

GeDiPNet Cluster 1 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 81 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: 2026-10-08 03:15:01. · Rows: 81 · Generated: 2026-10-08 00:16:26

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Bouillaud's disease	42	42	3
Autoimmune polyendocrine syndrome	33	33	4
Oropharyngeal neoplasms	23	23	4
Pemphigus vulgaris	15	15	7
Skeletal system disease	15	15	3
Wheat allergic reaction	15	15	3
Acute disseminated encephalomyelitis	14	14	3
Uveomeningoencephalitic syndrome	13	13	7
Benign mucous membrane pemphigoid with ocular involvement	11	11	3
Henoch schoenlein purpura	11	11	18
Central nervous system non-hodgkin lymphoma	10	10	7
Esophageal achalasia	10	10	4
Chorea	9	9	18
Antiphospholipid syndrome	8	8	20
Cervical intraepithelial neoplasia	8	8	6
Gastritis	8	8	22
Interstitial cystitis	8	8	40
Narcolepsy	8	8	51
Pemphigus	8	8	8
Autoimmune pancreatitis	7	7	2
Benign hereditary chorea	7	7	7
Benign mucous membrane pemphigoid	7	7	3
Bullous pemphigoid	7	7	23
Cutaneous lupus erythematosus	7	7	11
Latent autoimmune diabetes in adults	7	7	12
Autoimmune musculoskeletal system disorder	6	6	12
Diabetic nephropathy type 1	6	6	6
Gastroparesis	6	6	11
Lymphedema	6	6	16
Membranous glomerulonephritis	6	6	31

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Thyroiditis	6	6	16
Vogt-koyanagi-harada disease	6	6	7
Arthritis	5	5	26
Bronchitis	5	5	33
Cartilage disease	5	5	14
Collagenous colitis	5	5	1
Cryoglobulinemia	5	5	6
Lymphoma	5	5	53
Myasthenia gravis	5	5	38
Nasopharyngeal neoplasms	5	5	43
Obstructive asthma	5	5	8
Ocular sarcoidosis	5	5	58
Optic neuritis	5	5	13
Apolipoprotein b hypobetalipoproteinemia	4	4	4
Churg-strauss syndrome	4	4	4
Hepatitis c induced liver cirrhosis	4	4	3
Lupus nephritis	4	4	42
Rosacea	4	4	14
Sinusitis	4	4	22
Thiopurine immunosuppressant-induced pancreatitis	4	4	1
Tonsil cancer	4	4	3
Anti-neutrophil antibody associated vasculitis	3	3	23
Immune system disease	3	3	46
Oral cavity carcinoma	3	3	28
Choreoacanthocytosis	2	2	1
Diffuse large b-cell lymphoma	2	2	57
Disabling pansclerotic morphea of childhood	2	2	1
Intellectual developmental disorder seizures movement	2	2	1
Waldenstrom macroglobulinemia	2	2	4
immunodeficiency 60	2	2	1
Autoimmune gastritis	1	1	1
Autonomic nervous system disease	1	1	2
Birbeck granule deficiency	1	1	1
Cataplexy and narcolepsy	1	1	4

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Hypoparathyroidism	1	1	3
IMPDH1-related retinopathy	1	1	1
KIZ-related retinopathy	1	1	1
Keratosis palmoplantaris papulosa	1	1	2
Neurodevelopmental disorder with dilated cardiomyopathy	1	1	1
Peeling skin syndrome with leukonychia and acral punctate keratoses	1	1	2
Uric acid urolithiasis	1	1	1
autosomal recessive osteopetrosis 3	1	1	1
congenital disorder of glycosylation type II	1	1	1
distal myopathy with vocal cord weakness	1	1	1
hsd10 mitochondrial disease	1	1	1
immunodeficiency 106, susceptibility to viral infections	1	1	1
immunodeficiency 126, susceptibility to	1	1	1
neurodevelopmental disorder with microcephaly, seizures, and cortical atrophy	1	1	1
optic atrophy 10 with or without ataxia, intellectual disability, and seizures	1	1	1
platelet abnormalities with eosinophilia and immune-mediated inflammatory disease	1	1	1
scalp-ear-nipple syndrome	1	1	1