

GeDiPNet Cluster 62 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 14 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: 14 · Generated: 2026-10-07 00:41:20

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Mitochondrial disease	9	9	242
Leigh syndrome	8	8	107
Combined oxidative phosphorylation deficiency	5	5	68
Mitochondrial complex deficiency	5	5	119
Mitochondrial encephalomyopathy	5	5	16
Cytochrome c oxidase deficiency	4	4	20
Cardioencephalomyopathy, fatal infantile, due to cytochrome c oxidase deficiency	3	3	5
Mitochondrial encephalocardiomyopathy	3	3	1
Sandhoff disease	3	3	2
Codas syndrome	2	2	1
Peripheral neuropathy with variable spasticity, exercise intolerance, and developmental delay	2	2	1
Early-onset dystonia with spastic paraplegia	1	1	1
Pancreatic insufficiency syndrome	1	1	1
mitochondrial short-chain enoyl-coa hydratase 1 deficiency	1	1	1