

GeDiPNet Cluster 4 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 41 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: 41 · Generated: 2026-10-07 12:43:21

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Lung neoplasms	12	12	254
Breast neoplasms	11	11	529
Urinary bladder neoplasms	11	11	142
Ovarian neoplasms	10	10	131
Stomach neoplasms	10	10	306
Colonic neoplasms	8	8	203
Non-small-cell lung carcinoma	8	8	142
Pancreatic neoplasms	8	8	117
Colorectal neoplasms	7	7	291
Liver neoplasms	7	7	152
Renal cell carcinoma	7	7	139
Carcinoma	5	5	165
Esophageal neoplasms	5	5	74
Esophageal squamous cell carcinoma	5	5	129
Hemangiosarcoma	5	5	18
Prostatic neoplasms	5	5	627
Thyroid neoplasms	5	5	46
Transitional cell carcinoma	5	5	33
Lymphatic metastasis	4	4	30
Neuroblastoma	4	4	151
extraoral halitosis due to methanethiol oxidase deficiency	4	4	1
Mesothelioma	3	3	145
Mouth neoplasms	3	3	63
Osteosarcoma	3	3	57
Uterine neoplasms	3	3	38
Anus neoplasms	2	2	1
Cholangiocarcinoma	2	2	38
Pulmonary agenesis	2	2	1
Sarcoma	2	2	33
Acantholytic blistering of oral and laryngeal mucosa	1	1	1

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Cerebellar ataxia, brain abnormalities, and cardiac conduction defects	1	1	1
Colobomatous macrophthalmia microcornea syndrome	1	1	1
Diffuse lymphatic malformation	1	1	1
Hypotrichosis and recurrent skin vesicles	1	1	1
Intellectual developmental disorder seizures polymicrogyria	1	1	1
Isobutyryl-coa dehydrogenase deficiency	1	1	1
Retinitis pigmentosa, hearing loss, premature aging, short stature, facial dysmorphism syndrome	1	1	1
amyotrophic lateral sclerosis type 18	1	1	1
hereditary sclerosing poikiloderma with tendon and pulmonary involvement	1	1	1
immune dysregulation, autoimmunity, and autoinflammation	1	1	1
neurodevelopmental disorder with hypotonia, neuropathy, and deafness	1	1	1