

GeDiPNet Cluster 34 -- 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: 2026-10-09 03:15:01. · Rows: 94 · Generated: 2026-10-09 19:02:43

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
IL18	9	17	Allergic contact dermatitis; Atopic dermatitis; Autoimmune hepatitis; Behcet disease; Contact dermatitis; Giant cell arteritis; Glomerulonephritis; Hypersensitivity; Rhinitis
IL10	8	17	Allergic contact dermatitis; Atopic dermatitis; Autoimmune hepatitis; Behcet disease; Glomerulonephritis; Hypersensitivity; Rhinitis; Uveitis
IL4	8	17	Allergic contact dermatitis; Atopic dermatitis; Autoimmune hepatitis; Behcet disease; Dermatitis; Giant cell arteritis; Hypersensitivity; Rhinitis
TNF	8	17	Allergic contact dermatitis; Atopic dermatitis; Behcet disease; Dermatitis; Glomerulonephritis; Hypersensitivity; Rhinitis; Uveitis
IFNG	7	17	Allergic contact dermatitis; Atopic dermatitis; Autoimmune hepatitis; Giant cell arteritis; Glomerulonephritis; Hypersensitivity; Rhinitis
HLA-DRB1	6	17	Autoimmune hepatitis; Behcet disease; Dermatitis; Giant cell arteritis; Hypersensitivity; Uveitis
IL13	6	17	Atopic dermatitis; Autoimmune hepatitis; Dermatitis; Hypersensitivity; Rhinitis; Uveitis
IL1B	6	17	Atopic dermatitis; Behcet disease; Glomerulonephritis; Hypersensitivity; Rhinitis; Uveitis
IL2	6	17	Allergic contact dermatitis; Atopic dermatitis; Autoimmune hepatitis; Behcet disease; Glomerulonephritis; Rhinitis
TLR4	6	17	Allergic contact dermatitis; Atopic dermatitis; Behcet disease; Contact dermatitis; Giant cell arteritis; Rhinitis
CCL2	5	17	Autoimmune hepatitis; Behcet disease; Giant cell arteritis; Glomerulonephritis; Hypersensitivity
CYP1A1	5	17	Allergic contact dermatitis; Atopic dermatitis; Behcet disease; Contact dermatitis; Hypersensitivity
HLA-B	5	17	Behcet disease; Dermatitis; Giant cell arteritis; Hypersensitivity; Uveitis
HLA-DQA1	5	17	Autoimmune hepatitis; Dermatitis; Glomerulonephritis; Hypersensitivity; Rhinitis
IL6	5	17	Atopic dermatitis; Autoimmune hepatitis; Glomerulonephritis; Hypersensitivity; Uveitis
TGFB1	5	17	Atopic dermatitis; Autoimmune hepatitis; Behcet disease; Hypersensitivity; Uveitis
ALB	4	17	Glomerulonephritis; Hypersensitivity; Rhinitis; Uveitis
CCR1	4	17	Allergic contact dermatitis; Behcet disease; Contact dermatitis; Hypersensitivity
CCR2	4	17	Allergic contact dermatitis; Hypersensitivity; Rhinitis; Uveitis
CXCR3	4	17	Atopic dermatitis; Contact dermatitis; Glomerulonephritis; Hypersensitivity
HLA-DQB1	4	17	Autoimmune hepatitis; Behcet disease; Hypersensitivity; Rhinitis
MBL2	4	17	Atopic dermatitis; Behcet disease; Giant cell arteritis; Rhinitis
AHR	3	17	Atopic dermatitis; Behcet disease; Contact dermatitis
CCL24	3	17	Atopic dermatitis; Hypersensitivity; Rhinitis
CCL5	3	17	Atopic dermatitis; Autoimmune hepatitis; Glomerulonephritis
CCR3	3	17	Atopic dermatitis; Behcet disease; Rhinitis
CCR5	3	17	Atopic dermatitis; Behcet disease; Uveitis
CTLA4	3	17	Atopic dermatitis; Autoimmune hepatitis; Behcet disease
EMSY	3	17	Atopic dermatitis; Dermatitis; Rhinitis
FCGR3A	3	17	Behcet disease; Giant cell arteritis; Rhinitis
FLG	3	17	Atopic dermatitis; Contact dermatitis; Dermatitis

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
IL17A	3	17	Giant cell arteritis; Hypersensitivity; Rhinitis
IL23R	3	17	Behcet disease; Rhinitis; Uveitis
IL2RA	3	17	Allergic contact dermatitis; Dermatitis; Glomerulonephritis
IL5	3	17	Allergic contact dermatitis; Atopic dermatitis; Autoimmune hepatitis
ITGB2	3	17	Behcet disease; Dermatitis; Hypersensitivity
MS4A2	3	17	Atopic dermatitis; Hypersensitivity; Rhinitis
NAT2	3	17	Allergic contact dermatitis; Atopic dermatitis; Behcet disease
NOD2	3	17	Behcet disease; Dermatitis; Rhinitis
SERPINE1	3	17	Behcet disease; Glomerulonephritis; Rhinitis
TLR2	3	17	Atopic dermatitis; Behcet disease; Rhinitis
TNFRSF1A	3	17	Behcet disease; Hypersensitivity; Uveitis
VDR	3	17	Atopic dermatitis; Autoimmune hepatitis; Behcet disease
ABCB1	2	17	Behcet disease; Rhinitis
ALK	2	17	Behcet disease; Glomerulonephritis
BCL2	2	17	Allergic contact dermatitis; Contact dermatitis
BDNF	2	17	Atopic dermatitis; Rhinitis
CAPSL	2	17	Dermatitis; Rhinitis
CASP8	2	17	Allergic contact dermatitis; Contact dermatitis
CAT	2	17	Behcet disease; Rhinitis
CCL11	2	17	Atopic dermatitis; Hypersensitivity
CCL17	2	17	Atopic dermatitis; Hypersensitivity
CCL19	2	17	Allergic contact dermatitis; Hypersensitivity
CCL3	2	17	Glomerulonephritis; Hypersensitivity
CCL4	2	17	Glomerulonephritis; Hypersensitivity
CCL7	2	17	Glomerulonephritis; Hypersensitivity
CDH19	2	17	Glomerulonephritis; Microscopic polyangiitis
CLDN1	2	17	Atopic dermatitis; Contact dermatitis
CLEC16A	2	17	Dermatitis; Rhinitis
CNDP1	2	17	Carnosinemia; Glomerulonephritis
CXCL1	2	17	Autoimmune hepatitis; Hypersensitivity
CXCL8	2	17	Behcet disease; Glomerulonephritis
CYP2D6	2	17	Autoimmune hepatitis; Rhinitis
DSG1	2	17	Dermatitis; Hypersensitivity
EGFR	2	17	Behcet disease; Dermatitis

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
ERAP1	2	17	Behcet disease; Uveitis
F2	2	17	Autoimmune hepatitis; Glomerulonephritis
FAS	2	17	Behcet disease; Glomerulonephritis
GLB1	2	17	Atopic dermatitis; Contact dermatitis
GSTP1	2	17	Atopic dermatitis; Contact dermatitis
HLA-A	2	17	Dermatitis; Uveitis
HMOX1	2	17	Contact dermatitis; Rhinitis
HNMT	2	17	Atopic dermatitis; Rhinitis
IL1A	2	17	Allergic contact dermatitis; Behcet disease
IL1RN	2	17	Glomerulonephritis; Rhinitis
IL21R	2	17	Behcet disease; Giant cell arteritis
IL33	2	17	Atopic dermatitis; Hypersensitivity
IL4R	2	17	Atopic dermatitis; Rhinitis
LEP	2	17	Autoimmune hepatitis; Rhinitis
MRC1	2	17	Allergic contact dermatitis; Rhinitis
MTHFR	2	17	Glomerulonephritis; Hypersensitivity
PHYKPL	2	17	Glomerulonephritis; phosphohydroxylysineuria
PTPN22	2	17	Behcet disease; Giant cell arteritis
S100A8	2	17	Atopic dermatitis; Contact dermatitis
SELE	2	17	Allergic contact dermatitis; Atopic dermatitis
SELP	2	17	Atopic dermatitis; Hypersensitivity
SHARPIN	2	17	Autoinflammation with episodic fever and immune dysregulation; Dermatitis
SLC11A1	2	17	Atopic dermatitis; Behcet disease
SPP1	2	17	Allergic contact dermatitis; Hypersensitivity
STAT4	2	17	Autoimmune hepatitis; Behcet disease
TLR7	2	17	Allergic contact dermatitis; systemic lupus erythematosus 17
TSLP	2	17	Atopic dermatitis; Hypersensitivity
TXNRD1	2	17	Contact dermatitis; Lewis lung carcinoma
VEGFA	2	17	Contact dermatitis; Glomerulonephritis