

Pleiotropy between "Neurological Disease", "Behavior/Psychological Disorders", "Cancer", "Organismal Injury/Skeletal and Muscular Disorders".

0 genes included exclusively in "Beh./Psych. Disorder":	0 genes included exclusively in "Cancer":	1 common element in "Neurological" and "Beh./Psych. Disorder":	0 common genes in "Beh./Psych. Disorder" and "Cancer":	954 common genes in "Cancer" and "Organ/Skeletal":	7 genes included exclusively in "Neurological":	0 common genes in "Neurological", "Beh./Psych. Disorder" and "Cancer":	66 common genes in "Beh./Psych. Disorder", "Cancer" and "Organ/Skeletal":	15 genes included exclusively in "Organ/Skeletal":	177 common genes in "Neurological", "Beh./Psych. Disorder", "Cancer" and "Organ/Skeletal":	0 common genes in "Neurological" and "Cancer":	0 common genes in "Beh./Psych. Disorder" and "Organ/Skeletal":	118 common genes in "Neurological", "Beh./Psych. Disorder" and "Organ/Skeletal":	19 common genes in "Neurological", "Beh./Psych. Disorder" and "Organ/Skeletal":	20 common genes in "Neurological" and "Organ/Skeletal":
CD46		CARTPT		AASDHPTT	RNF170		AB12	BCKDHB	ABCB1			AARS	AGA	AMY2B
MRPL3				ABCA4	CIAPIN1		ACACB	APOPT1	ACP1			ACTN1	AGL	HACD1
TMEM243				ABCC11	FAM162A		ARF4	BANF1	ADARB1			ADAM8	ARL3	MCCD1
				ABT81	IER3IP1		ASNA1	H2AF2	ADM			ADGRE5	CETN2	OPA3
				ACAT2	NUDT11		ATPSG3	KCP	ADORA3			ALAD	GRP88	
				ACSL5	PLA2G4C		BAMBI	MMADHC	ADRA1A			ALOX15	HADH	
				ACTA1	SUMO1		BIN1	NDUFA12	ADRA2B			AMY2A	MT1M	
				ACTR1A			CACNB1	NDUFAF1	ADRB3			ANO10	NDUF86	
				ACTR3			CDO1	NDUFAF4	AIG1			ANXAS	PARL	
				ACTR9B			CHST8	PCBD1	AKAP5			AP4B1	PFKFB1	
				ACYP1			CMHR2	PPP1CC	AP152			AP0A1	PGSMC1	
				ADAM21			DERL2	RAB2A	AQP4			ATP1B1	RAB11A	
				ADGRG6			DGAT2	SLC35A2	ARC			ATP2C1	RAB6A	
				ADHFE1			DGKH	STT3A	ARL6IP5			BCCIP	RPL17	
				ADO			DISC1	YARS2	ARPP21			BEX4	RPL31	
				ADSS			DPP10	ASAH1	ASAH1			BMP2	STARD10	
				ADSSL1			FEZ1	ATP2A1	ATP2A1			CAB	SUB1	
				AFTPH			GALNS	ATP2A2	ATP2A2			CCT2	TMED10	
				AGFG1			GGL	ATP5J	ATP5J			CDB3	UQC8B	
				AGD1			GCNT4	ATP6V1E1	CA2			CDC42		
				AGD2			GNG13	B2M	B2M			CDC42EP3		
				AHSA1			HSD17B6	B3GNT2	B3GNT2			CKM		
				AHSA2			IFT20	B4GAT1	B4GAT1			CLTB		
				AIMP2			JAK1	BACE1	BACE1			COL4A1		
				AK8			JPH1	BAG1	BAG1			CPB2		
				AKRIN2			KALRN	C2orf40	C2orf40			CXCR6		
				AKR1A1			KISS1R	C3orf72	C3orf72			DCK		
				AKR1C1			LEF1	CA2	CA2			DFNB59		
				AKR1C2			LMO4	CACNA1B	CACNA1B			DHCR24		
				ALDH3A2			MAGE12	CAMK2G	CAMK2G			DLG1		
				ALG5			MCEE	CAPRN1	CAPRN1			DNM1L		
				ALG8			MDFI	CAPZB	CAPZB			EED		
				ALOX5			MYOM1	CDK5	CDK5			EI24		
				ALOX5AP			NDN	CHGB	CHGB			FAM149A		
				AMACR			NDUFV2	CHMP2B	CHMP2B			FAM91A1		
				AMP1C (includes others)			NEK11	CSD2	CSD2			FGFR1		
				ANAPC7			NFATC3	CLU	CLU			FKBP1A		
				ANKRD10			NIFBL	CNR1	CNR1			FOXD4L3		
				ANKRD18A			NPEPP5	COP55	COP55			FOXDL6		
				ANKRD27			NPR3	COQ2	COQ2			FRG1		
				ANKS1B			NUPR1	CPE	CPE			GARS		
				ANXA3			OBFC1	CREM	CREM			GFR4A		
				ANXA9			OPN4	CSR2	CSR2			GFRAL		
				AP2A2			PBX1	CYP19A1	CYP19A1			GIB2		
				AP2S1			PDE2A	DGKB	DGKB			GLRX		
				ARHGAP15			PDE9A	DHFR	DHFR			GNPTAB		
				ARMC10			PLIN2	DIRAS2	DIRAS2			GNPTAB		
				ARMCX1			POU2F2	DNAA1	DNAA1			GUCY1A3		
				ARPCS			PPP1R14C	DNAB6	DNAB6			HGF		
				ASB4			PRDX1	DRD1	DRD1			HRASL5		
				ASGR2			PRKACB	EGR3	EGR3			INSM1		
				ASNSD1			PRUHR	EIF2B3	EIF2B3			INTU		
				ASPH			PSIP1	EIF2B5	EIF2B5			ITPA		
				ASUN			PTPN2	EIF4A2	EIF4A2			KCNQ4		
				ATP1B3			RRN3	ERCC3	ERCC3			KDM4C		
				ATP5B			SDK1	ETF8	ETF8			KHDRBS3		
				ATP5G1			SEZ6L2	FAM117A	FAM117A			KLR2C		
				ATP5J2			SNRPN	FARS8	FARS8			LDB3		
				ATP6V0B			SP4	FIG4	FIG4			LGALS8		
				ATP6V1D			TLF4	GABBR1	GABBR1			LUC7L3		
				AUH			TMOD2	GABRD	GABRD			MAL		
				AZ12			TPST1	GAD2	GAD2			MAP2K5		
				AZU1			UBE2O1	GAP43	GAP43			MARS2		
				BCAM			UCHL3	GLR8	GLR8			MBD4		
				BCAS2			UQCRC2	GNAO1	GNAO1			ME2		
				BCKDHA			VDAC3	GNG3	GNG3			MOB4		
				BCL2L10				GRIA4	GRIA4			MPO		
				BCL3				GRM1	GRM1			MSRA		
				BCL6B				GRM7	GRM7			NHCN		
				BCLAF1				GTF3H5	GTF3H5			NAP1L3		
				BDP1				HDAC3	HDAC3			NCRI		
				BEX1				HINT1	HINT1			NFIL3		
				BEX2				HOMER1	HOMER1			NGFRAP1		
				BFS2				HRRT1	HRRT1			NNAT		
				BLVRA				HRH3	HRH3			NOP56		
				BMP6				HSPA5	HSPA5			OSM		
				BMS1				HSPFAB	HSPFAB			PAP2B		
				BOD1				HSPB1	HSPB1			PCDHGC3		
				BRE				HTR5A	HTR5A			PIKFYE		
				BRPF1				HTR6	HTR6			PITPNA		
				BRWD1				IGF1	IGF1			PITPNC1		
				BTF3				IP6K2	IP6K2			POLB		
				BTG3				ISOC1	ISOC1			POLE2		
				BUB3				ITM2B	ITM2B			POT1		
				C10orf107				KCNAS	KCNAS			PPAT		
				C10orf12				KNC1	KNC1			PRP51		
				C11orf21				KNC2	KNC2			PSMA4		
				C11orf45				KCNH2	KCNH2			PSME3		
				C11orf70				KCNMA1	KCNMA1			PTGDR		
				C11orf87				LAPTM4B	LAPTM4B			PTPN6		
				C12orf29				LDHA	LDHA			PTS		
				C12orf45				LRG1	LRG1			RAPSN		
				C12orf73				LRRN1	LRRN1			RNF213		
				C14orf159				MAGED1	MAGED1			SEC61G		
				C16orf58				MAP2K4	MAP2K4			SFRP1		
				C16orf91				MAPK1	MAPK1			SGCE		
				C18orf8				MBP	MBP			SH3GLB1		
				C19orf53				MDH1	MDH1			SLC25A38		
				C1orf53				MECP2	MECP2			SMAD3		
				C1QTNF3				METTL9	METTL9			SOC3		
				C1QTNF9				MGAT2	MGAT2			SOX17		
				C1RL				MLF1	MLF1			SSTR1		
				C20orf194				MM99	MM99			STAG3L1		
				C20orf24				MUT	MUT			STAMPB		
				C3orf14				MYL12A	MYL12A			STXB1		
				C4orf27				NAMPT	NAMPT			TACO1		
				C6orf203				NAP1L5	NAP1L5			TEF		
				C6orf25				NBEA	NBEA			TMEM126A		
				C7orf72				NDUF8	NDUF8			TMEM70		
				C9orf9				NDUF83	NDUF83			TP53BP2		
				C9orf91				NDUF85	NDUF85			TPP4		
				CADM1				NDUF54	NDUF54			TPSYL5		
				CALCR				NGLY1	NGLY1			UBE2L3		
				CALN1				NHLRC1	NHLRC1			UBE2V2		
				CAMK1				NOVA1	NOVA1			YWHAB		
				CAMLG				NPM1	NPM1			ZFP36		
				CAP2				NR1D1	NR1D1					

CAV3
CBR4
CBWD1
CCDC13
CCDC160
CCDC28A
CCDC30
CCDC34
CCDC62
CCDC64
CCDC85A
CCDC90B
CCDC96
CCNL2
CCNT2
CCR9
CT4
CCZ1
CCZ1B
CDS3
CDS8
CDS9
CD9
CDC123
CDC37L1
CDC40
CDH18
CDHR1
CDK17
CDK7
CDKL2
CDKN2AIP
CEBPE
CEBP2
CENPJ
CEP126
CEP170
CEP70
CES4A
CFAP20
CFDP1
CHAC2
CHCHD6
CHML
CHMP2A
CHURC1
CIRH1A
CIZ1
CKLF
CKS1B
CLASP1
CLDN10
CLDN1
CLEC7A
CLNS1A
CNKSR2
CNOT2
CNOT4
CNOT7
CNTRL
COG1
COL16A1
COMMMD7
COMMMD8
COPA
COPS2
COQ3
CORO7
CORO7-PAM16
COX17
CPNE3
CPSF3
CPSF6
CPXCR1
CREG1
CRELD2
CRIPT
CSNK1G3
CSRP2BP
CSTF2T
CT62
CT8S
CTCF
CTNND1
CTSG
CTS5
CUTA
CYP2J2
CYP4F22
CYTH4
DBF4
DCAF10
DCAF12L2
DCAF13
DCAF4L2
DCUN1D5
DDOST
DDX10
DDX25
DDX46
DDX54
DDX55
DEFA3 (includes others)
DEFS1
DENND2C
DENND6B
DERL1
DFNAS
DHH
DHPS
DHR57
DIAPH2
DLD
DLEC1
DLL3
DMD
DMP1
DMRT2
DNAJC12
DNAJC19
DNAJC2
DNAJC24
DNITIP1
DPM1
DSE
DSEL
DSTN
DTNB
DTWD1

NTAN1
NTRK3
OPN1LW
OSBP18
OXTR
PARK7
PCMT1
PDE4DIP
PDYN
PGR
PKM
PLAT
PLCB1
POLR2I
PRKCB
PRKCI
RAB39B
RAC1
RASGRP2
RBF1X1
RNASEH2B
RTN4
SAG
SAMHD1
SCG2
SCP2
SDHA
SDHB
SEPF15
SERPINA1
SERPINE1
SGK1
SLC10A4
SNCA
SPP1
SRD5A1
SRM
STOS1A3
STARD4
STMN1
SUCLA2
TAC1
TARDBP
TGM2
TH
TLN4
TP11
TRESX1
TSC2
TSN
TUBE1
TUSC3
UBB
UCHL1
XPA
ZBTB16
ZIC1
ZNF706

DYNCL1L1
DYNCL2L1
DYNLRB1
ECHS1
EDEM2
EEF1B2
EEF1E1
EFCAB2
EFCAB7
EHBP1
EIF1AX
EIF1B
EIF2A
EIF3I
EIF3J
EIF3M
ELF2
EMC7
ENKUR
ENOPH1
EPC1
EQTN
ERGIC3
ERICHS
ERLEC1
EXOC8
EXT2
EXTL1
FAAP2D
FADS1
FAHD1
FAM110C
FAM122C
FAM127B
FAM127C
FAM150B
FAM173B
FAM174A
FAM186A
FAM188A
FAM200B
FAM218A
FAM220A
FAM229B
FAM45A
FAM50B
FAM63A
FAM92A1
FAM96A
FANCF
FANCL
FANCM
FARS2
FBXO25
FBXO3
FBXO34
FCAR
FCHO1
FCMR
FEZ2
FGD1
FGFY
FH
FIBIN
FIGNL1
FKBP1B
FKBP3
FOPNL
FOXD4
FOXDL1
FOXNA
FPR1
FPR2
FRA10AC1
FRAS1
FRG2
FRG2B
FRZB
FJUNC2
FUT5
FXR1
GAB3
GABARAPL2
GCOM1
GDE1
GDF7
GEMIN2
GEMIN8
GSA1
GGH
GH2
GJA3
GK
GKAP1
GLCC1
GLIPR1
GLRX2
GLRX3
GLTP
GLTSCR1
GMNN
GNPAT
GNPDA2
GNRH1
GNRH2
GOLGB1
GORAB
GPKOW
GPR12
GPR22
GPR3
GPRIN3
GPK7
GRB10
GRB2
GREM2
GREPE1
GSG1
GSTA4
GSTCD
GTF2B
GTF2E2
GYG1
H2AFY
HABP4
HAMP
HAPLN4
HIBCH
HIST1H2BD

HIST4H4
HNRRNPA0
HNRRNPA3
HOND1
HPCAL4
HS2ST1
HS6ST3
HSPA12A
IBAS7
IDH3A
ID1
IFT43
IFT52
IFT57
IGFBPL1
IGLL1
IGLL5
IGSF1
IL4R
IMPG1
IMPG2
ING4
ING5
INPP5K
INTS10
IQGAP3
IRX1
ITM2A
IWS1
IYD
JAZF1
KBTBD3
KBTBD6
KBTBD7
KCNG3
KCTD8
KHDC1
KIAA0513
KIAA0895
KIAA1429
KIAA1841
KIF25
KLF13
KLHDC2
KLHL22
KLHL33
KLK3
KLK9
KPNA4
KRT222
KRT32
KRT72
KRTAP1-3
KTI12
KTN1
LACTB
LACTB2
LANCL2
LAPTM4A
LAPTM5
LCMT1
LGALS3BP
LIAS
LILRA2
LILRA4
LILRA5
LILRB1
LIPT2
LPH
LMBRD1
LRP11
LRPPRC
LRRC34
LRRC37B
LRRC40
LRRC8D
LRRTM4
LTAH
LXN
LYPLA1
LYSMD3
LZIC
MAB21L2
MADCAM1
MAEL
MAGEE1
MAGEE2
MAGEH1
MALSU1
MAN2B2
MANBA
MAP4
MAPKAPK5
MARCH2
MATN2
MBP
MDH2
MECR
MED10
MED12L
METAP2
METTL10
METTL18
METTL3
METTL5
MGAT1
MIDN
MITD1
MLL74
MMAB
MNAT1
MORN2
MORN4
MOV10L1
MPHOSPH6
MPP5
MPP6
MPPED2
MRPL15
MRPL18
MRPL22
MRPL44
MRPL47
MRPL50
MRPS11
MRPS14
MRPS23
MRPS28
MRPS5

MRP59
MS4A7
MSANTD2
MSH5
MSLN
MTHFD1
MTMR11
MTRF1L
MX2
MYNN
MZT1
NAA20
NAA40
NAA60
NAALAD2
NACA
NAF1
NANS
NAP1L2
NCKAP1
NCCO4E
NDUFAB1
NDUFB4
NEDD8
NETO2
NFS1
NFU1
NGDN
NIN
NIPSNAP3B
NME5
NOA1
NOV
NOX5
NPHP1
NPRL2
NR1B3
NRBF2
NSMCE2
NSMCE4A
NUB1
NUCB2
NUDCD2
NUDT15
NUDT16
NUPF1
NUMB1
NUP160
NUPR1L
NUS1
NXPE1
OASL
OCA2
OCAD1
OCAD2
ODF2L
ONECUT3
OR13C4
OR1D2
OR2B11
OR6V1
ORADV1
OSCF1
OSER1
OTUB1
PABPC1L2A
PABPC3
PAM
PANX2
PAXP1
PCCA
PCDH10
PCDH810
PCDH814
PCDH84
PCDH86
PCID2
PDCD2L
PDCD5
PDES0
PDHA1
PDHB
PDIA2
PDIA6
PEL1
PELO
PGAIP2
PHACTR4
PHF20L1
PHOSPHO2
PIAS2
PIGX
PIP
PITPNM3
PIWIL4
PLGRKT
PLPP1
PNO1
POGZ
POLR1D
POLR2B
POLR2H
POM121
POM121C
POP4
POLIF2
PPA1
PPA2
PPCS
PPFIA1
PPHLN1
PPHLAG (includes others)
PPH6
PPP1R14D
PPP1R21
PPP1R42
PPP1R7
PPP5C
PRAMEF12
PRDM4
PRMT6
PRSS23
PSMA1
PSMA3
PSMA7
PSMB1
PSMB2
PSMD1
PSMD10

PSMD14
PSMD6
PSMG2
PSMG4
PSPC1
PSTK
PTBP1
PTCD3
PTGR1
PTPMT1
PVRL2
PWP1
PYHIN1
QKI
RAB33A
RAB40A
RAB9A
RAB9B
RABEPK
RABGGTB
RAD50
RAD51C
RALYL
RAMP3
RANBP3L
RARRES1
RARS
RAVER1
RBP5
RBP7
RBFA
RBM10
RBM11
RBM12B
RBM38
RBM4
RBM47
RBM5
RBP1
RCHY1
RCN1
RCN2
RDH14
RELL2
REFIN1
REFS2
REXO2
RFC3
RFK
RGAG4
RHOF
RHOT1
RIMBP3 (includes others)
RICK2
RIPPLY2
RIT2
RNF11
RNF175
RNF32
RNH1
RNMT
RPAIN
RPE
RPL6
RPRD1A
RPS6KA1
RPUSO3
RQCD1
RRP36
RTCB
RTN3
RUFY1
RUFY2
RUFY3
S100A12
S100A8
S1PR4
SAMM50
SARS2
SAT2
SAV1
SBSN
SCAMP3
SCUBE1
SDCCAG8
SDHD
SEHL
SEPT8
SERPINB1
SETD3
SETD4
SFRP5
SFT2D1
SFXN4
SGCB
SGP2
SH3TC1
SH3YL1
SHISA2
SHISA9
SIRT5
SLBP
SLC22A1
SLC22A25
SLC25A12
SLC25A14
SLC25A3
SLC25A4
SLC27A6
SLC30A1
SLC35E2
SLC38A6
SMC8
SMIM11A
SMYD3
SNRPF
SNX2
SNX3
SNX7
SORBS3
SPI00
SP5
SPAG7
SPATA33
SPATASL1
SPCS1
SPCS2
SPEF2
SPIN4

SPN
SPOOL
SPPL2A
SPRYD7
SPTB
SQLE
SRD5A3
SRI
SRP19
SRP9
SRSF7
SSBP1
SSBP2
SSH1
STGGALNAC3
STAM2
STAMBPL1
STAR9
STAU2
STBD1
STK17A
STMN2
STRIP2
STXBP3
STXBP6
SUGT1
SULT1A2
SUP7L
SUSD4
SYCE1
SYT16
SYT8
TAC3
TAF1C
TAF9
TAGAP
TAMM41
TACK3
TATDN1
TAX1BP1
TBX22
TCAF2
TCEAL5
TCTEX1D2
TDR06
TFEC
TFE1
THBS4
THYN1
TIGD2
TIGD7
TIMM21
TMBIM4
TMEFF2
TMEM116
TMEM128
TMEM148
TMEM183A
TMEM19
TMEM215
TMEM246
TMEM33
TMEM41A
TMEM45A
TMEM50A
TMEM50B
TMEM55B
TMEM59
TMEM98
TMPRSS4
TMSB15A
TNFSF9
TPDS2L1
TPM1
TPMT
TPRKB
TRA2B
TRAM1L1
TRAPP4
TRIM23
TRIM25
TRIM32
TRIM36
TRIM37
TRIM47
TRIM48
TRIP4
TRMT12
TRMT5
TRMT61B
TRNT1
TRO
TSFM
TSPAN1
TSPAN15
TSPAN2
TSPYL2
TSR2
TSTD1
TTC21B
TTC30B
TTC9C
TULP3
TVP23C
TXNDC15
TXNDC9
TXNLI
UAP1
UBE2B
UBE2N
UBE2T
UBOX5
UCHL5
UFSP2
UHRE1BP1L
USP42
USP47
UTP11L
UTP18
VAMP4
VDAC2
VPS13C
VPS13D
VPS33B
VRK1
VSTM2B
VWC2
WDR33
WDR41

WDR54
WDR61
WDR82
WDHFW1
WSCD2
WTAP
WWC2
WWP1
XPO1
XRR1
YEATS4
YIP1
YIP7
YWHAQ
YY2
ZADH2
ZBTB2
ZBTB20
ZBTB39
ZC3H14
ZC3H15
ZC3HAV1
ZCCHC12
ZDBF2
ZDHH15
ZDHH16
ZFAND2A
ZFAND5
ZFAT
ZFP62
ZFFM1
ZFYVE21
ZMAT4
ZNF135
ZNF138
ZNF14
ZNF197
ZNF302
ZNF320
ZNF384
ZNF418
ZNF510
ZNF594
ZNF626
ZNF638
ZNF654
ZNF655
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ZNF677
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ZNF708
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ZXD8