

GeDiPNet Cluster 105 -- 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: 2026-10-10 03:15:01. · Rows: 37 · Generated: 2026-10-10 06:18:02

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
HBB	6	11	Anemia; Erythrocytosis; Hemolytic anemia; Hereditary hemolytic anemia; Polycythemia; Secondary polycythemia
BPGM	5	11	Bisphosphoglycerate mutase deficiency; Erythrocytosis; Hemolytic anemia; Hereditary hemolytic anemia; Secondary polycythemia
EPO	5	11	Anemia; Erythrocytosis; Hemolytic anemia; Polycythemia; Secondary polycythemia
HBA1	4	11	Anemia; Erythrocytosis; Polycythemia; Secondary polycythemia
HK1	4	11	Anemia; Hemolytic anemia; Hereditary hemolytic anemia; Polycythemia
EGLN1	3	11	Erythrocytosis; Polycythemia; Secondary polycythemia
EPAS1	3	11	Erythrocytosis; Polycythemia; Secondary polycythemia
EPOR	3	11	Anemia; Erythrocytosis; Polycythemia
GCLC	3	11	Coronary vessel anomalies; Hemolytic anemia; Hereditary hemolytic anemia
HBA2	3	11	Anemia; Erythrocytosis; Secondary polycythemia
JAK2	3	11	Anemia; Erythrocytosis; Polycythemia
VHL	3	11	Erythrocytosis; Polycythemia; Secondary polycythemia
ABO	2	11	Anemia; Hemolytic anemia
ACE	2	11	Anemia; Polycythemia
ANK1	2	11	Anemia; Hemolytic anemia
FAM234A	2	11	Anemia; Hereditary hemolytic anemia
G6PD	2	11	Anemia; Hemolytic anemia
GATA1	2	11	Anemia; Hemolytic anemia
GH1	2	11	Anemia; Polycythemia
GPI	2	11	Hemolytic anemia; Hereditary hemolytic anemia
GPX1	2	11	Anemia; Hereditary hemolytic anemia
GSR	2	11	Anemia; Hemolytic anemia
GSS	2	11	Hereditary hemolytic anemia; inherited glutathione synthetase deficiency
H2BC4	2	11	Anemia; Polycythemia
HFE	2	11	Anemia; Polycythemia
HP	2	11	Anemia; Hemolytic anemia
IFNA2	2	11	Anemia; Hemolytic anemia
INSL6	2	11	Erythrocytosis; Polycythemia
ITPA	2	11	Anemia; Hemolytic anemia
LUC7L	2	11	Anemia; Hereditary hemolytic anemia
PRKCE	2	11	Anemia; Polycythemia

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SBF2	2	11	Charcot-Marie-Tooth disease type 4B2; Hemolytic anemia
SHH	2	11	Anemia; Hemolytic anemia
SLC30A10	2	11	Cirrhosis-dystonia-polycythemia-hypermanganesemia syndrome; Polycythemia
SPTA1	2	11	Anemia; Hemolytic anemia
SPTB	2	11	Anemia; Hemolytic anemia
TMPRSS6	2	11	Anemia; Polycythemia