

GeDiPNet Cluster 73 -- Top Shared Genes

Curated genes (disease_gdp) linked to 2 or more of this cluster's member diseases, most widely shared first. Data as of: 2026-10-07 03:15:01. · Rows: 352 · Generated: 2026-10-07 08:23:50

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
EDN1	8	13	Atherosclerosis; Cerebrovascular disorder; Erectile dysfunction; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia; Preeclampsia
AGT	7	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Kidney disease; Kidney failure; Myocardial ischemia; Preeclampsia
MTHFR	7	13	Atherosclerosis; Cerebrovascular disorder; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia; Preeclampsia
NOS3	7	13	Atherosclerosis; Erectile dysfunction; Heart disease; Ischemic heart disease; Kidney failure; Myocardial ischemia; Preeclampsia
VEGFA	7	13	Atherosclerosis; Erectile dysfunction; Heart disease; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
ACE	6	13	Cerebrovascular disorder; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia; Preeclampsia
APOE	6	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Ischemic heart disease; Kidney failure; Myocardial ischemia
ATXN2	6	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Kidney disease; Large artery stroke; Myocardial ischemia
CRP	6	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Ischemic heart disease; Kidney failure; Myocardial ischemia
EDNRA	6	13	Atherosclerosis; Cerebrovascular disorder; Erectile dysfunction; Heart disease; Large artery stroke; Myocardial ischemia
FTO	6	13	Heart disease; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia; Preeclampsia
LPA	6	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Kidney disease; Large artery stroke; Myocardial ischemia
PTGS2	6	13	Atherosclerosis; Cerebrovascular disorder; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
ABO	5	13	Cerebrovascular disorder; Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
ADAMTS7	5	13	Heart disease; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
AGTR1	5	13	Cerebrovascular disorder; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
APOA1	5	13	Atherosclerosis; Cerebrovascular disorder; Ischemic heart disease; Kidney disease; Myocardial ischemia
CELSR2	5	13	Cerebrovascular disorder; Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
CYBA	5	13	Atherosclerosis; Heart disease; Ischemic heart disease; Kidney failure; Myocardial ischemia
EPO	5	13	Heart disease; Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
FURIN	5	13	Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia; Preeclampsia
HDAC9	5	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Large artery stroke; Myocardial ischemia
LDLR	5	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Ischemic heart disease; Myocardial ischemia
PHACTR1	5	13	Atherosclerosis; Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
PLG	5	13	Heart disease; Kidney disease; Kidney failure; Large artery stroke; Myocardial ischemia
PSRC1	5	13	Cerebrovascular disorder; Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
SERPINE1	5	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia; Preeclampsia
SMARCA4	5	13	Atherosclerosis; Cerebrovascular disorder; Heart disease; Large artery stroke; Myocardial ischemia
TDRD15	5	13	Atherosclerosis; Erectile dysfunction; Heart disease; Myocardial ischemia; Preeclampsia
TGFB1	5	13	Cerebrovascular disorder; Heart disease; Kidney disease; Kidney failure; Myocardial ischemia
TNF	5	13	Atherosclerosis; Cerebrovascular disorder; Ischemic heart disease; Kidney failure; Myocardial ischemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
TWIST1	5	13	Atherosclerosis; Cerebrovascular disorder; Ischemic heart disease; Large artery stroke; Myocardial ischemia
ZC3HC1	5	13	Erectile dysfunction; Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
ABCA1	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
ABCG8	4	13	Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
ADIPOQ	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
AGER	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
ALB	4	13	Cerebrovascular disorder; Heart disease; Kidney disease; Kidney failure
ALOX5AP	4	13	Atherosclerosis; Ischemic heart disease; Kidney disease; Myocardial ischemia
CCL2	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
F2	4	13	Cerebrovascular disorder; Heart disease; Ischemic heart disease; Myocardial ischemia
GSTM1	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
HECTD4	4	13	Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
HMOX1	4	13	Ischemic heart disease; Kidney failure; Myocardial ischemia; Preeclampsia
IL6	4	13	Atherosclerosis; Cerebrovascular disorder; Kidney failure; Myocardial ischemia
JCAD	4	13	Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
KIF6	4	13	Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
LEPR	4	13	Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
LIPA	4	13	Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
MMP1	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
MMP12	4	13	Cerebrovascular disorder; Ischemic heart disease; Large artery stroke; Myocardial ischemia
MMP3	4	13	Ischemic heart disease; Kidney failure; Large artery stroke; Myocardial ischemia
NOS2	4	13	Atherosclerosis; Cerebrovascular disorder; Kidney disease; Kidney failure
NPPB	4	13	Atherosclerosis; Heart disease; Ischemic heart disease; Myocardial ischemia
PLA2G7	4	13	Atherosclerosis; Cerebrovascular disorder; Ischemic heart disease; Myocardial ischemia
PLPP3	4	13	Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
PON1	4	13	Atherosclerosis; Heart disease; Ischemic heart disease; Myocardial ischemia
PPARA	4	13	Ischemic heart disease; Kidney disease; Kidney failure; Myocardial ischemia
SCARB1	4	13	Heart disease; Kidney disease; Kidney failure; Myocardial ischemia
SH2B3	4	13	Cerebrovascular disorder; Ischemic heart disease; Large artery stroke; Myocardial ischemia
TCF21	4	13	Heart disease; Ischemic heart disease; Large artery stroke; Myocardial ischemia
TCF7L2	4	13	Atherosclerosis; Kidney disease; Kidney failure; Myocardial ischemia
TLR4	4	13	Atherosclerosis; Ischemic heart disease; Kidney failure; Myocardial ischemia
ABCG5	3	13	Atherosclerosis; Ischemic heart disease; Myocardial ischemia
ACP1	3	13	Ischemic heart disease; Large artery stroke; Myocardial ischemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
AHSG	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
ANGPTL4	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
ANK2	3	13	Cerebrovascular disorder; Heart disease; Preeclampsia
APOB	3	13	Atherosclerosis; Ischemic heart disease; Myocardial ischemia
APOC1	3	13	Atherosclerosis; Heart disease; Myocardial ischemia
APOC3	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
ATP2B1	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
B2M	3	13	Heart disease; Kidney disease; Kidney failure
CDH13	3	13	Erectile dysfunction; Heart disease; Myocardial ischemia
CLCN6	3	13	Ischemic heart disease; Myocardial ischemia; Preeclampsia
CLU	3	13	Atherosclerosis; Kidney disease; Kidney failure
CNNM2	3	13	Kidney disease; Large artery stroke; Myocardial ischemia
COL4A2	3	13	Atherosclerosis; Heart disease; Myocardial ischemia
CUBN	3	13	Ischemic heart disease; Kidney disease; Myocardial ischemia
DDAH2	3	13	Ischemic heart disease; Myocardial ischemia; Preeclampsia
EPHX2	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
ESR1	3	13	Atherosclerosis; Ischemic heart disease; Myocardial ischemia
F5	3	13	Cerebrovascular disorder; Heart disease; Kidney failure
FABP2	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
FCGR2A	3	13	Atherosclerosis; Ischemic heart disease; Myocardial ischemia
FGA	3	13	Cerebrovascular disorder; Heart disease; Kidney disease
FGB	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
FGF2	3	13	Erectile dysfunction; Kidney disease; Myocardial ischemia
FGF5	3	13	Kidney disease; Kidney failure; Preeclampsia
GATM	3	13	Kidney disease; Kidney failure; Myocardial ischemia
GPX1	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
GSTP1	3	13	Kidney disease; Kidney failure; Myocardial ischemia
GSTT1	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
HBB	3	13	Heart disease; Kidney disease; Kidney failure
HHIPL1	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
HMGCR	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
HSPA1A	3	13	Atherosclerosis; Kidney failure; Myocardial ischemia
ICA1L	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
ICAM1	3	13	Atherosclerosis; Cerebrovascular disorder; Myocardial ischemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
IGF1	3	13	Kidney disease; Kidney failure; Myocardial ischemia
IL10	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
IL1B	3	13	Cerebrovascular disorder; Kidney failure; Myocardial ischemia
IL1RN	3	13	Cerebrovascular disorder; Kidney disease; Kidney failure
IL6R	3	13	Heart disease; Large artery stroke; Myocardial ischemia
KCNE2	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
KL	3	13	Ischemic heart disease; Kidney disease; Myocardial ischemia
LIPC	3	13	Ischemic heart disease; Kidney disease; Myocardial ischemia
LPL	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
LRP1B	3	13	Erectile dysfunction; Kidney disease; Kidney failure
MIA3	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
MLXIPL	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
MPO	3	13	Atherosclerosis; Kidney disease; Kidney failure
MRPS6	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
NAA25	3	13	Kidney disease; Kidney failure; Myocardial ischemia
NPPA	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
NQO1	3	13	Atherosclerosis; Kidney disease; Kidney failure
NR1H3	3	13	Cerebrovascular disorder; Kidney disease; Kidney failure
NYAP2	3	13	Heart disease; Kidney disease; Myocardial ischemia
OGG1	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
POMC	3	13	Kidney disease; Kidney failure; Myocardial ischemia
PPARG	3	13	Atherosclerosis; Kidney failure; Preeclampsia
PRDM8	3	13	Kidney disease; Kidney failure; Preeclampsia
PRKAG2	3	13	Cerebrovascular disorder; Kidney disease; Kidney failure
PROCR	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
RBP4	3	13	Ischemic heart disease; Kidney disease; Myocardial ischemia
SELE	3	13	Cerebrovascular disorder; Ischemic heart disease; Myocardial ischemia
SERPINA1	3	13	Kidney failure; Large artery stroke; Myocardial ischemia
SIRT1	3	13	Atherosclerosis; Heart disease; Kidney failure
SOD1	3	13	Atherosclerosis; Cerebrovascular disorder; Kidney failure
SOD2	3	13	Atherosclerosis; Kidney disease; Myocardial ischemia
SOD3	3	13	Heart disease; Ischemic heart disease; Myocardial ischemia
SPP1	3	13	Heart disease; Kidney disease; Kidney failure
SREBF1	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
STN1	3	13	Cerebrovascular disorder; Heart disease; Myocardial ischemia
TENM2	3	13	Heart disease; Kidney disease; Myocardial ischemia
TERT	3	13	Ischemic heart disease; Kidney disease; Myocardial ischemia
TP53	3	13	Ischemic heart disease; Kidney failure; Myocardial ischemia
WDR12	3	13	Ischemic heart disease; Large artery stroke; Myocardial ischemia
WWP2	3	13	Atherosclerosis; Heart disease; Myocardial ischemia
XRCC1	3	13	Erectile dysfunction; Ischemic heart disease; Myocardial ischemia
ZPR1	3	13	Heart disease; Large artery stroke; Myocardial ischemia
A4GALT	2	13	Kidney disease; Kidney failure
ABCB1	2	13	Heart disease; Kidney disease
ABCC6	2	13	Ischemic heart disease; Myocardial ischemia
ABCG2	2	13	Kidney disease; Kidney failure
ACACA	2	13	Acetyl-coa carboxylase deficiency; Erectile dysfunction
ACAD10	2	13	Kidney disease; Kidney failure
ACAT2	2	13	Ischemic heart disease; Myocardial ischemia
ACTB	2	13	Myocardial ischemia; Preeclampsia
ACTN4	2	13	Kidney disease; Preeclampsia
ADRB2	2	13	Kidney failure; Myocardial ischemia
ADRB3	2	13	Ischemic heart disease; Myocardial ischemia
ADTRP	2	13	Ischemic heart disease; Myocardial ischemia
AGK	2	13	Kidney disease; Kidney failure
AGL	2	13	Atherosclerosis; Kidney disease
AGXT2	2	13	Ischemic heart disease; Myocardial ischemia
AMPD1	2	13	Ischemic heart disease; Myocardial ischemia
ANKS1A	2	13	Ischemic heart disease; Myocardial ischemia
AP5B1	2	13	Kidney disease; Kidney failure
APCS	2	13	Ischemic heart disease; Myocardial ischemia
APEX1	2	13	Heart disease; Preeclampsia
APH1B	2	13	Ischemic heart disease; Myocardial ischemia
APOA5	2	13	Ischemic heart disease; Myocardial ischemia
APOL1	2	13	Kidney disease; Kidney failure
APOM	2	13	Ischemic heart disease; Myocardial ischemia
ARHGAP31	2	13	Ischemic heart disease; Myocardial ischemia
BCHE	2	13	Ischemic heart disease; Myocardial ischemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
BRINP3	2	13	Ischemic heart disease; Myocardial ischemia
BTNL2	2	13	Ischemic heart disease; Myocardial ischemia
C1ORF167	2	13	Ischemic heart disease; Myocardial ischemia
CARF	2	13	Ischemic heart disease; Myocardial ischemia
CBLN1	2	13	Kidney disease; Kidney failure
CBS	2	13	Ischemic heart disease; Myocardial ischemia
CCDC88A	2	13	Kidney disease; Peho-like syndrome
CCDC97	2	13	Heart disease; Myocardial ischemia
CCL3	2	13	Atherosclerosis; Myocardial ischemia
CCL4	2	13	Atherosclerosis; Myocardial ischemia
CCR2	2	13	Ischemic heart disease; Myocardial ischemia
CD40LG	2	13	Ischemic heart disease; Myocardial ischemia
CDKN2B	2	13	Ischemic heart disease; Myocardial ischemia
CELA2A	2	13	Atherosclerosis; Erectile dysfunction
CFAP47	2	13	Kidney disease; Kidney failure
CHRM3	2	13	Kidney disease; Kidney failure
CMKLR1	2	13	Erectile dysfunction; Preeclampsia
COL4A1	2	13	Kidney disease; Myocardial ischemia
COL4A3	2	13	Kidney disease; Kidney failure
COL4A4	2	13	Kidney disease; Kidney failure
COL6A3	2	13	Kidney disease; Kidney failure
COMMD10	2	13	Kidney disease; Kidney failure
CP	2	13	Kidney failure; Preeclampsia
CPE	2	13	Ischemic heart disease; Myocardial ischemia
CPS1	2	13	Kidney disease; Kidney failure
CSF3	2	13	Heart disease; Kidney disease
CST3	2	13	Kidney disease; Kidney failure
CTLA4	2	13	Kidney disease; Kidney failure
CUX2	2	13	Kidney disease; Kidney failure
CXCL10	2	13	Cerebrovascular disorder; Myocardial ischemia
CXCL12	2	13	Ischemic heart disease; Myocardial ischemia
CYBB	2	13	Kidney disease; Kidney failure
CYP1A1	2	13	Kidney disease; Kidney failure
CYP1A2	2	13	Kidney disease; Kidney failure

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
CYP2C8	2	13	Kidney disease; Kidney failure
CYP2R1	2	13	Ischemic heart disease; Myocardial ischemia
DAAM2	2	13	Kidney disease; Kidney failure
DAB2IP	2	13	Ischemic heart disease; Myocardial ischemia
DCDC1	2	13	Kidney disease; Kidney failure
DDAH1	2	13	Ischemic heart disease; Myocardial ischemia
DYNC2LI1	2	13	Kidney disease; Kidney failure
ECE1	2	13	Ischemic heart disease; Myocardial ischemia
ELL	2	13	Heart disease; Myocardial ischemia
ENSA	2	13	Heart disease; Myocardial ischemia
EPHX1	2	13	Myocardial ischemia; Preeclampsia
ERCC2	2	13	Ischemic heart disease; Myocardial ischemia
ESR2	2	13	Ischemic heart disease; Myocardial ischemia
ETS1	2	13	Kidney disease; Kidney failure
F7	2	13	Ischemic heart disease; Myocardial ischemia
FAM171A1	2	13	Heart disease; Kidney disease
FBXL7	2	13	Kidney disease; Kidney failure
FCGR3A	2	13	Ischemic heart disease; Myocardial ischemia
FES	2	13	Ischemic heart disease; Myocardial ischemia
FLT1	2	13	Large artery stroke; Preeclampsia
FN1	2	13	Kidney disease; Large artery stroke
FOXF2	2	13	Cerebrovascular disorder; Erectile dysfunction
G6PD	2	13	Cerebrovascular disorder; Kidney failure
GATA3	2	13	Kidney disease; Kidney failure
GCK	2	13	Ischemic heart disease; Myocardial ischemia
GCKR	2	13	Kidney disease; Kidney failure
GDF15	2	13	Ischemic heart disease; Myocardial ischemia
GFOD1	2	13	Ischemic heart disease; Myocardial ischemia
GGCX	2	13	Ischemic heart disease; Myocardial ischemia
GJA4	2	13	Ischemic heart disease; Myocardial ischemia
GNB3	2	13	Ischemic heart disease; Myocardial ischemia
GSTA1	2	13	Kidney failure; Myocardial ischemia
GSTM2	2	13	Kidney failure; Myocardial ischemia
GUCY1A1	2	13	Ischemic heart disease; Myocardial ischemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
HAVCR1	2	13	Kidney disease; Kidney failure
HNF1A	2	13	Ischemic heart disease; Myocardial ischemia
HP	2	13	Atherosclerosis; Kidney failure
HSPD1	2	13	Ischemic heart disease; Myocardial ischemia
IFNG	2	13	Atherosclerosis; Kidney failure
IL17A	2	13	Cerebrovascular disorder; Kidney disease
IL1A	2	13	Kidney failure; Myocardial ischemia
IL1RL1	2	13	Ischemic heart disease; Myocardial ischemia
INS	2	13	Kidney disease; Kidney failure
INVS	2	13	Kidney disease; Preeclampsia
IRAK1	2	13	Ischemic heart disease; Myocardial ischemia
IRF1	2	13	Cerebrovascular disorder; Myocardial ischemia
IRS1	2	13	Ischemic heart disease; Myocardial ischemia
ITGB3	2	13	Cerebrovascular disorder; Kidney failure
KALRN	2	13	Ischemic heart disease; Myocardial ischemia
LCN2	2	13	Kidney disease; Kidney failure
LIPG	2	13	Ischemic heart disease; Myocardial ischemia
LMOD1	2	13	Ischemic heart disease; Myocardial ischemia
LOXL4	2	13	Atherosclerosis; Myocardial ischemia
LRP1	2	13	Large artery stroke; Myocardial ischemia
LRP2	2	13	Kidney disease; Kidney failure
LRP8	2	13	Ischemic heart disease; Myocardial ischemia
LTA	2	13	Ischemic heart disease; Myocardial ischemia
LUM	2	13	Ischemic heart disease; Myocardial ischemia
MAPKAPK5	2	13	Kidney disease; Kidney failure
MAT2A	2	13	Ischemic heart disease; Myocardial ischemia
MC5R	2	13	Kidney disease; Kidney failure
MCF2L2	2	13	Kidney disease; Kidney failure
MMP13	2	13	Cerebrovascular disorder; Large artery stroke
MMP9	2	13	Ischemic heart disease; Myocardial ischemia
MOB1B	2	13	Kidney disease; Kidney failure
MORF4L1	2	13	Heart disease; Myocardial ischemia
MRAS	2	13	Ischemic heart disease; Myocardial ischemia
MT2A	2	13	Heart disease; Kidney failure

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
MYH9	2	13	Kidney disease; Kidney failure
MYLK	2	13	Ischemic heart disease; Myocardial ischemia
NAT2	2	13	Ischemic heart disease; Myocardial ischemia
NBEAL1	2	13	Ischemic heart disease; Myocardial ischemia
NEK4	2	13	Kidney disease; Kidney failure
NFATC1	2	13	Kidney disease; Kidney failure
NFE2L2	2	13	Kidney disease; Kidney failure
NLRP3	2	13	Kidney disease; Kidney failure
NOD2	2	13	Ischemic heart disease; Myocardial ischemia
NR3C1	2	13	Ischemic heart disease; Myocardial ischemia
NR4A1	2	13	Kidney disease; Myocardial ischemia
OLR1	2	13	Ischemic heart disease; Myocardial ischemia
OVOL1	2	13	Kidney disease; Kidney failure
P4HB	2	13	Heart disease; Myocardial ischemia
PAPPA	2	13	Ischemic heart disease; Myocardial ischemia
PARL	2	13	Ischemic heart disease; Myocardial ischemia
PARP1	2	13	Atherosclerosis; Kidney disease
PAX4	2	13	Kidney disease; Kidney failure
PCSK9	2	13	Heart disease; Myocardial ischemia
PDGFD	2	13	Ischemic heart disease; Myocardial ischemia
PDILT	2	13	Kidney disease; Kidney failure
PECAM1	2	13	Ischemic heart disease; Myocardial ischemia
PLA2G2A	2	13	Atherosclerosis; Myocardial ischemia
PLAT	2	13	Atherosclerosis; Cerebrovascular disorder
PLAU	2	13	Cerebrovascular disorder; Kidney failure
PLCE1	2	13	Kidney disease; Preeclampsia
PNPLA3	2	13	Ischemic heart disease; Myocardial ischemia
PON2	2	13	Ischemic heart disease; Myocardial ischemia
PPP2CA	2	13	Heart disease; Myocardial ischemia
PRDM16	2	13	Ischemic heart disease; Myocardial ischemia
PTPN1	2	13	Ischemic heart disease; Myocardial ischemia
PTPN22	2	13	Ischemic heart disease; Myocardial ischemia
PTPRD	2	13	Ischemic heart disease; Myocardial ischemia
RABGAP1	2	13	Kidney disease; Kidney failure

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
RCSD1	2	13	Kidney disease; Kidney failure
RD3	2	13	Kidney disease; Kidney failure
RNMT	2	13	Kidney disease; Kidney failure
RYR2	2	13	Heart disease; Myocardial ischemia
SARS1	2	13	Ischemic heart disease; Myocardial ischemia
SERPINH1	2	13	Heart disease; Myocardial ischemia
SLC22A2	2	13	Kidney disease; Kidney failure
SLC30A1	2	13	Kidney disease; Kidney failure
SLC34A1	2	13	Kidney disease; Kidney failure
SLC5A3	2	13	Ischemic heart disease; Myocardial ischemia
SMAD3	2	13	Heart disease; Myocardial ischemia
SND1	2	13	Kidney disease; Kidney failure
SNRPB2	2	13	Kidney disease; Kidney failure
SOAT2	2	13	Ischemic heart disease; Myocardial ischemia
SOCS3	2	13	Atherosclerosis; Myocardial ischemia
SORT1	2	13	Ischemic heart disease; Myocardial ischemia
SOS2	2	13	Kidney disease; Kidney failure
SPARC	2	13	Kidney disease; Myocardial ischemia
STAB1	2	13	Kidney disease; Kidney failure
SWAP70	2	13	Large artery stroke; Myocardial ischemia
TBX2	2	13	Ischemic heart disease; Myocardial ischemia
TBX3	2	13	Cerebrovascular disorder; Heart disease
TEX2	2	13	Heart disease; Myocardial ischemia
TFF3	2	13	Kidney disease; Kidney failure
THBD	2	13	Kidney disease; Kidney failure
TLL1	2	13	Ischemic heart disease; Myocardial ischemia
TMEM18	2	13	Kidney disease; Kidney failure
TNNT2	2	13	Heart disease; Myocardial ischemia
TPPP	2	13	Kidney disease; Kidney failure
TRAF6	2	13	Ischemic heart disease; Myocardial ischemia
TRIB1	2	13	Ischemic heart disease; Myocardial ischemia
TRPC6	2	13	Kidney disease; Preeclampsia
TTR	2	13	Heart disease; Kidney failure
UCP2	2	13	Cerebrovascular disorder; Kidney failure

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
UMOD	2	13	Kidney disease; Kidney failure
USP38	2	13	Kidney disease; Kidney failure
VAMP5	2	13	Ischemic heart disease; Myocardial ischemia
VAMP8	2	13	Ischemic heart disease; Myocardial ischemia
VCAM1	2	13	Atherosclerosis; Myocardial ischemia
VDR	2	13	Ischemic heart disease; Myocardial ischemia
VIM	2	13	Atherosclerosis; Kidney disease
VWF	2	13	Heart disease; Kidney failure
WDR72	2	13	Kidney disease; Kidney failure
WLS	2	13	Preeclampsia; Zaki syndrome
WRN	2	13	Ischemic heart disease; Myocardial ischemia
XDH	2	13	Heart disease; Kidney failure
XRCC3	2	13	Ischemic heart disease; Myocardial ischemia
ZBTB26	2	13	Kidney disease; Kidney failure
ZDHHC11B	2	13	Kidney disease; Kidney failure