

GeDiPNet Cluster 7 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 35 diseases. Sorted by connections within the cluster (most central first). Connections/partners count deduplicated disease pairs; significant = FDR $q < 0.05$. See scripts/build_disease_clusters.php on gedipnet.bicnirrh.res.in. Data as of: 2026-10-07 03:15:01. · Rows: 35 · Generated: 2026-10-07 12:43:10

Disease	Connections in Cluster	Significant Partners ($q < 0.05$)	Curated Genes
Retinitis pigmentosa	20	20	356
Optic atrophy	17	17	181
Leber congenital amaurosis	14	14	72
Cone-rod dystrophy	13	13	74
Cone dystrophy	12	12	38
Macular dystrophy	11	11	44
Stargardt disease	11	11	28
Retinal degeneration	6	6	37
retinitis pigmentosa 65	5	5	1
CERKL-related retinopathy	4	4	1
PCARE-related retinopathy	4	4	1
RAB28-related retinopathy	4	4	1
cone-rod dystrophy 2	4	4	1
CNGA1-related retinopathy	3	3	1
Nystagmus	3	3	43
PHARC syndrome	3	3	1
BBS5-related ciliopathy	2	2	1
IDH3B-related retinopathy	2	2	1
PRPF31-related retinopathy	2	2	1
SNRNP200-related dominant retinopathy	2	2	1
TUBB4B-related ciliopathy	2	2	1
autosomal recessive optic atrophy, OPA7 type	2	2	1
leber congenital amaurosis 15	2	2	1
ornithine aminotransferase deficiency	2	2	1
retinitis pigmentosa 27	2	2	1
retinitis pigmentosa 86	2	2	1
retinitis pigmentosa 9	2	2	1
Alzahrani-kuwahara syndrome	1	1	1
Corneal degeneration	1	1	1
PDE6G-related retinopathy	1	1	1

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Uridine-cytidineuria	1	1	1
foveal hypoplasia - optic nerve decussation defect - anterior segment dysgenesis syndrome	1	1	1
macular corneal dystrophy	1	1	1
optic atrophy 11	1	1	1
optic atrophy 15	1	1	1