

GeDiPNet Cluster 12 -- 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: 53 · Generated: 2026-10-07 08:30:35

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Congenital nonspherocytic hemolytic anemia	Hemolytic anemia	0.15254	9	1.037e-20	2.165e-19
Congenital nonspherocytic hemolytic anemia	Hereditary hemolytic anemia	0.20000	4	6.956e-11	7.453e-10
Hemolytic anemia	Hereditary hemolytic anemia	0.08065	5	2.194e-10	2.245e-9
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	Autoinflammatory disease, systemic, x-linked	0.66667	2	8.436e-9	7.203e-8
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	Bloch sulzberger syndrome	0.66667	2	8.436e-9	7.203e-8
Autoinflammatory disease, systemic, x-linked	Bloch sulzberger syndrome	0.66667	2	8.436e-9	7.203e-8
Occupational disease	Pleural diseases	0.14286	3	5.622e-8	4.326e-7
Autoinflammatory disease, systemic, x-linked	Glucose-6-phosphate dehydrogenase deficiency	0.33333	2	8.436e-8	6.270e-7
Bloch sulzberger syndrome	Glucose-6-phosphate dehydrogenase deficiency	0.33333	2	8.436e-8	6.270e-7
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	Glucose-6-phosphate dehydrogenase deficiency	0.33333	2	8.436e-8	6.270e-7
Autoinflammatory disease, systemic, x-linked	Hyper-igm immunodeficiency syndrome	0.25000	2	1.772e-7	1.249e-6
Bloch sulzberger syndrome	Hyper-igm immunodeficiency syndrome	0.25000	2	1.772e-7	1.249e-6
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	Hyper-igm immunodeficiency syndrome	0.25000	2	1.772e-7	1.249e-6
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	Congenital nonspherocytic hemolytic anemia	0.15385	2	5.568e-7	3.597e-6
Autoinflammatory disease, systemic, x-linked	Congenital nonspherocytic hemolytic anemia	0.15385	2	5.568e-7	3.597e-6
Bloch sulzberger syndrome	Congenital nonspherocytic hemolytic anemia	0.15385	2	5.568e-7	3.597e-6
Glucose-6-phosphate dehydrogenase deficiency	Hyper-igm immunodeficiency syndrome	0.18182	2	1.770e-6	1.052e-5
Glucose-6-phosphate dehydrogenase deficiency	Granulomatous disease	0.15385	2	3.034e-6	1.724e-5
Glucose-6-phosphate dehydrogenase deficiency	Pleural diseases	0.14286	2	3.792e-6	2.123e-5
anemia, nonspherocytic hemolytic, due to G6PD deficiency	G6PD deficiency	0.50000	1	6.494e-5	2.342e-4
IKBKG-related immunodeficiency with or without ectodermal dysplasia	incontinentia pigmenti	0.50000	1	6.494e-5	2.342e-4
Granulomatous disease	Williams syndrome	0.06250	2	8.326e-5	2.987e-4
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	IKBKG-related immunodeficiency with or without ectodermal dysplasia	0.33333	1	1.299e-4	3.898e-4
Autoinflammatory disease, systemic, x-linked	IKBKG-related immunodeficiency with or without ectodermal dysplasia	0.33333	1	1.299e-4	3.898e-4
Bloch sulzberger syndrome	IKBKG-related immunodeficiency with or without ectodermal dysplasia	0.33333	1	1.299e-4	3.898e-4
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	incontinentia pigmenti	0.33333	1	1.299e-4	3.898e-4
Autoinflammatory disease, systemic, x-linked	incontinentia pigmenti	0.33333	1	1.299e-4	3.898e-4
Bloch sulzberger syndrome	incontinentia pigmenti	0.33333	1	1.299e-4	3.898e-4
anemia, nonspherocytic hemolytic, due to G6PD deficiency	Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	0.33333	1	1.299e-4	3.898e-4
Bloch sulzberger syndrome	G6PD deficiency	0.33333	1	1.299e-4	3.898e-4

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
anemia, nonspherocytic hemolytic, due to G6PD deficiency	Autoinflammatory disease, systemic, x-linked	0.33333	1	1.299e-4	3.898e-4
anemia, nonspherocytic hemolytic, due to G6PD deficiency	Bloch sulzberger syndrome	0.33333	1	1.299e-4	3.898e-4
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	G6PD deficiency	0.33333	1	1.299e-4	3.898e-4
Autoinflammatory disease, systemic, x-linked	G6PD deficiency	0.33333	1	1.299e-4	3.898e-4
G6PD deficiency	Glucose-6-phosphate dehydrogenase deficiency	0.16667	1	3.247e-4	7.577e-4
anemia, nonspherocytic hemolytic, due to G6PD deficiency	Glucose-6-phosphate dehydrogenase deficiency	0.16667	1	3.247e-4	7.577e-4
Glucose-6-phosphate dehydrogenase deficiency	incontinentia pigmenti	0.16667	1	3.247e-4	7.577e-4
Glucose-6-phosphate dehydrogenase deficiency	IKBKG-related immunodeficiency with or without ectodermal dysplasia	0.16667	1	3.247e-4	7.577e-4
Hyper-igm immunodeficiency syndrome	immunodeficiency, common variable, 2	0.12500	1	4.546e-4	9.545e-4
anemia, nonspherocytic hemolytic, due to G6PD deficiency	Granulomatous disease	0.10000	1	5.845e-4	1.135e-3
G6PD deficiency	Granulomatous disease	0.10000	1	5.845e-4	1.135e-3
Endometrioid carcinoma	Pleural diseases	0.09091	1	6.494e-4	1.219e-3
Coronary vessel anomalies	Hereditary hemolytic anemia	0.08333	1	7.144e-4	1.314e-3
Hereditary hemolytic anemia	inherited glutathione synthetase deficiency	0.08333	1	7.144e-4	1.314e-3
Congenital nonspherocytic hemolytic anemia	inherited glutathione synthetase deficiency	0.07692	1	7.793e-4	1.386e-3
Congenital nonspherocytic hemolytic anemia	Coronary vessel anomalies	0.07692	1	7.793e-4	1.386e-3
Congenital nonspherocytic hemolytic anemia	Uridine monophosphate hydrolase deficiency	0.07692	1	7.793e-4	1.386e-3
Autoinflammatory disease, systemic, x-linked	Granulomatous disease	0.09091	1	1.169e-3	1.876e-3
Anhidrotic ectodermal dysplasia with immunodeficiency, osteopetrosis, and lymphedema	Granulomatous disease	0.09091	1	1.169e-3	1.876e-3
leber-like hereditary optic neuropathy, autosomal recessive 1	Williams syndrome	0.04000	1	1.559e-3	2.360e-3
Glucose-6-phosphate dehydrogenase deficiency	Peritonitis	0.08333	1	2.271e-3	3.177e-3
Charcot-Marie-Tooth disease type 4B2	Hemolytic anemia	0.01786	1	3.572e-3	4.589e-3
Hemolytic anemia	Uridine monophosphate hydrolase deficiency	0.01786	1	3.572e-3	4.589e-3