

GeDiPNet Cluster 45 -- 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: 20 · Generated: 2026-10-07 06:46:30

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
CDKN2A	11	16	Atypical multiple mole melanoma syndrome; B-cell acute lymphoblastic leukemia; B-lymphoblastic leukemia/lymphoma; Brain stem neoplasms; Carcinogenesis; Endometrial hyperplasia; Li-fraumeni syndrome; melanoma-pancreatic cancer syndrome; Nasopharyngeal carcinoma; Trisomy; Vulvar lichen sclerosus
TP53	5	16	B-lymphoblastic leukemia/lymphoma; Endometrial hyperplasia; Li-fraumeni syndrome; Nasopharyngeal carcinoma; Vulvar lichen sclerosus
FLT3	4	16	B-cell acute lymphoblastic leukemia; B-lymphoblastic leukemia/lymphoma; leukemia, acute myeloid, susceptibility to; Lymphoblastic leukemia
GATA3	3	16	B-cell acute lymphoblastic leukemia; B-lymphoblastic leukemia/lymphoma; Carcinogenesis
IKZF1	3	16	B-cell acute lymphoblastic leukemia; B-lymphoblastic leukemia/lymphoma; Lymphoblastic leukemia
KRAS	3	16	Carcinogenesis; Endometrial hyperplasia; Nasopharyngeal carcinoma
PIP4K2A	3	16	B-cell acute lymphoblastic leukemia; B-lymphoblastic leukemia/lymphoma; Lymphoblastic leukemia
ABL1	2	16	B-lymphoblastic leukemia/lymphoma; Carcinogenesis
ARID5B	2	16	B-cell acute lymphoblastic leukemia; Lymphoblastic leukemia
BCR	2	16	B-lymphoblastic leukemia/lymphoma; Lymphoblastic leukemia
CEBP E	2	16	B-cell acute lymphoblastic leukemia; Lymphoblastic leukemia
ERBB2	2	16	Carcinogenesis; Nasopharyngeal carcinoma
GSDMB	2	16	B-cell acute lymphoblastic leukemia; Lymphoblastic leukemia
HYOU1	2	16	B-cell acute lymphoblastic leukemia; granulocytopenia with immunoglobulin abnormality
LHPP	2	16	B-cell acute lymphoblastic leukemia; Lymphoblastic leukemia
PAX5	2	16	B-lymphoblastic leukemia/lymphoma; Lymphoblastic leukemia
POU5F1	2	16	Carcinogenesis; Gestational trophoblastic disease
PPM1D	2	16	Brain stem neoplasms; Intellectual developmental disorder growth other organ
PTEN	2	16	Endometrial hyperplasia; Nasopharyngeal carcinoma
TP63	2	16	Lymphoblastic leukemia; Nasopharyngeal carcinoma