

GeDiPNet Cluster 3 -- Member Diseases

Cluster grouping: label propagation over disease_related's top-5-per-disease shared-gene similarity graph. Cluster size: 49 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: 49 · Generated: 2026-10-07 04:27:10

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
Arrhythmogenic right ventricular cardiomyopathy	20	20	52
Left ventricular noncompaction cardiomyopathy	15	15	38
Wolff-parkinson-white syndrome	15	15	51
Conduction disorder of the heart	14	14	24
Long qt syndrome	12	12	102
Cardiomyopathy	11	11	244
Arrhythmogenic right ventricular dysplasia	10	10	15
Cardiac arrest	10	10	26
Catecholaminergic polymorphic ventricular tachycardia	10	10	20
Dilated cardiomyopathy	10	10	273
Left ventricular disease	10	10	66
Ventricular fibrillation	10	10	36
Brugada syndrome	9	9	63
Cardiac conduction disease	8	8	9
Hereditary bundle branch system defect	7	7	7
Hypertrophic cardiomyopathy	7	7	256
Sick sinus syndrome	7	7	18
Restrictive cardiomyopathy	6	6	23
Atrioventricular block	5	5	17
Cardiac arrhythmia	5	5	98
Paroxysmal familial ventricular fibrillation	5	5	5
Polymorphic catecholaminergic ventricular tachycardia	5	5	15
dilated cardiomyopathy 1BB	5	5	1
dilated cardiomyopathy 1CC	5	5	1
dilated cardiomyopathy 1JJ	5	5	1
Atrial flutter	4	4	81
Atrial tachyarrhythmia, infra-hisian cardiac conduction disease	4	4	1
Barth syndrome	4	4	1
Hereditary atrial fibrillation	4	4	24
Myofibrillar myopathy	4	4	12

Disease	Connections in Cluster	Significant Partners (q<0.05)	Curated Genes
dilated cardiomyopathy 1Z	4	4	1
familial isolated arrhythmogenic right ventricular dysplasia	4	4	1
intrinsic cardiomyopathy	4	4	1
Bronchial disease	3	3	18
cardiomyopathy, dilated, 2e	3	3	1
dilated cardiomyopathy 1HH	3	3	1
dilated cardiomyopathy 1I	3	3	1
dilated cardiomyopathy 1M	3	3	1
dilated cardiomyopathy 1Y	3	3	1
sick sinus syndrome 2, autosomal dominant	3	3	1
Vici syndrome	2	2	1
lissencephaly 10	2	2	1
5-oxoprolinase deficiency	1	1	1
Congenital right-sided heart lesions	1	1	1
FNIP1-associated syndrome	1	1	1
Hypertrophy	1	1	49
cardiomyopathy, dilated, 2h	1	1	1
hypokalemic alkalosis, familial, with specific renal tubulopathy	1	1	1
myofibrillar myopathy 8	1	1	1