

## GeDiPNet Cluster 42 -- 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: 30 · Generated: 2026-10-08 01:52:35

| Disease A                                                                        | Disease B                                                            | Similarity Score | Shared Genes | P-value   | FDR Q-value |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------|--------------|-----------|-------------|
| Polycystic kidney disease                                                        | Polycystic liver disease                                             | 0.18033          | 11           | 1.033e-22 | 2.216e-21   |
| Hyperuricemic nephropathy                                                        | Tubulointerstitial kidney disease                                    | 0.36364          | 4            | 2.690e-13 | 3.433e-12   |
| Polycystic liver disease                                                         | Tubulointerstitial kidney disease                                    | 0.13793          | 4            | 4.742e-10 | 4.444e-9    |
| Hyperuricemic nephropathy                                                        | Juvenile hyperuricemic nephropathy                                   | 0.33333          | 2            | 8.436e-8  | 5.953e-7    |
| autosomal dominant medullary cystic kidney disease with or without hyperuricemia | Tubulointerstitial kidney disease                                    | 0.20000          | 2            | 3.037e-7  | 1.958e-6    |
| Juvenile hyperuricemic nephropathy                                               | Tubulointerstitial kidney disease                                    | 0.20000          | 2            | 3.037e-7  | 1.958e-6    |
| Hyperuricemic nephropathy                                                        | Polycystic liver disease                                             | 0.07407          | 2            | 2.128e-5  | 1.009e-4    |
| renal tubular dysgenesis of genetic origin                                       | Tonne-kalscheuer syndrome                                            | 0.33333          | 1            | 1.299e-4  | 3.908e-4    |
| Juvenile hyperuricemic nephropathy                                               | renal tubular dysgenesis of genetic origin                           | 0.33333          | 1            | 1.299e-4  | 3.908e-4    |
| Malignant hypertension                                                           | renal tubular dysgenesis of genetic origin                           | 0.25000          | 1            | 1.948e-4  | 5.325e-4    |
| autosomal dominant medullary cystic kidney disease with or without hyperuricemia | Juvenile hyperuricemic nephropathy                                   | 0.25000          | 1            | 2.598e-4  | 6.484e-4    |
| Juvenile hyperuricemic nephropathy                                               | Tonne-kalscheuer syndrome                                            | 0.25000          | 1            | 2.598e-4  | 6.484e-4    |
| Hyperuricemic nephropathy                                                        | SEC61A1 deficiency                                                   | 0.16667          | 1            | 3.247e-4  | 7.680e-4    |
| Hyperuricemic nephropathy                                                        | renal tubular dysgenesis of genetic origin                           | 0.16667          | 1            | 3.247e-4  | 7.680e-4    |
| Malignant hypertension                                                           | Tonne-kalscheuer syndrome                                            | 0.20000          | 1            | 3.896e-4  | 8.637e-4    |
| Juvenile hyperuricemic nephropathy                                               | Malignant hypertension                                               | 0.20000          | 1            | 3.896e-4  | 8.637e-4    |
| SEC61A1 deficiency                                                               | Tubulointerstitial kidney disease                                    | 0.10000          | 1            | 5.845e-4  | 1.154e-3    |
| polycystic liver disease 2                                                       | Tubulointerstitial kidney disease                                    | 0.10000          | 1            | 5.845e-4  | 1.154e-3    |
| Hyperuricemic nephropathy                                                        | Tonne-kalscheuer syndrome                                            | 0.14286          | 1            | 6.494e-4  | 1.239e-3    |
| autosomal dominant medullary cystic kidney disease with or without hyperuricemia | Hyperuricemic nephropathy                                            | 0.14286          | 1            | 6.494e-4  | 1.239e-3    |
| Polycystic liver disease                                                         | polycystic liver disease 2                                           | 0.04167          | 1            | 1.494e-3  | 2.311e-3    |
| Polycystic liver disease                                                         | polycystic liver disease 1                                           | 0.04167          | 1            | 1.494e-3  | 2.311e-3    |
| polycystic kidney disease 3 with or without polycystic liver disease             | Polycystic liver disease                                             | 0.04167          | 1            | 1.494e-3  | 2.311e-3    |
| Polycystic liver disease                                                         | SEC61A1 deficiency                                                   | 0.04167          | 1            | 1.494e-3  | 2.311e-3    |
| Polycystic liver disease                                                         | SEC61B-related polycystic liver disease                              | 0.04167          | 1            | 1.494e-3  | 2.311e-3    |
| ALG9-associated autosomal dominant polycystic kidney disease                     | Polycystic liver disease                                             | 0.04167          | 1            | 1.494e-3  | 2.311e-3    |
| Polycystic kidney disease                                                        | polycystic liver disease 1                                           | 0.02041          | 1            | 3.117e-3  | 4.096e-3    |
| Polycystic kidney disease                                                        | polycystic liver disease 2                                           | 0.02041          | 1            | 3.117e-3  | 4.096e-3    |
| Polycystic kidney disease                                                        | polycystic kidney disease 3 with or without polycystic liver disease | 0.02041          | 1            | 3.117e-3  | 4.096e-3    |
| ALG9-associated autosomal dominant polycystic kidney disease                     | Polycystic kidney disease                                            | 0.02041          | 1            | 3.117e-3  | 4.096e-3    |