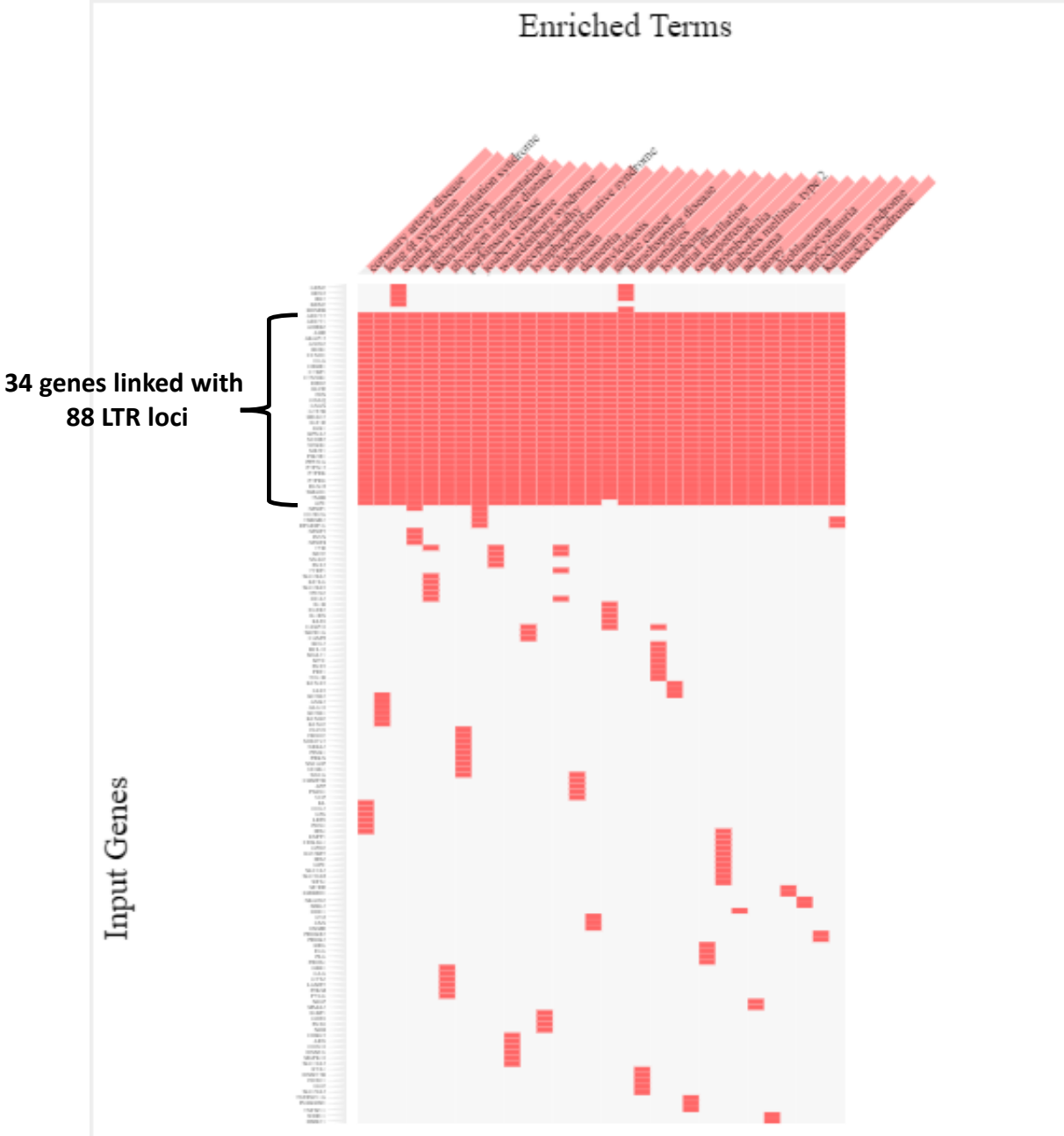


Supplementary Figure S1. 8839
LTRs 5444 genes 88 LTRs 34
genes

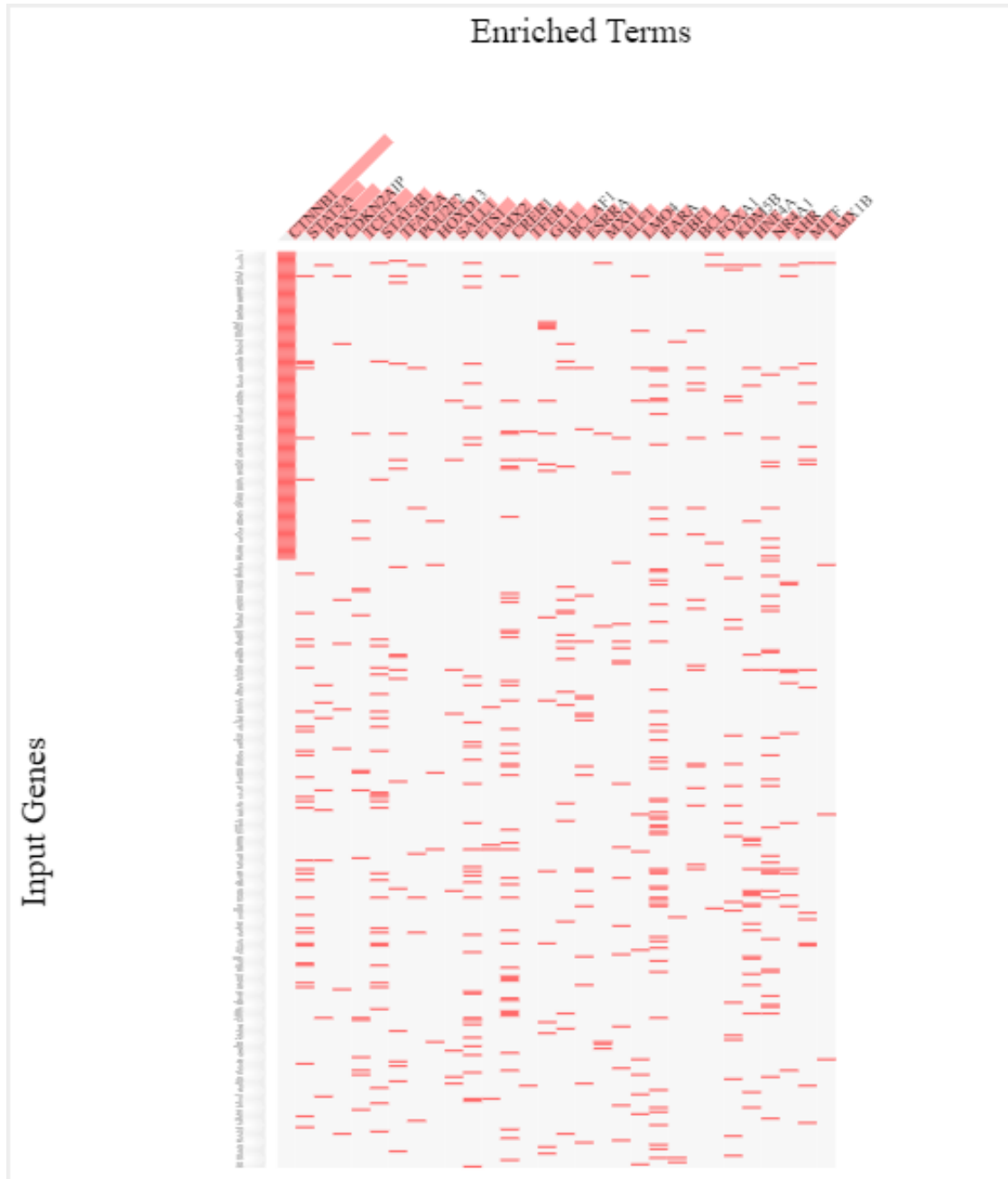
A

OMIM Expanded PPI database of human disease-causing genes
5444 genes linked with 8839 LTR loci



B

Transcription factors PPI database
5444 genes linked with 8839 LTR loci

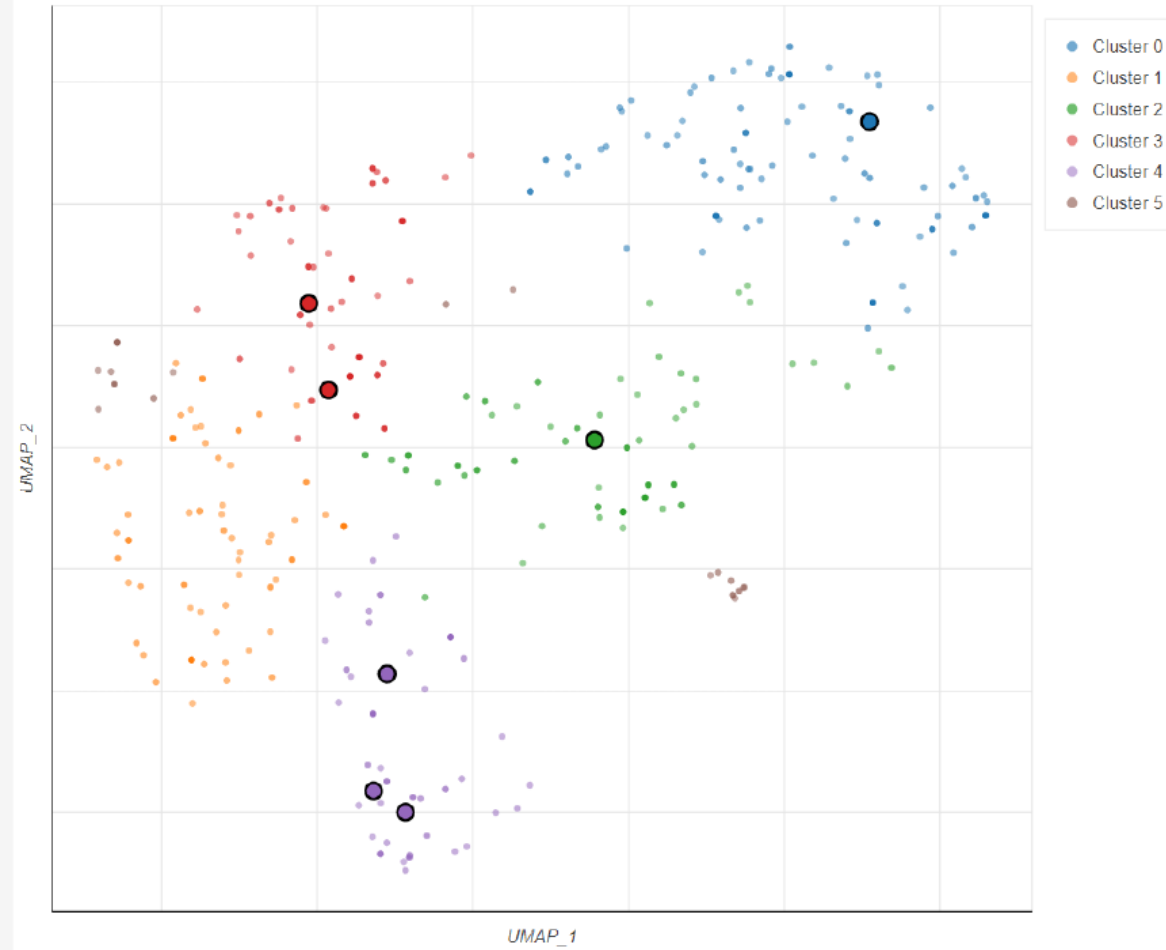


Transcription factors PPI database
34 genes linked with 88 LTR loci



Transcription Factor PPI database
5444 genes linked with 8839 LTR loci

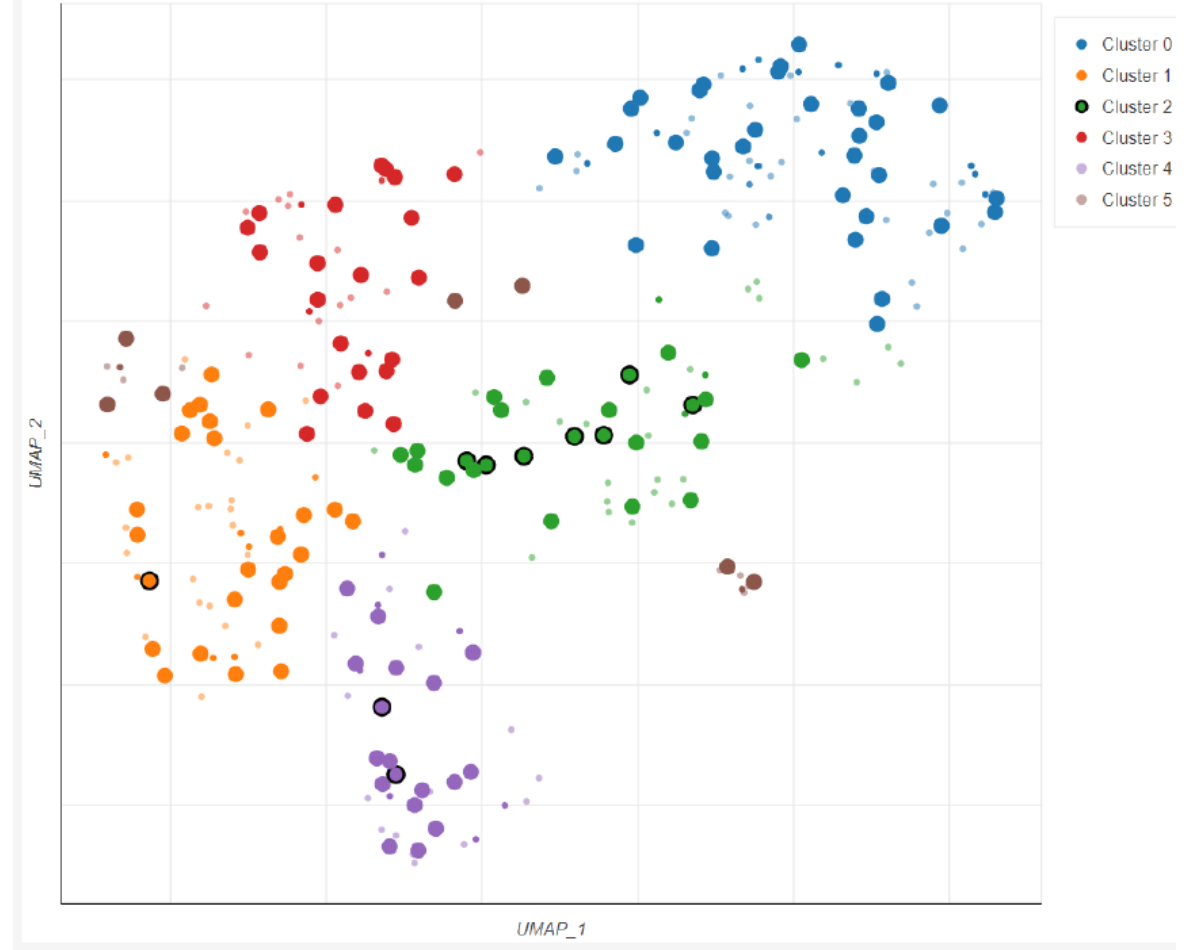
Scatter plot visualization for Transcription_Factor_PPIs.



1 significantly enriched record

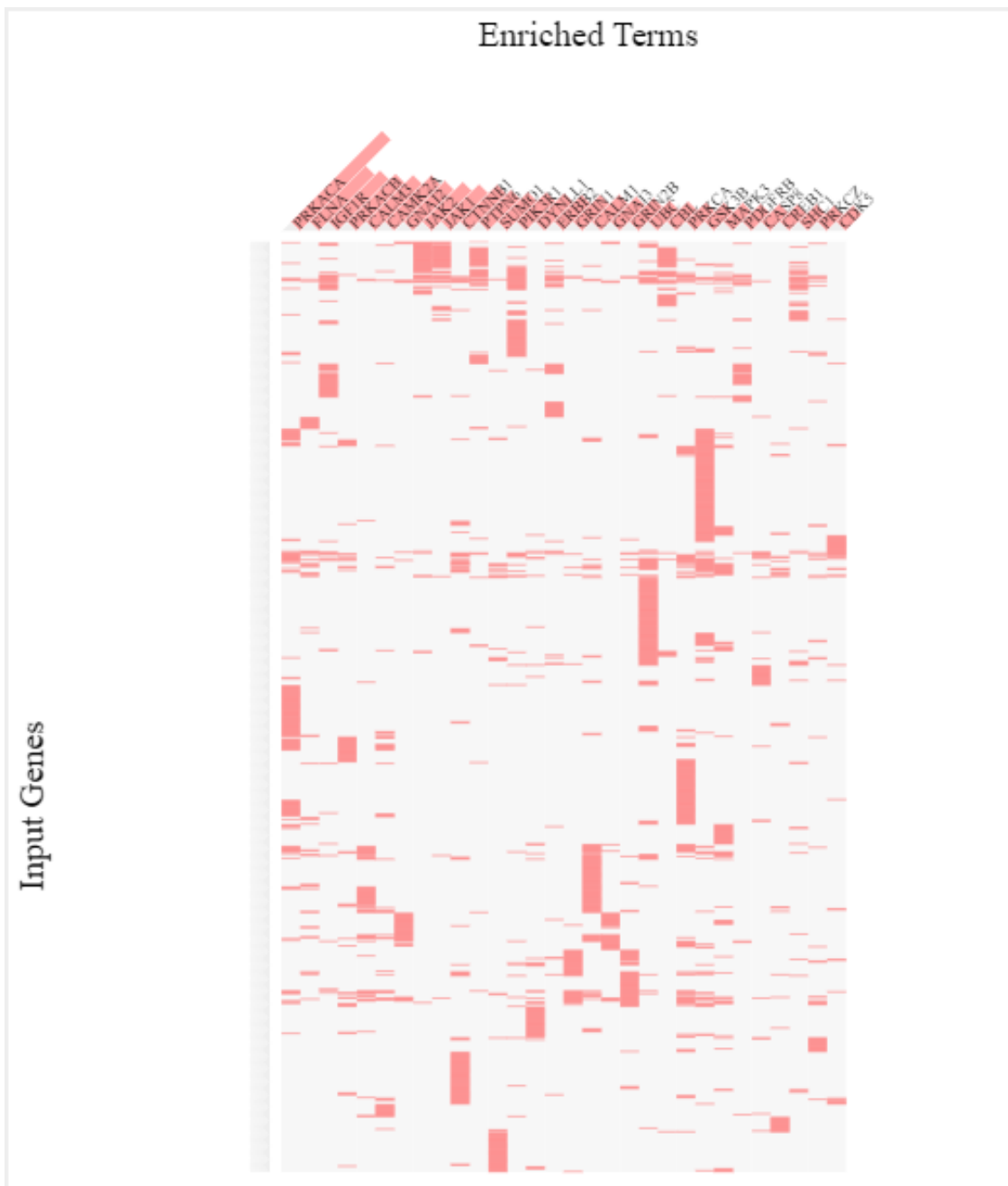
Transcription Factor PPI database
34 genes linked with 88 LTR loci

Scatter plot visualization for Transcription_Factor_PPIs.



121 significantly enriched records

PPI Hub Proteins database
5444 genes linked with 8839 LTR loci

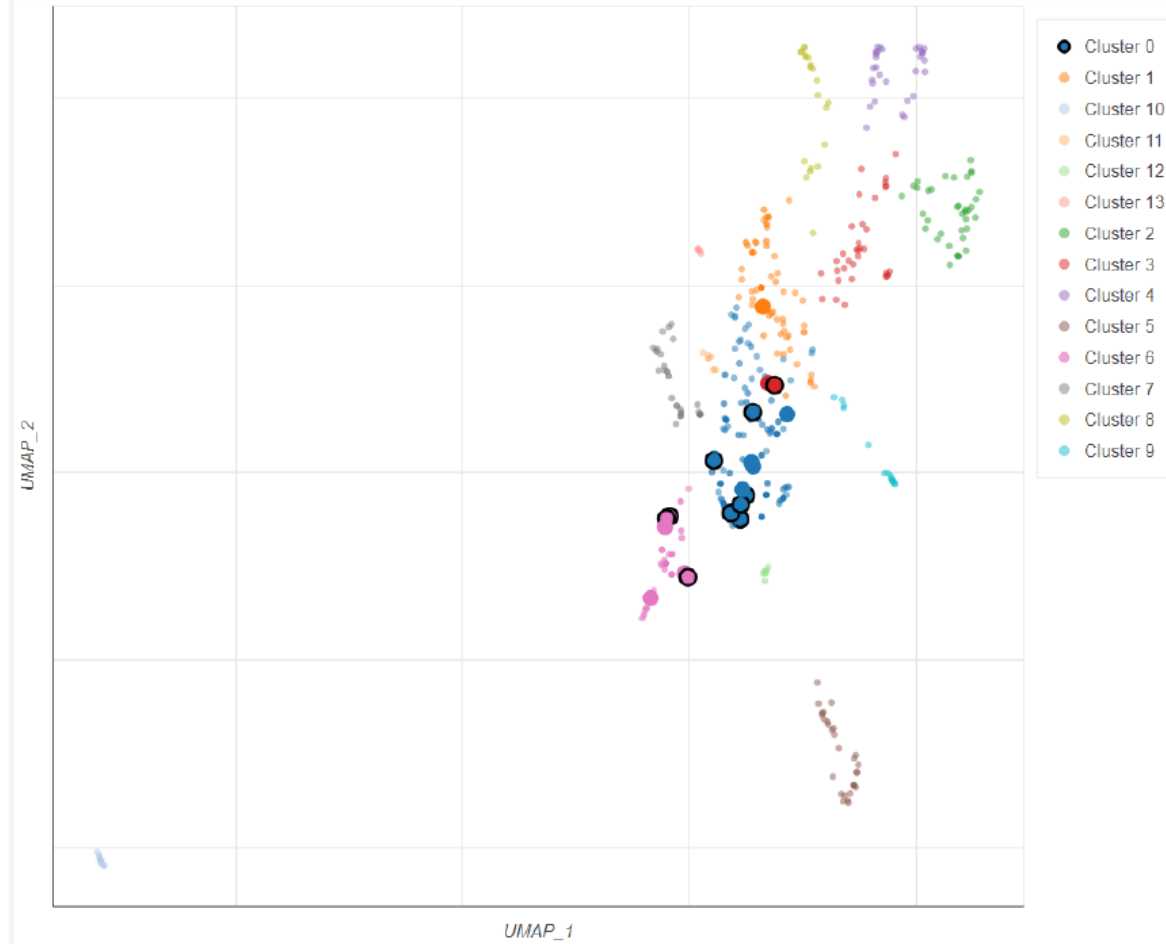


PPI Hub Proteins database
34 genes linked with 88 LTR loci



Hub Proteins PPI database
5444 genes linked with 8839 LTR loci

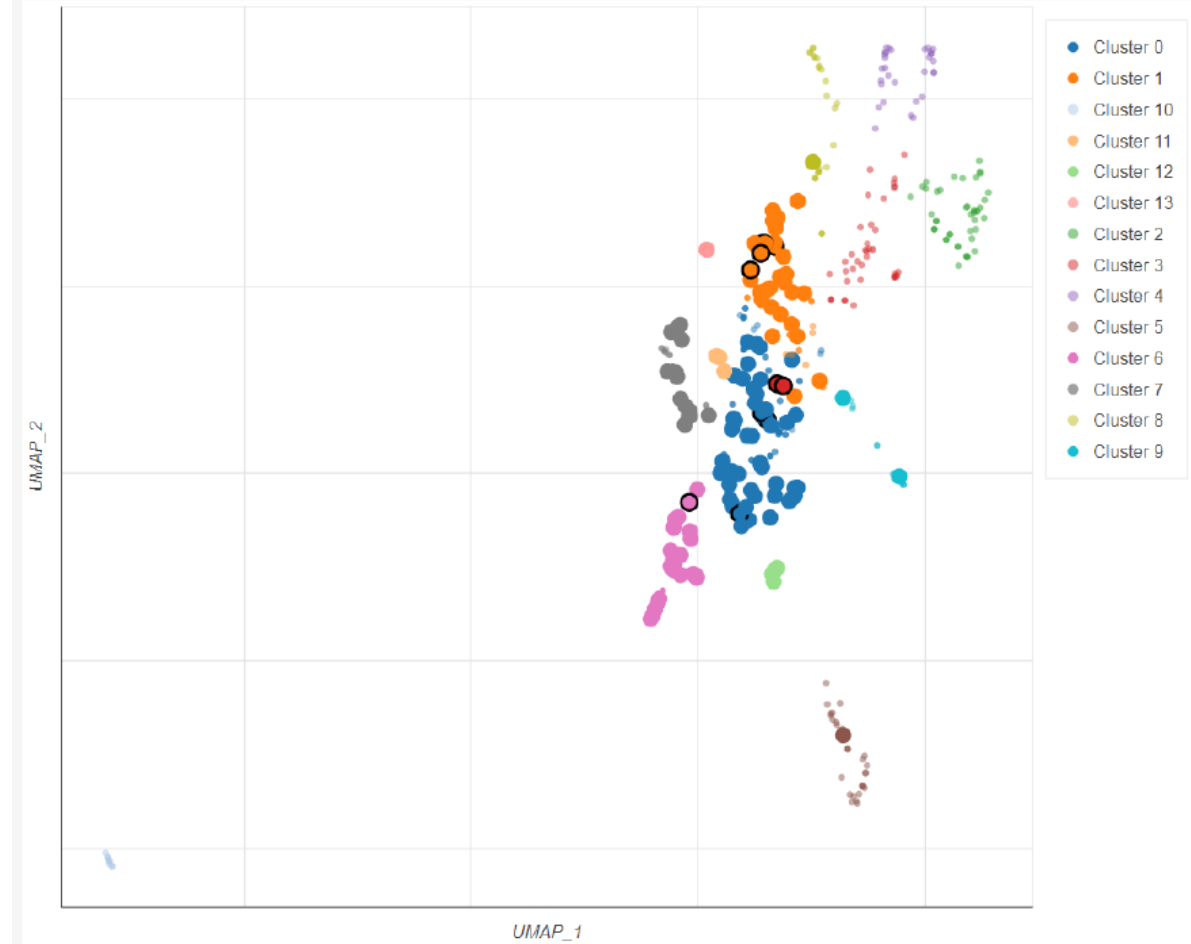
Scatter plot visualization for PPI_Hub_Proteins.



1 significantly enriched record

Hub Proteins PPI database
34 genes linked with 88 LTR loci

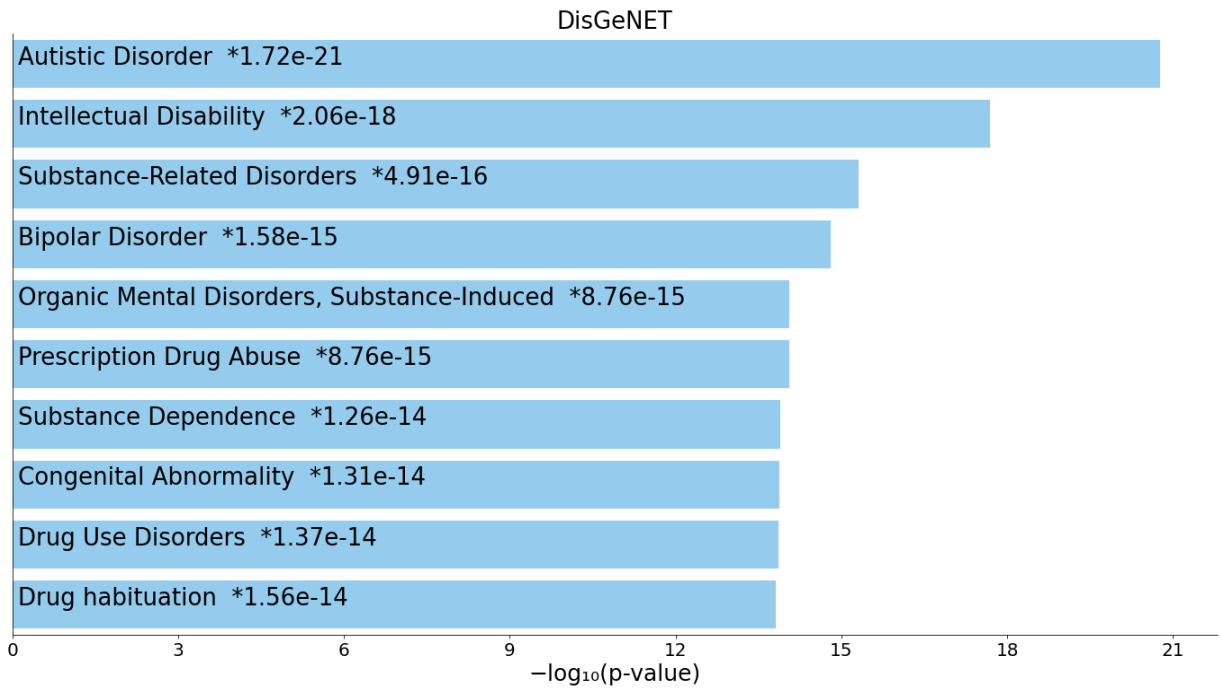
Scatter plot visualization for PPI_Hub_Proteins.



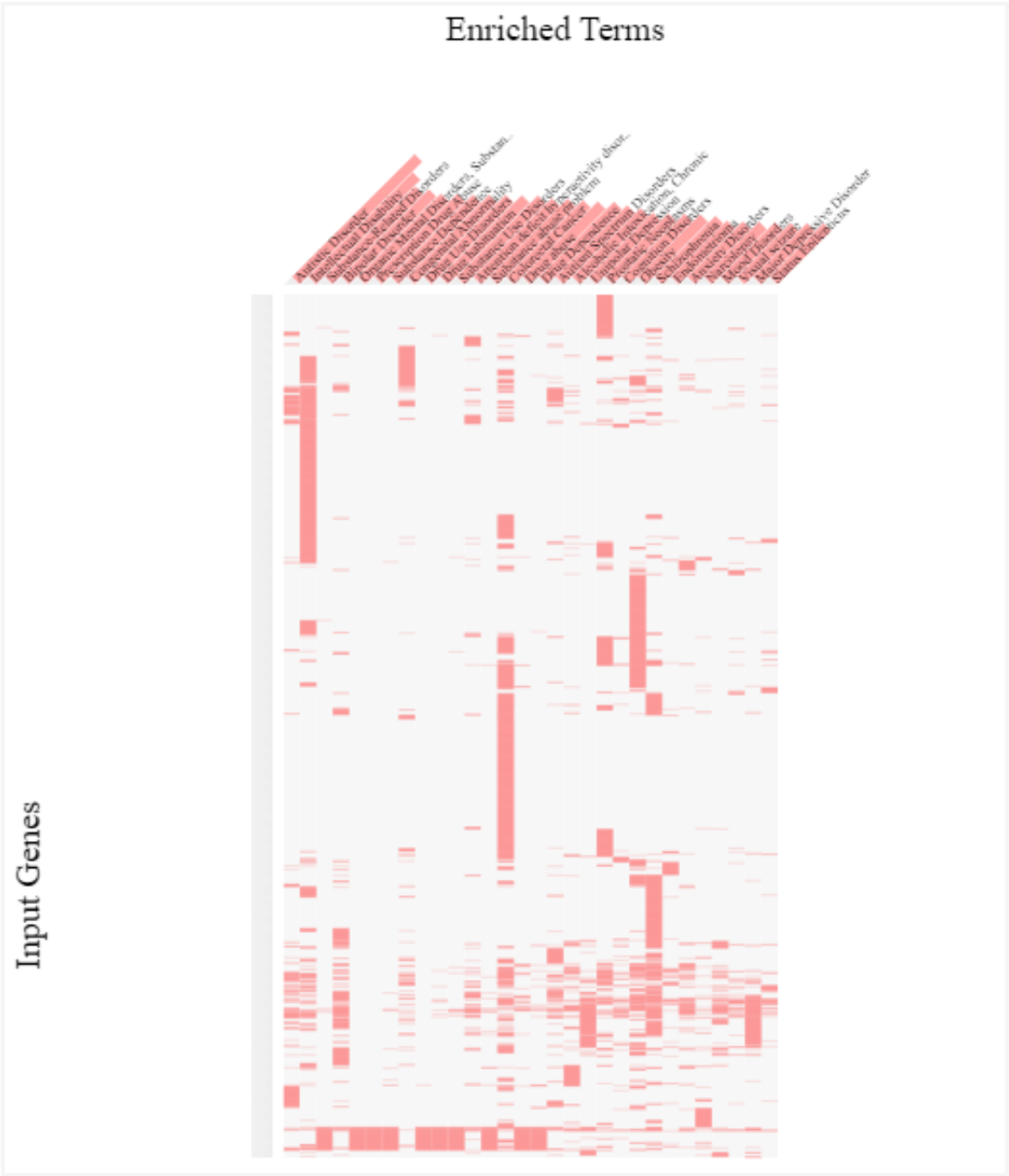
124 significantly enriched records

F

DisGeNET database of human diseases
5444 genes linked with 8839 LTR loci



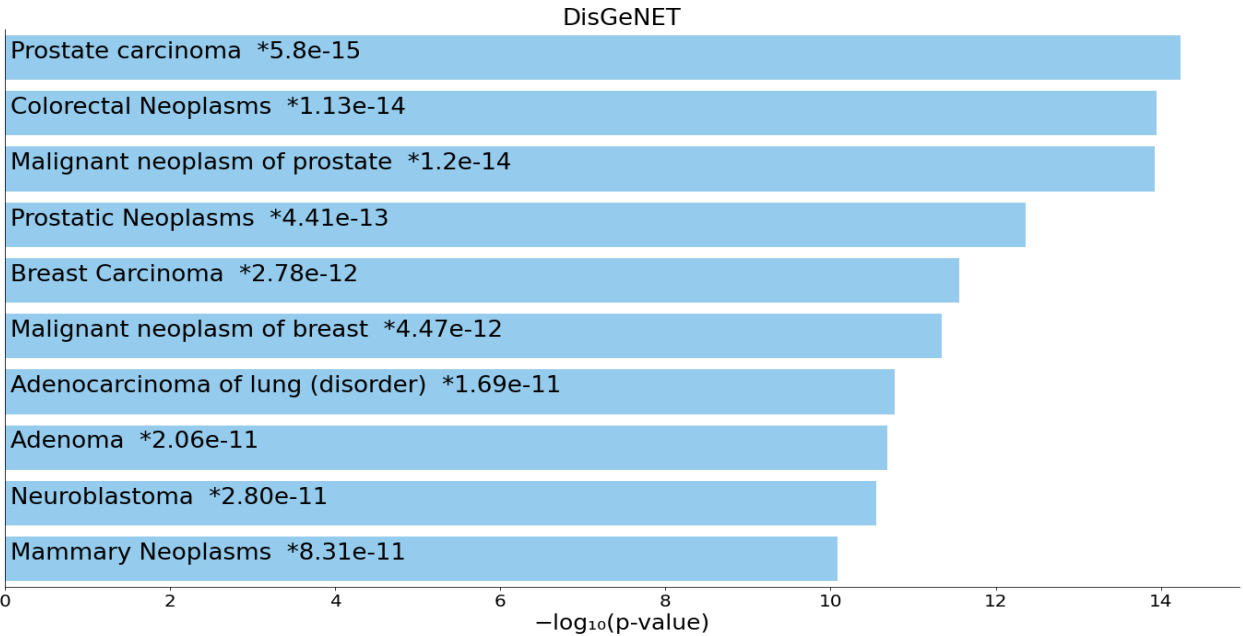
Top 10 of 477 significantly enriched records



Top 30 of 477 significantly enriched records

G

DisGeNET database of human diseases
34 genes linked with 88 LTR loci



Top 10 of 1387 significantly enriched records

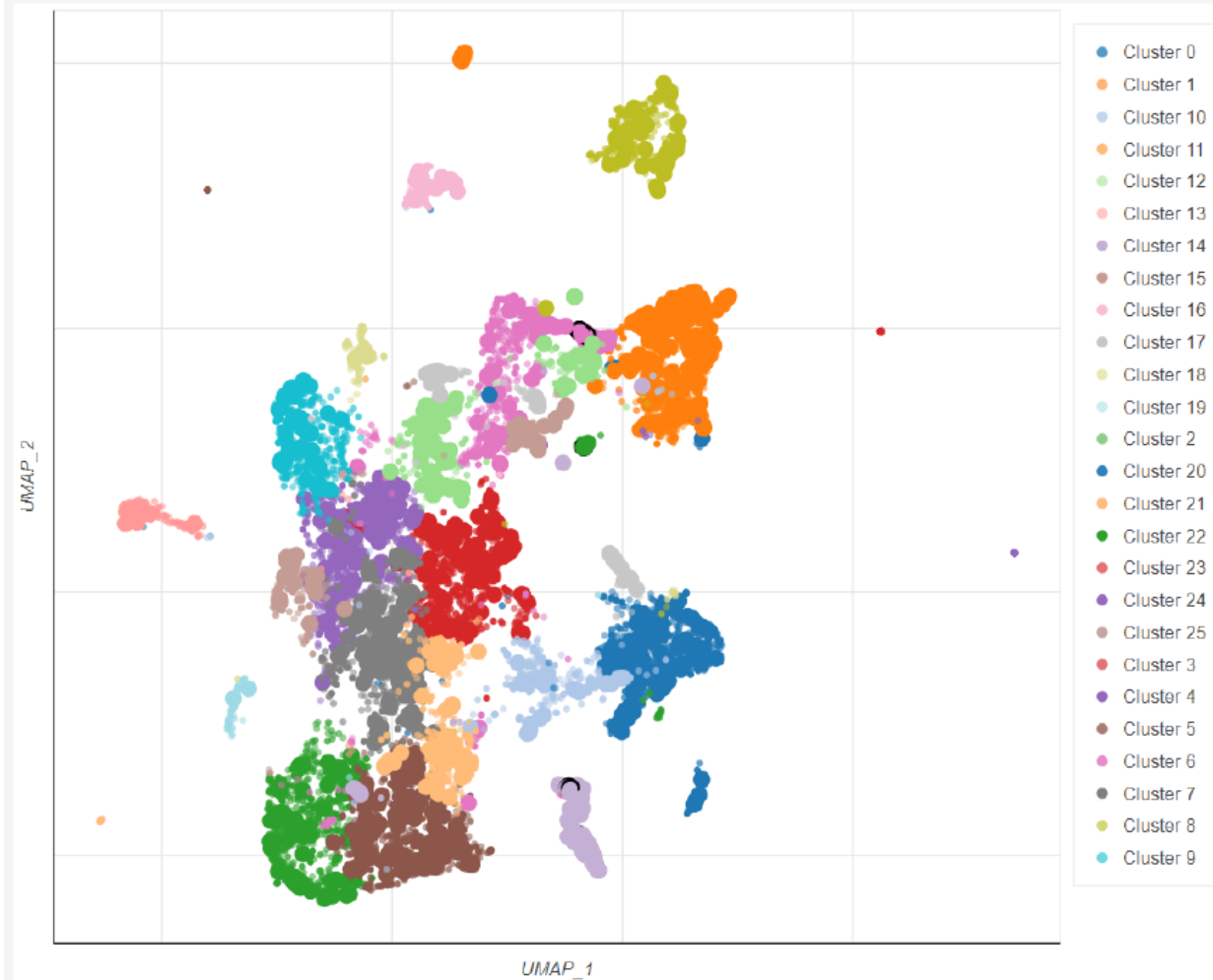


H

DisGeNET database of human diseases
5444 genes linked with 8839 LTR loci

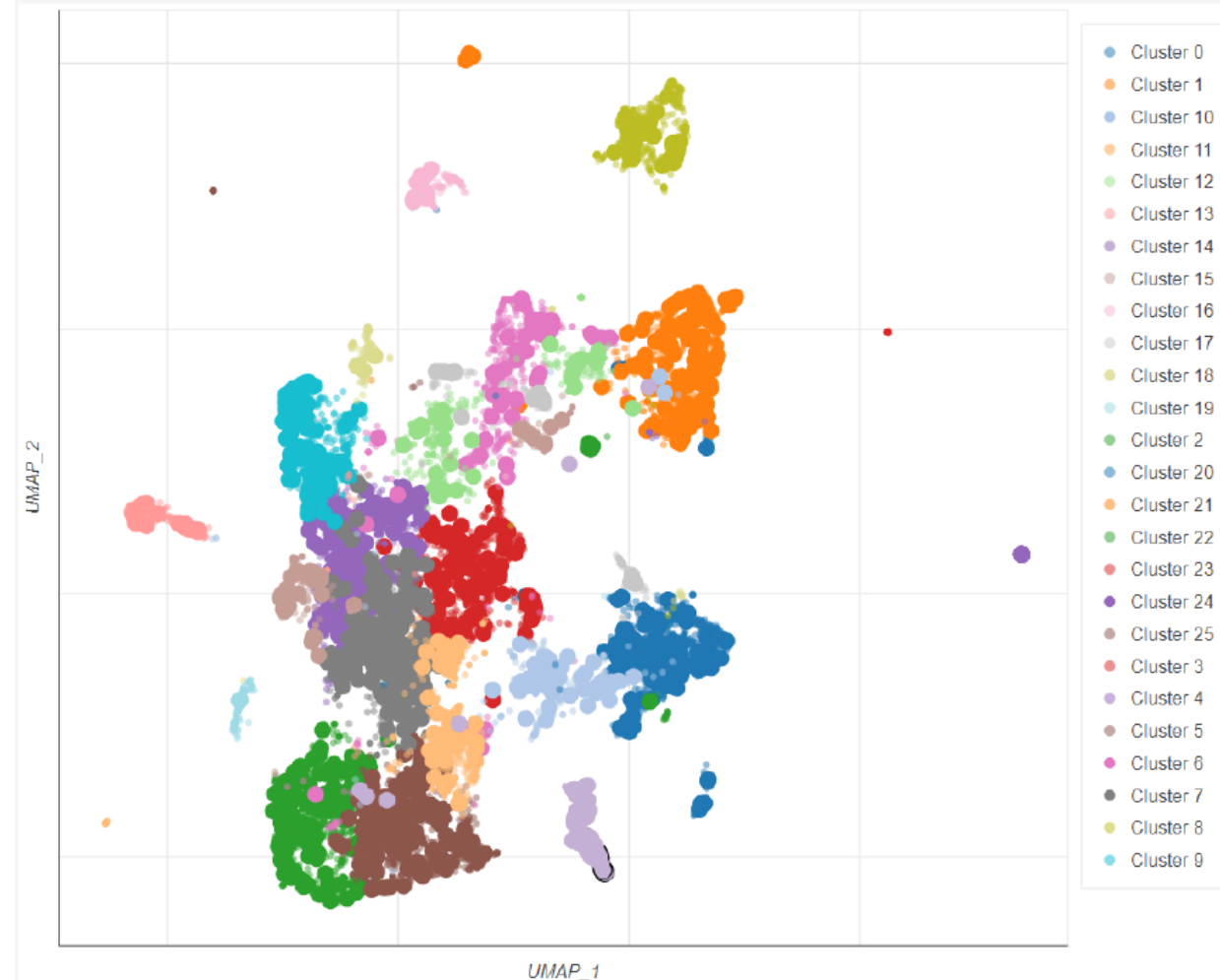
DisGeNET database of human diseases
34 genes linked with 88 LTR loci

Scatter plot visualization for DisGeNET.



477 significantly enriched records

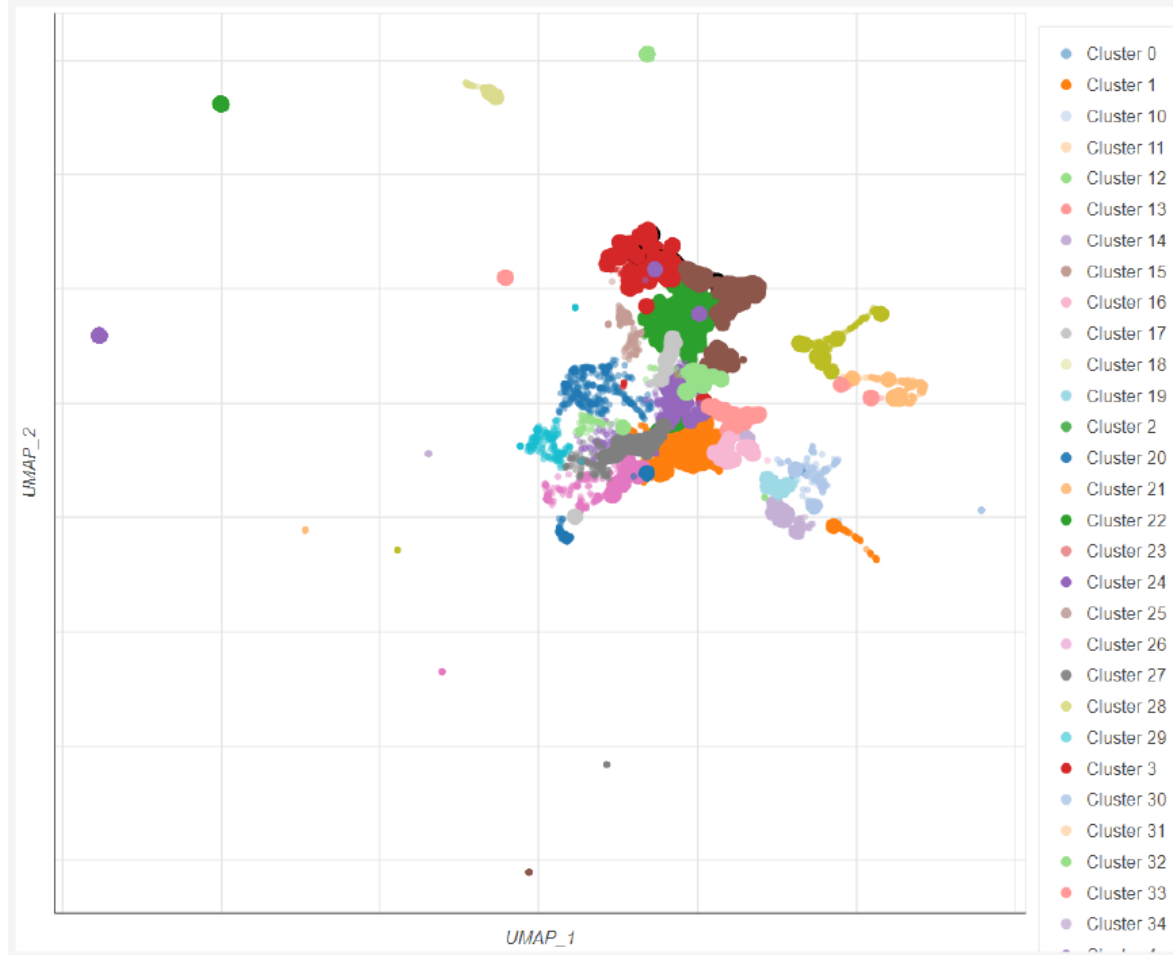
Scatter plot visualization for DisGeNET.



1387 significantly enriched records

Orphanet Augmented 2021 database
5444 genes linked with 8839 LTR loci

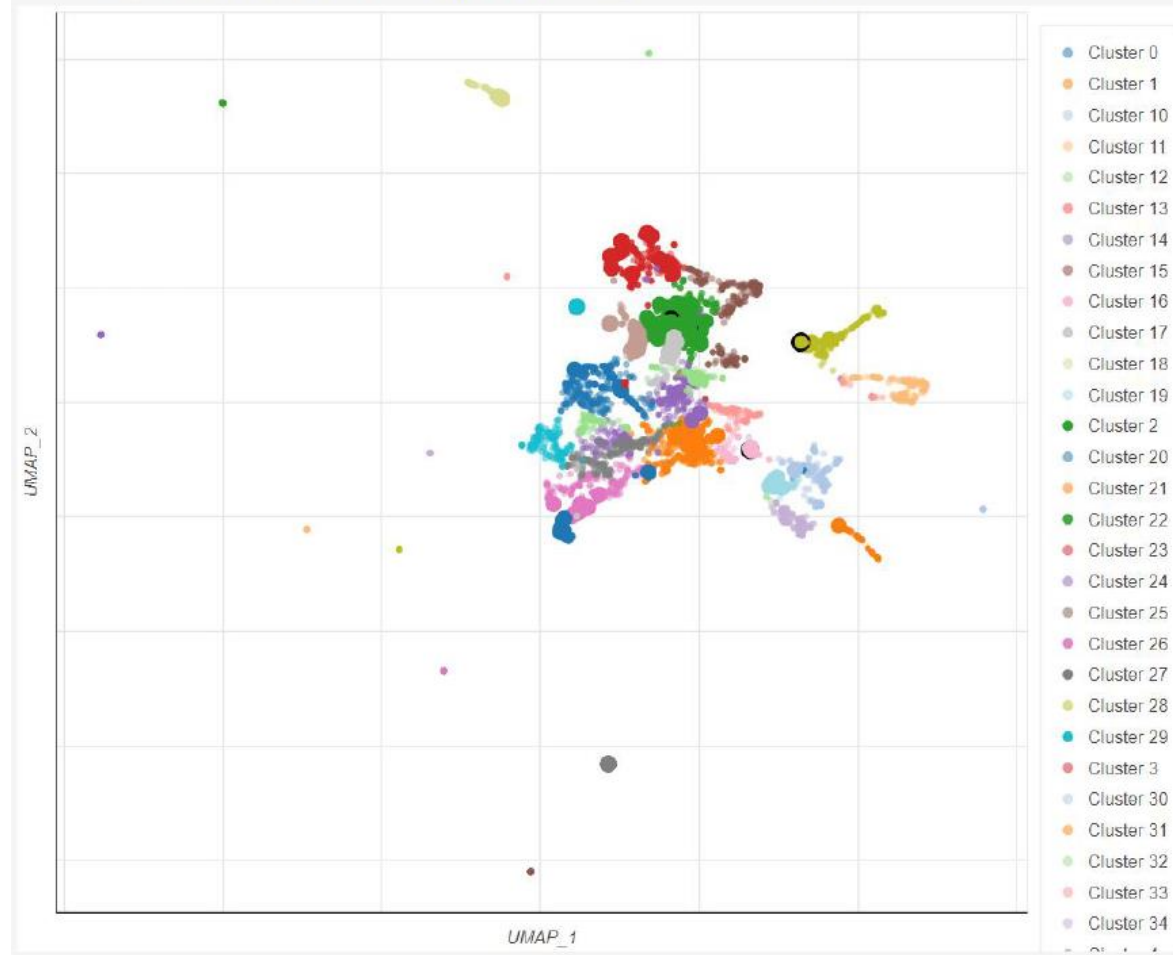
Scatter plot visualization for Orphanet_Augmented_2021.



1095 significantly enriched records

Orphanet Augmented 2021 database
34 genes linked with 88 LTR loci

Scatter plot visualization for Orphanet_Augmented_2021.



78 significantly enriched records