

GeDiPNet Cluster 112 -- 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: 2026-10-08 03:15:01. · Rows: 103 · Generated: 2026-10-08 12:10:21

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
TBX1	6	10	Congenital heart defects; Congenital heart disease; Conotruncal cardiac defect; Craniofacial abnormalities; Hypoplastic left heart syndrome; Tetralogy of fallot
AHR	4	10	Congenital heart defects; Congenital heart disease; Conotruncal cardiac defect; Craniofacial abnormalities
GDF1	4	10	Congenital heart defects; Congenital heart disease; Conotruncal cardiac defect; Tetralogy of fallot
MYH7	4	10	Congenital heart defects; Congenital heart disease; Hypoplastic left heart syndrome; Tetralogy of fallot
NIPBL	4	10	Congenital heart defects; Congenital heart disease; Craniofacial abnormalities; Tetralogy of fallot
NKX2-5	4	10	Congenital heart disease; Conotruncal cardiac defect; Hypoplastic left heart syndrome; Tetralogy of fallot
NOTCH1	4	10	Congenital heart disease; Craniofacial abnormalities; Hypoplastic left heart syndrome; Tetralogy of fallot
ABL1	3	10	Congenital heart defects; Congenital heart disease; Tetralogy of fallot
CERS1	3	10	Congenital heart defects; Congenital heart disease; Tetralogy of fallot
CRIPTO	3	10	Congenital heart defects; Congenital heart disease; Tetralogy of fallot
FOXH1	3	10	congenital heart disease; Conotruncal cardiac defect; Tetralogy of fallot
FOXP1	3	10	Congenital heart defects; Congenital heart disease; Hypoplastic left heart syndrome
FOXP2	3	10	Congenital heart disease; Conotruncal cardiac defect; Craniofacial abnormalities
GATA4	3	10	Congenital heart defects; Congenital heart disease; Tetralogy of fallot
GATA6	3	10	Congenital heart defects; Conotruncal cardiac defect; Tetralogy of fallot
HAND1	3	10	Congenital heart disease; Hypoplastic left heart syndrome; Tetralogy of fallot
HAND2	3	10	Congenital heart defects; Congenital heart disease; Tetralogy of fallot
LEFTY2	3	10	Congenital heart defects; Congenital heart disease; Tetralogy of fallot
MCTP2	3	10	Chromosome 15q deletion syndrome; Congenital heart disease; Tetralogy of fallot
MYH6	3	10	Congenital heart defects; Hypoplastic left heart syndrome; Tetralogy of fallot
NKX2-6	3	10	Congenital heart disease; Conotruncal cardiac defect; Tetralogy of fallot
PITX2	3	10	Congenital heart defects; Congenital heart disease; Craniofacial abnormalities
RBFOX2	3	10	Congenital heart disease; Hypoplastic left heart syndrome; Tetralogy of fallot
RCAN1	3	10	Congenital heart defects; Congenital heart disease; Craniofacial abnormalities
STRA6	3	10	Congenital heart defects; Congenital heart disease; Craniofacial abnormalities
TBX20	3	10	Congenital heart disease; Hypoplastic left heart syndrome; Tetralogy of fallot
TGFB2	3	10	Congenital heart defects; Congenital heart disease; Craniofacial abnormalities
UFD1	3	10	Congenital heart defects; Congenital heart disease; Craniofacial abnormalities
ZIC3	3	10	Congenital heart disease; Craniofacial abnormalities; Tetralogy of fallot
ADAM29	2	10	Congenital heart disease; Conotruncal cardiac defect
ADAMTS19	2	10	Congenital heart defects; Congenital heart disease

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
ANKRD1	2	10	Congenital heart disease; Tetralogy of fallot
ANKRD11	2	10	Congenital heart disease; Tetralogy of fallot
BMPR1A	2	10	Congenital heart disease; Craniofacial abnormalities
CARTPT	2	10	Congenital heart disease; Conotruncal cardiac defect
CDH13	2	10	Congenital heart disease; Conotruncal cardiac defect
CDK13	2	10	Congenital heart defects; Congenital heart disease
CFAP53	2	10	Hypoplastic left heart syndrome; Tetralogy of fallot
CITED2	2	10	Congenital heart disease; Tetralogy of fallot
COL11A2	2	10	Congenital heart defects; Craniofacial abnormalities
COL2A1	2	10	Congenital heart defects; Craniofacial abnormalities
CRELD1	2	10	Congenital heart disease; Tetralogy of fallot
CTSG	2	10	Congenital heart disease; Conotruncal cardiac defect
DCHS1	2	10	Congenital heart disease; Tetralogy of fallot
DDB1	2	10	Congenital heart defects; White-kernohan syndrome
ECE1	2	10	Congenital heart defects; Craniofacial abnormalities
EDN1	2	10	Congenital heart defects; Craniofacial abnormalities
EDNRA	2	10	Congenital heart defects; Craniofacial abnormalities
ETV2	2	10	Congenital heart defects; Hypoplastic left heart syndrome
EYA1	2	10	Congenital heart defects; Craniofacial abnormalities
FGF8	2	10	Congenital heart disease; Craniofacial abnormalities
FLNA	2	10	Congenital heart defects; Tetralogy of fallot
FLT4	2	10	Congenital heart disease; Tetralogy of fallot
FOLR1	2	10	Congenital heart defects; Craniofacial abnormalities
FOXC2	2	10	Craniofacial abnormalities; Tetralogy of fallot
FOXL1	2	10	Congenital heart disease; Tetralogy of fallot
GATA5	2	10	Congenital heart disease; Tetralogy of fallot
GJA1	2	10	Congenital heart disease; Hypoplastic left heart syndrome
GJA5	2	10	Congenital heart disease; Tetralogy of fallot
GNAQ	2	10	Congenital heart defects; Craniofacial abnormalities
GP1BB	2	10	Congenital heart defects; Craniofacial abnormalities
HEY2	2	10	Congenital heart disease; Tetralogy of fallot
HOXA1	2	10	Congenital heart defects; Craniofacial abnormalities
HOXA3	2	10	Congenital heart defects; Craniofacial abnormalities
IQCJ	2	10	Congenital heart disease; Conotruncal cardiac defect

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
IQCJ-SCHIP1	2	10	Congenital heart disease; Conotruncal cardiac defect
IRX4	2	10	Congenital heart disease; Tetralogy of fallot
IRX5	2	10	Congenital heart defects; Craniofacial abnormalities
ISL1	2	10	Congenital heart defects; Congenital heart disease
JAG1	2	10	Congenital heart defects; Tetralogy of fallot
KDM5A	2	10	Congenital heart disease; El-hayek-chahrour neurodevelopmental syndrome
LRP2	2	10	Congenital heart disease; Craniofacial abnormalities
MAP1B	2	10	Congenital heart disease; Conotruncal cardiac defect
MED13L	2	10	Congenital heart disease; Tetralogy of fallot
MTHFR	2	10	Congenital heart defects; Tetralogy of fallot
MYH11	2	10	Congenital heart disease; Tetralogy of fallot
MYRF	2	10	Congenital heart defects; Tetralogy of fallot
NFATC1	2	10	Congenital heart defects; Congenital heart disease
NONO	2	10	Congenital heart disease; Tetralogy of fallot
NPPB	2	10	Congenital heart defects; Congenital heart disease
NR2F2	2	10	Congenital heart disease; Tetralogy of fallot
NRP1	2	10	Congenital heart disease; Tetralogy of fallot
PDGFRA	2	10	Congenital heart disease; Craniofacial abnormalities
PLXND1	2	10	Congenital heart disease; Tetralogy of fallot
POU5F1	2	10	Congenital heart defects; Congenital heart disease
PRKD1	2	10	Congenital heart disease; Tetralogy of fallot
PTCH1	2	10	Congenital heart disease; Craniofacial abnormalities
ROBO1	2	10	Congenital heart disease; Tetralogy of fallot
SCHIP1	2	10	Congenital heart disease; Conotruncal cardiac defect
SLC29A3	2	10	Congenital heart defects; Congenital heart disease
SMAD2	2	10	Congenital heart disease; Craniofacial abnormalities
SMAD6	2	10	Congenital heart disease; Tetralogy of fallot
SOX7	2	10	Congenital heart disease; Tetralogy of fallot
SRF	2	10	Congenital heart disease; Tetralogy of fallot
TAB2	2	10	Congenital heart disease; Tetralogy of fallot
TAF1	2	10	Congenital heart disease; Tetralogy of fallot
TBX5	2	10	Congenital heart disease; Tetralogy of fallot
TFAP2B	2	10	Craniofacial abnormalities; Tetralogy of fallot
TLL1	2	10	Congenital heart disease; Tetralogy of fallot

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
TMEM260	2	10	Tetralogy of fallot; Truncus arteriosus
VEGFA	2	10	Congenital heart defects; Congenital heart disease
ZEB2	2	10	Congenital heart defects; Congenital heart disease
ZFPM2	2	10	Conotruncal cardiac defect; Tetralogy of fallot