

GeDiPNet Cluster 10 -- 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: 59 · Generated: 2026-10-08 05:13:09

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
CARMIL2	4	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency; severe combined immunodeficiency due to CARMIL2 deficiency
CD3G	4	28	Combined immunodeficiency disease; combined immunodeficiency due to CD3gamma deficiency; Immunodeficiency; Severe combined immunodeficiency
CTPS1	4	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency; severe combined immunodeficiency due to CTPS1 deficiency
LCK	4	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency; severe combined immunodeficiency due to LCK deficiency
STK4	4	28	Combined immunodeficiency disease; combined immunodeficiency due to STK4 deficiency; Immunodeficiency; Severe combined immunodeficiency
CARD11	3	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency
CD3D	3	28	Immunodeficiency; immunodeficiency 19; Severe combined immunodeficiency
CD3E	3	28	Immunodeficiency; immunodeficiency 18; Severe combined immunodeficiency
FOXN1	3	28	Combined immunodeficiency disease; Severe combined immunodeficiency; t-cell immunodeficiency, congenital alopecia, and nail dystrophy
GINS1	3	28	Combined immunodeficiency disease; combined immunodeficiency due to GINS1 deficiency; Immunodeficiency
IKBKB	3	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency
LRBA	3	28	Combined immunodeficiency disease; combined immunodeficiency due to LRBA deficiency; Severe combined immunodeficiency
MALT1	3	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency
MSN	3	28	Combined immunodeficiency disease; combined immunodeficiency due to moesin deficiency; Immunodeficiency
PGM3	3	28	Immunodeficiency; immunodeficiency 23; Severe combined immunodeficiency
RELB	3	28	Combined immunodeficiency disease; Immunodeficiency; immunodeficiency 53
TFRC	3	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency
TNFRSF4	3	28	Combined immunodeficiency disease; combined immunodeficiency due to OX40 deficiency; Immunodeficiency
ZAP70	3	28	Combined immunodeficiency disease; Immunodeficiency; Severe combined immunodeficiency
AK2	2	28	reticular dysgenesis; Severe combined immunodeficiency
ARPC1B	2	28	Combined immunodeficiency disease; Immunodeficiency
BCL11B	2	28	Combined immunodeficiency disease; Immunodeficiency
CD247	2	28	Immunodeficiency; Severe combined immunodeficiency
CD70	2	28	Combined immunodeficiency disease; Severe combined immunodeficiency
COPG1	2	28	Immunodeficiency; non-severe combined immunodeficiency due to COPG1 deficiency
CORO1A	2	28	Immunodeficiency; Severe combined immunodeficiency
DEF6	2	28	Immunodeficiency; immunodeficiency 87 and autoimmunity
DOCK2	2	28	Combined immunodeficiency disease; Immunodeficiency
DOCK8	2	28	Combined immunodeficiency disease; Severe combined immunodeficiency
DOP1A	2	28	Immunodeficiency; Severe combined immunodeficiency
ERBIN	2	28	autosomal dominant combined immunodeficiency due to ERBIN deficiency; Combined immunodeficiency disease

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FCHO1	2	28	Combined immunodeficiency disease; Immunodeficiency
ICOSLG	2	28	Combined immunodeficiency disease; Immunodeficiency
IFNGR1	2	28	Immunodeficiency; Interferon gamma receptor deficiency
IFNGR2	2	28	Immunodeficiency; Interferon gamma receptor deficiency
IL21R	2	28	Combined immunodeficiency disease; Immunodeficiency
IL2RG	2	28	Combined immunodeficiency disease; Severe combined immunodeficiency
IL6ST	2	28	Combined immunodeficiency disease; Immunodeficiency
IL7R	2	28	Immunodeficiency; Severe combined immunodeficiency
IRF4	2	28	Combined immunodeficiency disease; Immunodeficiency
IRF9	2	28	Immunodeficiency; immunodeficiency 65, susceptibility to viral infections
JAK3	2	28	Severe combined immunodeficiency; T-B+ severe combined immunodeficiency due to JAK3 deficiency
LAT	2	28	Immunodeficiency; Severe combined immunodeficiency
LCP2	2	28	Immunodeficiency; immunodeficiency 81
LIG1	2	28	Immunodeficiency; immunodeficiency 96
MCM10	2	28	Immunodeficiency; immunodeficiency 80 with or without congenital cardiomyopathy
MST1	2	28	Combined immunodeficiency disease; Immunodeficiency
NHEJ1	2	28	Immunodeficiency; Severe combined immunodeficiency
ORAI1	2	28	Combined immunodeficiency disease; Immunodeficiency
PNP	2	28	purine nucleoside phosphorylase deficiency; Severe combined immunodeficiency
POLD1	2	28	Combined immunodeficiency disease; Immunodeficiency
PRKDC	2	28	Immunodeficiency; Severe combined immunodeficiency
PTPRC	2	28	Immunodeficiency; Severe combined immunodeficiency
RAG1	2	28	Combined immunodeficiency disease; Severe combined immunodeficiency
RAG2	2	28	Immunodeficiency; Severe combined immunodeficiency
REL	2	28	Combined immunodeficiency disease; Immunodeficiency
SLC19A1	2	28	Combined immunodeficiency disease; Immunodeficiency
STIM1	2	28	Combined immunodeficiency disease; Immunodeficiency
TMEM50B	2	28	Immunodeficiency; Interferon gamma receptor deficiency