

GeDiPNet Cluster 5 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 38 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: 38 · Generated: 2026-10-08 15:00:34

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Neurodevelopmental disorder	18	6	938
Intellectual developmental disorder	17	8	809
Global developmental delay	16	16	370
Non-specific syndromic intellectual disability	16	16	368
complex neurodevelopmental disorder	10	10	118
Developmental disability	9	9	143
Developmental and epileptic encephalopathy	6	6	220
Congenital neurologic anomalies	5	5	115
Intellectual disability	5	5	76
Nonsyndromic intellectual disability	4	4	141
Intellectual developmental disorder dysmorphic	4	3	1
neurodevelopmental disorder with or without variable brain abnormalities; NEDBA	4	3	1
Clark-baraitser syndrome	4	2	1
1q44 microdeletion syndrome	3	3	1
Usmani-riazuddin syndrome	3	2	1
basilicata-akhtar syndrome	3	2	1
glutamate pyruvate transaminase 2 deficiency	3	1	1
neurodevelopmental disorder with spasticity, cataracts, and cerebellar hypoplasia	3	1	1
Buratti-harel syndrome	2	2	2
Helsmoortel-van der aa syndrome	2	2	1
Brainstem dysplasia	2	1	1
Dworschak-punetha neurodevelopmental syndrome	2	1	1
Intellectual developmental disorder dysmorphic ocular	2	1	1
Intellectual developmental disorder peripheral neuropathy	2	1	1
hypotonia, infantile, with psychomotor retardation and characteristic facies 2	2	1	1
neurodevelopmental disorder with epilepsy, spasticity, and brain atrophy	2	1	1
aspartylglucosaminuria	2	0	1
Al kaissi syndrome	1	1	1
Al-raqaad syndrome	1	1	1
Growth retardation, impaired intellectual development, hypotonia, and hepatopathy	1	1	1

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Intellectual developmental disorder behavioral short stature	1	1	1
Intellectual developmental disorder dysmorphic cardiac	1	1	1
Otofacial neurodevelopmental syndrome	1	1	1
developmental and epileptic encephalopathy, 55	1	1	1
fucosidosis	1	1	1
NACC1-related neurodevelopmental disorder with epilepsy, cataracts and episodic irritability	1	0	1
kaya-barakat-masson syndrome	1	0	1
neurodevelopmental disorder with microcephaly, epilepsy, and brain atrophy	1	0	1