

GeDiPNet Cluster 54 -- 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: 2026-10-09 03:00:13. · Rows: 38 · Generated: 2026-10-08 21:49:36

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Microphthalmia	Microphthalmos	0.38889	21	9.450e-49	4.812e-47
Colobomatous microphthalmia	Microphthalmia	0.38462	15	3.141e-41	1.354e-39
Colobomatous microphthalmia	Microphthalmos	0.33333	13	5.536e-34	1.938e-32
Anophthalmia/microphthalmia-esophageal atresia syndrome	Microphthalmia	0.20755	11	1.821e-23	4.086e-22
Anophthalmia	Microphthalmos	0.21429	9	1.398e-21	2.851e-20
Anophthalmia	Microphthalmia	0.20455	9	2.419e-21	4.871e-20
Anophthalmia/microphthalmia-esophageal atresia syndrome	Microphthalmos	0.19231	10	3.944e-21	7.905e-20
Anophthalmia	Anophthalmia/microphthalmia-esophageal atresia syndrome	0.25000	8	4.127e-20	7.914e-19
Microphthalmia	Nanophthalmos	0.18605	8	3.073e-19	5.594e-18
Anophthalmia/microphthalmia-esophageal atresia syndrome	Colobomatous microphthalmia	0.20588	7	7.545e-17	1.220e-15
Congenital cystic eyeball	Microphthalmos	0.16216	6	1.053e-16	1.690e-15
Congenital cystic eyeball	Microphthalmia	0.15385	6	1.493e-16	2.369e-15
Anophthalmia	Colobomatous microphthalmia	0.25000	6	8.094e-16	1.218e-14
Colobomatous microphthalmia	Congenital cystic eyeball	0.29412	5	2.498e-15	3.630e-14
Microphthalmos	Nanophthalmos	0.13953	6	9.634e-14	1.245e-12
Colobomatous microphthalmia	Nanophthalmos	0.21739	5	3.287e-13	4.151e-12
Congenital cystic eyeball	Nanophthalmos	0.18750	3	7.223e-9	6.010e-8
Microphthalmia with retinitis pigmentosa and ocular anomalies	Nanophthalmos	0.15385	2	5.568e-7	3.408e-6
Anophthalmia/microphthalmia-esophageal atresia syndrome	Colobomatous optic disc macular atrophy chorioretinopathy syndrome	0.07692	2	2.531e-6	1.384e-5
Congenital cystic eyeball	Klippel-feil syndrome	0.16667	2	2.655e-6	1.445e-5
Colobomatous optic disc macular atrophy chorioretinopathy syndrome	Microphthalmia	0.05128	2	5.930e-6	3.037e-5
Microphthalmia	Microphthalmia with retinitis pigmentosa and ocular anomalies	0.05128	2	5.930e-6	3.037e-5
Colobomatous microphthalmia	Klippel-feil syndrome	0.09524	2	1.855e-5	8.833e-5
Congenital cystic eyeball	isolated microphthalmia 6	0.14286	1	3.897e-4	8.660e-4
Nanophthalmos	nanophthalmos 4	0.07692	1	7.793e-4	1.405e-3
isolated microphthalmia 6	Nanophthalmos	0.07692	1	7.793e-4	1.405e-3
Colobomatous microphthalmia	colobomatous microphthalmia-rhizomelic dysplasia syndrome	0.06250	1	9.742e-4	1.665e-3
Colobomatous microphthalmia	Focal dermal hypoplasia	0.06250	1	9.742e-4	1.665e-3
Colobomatous optic disc macular atrophy chorioretinopathy syndrome	Nanophthalmos	0.07143	1	1.558e-3	2.376e-3
Anophthalmia/microphthalmia-esophageal atresia syndrome	Focal dermal hypoplasia	0.03846	1	1.624e-3	2.460e-3

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Colobomatous microphthalmia	Colobomatous optic disc macular atrophy chorioretinopathy syndrome	0.05882	1	1.947e-3	2.827e-3
isolated microphthalmia 6	Microphthalmos	0.02703	1	2.338e-3	3.242e-3
Focal dermal hypoplasia	Microphthalmos	0.02703	1	2.338e-3	3.242e-3
isolated microphthalmia 6	Microphthalmia	0.02564	1	2.468e-3	3.370e-3
Focal dermal hypoplasia	Microphthalmia	0.02564	1	2.468e-3	3.370e-3
colobomatous microphthalmia-rhizomelic dysplasia syndrome	Microphthalmia	0.02564	1	2.468e-3	3.370e-3
Microphthalmia	X-linked colobomatous microphthalmia, microcephaly, intellectual disability, short stature syndrome	0.02564	1	2.468e-3	3.370e-3
Microphthalmia with retinitis pigmentosa and ocular anomalies	Microphthalmos	0.02632	1	4.671e-3	5.785e-3