

GeDiPNet Cluster 133 -- 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: 16 · Generated: 2026-10-07 11:13:31

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Chronic obstructive pulmonary disease	Obstructive airway disease	0.38835	40	3.199e-89	2.987e-87
Lung disease	Obstructive airway disease	0.15429	27	3.452e-37	1.422e-35
Obstructive airway disease	Pulmonary fibrosis	0.14917	27	2.019e-36	8.150e-35
Cystic fibrosis	Lung disease	0.13103	19	1.892e-27	5.533e-26
Lung disease	Pulmonary fibrosis	0.11170	21	9.964e-26	2.665e-24
Cystic fibrosis	Obstructive airway disease	0.11644	17	9.118e-24	2.199e-22
Chronic obstructive pulmonary disease	Pulmonary fibrosis	0.08696	12	6.252e-17	1.074e-15
Bronchopulmonary dysplasia	Obstructive airway disease	0.08148	11	4.166e-15	6.323e-14
Chronic obstructive pulmonary disease	Cystic fibrosis	0.09375	9	6.103e-14	8.496e-13
Bronchopulmonary dysplasia	Lung disease	0.05755	8	4.562e-10	4.523e-9
Chronic obstructive pulmonary disease	Emphysema	0.06757	5	4.181e-8	3.301e-7
Emphysema	Obstructive airway disease	0.04580	6	1.073e-7	7.901e-7
Chronic obstructive pulmonary disease	susceptibility to respiratory infections associated with CD8alpha chain mutation	0.02326	1	2.728e-3	3.652e-3
Bronchopulmonary dysplasia	Genetic generalized epilepsy	0.02174	1	2.922e-3	3.867e-3
Obstructive airway disease	susceptibility to respiratory infections associated with CD8alpha chain mutation	0.00990	1	6.494e-3	7.756e-3
Lung disease	lung disease, immunodeficiency, and chromosome breakage syndrome;	0.00980	1	6.559e-3	7.819e-3