

GeDiPNet Cluster 26 -- Pairs Within Cluster

Similarity: Jaccard index on shared curated genes (disease_gdp). Significance: upper-tail hypergeometric test, Benjamini-Hochberg FDR-corrected across all tested pairs. See scripts/build_related.php on gedipnet.bicnirrh.res.in. Data as of: 2026-10-07 03:00:13. · Rows: 47 · Generated: 2026-10-07 02:42:33

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Leber hereditary optic neuropathy	Melas syndrome	0.46875	15	6.188e-41	2.800e-39
Cleft palate and bilateral cleft lip	Postaxial polydactyly	0.50000	12	7.235e-35	2.744e-33
Cleft palate and bilateral cleft lip	Neuropathy, ataxia, and retinitis pigmentosa	0.64706	11	9.855e-35	3.719e-33
Neuropathy, ataxia, and retinitis pigmentosa	Postaxial polydactyly	0.45833	11	9.541e-32	3.245e-30
Leber hereditary optic neuropathy	Neuropathy, ataxia, and retinitis pigmentosa	0.35484	11	5.804e-30	1.873e-28
Cleft palate and bilateral cleft lip	Leber hereditary optic neuropathy	0.34375	11	2.706e-29	8.494e-28
Leber hereditary optic neuropathy	Rod-cone dystrophy	0.26531	13	4.822e-29	1.505e-27
Neuropathy, ataxia, and retinitis pigmentosa	Rod-cone dystrophy	0.30556	11	5.228e-29	1.630e-27
Melas syndrome	Neuropathy, ataxia, and retinitis pigmentosa	0.45455	10	6.070e-29	1.887e-27
Cleft palate and bilateral cleft lip	Melas syndrome	0.43478	10	2.124e-28	6.473e-27
Cleft palate and bilateral cleft lip	Rod-cone dystrophy	0.29730	11	2.436e-28	7.406e-27
Postaxial polydactyly	Rod-cone dystrophy	0.27907	12	2.792e-28	8.464e-27
Leber hereditary optic neuropathy	Postaxial polydactyly	0.28205	11	2.603e-26	7.163e-25
Melas syndrome	Postaxial polydactyly	0.33333	10	7.458e-26	1.999e-24
Melas syndrome	Rod-cone dystrophy	0.23810	10	1.946e-23	4.611e-22
Mitochondrial myopathy	Progressive external ophthalmoplegia	0.20833	5	5.338e-13	6.994e-12
Melas syndrome	Progressive external ophthalmoplegia	0.18519	5	1.521e-12	1.919e-11
Neuropathy, ataxia, and retinitis pigmentosa	Optic neuropathy	0.21053	4	3.839e-11	4.198e-10
Cleft palate and bilateral cleft lip	Optic neuropathy	0.20000	4	5.373e-11	5.827e-10
Melas syndrome	Optic neuropathy	0.16667	4	1.641e-10	1.694e-9
Optic neuropathy	Postaxial polydactyly	0.14815	4	3.207e-10	3.230e-9
Developmental delay	Melas syndrome	0.09615	5	5.829e-10	5.704e-9
Melas syndrome	Myoclonic epilepsy with ragged red fibers	0.15789	3	1.341e-9	1.270e-8
Developmental delay	Leber hereditary optic neuropathy	0.08065	5	6.567e-9	5.806e-8
Developmental delay	Neuropathy, ataxia, and retinitis pigmentosa	0.08333	4	2.219e-8	1.824e-7
Cleft palate and bilateral cleft lip	Developmental delay	0.08163	4	3.100e-8	2.477e-7
Developmental delay	Postaxial polydactyly	0.07143	4	1.831e-7	1.289e-6
Melas syndrome	Mitochondrial myopathy	0.09677	3	6.050e-7	3.899e-6
Congenital cardiomyopathy	Neuropathy, ataxia, and retinitis pigmentosa	0.14286	2	6.580e-7	4.214e-6
Cleft palate and bilateral cleft lip	Congenital cardiomyopathy	0.13333	2	7.677e-7	4.831e-6

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Congenital cardiomyopathy	Melas syndrome	0.10526	2	1.291e-6	7.845e-6
Congenital cardiomyopathy	Postaxial polydactyly	0.09091	2	1.772e-6	1.052e-5
Myoclonic epilepsy with ragged red fibers	Progressive external ophthalmoplegia	0.13333	2	1.973e-6	1.158e-5
Mitochondrial myopathy	Myoclonic epilepsy with ragged red fibers	0.11765	2	2.656e-6	1.527e-5
Optic neuropathy	Stomatitis	0.10526	2	1.666e-5	8.441e-5
Bicuspid aortic valve	Optic neuropathy	0.09091	2	2.754e-5	1.352e-4
Bicuspid aortic valve	Neuropathy, ataxia, and retinitis pigmentosa	0.07692	2	5.954e-5	2.342e-4
Congenital cardiomyopathy	Myoclonic epilepsy with ragged red fibers	0.20000	1	3.896e-4	8.521e-4
Optic neuropathy	Periodic paralysis with later-onset distal motor neuropathy	0.10000	1	5.845e-4	1.135e-3
Neuropathy, ataxia, and retinitis pigmentosa	Periodic paralysis with later-onset distal motor neuropathy	0.07143	1	8.443e-4	1.478e-3
Bicuspid aortic valve	Periodic paralysis with later-onset distal motor neuropathy	0.06667	1	9.092e-4	1.557e-3
Cleft palate and bilateral cleft lip	Periodic paralysis with later-onset distal motor neuropathy	0.06667	1	9.092e-4	1.557e-3
aortic valve disease 3	Bicuspid aortic valve	0.06667	1	9.092e-4	1.557e-3
Melas syndrome	Periodic paralysis with later-onset distal motor neuropathy	0.05263	1	1.169e-3	1.876e-3
Developmental delay	Intellectual developmental disorder seizures language	0.02564	1	2.468e-3	3.358e-3
Developmental delay	Developmental delay with variable neurological abnormalities	0.02564	1	2.468e-3	3.358e-3
Developmental delay	Developmental delay with hypotonia and impaired language	0.02564	1	2.468e-3	3.358e-3