

GeDiPNet Cluster 49 -- 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: 27 · Generated: 2026-10-07 03:46:49

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
PTPN11	10	16	Blepharoptosis; Cardiofaciocutaneous syndrome; Congenital malformation syndromes associated with short stature; Costello syndrome; Leopard syndrome; Myelomonocytic leukemia; Non-immune hydrops fetalis; Noonan syndrome; noonan syndrome with multiple lentigines; Osteochondroma
BRAF	6	16	Cardiofaciocutaneous syndrome; Congenital malformation syndromes associated with short stature; Costello syndrome; Leopard syndrome; Noonan syndrome; Noonan syndrome with multiple lentigines
NRAS	6	16	Cardiofaciocutaneous syndrome; Costello syndrome; Leopard syndrome; Myelomonocytic leukemia; Noonan syndrome; Noonan syndrome with multiple lentigines
KRAS	5	16	Cardiofaciocutaneous syndrome; Costello syndrome; Myelomonocytic leukemia; Non-immune hydrops fetalis; Noonan syndrome
MAP2K1	5	16	Cardiofaciocutaneous syndrome; Costello syndrome; Leopard syndrome; Noonan syndrome; Noonan syndrome with multiple lentigines
RAF1	5	16	Cardiofaciocutaneous syndrome; Costello syndrome; Leopard syndrome; Noonan syndrome; Noonan syndrome with multiple lentigines
SHOC2	5	16	Cardiofaciocutaneous syndrome; Costello syndrome; Non-immune hydrops fetalis; Noonan syndrome; Noonan syndrome-like disorder with loose anagen hair
SOS1	5	16	Blepharoptosis; Cardiofaciocutaneous syndrome; Corticobasal degeneration; Costello syndrome; Noonan syndrome
HRAS	4	16	Cardiofaciocutaneous syndrome; Costello syndrome; Non-immune hydrops fetalis; Noonan syndrome
MAP2K2	4	16	Cardiofaciocutaneous syndrome; Costello syndrome; Leopard syndrome; Noonan syndrome
RIT1	4	16	Cardiofaciocutaneous syndrome; Congenital malformation syndromes associated with short stature; Non-immune hydrops fetalis; Noonan syndrome
LRRCS6	3	16	Costello syndrome; Non-immune hydrops fetalis; Noonan syndrome
LZTR1	3	16	Congenital malformation syndromes associated with short stature; Non-immune hydrops fetalis; Noonan syndrome
CBL	2	16	Myelomonocytic leukemia; Noonan syndrome
DHCR24	2	16	Desmosterolosis; Non-immune hydrops fetalis
EPHA2	2	16	Leopard syndrome; Noonan syndrome
FOXC2	2	16	Blepharoptosis; Non-immune hydrops fetalis
GALNT14	2	16	Congenital malrotation of intestine; Non-immune hydrops fetalis
MKRN2	2	16	Leopard syndrome; Noonan syndrome
MOCS3	2	16	Non-immune hydrops fetalis; sulfite oxidase deficiency due to molybdenum cofactor deficiency type B2
PPP1CB	2	16	Noonan syndrome; Noonan syndrome-like disorder with loose anagen hair
PPP1R13L	2	16	arrhythmogenic cardiomyopathy with variable ectodermal abnormalities; Leopard syndrome
RPL6	2	16	Leopard syndrome; Noonan syndrome
RRAS	2	16	Myelomonocytic leukemia; Noonan syndrome
SNAPC5	2	16	Cardiofaciocutaneous syndrome; Noonan syndrome

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SOS2	2	16	Congenital malformation syndromes associated with short stature; Noonan syndrome
SPRED1	2	16	Costello syndrome; Noonan syndrome