

GeDiPNet Cluster 141 -- 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: 60 · Generated: 2026-10-08 12:11:17

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
BLK	5	9	Kawasaki disease; Myositis; Polymyositis; Sjogren syndrome; Systemic sclerosis
HLA-DQB1	5	9	Kawasaki disease; Myositis; Polymyositis; Sjogren syndrome; Systemic sclerosis
DGKQ	4	9	Myositis; Polymyositis; Sjogren syndrome; Systemic sclerosis
FAM167A	4	9	Kawasaki disease; Myositis; Polymyositis; Systemic sclerosis
PTPN22	4	9	Myositis; Polymyositis; Sjogren syndrome; Systemic sclerosis
STAT4	4	9	Myositis; Polymyositis; Sjogren syndrome; Systemic sclerosis
TNFAIP3	4	9	Autoinflammatory syndrome, familial, behcet-like; Myositis; Sjogren syndrome; Systemic sclerosis
ATG5	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
HLA-DQA1	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
HLA-DRA	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
HLA-DRB1	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
IL1B	3	9	Dry eye syndrome; Polymyositis; Systemic sclerosis
IL6	3	9	Dry eye syndrome; Polymyositis; Sjogren syndrome
IRF5	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
LTA	3	9	Kawasaki disease; Sjogren syndrome; Systemic sclerosis
NAB1	3	9	Myositis; Polymyositis; Systemic sclerosis
PRR12	3	9	Myositis; Neuroocular syndrome; Systemic sclerosis
THSD7A	3	9	Dry eye syndrome; Polymyositis; Sjogren syndrome
TNF	3	9	Kawasaki disease; Polymyositis; Sjogren syndrome
TNIP1	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
TNPO3	3	9	Myositis; Sjogren syndrome; Systemic sclerosis
ARL14	2	9	Myositis; Systemic sclerosis
C1QL1	2	9	Dry eye syndrome; Sjogren syndrome
CCDC116	2	9	Myositis; Systemic sclerosis
CCNG1	2	9	Dry eye syndrome; Sjogren syndrome
CCR5	2	9	Kawasaki disease; Sjogren syndrome
CXCR5	2	9	Sjogren syndrome; Systemic sclerosis
DCHS2	2	9	Dry eye syndrome; Sjogren syndrome
DNASE1L3	2	9	Myositis; Systemic sclerosis
DRD4	2	9	Myositis; Systemic sclerosis
EIF4H	2	9	Myositis; Systemic sclerosis

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
ELN	2	9	Polymyositis; Systemic sclerosis
FAM241B	2	9	Dry eye syndrome; Sjogren syndrome
FCGR2A	2	9	Kawasaki disease; Sjogren syndrome
GLS	2	9	Myositis; Systemic sclerosis
HLA-DPB1	2	9	Sjogren syndrome; Systemic sclerosis
IL12RB2	2	9	Myositis; Systemic sclerosis
IL1RN	2	9	Myositis; Sjogren syndrome
KCNB2	2	9	Dry eye syndrome; Sjogren syndrome
KCP	2	9	Sjogren syndrome; Systemic sclerosis
LIMK1	2	9	Myositis; Systemic sclerosis
MICB	2	9	Kawasaki disease; Myositis
MMP9	2	9	Sjogren syndrome; Systemic sclerosis
NAV2	2	9	Dry eye syndrome; Sjogren syndrome
NCF2	2	9	Myositis; Systemic sclerosis
NMT1	2	9	Dry eye syndrome; Sjogren syndrome
PHTF1	2	9	Myositis; Systemic sclerosis
PPP2R2B	2	9	Dry eye syndrome; Sjogren syndrome
PTPN11	2	9	Myositis; Systemic sclerosis
RSBN1	2	9	Myositis; Systemic sclerosis
SCT	2	9	Myositis; Systemic sclerosis
SDC2	2	9	Dry eye syndrome; Sjogren syndrome
SDK2	2	9	Myositis; Polymyositis
SLC1A2	2	9	developmental and epileptic encephalopathy, 41; Myositis
SMG7	2	9	Myositis; Systemic sclerosis
TNFSF4	2	9	Myositis; Systemic sclerosis
TSBP1	2	9	Kawasaki disease; Sjogren syndrome
TWIST2	2	9	Dry eye syndrome; Sjogren syndrome
TYK2	2	9	Myositis; Systemic sclerosis
YDJC	2	9	Myositis; Systemic sclerosis