

## GeDiPNet Cluster 103 -- Top Shared Genes

Curated genes (disease\_gdp) linked to 2 or more of this cluster's member diseases, most widely shared first. Data as of: 2026-10-07 03:15:01. · Rows: 43 · Generated: 2026-10-07 16:30:28

| Gene     | Member Diseases Linked | Cluster Size | Linked Diseases                                                                                                                      |
|----------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------|
| IL7R     | 6                      | 12           | immunodeficiency 104; Nasal disorder; Nasal polyp; Pharyngeal disorder; Seasonal allergic rhinitis; Upper respiratory tract disorder |
| CLEC16A  | 4                      | 12           | Eosinophilia; Nasal disorder; Nasal polyp; Seasonal allergic rhinitis                                                                |
| IL18R1   | 4                      | 12           | Nasal disorder; Nasal polyp; Seasonal allergic rhinitis; Upper respiratory tract disorder                                            |
| IL1RL1   | 4                      | 12           | Nasal disorder; Nasal polyp; Seasonal allergic rhinitis; Upper respiratory tract disorder                                            |
| NFKB1    | 4                      | 12           | immunodeficiency, common variable, 12; Pharyngeal disorder; Seasonal allergic rhinitis; Upper respiratory tract disorder             |
| RANBP6   | 4                      | 12           | Nasal disorder; Nasal polyp; Seasonal allergic rhinitis; Upper respiratory tract disorder                                            |
| SMAD3    | 4                      | 12           | Eosinophilia; Nasal disorder; Seasonal allergic rhinitis; Upper respiratory tract disorder                                           |
| TSLP     | 4                      | 12           | Eosinophilia; Nasal polyp; Seasonal allergic rhinitis; Upper respiratory tract disorder                                              |
| WDR36    | 4                      | 12           | Eosinophilia; Nasal disorder; Nasal polyp; Seasonal allergic rhinitis                                                                |
| EMSY     | 3                      | 12           | Eosinophilia; Nasal disorder; Seasonal allergic rhinitis                                                                             |
| FBXO33   | 3                      | 12           | Nasal disorder; Pharyngeal disorder; Upper respiratory tract disorder                                                                |
| GAS2L2   | 3                      | 12           | ciliary dyskinesia, primary, 41; Nasal disorder; Pharyngeal disorder                                                                 |
| HLA-DQA1 | 3                      | 12           | Eosinophilia; Nasal polyp; Seasonal allergic rhinitis                                                                                |
| IL33     | 3                      | 12           | Nasal polyp; Seasonal allergic rhinitis; Upper respiratory tract disorder                                                            |
| NEK6     | 3                      | 12           | Nasal disorder; Pharyngeal disorder; Upper respiratory tract disorder                                                                |
| SPEF2    | 3                      | 12           | Nasal disorder; Nasal polyp; Seasonal allergic rhinitis                                                                              |
| ZBTB7A   | 3                      | 12           | Intellectual developmental disorder dysmorphic macrocephaly; Pharyngeal disorder; Upper respiratory tract disorder                   |
| ABO      | 2                      | 12           | Pharyngeal disorder; Seasonal allergic rhinitis                                                                                      |
| ADAM23   | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder                                                                                |
| ALOX15   | 2                      | 12           | Nasal polyp; Seasonal allergic rhinitis                                                                                              |
| ARNT     | 2                      | 12           | Nasal polyp; Pharyngeal disorder                                                                                                     |
| BACH2    | 2                      | 12           | Nasal polyp; Seasonal allergic rhinitis                                                                                              |
| CYP2S1   | 2                      | 12           | Nasal disorder; Nasal polyp                                                                                                          |
| ERBB3    | 2                      | 12           | Nasal polyp; Seasonal allergic rhinitis                                                                                              |
| FOXO1    | 2                      | 12           | Eosinophilia; Nasal disorder                                                                                                         |
| GATA3    | 2                      | 12           | Eosinophilia; Nasal polyp                                                                                                            |
| GTPBP2   | 2                      | 12           | Eosinophilia; jaber-elahi syndrome                                                                                                   |
| HLA-B    | 2                      | 12           | Nasal polyp; Seasonal allergic rhinitis                                                                                              |
| HLA-DRB1 | 2                      | 12           | Eosinophilia; Nasal polyp                                                                                                            |
| IKZF1    | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder                                                                                |
| IKZF3    | 2                      | 12           | Nasal disorder; Seasonal allergic rhinitis                                                                                           |

| Gene      | Member Diseases Linked | Cluster Size | Linked Diseases                                       |
|-----------|------------------------|--------------|-------------------------------------------------------|
| JAZF1     | 2                      | 12           | Eosinophilia; Seasonal allergic rhinitis              |
| KLHL1     | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder |
| KRT19     | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder |
| LTBR      | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder |
| RAD50     | 2                      | 12           | Eosinophilia; Seasonal allergic rhinitis              |
| RORA      | 2                      | 12           | Eosinophilia; Seasonal allergic rhinitis              |
| RPS26     | 2                      | 12           | Nasal polyp; Seasonal allergic rhinitis               |
| SLC12A8   | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder |
| SLC25A24  | 2                      | 12           | Eosinophilia; fontaine progeroid syndrome             |
| TET2      | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder |
| TNFRSF13B | 2                      | 12           | Pharyngeal disorder; Upper respiratory tract disorder |
| XKR6      | 2                      | 12           | Eosinophilia; Seasonal allergic rhinitis              |