

GeDiPNet Cluster 44 -- 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: 69 · Generated: 2026-10-07 19:39:36

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
COL2A1	5	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias; Spondyloepimetaphyseal dysplasia; Spondyloepiphyseal dysplasia
TRPV4	5	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias; Spondyloepimetaphyseal dysplasia; Spondyloepiphyseal dysplasia
COL11A1	4	16	Carpal tunnel syndrome; Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
COL11A2	4	16	Carpal tunnel syndrome; Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
COMP	4	16	Carpal tunnel syndrome; Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
HSPG2	4	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias; Spondyloepiphyseal dysplasia
MATN3	4	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias; Spondyloepimetaphyseal dysplasia
ADAMTSL2	3	16	Carpal tunnel syndrome; Congenital cartilage disorder; Osteochondrodysplasias
B3GALT6	3	16	B3GALT6-congenital disorder of glycosylation; Spondyloepimetaphyseal dysplasia; Spondyloepiphyseal dysplasia
CHST3	3	16	Congenital cartilage disorder; Osteochondrodysplasias; Spondyloepiphyseal dysplasia
COL10A1	3	16	Carpal tunnel syndrome; Congenital cartilage disorder; Osteochondrodysplasias
COL9A1	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
COL9A2	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
COL9A3	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
DYM	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
FLNA	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
FLNB	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
GLB1	3	16	Congenital cartilage disorder; Osteochondrodysplasias; Spondyloepiphyseal dysplasia
LIFR	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
PTH1R	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
SLC26A2	3	16	Congenital cartilage disorder; Connective tissue disease; Osteochondrodysplasias
TRAPPC2	3	16	Connective tissue disease; Osteochondrodysplasias; Spondyloepiphyseal dysplasia
ACAN	2	16	Spondyloepimetaphyseal dysplasia; Spondyloepiphyseal dysplasia
BASP1	2	16	Connective tissue disease; Mixed connective tissue disease
BCL2	2	16	Congenital cartilage disorder; Osteochondrodysplasias
BMPR1B	2	16	Congenital cartilage disorder; Osteochondrodysplasias
CCS	2	16	Carpal tunnel syndrome; Copper metabolism disorder
CDH4	2	16	Connective tissue disease; Mixed connective tissue disease
CDYL	2	16	Connective tissue disease; Mixed connective tissue disease
DDR2	2	16	Connective tissue disease; Spondyloepimetaphyseal dysplasia
DLL3	2	16	Congenital cartilage disorder; Osteochondrodysplasias

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
EFEMP1	2	16	Carpal tunnel syndrome; Connective tissue disease
ERI1	2	16	Hoxha-aliu syndrome; Spondyloepimetaphyseal dysplasia
EXOC6B	2	16	Spondyloepimetaphyseal dysplasia; spondyloepimetaphyseal dysplasia with joint laxity, type 3
FBN1	2	16	Connective tissue disease; Mixed connective tissue disease
FBN2	2	16	Carpal tunnel syndrome; Connective tissue disease
FLT1	2	16	Congenital cartilage disorder; Osteochondrodysplasias
GNPNAT1	2	16	Osteochondrodysplasias; Rhizomelic dysplasia, ain-naz type
HDAC4	2	16	Connective tissue disease; Mixed connective tissue disease
HHEX	2	16	Connective tissue disease; Mixed connective tissue disease
HOXA11	2	16	Congenital cartilage disorder; Osteochondrodysplasias
KCNMB2	2	16	Connective tissue disease; Mixed connective tissue disease
KDR	2	16	Congenital cartilage disorder; Osteochondrodysplasias
LPAR3	2	16	Connective tissue disease; Mixed connective tissue disease
LRP11	2	16	Connective tissue disease; Mixed connective tissue disease
MBTPS1	2	16	Spondyloepiphyseal dysplasia; spondyloepiphyseal dysplasia, kondo-fu type
MYRIP	2	16	Connective tissue disease; Mixed connective tissue disease
NANS	2	16	Spondyloepimetaphyseal dysplasia; spondyloepimetaphyseal dysplasia, genevieve type
OFD1	2	16	Connective tissue disease; Spondyloepiphyseal dysplasia
PBLD	2	16	Connective tissue disease; Mixed connective tissue disease
PCLO	2	16	Connective tissue disease; Mixed connective tissue disease
PFKP	2	16	Connective tissue disease; Mixed connective tissue disease
PTGIS	2	16	Connective tissue disease; Mixed connective tissue disease
PTPRN2	2	16	Connective tissue disease; Mixed connective tissue disease
RPL13	2	16	Spondyloepimetaphyseal dysplasia; Spondyloepiphyseal dysplasia
SLC35D1	2	16	Connective tissue disease; schneckenbecken dysplasia
SLC39A13	2	16	Connective tissue disease; Spondyloepimetaphyseal dysplasia
SLC4A10	2	16	Connective tissue disease; Mixed connective tissue disease
SNRPB	2	16	Cerebrocostomandibular syndrome; Mixed connective tissue disease
SNRPC	2	16	Connective tissue disease; Mixed connective tissue disease
SOST	2	16	Congenital cartilage disorder; Osteochondrodysplasias
SOX14	2	16	Connective tissue disease; Mixed connective tissue disease
SPOP	2	16	Connective tissue disease; Mixed connective tissue disease
SSX2IP	2	16	Connective tissue disease; Mixed connective tissue disease
TGFB1	2	16	Congenital cartilage disorder; Osteochondrodysplasias

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
TRIM55	2	16	Connective tissue disease; Mixed connective tissue disease
TRPS1	2	16	Congenital cartilage disorder; Osteochondrodysplasias
UIMC1	2	16	Connective tissue disease; Mixed connective tissue disease
VEGFA	2	16	Congenital cartilage disorder; Osteochondrodysplasias