

GeDiPNet Cluster 34 -- 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: 2026-10-08 03:00:12. · Rows: 35 · Generated: 2026-10-08 09:57:31

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Intracellular cobalamin metabolism disorder	Methylmalonic acidemia	0.23333	7	7.844e-19	1.408e-17
Cobalamin c disease	Methylmalonic acidemia	0.20690	6	1.119e-16	1.798e-15
Cobalamin c disease	Intracellular cobalamin metabolism disorder	0.41667	5	3.669e-16	5.689e-15
Anencephaly	Aprosencephaly	0.40000	4	5.381e-14	7.143e-13
Hyperhomocysteinemia	Malnutrition	0.21429	3	4.701e-10	4.410e-9
Homocystinuria with megaloblastic anemia	Intracellular cobalamin metabolism disorder	0.27273	3	5.521e-10	5.145e-9
Hyperhomocysteinemia	Neural tube defects, folate-sensitive	0.20000	3	1.880e-9	1.658e-8
Malnutrition	Neural tube defects, folate-sensitive	0.33333	2	1.518e-7	1.033e-6
Homocystinuria with megaloblastic anemia	Neural tube defects, folate-sensitive	0.28571	2	3.036e-7	1.958e-6
Intracellular cobalamin metabolism disorder	methylmalonic aciduria and homocystinuria	0.20000	2	3.037e-7	1.958e-6
Anencephaly	Neural tube defects, folate-sensitive	0.16667	2	1.821e-6	1.024e-5
Intracellular cobalamin metabolism disorder	Neural tube defects, folate-sensitive	0.16667	2	1.821e-6	1.024e-5
Methylmalonic acidemia	methylmalonic aciduria and homocystinuria	0.07143	2	2.961e-6	1.605e-5
Hematologic disease	Malnutrition	0.10000	2	3.869e-6	2.051e-5
Homocystinuria with megaloblastic anemia	Hyperhomocysteinemia	0.12500	2	3.944e-6	2.086e-5
Hematologic disease	Neural tube defects, folate-sensitive	0.09524	2	7.733e-6	3.909e-5
Anencephaly	Hyperhomocysteinemia	0.09524	2	2.361e-5	1.114e-4
Hyperhomocysteinemia	Intracellular cobalamin metabolism disorder	0.09524	2	2.361e-5	1.114e-4
Malnutrition	methylcobalamin deficiency type cblG	0.25000	1	1.948e-4	5.325e-4
Homocystinuria with megaloblastic anemia	methylcobalamin deficiency type cblE	0.20000	1	2.598e-4	6.484e-4
Homocystinuria with megaloblastic anemia	methylcobalamin deficiency type cblG	0.20000	1	2.598e-4	6.484e-4
methylcobalamin deficiency type cblG	Neural tube defects, folate-sensitive	0.20000	1	2.598e-4	6.484e-4
Aprosencephaly	methylcobalamin deficiency type cblE	0.20000	1	2.598e-4	6.484e-4
methylcobalamin deficiency type cblE	Neural tube defects, folate-sensitive	0.20000	1	2.598e-4	6.484e-4
Cobalamin c disease	methylmalonic acidemia with homocystinuria, type cblJ	0.12500	1	4.546e-4	9.697e-4
Intracellular cobalamin metabolism disorder	methylcobalamin deficiency type cblG	0.10000	1	5.845e-4	1.154e-3
Intracellular cobalamin metabolism disorder	methylmalonic acidemia with homocystinuria, type cblJ	0.10000	1	5.845e-4	1.154e-3
Anencephaly	methylcobalamin deficiency type cblE	0.10000	1	5.845e-4	1.154e-3
Advanced sleep phase syndrome	Homocystinuria with megaloblastic anemia	0.14286	1	7.792e-4	1.404e-3
Hyperhomocysteinemia	methylcobalamin deficiency type cblG	0.07143	1	8.443e-4	1.497e-3

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Aprosencephaly	Neural tube defects, folate-sensitive	0.12500	1	1.039e-3	1.737e-3
Aprosencephaly	Homocystinuria with megaloblastic anemia	0.12500	1	1.039e-3	1.737e-3
Methylmalonic acidemia	methylmalonic acidemia with homocystinuria, type cblJ	0.03571	1	1.753e-3	2.607e-3
Methylmalonic acidemia	methylmalonic acidemia due to methylmalonyl-CoA epimerase deficiency	0.03571	1	1.753e-3	2.607e-3
Alpha-mannosidosis	Methylmalonic acidemia	0.03571	1	1.753e-3	2.607e-3