMT	Candidate gene
DAO	Candidate gene
DAOA	Candidate gene
DISC1	Candidate gene
DRD2	Candidate gene
DRD3	Candidate gene
DRD4	Candidate gene
DTNBP1	Candidate gene
GRM3	Candidate gene
HTR2A	Candidate gene
KCNN3	Candidate gene
MTHFR	Candidate gene
NOTCH4	Candidate gene
NRG1	Candidate gene
PPP3CC	Candidate gene
PRODH	Candidate gene
RGS4	Candidate gene
SLC6A3	Candidate gene
SLC6A4	Candidate gene
TNF	Candidate gene
ZDHHC8	Candidate gene
A2M	Known Interactor
ABI3	Known Interactor
ACAP1	Known Interactor
ACE	Known Interactor
ACTG1	Known Interactor
ACTN2	Known Interactor
ADAM17	Known Interactor
ADAM19	Known Interactor
ADAM9	Known Interactor
ADCY6	Known Interactor
ADORA2A	Known Interactor
AGO3	Known Interactor
AGTPBP1	Known Interactor
AHNAK	Known Interactor
AKAP6	Known Interactor
AKAP9	Known Interactor
AKT1S1	Known Interactor
AKT2	Known Interactor
AKTIP	Known Interactor

**Known Interactor** ALB **ALYREF Known Interactor AMPH Known Interactor** ANKH **Known Interactor** ANKS1B **Known Interactor** AOC1 **Known Interactor** APLP2 **Known Interactor APOH Known Interactor Known Interactor** APP APPL1 **Known Interactor** AR **Known Interactor** ARFGAP1 **Known Interactor** ARFIP2 **Known Interactor** ARHGAP29 **Known Interactor** ARHGAP32 **Known Interactor** ARIH2 **Known Interactor** ATF4 **Known Interactor** ATF5 **Known Interactor** ATF7IP **Known Interactor** ATXN1 **Known Interactor** BAD **Known Interactor** BCL10 **Known Interactor** BCL2 **Known Interactor** BCL2L1 **Known Interactor** BCL2L11 **Known Interactor BGN Known Interactor** BICD1 **Known Interactor** BLOC1S5 **Known Interactor** BLOC1S6 **Known Interactor** BMPR1B **Known Interactor BPGM Known Interactor** BRAF **Known Interactor** BRCA1 **Known Interactor** BRF1 **Known Interactor** BRK1 **Known Interactor** BZRAP1 **Known Interactor** C14orf166 **Known Interactor** C19orf52 **Known Interactor** C19orf66 **Known Interactor** CABIN1 **Known Interactor CADPS Known Interactor** CADPS2 **Known Interactor** CALM1 **Known Interactor** CALR **Known Interactor** CAMKK1 **Known Interactor** CANX **Known Interactor** CARHSP1 **Known Interactor** 

**Known Interactor** CASP3 CASP9 **Known Interactor** CCDC136 **Known Interactor** CCDC141 **Known Interactor** CCDC146 **Known Interactor** CCDC153 **Known Interactor** CCDC24 **Known Interactor** CCDC53 **Known Interactor Known Interactor** CCDC88A CCHCR1 **Known Interactor** CCNA2 **Known Interactor** CCND3 **Known Interactor** CDC27 **Known Interactor** CDC37 **Known Interactor** CDC5L **Known Interactor** CDK5RAP3 **Known Interactor Known Interactor** CDKN1A CDKN1B **Known Interactor** CDKN1C **Known Interactor CEP126 Known Interactor** CEP170 **Known Interactor** CEP57L1 **Known Interactor** CEP63 **Known Interactor** CHEK1 **Known Interactor** CHN2 **Known Interactor CHUK Known Interactor** CIT **Known Interactor** CLIC6 **Known Interactor** CLIP3 **Known Interactor** CLK2 **Known Interactor** CLU **Known Interactor** CMYA5 **Known Interactor** CNTF **Known Interactor** COL4A1 **Known Interactor** COPB1 **Known Interactor** COPB2 **Known Interactor** CPE **Known Interactor** CREB1 **Known Interactor CREBBP Known Interactor** CSF1 **Known Interactor** CSNK2A1 **Known Interactor** CSNK2B **Known Interactor** CTNNB1 **Known Interactor CTSB Known Interactor** CYLD **Known Interactor** CYP2C18 **Known Interactor** CYP2C8 **Known Interactor** 

**Known Interactor** DAB2IP DCN **Known Interactor** DCTN1 **Known Interactor** DCTN2 **Known Interactor** DGCR6L **Known Interactor** DLC1 **Known Interactor** DLG4 **Known Interactor** DLL4 **Known Interactor** DMD **Known Interactor** DNAJB1 **Known Interactor** DNAJC7 **Known Interactor** DNMT1 **Known Interactor** DPYSL2 **Known Interactor** DPYSL3 **Known Interactor** DST **Known Interactor DTNA Known Interactor DTNB Known Interactor** DYNC1H1 **Known Interactor ECSIT Known Interactor** EEF1B2 **Known Interactor** EEF1G **Known Interactor** EEF2 **Known Interactor EGF Known Interactor** EGFL7 **Known Interactor EGFR Known Interactor** EIF3F **Known Interactor** EIF3H **Known Interactor** EIF4EBP1 **Known Interactor** ELAVL1 **Known Interactor** ELOVL7 **Known Interactor** EP300 **Known Interactor** EPB41 **Known Interactor** EPB41L1 **Known Interactor** EPB41L2 **Known Interactor** EPN2 **Known Interactor** ERBB2 **Known Interactor** ERBB3 **Known Interactor** ERBB4 **Known Interactor** ESR1 **Known Interactor** ESR2 **Known Interactor** EXOC1 **Known Interactor** EXOC4 **Known Interactor** EXOC7 **Known Interactor** EZH2 **Known Interactor** F11R **Known Interactor FANCA Known Interactor FARSA Known Interactor** 

**Known Interactor** FBXL12 FBXO41 **Known Interactor** FBXW7 **Known Interactor** FEZ1 **Known Interactor FLNA Known Interactor** FOXG1 **Known Interactor** FOXO1 **Known Interactor** FOXO3 **Known Interactor Known Interactor** FOXO4 FRYL **Known Interactor** FXYD7 **Known Interactor** FYN **Known Interactor** GAB2 **Known Interactor** GABBR1 **Known Interactor** GABRA1 **Known Interactor** GATA1 **Known Interactor** GATA2 **Known Interactor** GCDH **Known Interactor** GIPC1 **Known Interactor** GLTSCR1L **Known Interactor** GLUL **Known Interactor** GNA11 **Known Interactor GNAI1 Known Interactor GNAI2 Known Interactor GNAI3 Known Interactor** GNA01 **Known Interactor GNAQ Known Interactor GNAZ Known Interactor** GNB1 **Known Interactor** GNB2L1 **Known Interactor GNPTAB Known Interactor GPRASP2 Known Interactor GRASP Known Interactor** GRB10 **Known Interactor** GRB2 **Known Interactor** GRIA2 **Known Interactor** GRIP1 **Known Interactor** GSK3A **Known Interactor** GSK3B **Known Interactor** HAUS1 **Known Interactor** HAX1 **Known Interactor** HERC2P2 **Known Interactor** HIST2H2BE **Known Interactor** HMOX1 **Known Interactor** HSP90AA1 **Known Interactor** HSP90AB1 **Known Interactor** HSPB1 **Known Interactor** 

**Known Interactor** HTRA1 HTT **Known Interactor** IFIT3 **Known Interactor** IFIT5 **Known Interactor IFNG Known Interactor** IFT20 **Known Interactor IKBKB Known Interactor** IKZF4 **Known Interactor** ILK **Known Interactor IMMT Known Interactor** IMPDH2 **Known Interactor** INPP5K **Known Interactor** IPO5 **Known Interactor** IQSEC1 **Known Interactor** IRAK1 **Known Interactor** IRS1 **Known Interactor** ITGB3 **Known Interactor ITPKC Known Interactor Known Interactor** ITPR1 ITPR3 **Known Interactor** ITSN1 **Known Interactor** JADE1 **Known Interactor** JAK2 **Known Interactor JUNB Known Interactor KALRN Known Interactor** KANSL1 Known Interactor KAT2B **Known Interactor** KAT6A **Known Interactor** KCNJ6 **Known Interactor** KCNJ9 **Known Interactor** KCNQ5 **Known Interactor KIAA0408 Known Interactor** KIF3A **Known Interactor** KIF3C **Known Interactor** KIFAP3 **Known Interactor** KIFC3 **Known Interactor** KLHL12 **Known Interactor** KRIT1 **Known Interactor** KRT10 **Known Interactor** KRT31 **Known Interactor** KRT40 **Known Interactor** KRTAP5-9 **Known Interactor** KTN1 **Known Interactor LCAT Known Interactor LDLR Known Interactor** LIMK1 **Known Interactor LITAF Known Interactor** 

LONP1 **Known Interactor** LOXL4 **Known Interactor** LRP1 **Known Interactor** LRP2 **Known Interactor** LRP8 **Known Interactor** LRRK2 **Known Interactor** LSM8 **Known Interactor** LYN **Known Interactor** MACF1 **Known Interactor** MAML1 **Known Interactor** MAML2 **Known Interactor** MAML3 **Known Interactor** MAP1A **Known Interactor** MAP2 **Known Interactor** MAP2K4 **Known Interactor** MAP3K11 **Known Interactor Known Interactor** MAP3K5 MAP3K8 **Known Interactor** MAPK14 **Known Interactor** MAPK8IP1 **Known Interactor** MAPKAPK2 **Known Interactor** MAPT **Known Interactor** MAST1 **Known Interactor** MATR3 **Known Interactor** MBTPS1 **Known Interactor** MDM2 **Known Interactor** MDM4 **Known Interactor** MEMO1 **Known Interactor** METTL1 **Known Interactor** MID1IP1 **Known Interactor Known Interactor** MLLT10 MMP17 **Known Interactor** MPDZ **Known Interactor** MPPED1 **Known Interactor** MRPL28 **Known Interactor** MS4A2 **Known Interactor** MST1R **Known Interactor** MTCP1 **Known Interactor MTOR Known Interactor** MUL1 **Known Interactor** MVP **Known Interactor** MXD1 **Known Interactor** MYO1A **Known Interactor** MYT1L **Known Interactor NBEA Known Interactor** NCAM1 **Known Interactor** NCK1 **Known Interactor** 

**Known Interactor** NCOA4 NCOR2 **Known Interactor** NCS1 **Known Interactor** NDE1 **Known Interactor** NDEL1 **Known Interactor** NDN **Known Interactor** NDUFB10 **Known Interactor** NEDD4 **Known Interactor NEFM Known Interactor** NF2 **Known Interactor NFKBIA Known Interactor** NME3 **Known Interactor** NOS3 **Known Interactor** NOTCH1 **Known Interactor** NR4A1 **Known Interactor** NSF **Known Interactor Known Interactor** NTF3 NTRK2 **Known Interactor** NTRK3 **Known Interactor** NUF2 **Known Interactor NUP160 Known Interactor** OLFM1 **Known Interactor** P4HA3 **Known Interactor** PAFAH1B1 **Known Interactor** PAK1 **Known Interactor** PAK6 **Known Interactor PAWR Known Interactor** PCMT1 **Known Interactor PCNT Known Interactor** PCNXL4 **Known Interactor** PDCD4 **Known Interactor** PDE3B **Known Interactor** PDE4B **Known Interactor** PDIK1L **Known Interactor** PDK2 **Known Interactor** PDPK1 **Known Interactor** PEA15 **Known Interactor** PEX5 **Known Interactor** PFKFB1 **Known Interactor** PFKFB2 **Known Interactor** PGK1 **Known Interactor** PHB2 **Known Interactor** PI4K2B **Known Interactor** PIAS1 **Known Interactor** PIAS2 **Known Interactor** PICK1 **Known Interactor** PIK3R1 **Known Interactor** 

**Known Interactor** PKN2 PLCB1 **Known Interactor** PLCG1 **Known Interactor** PLEKHA6 **Known Interactor** PLEKHO1 **Known Interactor PLTP Known Interactor** PLXNA1 **Known Interactor** PON<sub>2</sub> **Known Interactor** POU2F1 **Known Interactor** PPARGC1B **Known Interactor** PPL **Known Interactor** PPM1A **Known Interactor** PPM1E **Known Interactor** PPP1CA **Known Interactor** PPP1R9B **Known Interactor** PPP2CA **Known Interactor Known Interactor** PPP2R1A PPP2R4 **Known Interactor** PPP4R1 **Known Interactor** PPP5C **Known Interactor** PRAM1 **Known Interactor** PRDX2 **Known Interactor** PRG2 **Known Interactor** PRKAB2 **Known Interactor PRKCQ Known Interactor** PRKCZ **Known Interactor PRKDC Known Interactor** PRNP **Known Interactor** PRTN3 **Known Interactor** PSEN1 **Known Interactor Known Interactor** PSEN2 PSME3 **Known Interactor PTAFR Known Interactor** PTEN **Known Interactor** PTPN1 **Known Interactor** RAB11A **Known Interactor** RAB3D **Known Interactor** RABGAP1 **Known Interactor** RAC1 **Known Interactor** RAD21 **Known Interactor** RAF1 **Known Interactor** RANBP9 **Known Interactor RARA Known Interactor** RASSF7 **Known Interactor** RBPJ **Known Interactor RBSN Known Interactor** RC3H1 **Known Interactor** 

**Known Interactor** RDX RGCC **Known Interactor** RGS2 **Known Interactor RHEB Known Interactor** RHEBL1 **Known Interactor** RICTOR **Known Interactor** RIPK1 **Known Interactor** RNF11 **Known Interactor RNF115 Known Interactor** RNF32 **Known Interactor ROGDI Known Interactor** RPL4 **Known Interactor** RPS6KA3 **Known Interactor** RPS6KB1 **Known Interactor** RQCD1 **Known Interactor** S1PR1 **Known Interactor Known Interactor** SCARB1 SDC2 **Known Interactor SDCBP Known Interactor** SETDB1 **Known Interactor** SFR1 **Known Interactor** SH2B2 **Known Interactor** SH3BP5 **Known Interactor** SH3RF1 **Known Interactor** SIRT1 **Known Interactor** SIRT6 **Known Interactor** SKI **Known Interactor** SKP2 **Known Interactor** SMAD2 **Known Interactor** SMAD3 **Known Interactor** SMAD4 **Known Interactor** SMAD7 **Known Interactor** SMARCB1 **Known Interactor** SMARCC1 **Known Interactor** SMARCE1 **Known Interactor** SMC2 **Known Interactor** SMC3 **Known Interactor** SNAPIN **Known Interactor SNCA Known Interactor** SNTA1 **Known Interactor** SNX6 **Known Interactor** SORBS2 **Known Interactor** SORBS3 **Known Interactor** SORT1 **Known Interactor** SPARCL1 **Known Interactor** SPTAN1 **Known Interactor** SPTBN1 **Known Interactor** 

**Known Interactor** SPTBN4 SRC **Known Interactor** SRGAP2 **Known Interactor** SRGAP3 **Known Interactor** SSC5D **Known Interactor** SSTR5 **Known Interactor** ST13 **Known Interactor** STAT1 **Known Interactor** STK3 **Known Interactor** STK4 **Known Interactor** STX18 **Known Interactor** STX1A **Known Interactor** SYBU **Known Interactor** SYNE1 **Known Interactor** TBC1D4 **Known Interactor** TCEB1 **Known Interactor** TCL1A **Known Interactor** TCL1B **Known Interactor** TCL6 **Known Interactor** TERF2IP **Known Interactor TERT Known Interactor** TFIP11 **Known Interactor** TGFB1I1 **Known Interactor** TGFBR1 **Known Interactor** THAP7 **Known Interactor** THEM4 **Known Interactor** TIAM2 **Known Interactor** TNFAIP3 **Known Interactor** TNFRSF1A **Known Interactor** TNFRSF1B **Known Interactor** TNFSF11 **Known Interactor** TNIK **Known Interactor TNKS Known Interactor** TOPBP1 **Known Interactor TRADD Known Interactor** TRAF2 **Known Interactor** TRAF3IP1 **Known Interactor** TRIB3 **Known Interactor** TRIM13 **Known Interactor** TRIM2 **Known Interactor** TRIM27 **Known Interactor** TRIM32 **Known Interactor** TRIM9 **Known Interactor** TRIO **Known Interactor** TRIP13 **Known Interactor** TSC1 **Known Interactor** TSC2 **Known Interactor** 

**Known Interactor** TTC3 **TUBB Known Interactor** TUBB2A **Known Interactor TXLNB Known Interactor** TYRO3 **Known Interactor** USP4 **Known Interactor** USP48 **Known Interactor UTRN Known Interactor** UXS1 **Known Interactor VEGFA Known Interactor** VIM **Known Interactor** VKORC1 **Known Interactor VLDLR Known Interactor** WNK1 **Known Interactor** WNK4 **Known Interactor XIAP Known Interactor** XPNPEP1 **Known Interactor** XRN2 **Known Interactor** YAP1 **Known Interactor** YBX1 **Known Interactor YWHAE Known Interactor YWHAG Known Interactor YWHAQ Known Interactor YWHAZ Known Interactor** ZFP36L1 **Known Interactor** ZHX1 **Known Interactor ZNF197 Known Interactor ZNF365 Known Interactor ZNF490 Known Interactor ZNF558 Known Interactor** ADCY10 **Novel Interactor** ADGRA2 **Novel Interactor AHRR Novel Interactor** ALDH3A2 Novel Interactor APBA3 **Novel Interactor** APOA5 Novel Interactor APOC1 **Novel Interactor** APOC2 **Novel Interactor** APOC4 **Novel Interactor** AQR **Novel Interactor Novel Interactor** ARGLU1 ARHGAP1 Novel Interactor ATP2B1 **Novel Interactor** BET1 **Novel Interactor Novel Interactor** BLOC1S3 BRS3 **Novel Interactor BYSL Novel Interactor** 

C2 **Novel Interactor** C22orf29 **Novel Interactor** CA3 **Novel Interactor** CAP2 **Novel Interactor** CARS **Novel Interactor** CASP1 Novel Interactor CBWD1 **Novel Interactor** CCAR1 **Novel Interactor** CD1D **Novel Interactor** CD3E **Novel Interactor** CD3G **Novel Interactor** CD44 Novel Interactor CD59 **Novel Interactor** CD79A Novel Interactor CDC42 **Novel Interactor** CDK2AP1 **Novel Interactor** CEACAM1 **Novel Interactor** CEBPD **Novel Interactor CNST Novel Interactor** CRABP2 **Novel Interactor** CSGALNACT1 **Novel Interactor** CST1 Novel Interactor CTSG **Novel Interactor** CYP51A1 **Novel Interactor** DACH1 **Novel Interactor** DDR2 **Novel Interactor** DDX21 **Novel Interactor** DEGS1 Novel Interactor DEK **Novel Interactor** DIRAS3 **Novel Interactor** DKK4 **Novel Interactor** E2F6 **Novel Interactor** EGLN1 **Novel Interactor** ENTPD4 Novel Interactor ETNK1 **Novel Interactor** EXTL1 **Novel Interactor** FBXO21 **Novel Interactor** FGFR1 **Novel Interactor** FHL2 **Novel Interactor** GFRA2 **Novel Interactor** GGT3P **Novel Interactor** GPC6 Novel Interactor GSC2 **Novel Interactor** HCK **Novel Interactor Novel Interactor** HDGFL1 **HOPX Novel Interactor** IL10RA **Novel Interactor**  ILF2 **Novel Interactor** INPPL1 **Novel Interactor** ISG20 **Novel Interactor** ITM2C **Novel Interactor** KCNC4 **Novel Interactor** KCNK4 Novel Interactor KIF2C **Novel Interactor** LEPROTL1 **Novel Interactor** LIPF **Novel Interactor** MBTPS2 **Novel Interactor** MEIS2 **Novel Interactor** MICAL3 Novel Interactor MIS12 **Novel Interactor** MKI67 Novel Interactor MMP23B **Novel Interactor** MOB1B **Novel Interactor** MPPED2 **Novel Interactor** MPZ **Novel Interactor** MRPL36 **Novel Interactor** MRPL40 Novel Interactor MRPS5 **Novel Interactor** MSH5 **Novel Interactor MYO16 Novel Interactor** NEU1 **Novel Interactor** NFKBIL1 **Novel Interactor NFYA Novel Interactor** NQO2 **Novel Interactor NUP153** Novel Interactor OCM2 **Novel Interactor OSMR Novel Interactor** PBX2 **Novel Interactor Novel Interactor** PCDH9 PFDN2 **Novel Interactor PILRB** Novel Interactor POLE2 **Novel Interactor** PPIL2 **Novel Interactor** PPP1R11 **Novel Interactor** PRDM4 **Novel Interactor** PSG7 **Novel Interactor** PSMB8 **Novel Interactor** PSMC3 **Novel Interactor** RANBP1 **Novel Interactor Novel Interactor** RBM22 **RFXAP Novel Interactor** RNF144B **Novel Interactor** RRM1 **Novel Interactor** RTN4R **Novel Interactor**  SDHC **Novel Interactor** 5-Sep Novel Interactor **SGSH Novel Interactor** SKIV2L **Novel Interactor** SLC18A1 **Novel Interactor** SLC22A1 **Novel Interactor** SLC27A3 **Novel Interactor** SLC27A4 **Novel Interactor** SPTSSB **Novel Interactor** SUGT1 **Novel Interactor TAPBP Novel Interactor** TBX1 **Novel Interactor** TDP2 **Novel Interactor TNXB Novel Interactor** TP53BP2 **Novel Interactor TP73 Novel Interactor TPMT Novel Interactor** UAP1 **Novel Interactor** UBAP2L **Novel Interactor** UNG **Novel Interactor** VWA5A **Novel Interactor** WWP2 **Novel Interactor** ZBP1 **Novel Interactor** ZBTB17 **Novel Interactor** ZNF219 **Novel Interactor ZNF239 Novel Interactor** ZNF43 **Novel Interactor** ZNF804B **Novel Interactor**