

GeDiPNet Cluster 2 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 78 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: 78 · Generated: 2026-10-08 17:40:35

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Major depressive disorder	24	19	1960
Diabetes mellitus type 2	20	11	3080
Schizophrenia	18	12	2541
Metabolic syndrome	16	13	1303
Coronary artery disease	15	12	1143
Bipolar disorder	13	9	1220
Hypertension	12	11	1149
Attention deficit hyperactivity disorder	11	10	1105
Osteoarthritis	10	10	730
Alzheimer disease	10	8	2218
Color vision deficiency	10	8	966
Insomnia	10	8	1079
Obesity	9	8	1194
Parkinson disease	9	8	529
Substance abuse	9	8	516
Scoliosis	9	7	1033
Dementia	8	7	590
Anxiety disorder	7	7	146
Heart failure	7	7	470
Mood disorder	7	7	298
Neurotic disorder	7	7	435
Post-traumatic stress disorder	7	7	203
Atrial fibrillation	7	5	863
Autism	7	4	1463
Depression	6	6	279
Migraine	6	6	404
Bipolar depression	5	5	105
Cardiovascular disease	5	5	432
Gastroesophageal reflux disease	5	5	279
Irritable bowel syndrome	5	5	134

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Myocardial infarction	5	5	580
Oligodendroglioma	5	5	559
Venous thromboembolism	5	5	342
Ear disorder	5	1	2
Cannabis abuse	4	4	116
Gout	4	4	819
Obstructive pulmonary disease	4	4	559
Stroke	4	4	323
retinitis pigmentosa 18	4	1	1
Oculocerebrodental syndrome	4	0	1
band heterotopia of brain	4	0	1
opsismodysplasia	4	0	1
Congestive heart failure	3	3	179
Endometriosis	3	3	376
Panic disorder	3	3	34
Willis-ekbom disease	3	3	191
Yoon-bellen neurodevelopmental syndrome	3	2	1
phosphoenolpyruvate carboxykinase deficiency, cytosolic	3	2	1
3-methylcrotonyl-coa carboxylase deficiency	3	1	2
Midline facial cleft	3	1	1
Birk-aharoni syndrome	3	0	2
Hemorrhagic destruction of the brain subependymal calcification and cataracts	3	0	1
Pemphigus foliaceus	2	2	1
Alopecia-neurological defects-endocrinopathy syndrome	2	1	1
Craniolenticulosutural dysplasia	2	1	1
Intellectual developmental disorder growth metabolic	2	1	1
Partial deletion of short arm of chromosome 3	2	1	1
SNUPN-related muscular dystrophy with or without multi-system involvement	2	1	1
inherited interstitial lung disease	2	1	1
Auroneurodental syndrome	2	0	2
Childhood-onset motor and cognitive regression syndrome with extrapyramidal movement disorder	1	1	1
Congenital lactase deficiency	1	1	1
Developmental delay with language and ocular abnormalities	1	1	2
Diabetes deafness developmental delay and short stature syndrome	1	1	1

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Patellar tendinitis	1	1	2
Sedoheptulokinase deficiency	1	1	1
Trichilemmal cyst	1	1	1
neurodevelopmental disorder with spasticity, seizures, and brain abnormalities	1	1	1
Deafness, y-linked	1	0	1
Glyoxalase ii deficiency	1	0	1
Phosphoribosylaminoimidazole carboxylase deficiency	1	0	1
Vacuolar neuromyopathy	1	0	1
Vibratory urticaria	1	0	1
Warsaw breakage syndrome	1	0	1
Zinc deficiency	1	0	1
hydroxyprolinemia	1	0	1
pterin-4 alpha-carbinolamine dehydratase 1 deficiency	1	0	1
siddiqi syndrome	1	0	1