

Figure S1. (A,B) B cell and macrophage expression in patients from dataset GSE162835. (C,D) Natural killer cell and T cell expression in patients from dataset GSE162835.

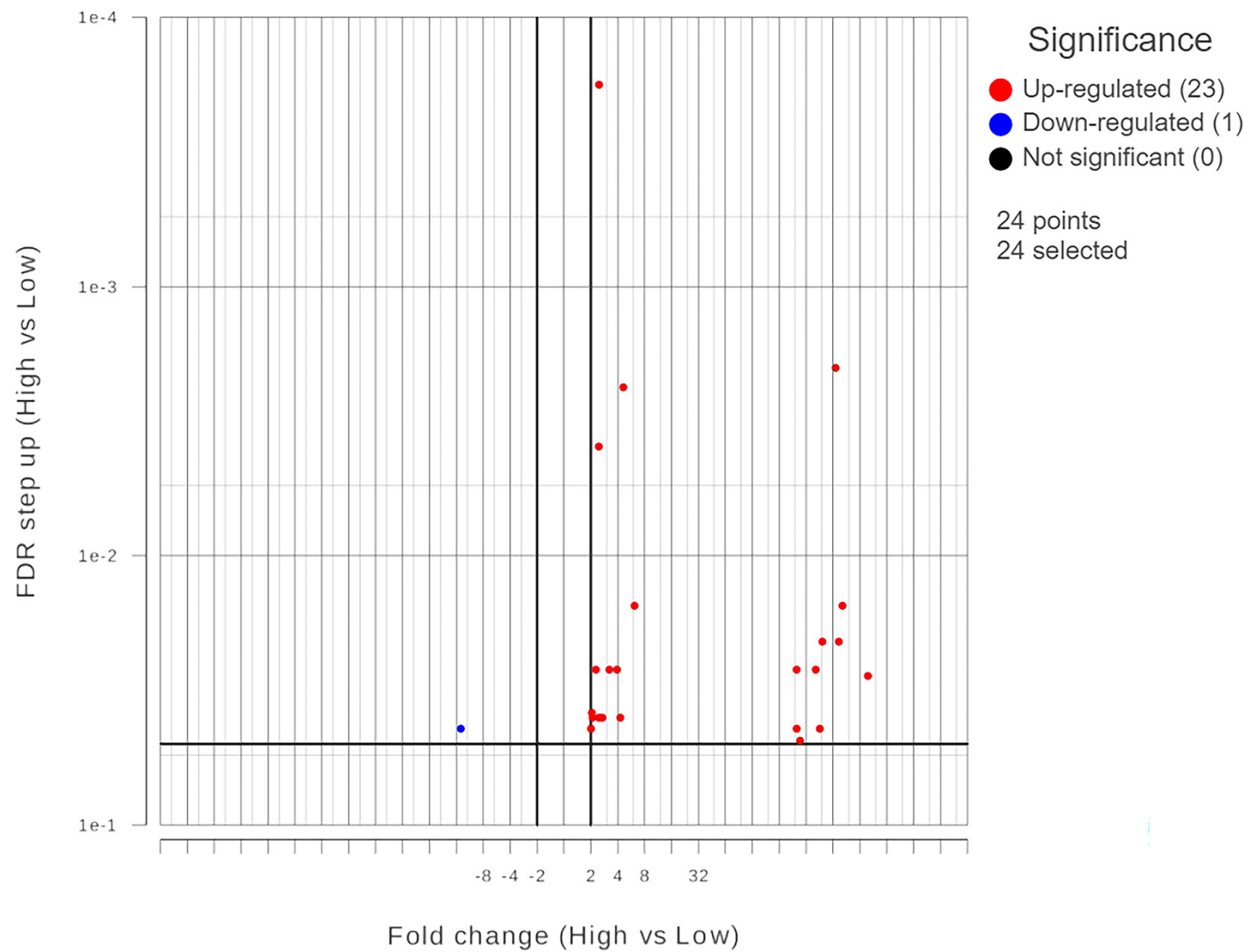


Figure S2. GSE150316 Volcano Plot of High versus Low Viral Load. Red dots are upregulated genes and blue dots are downregulated genes.

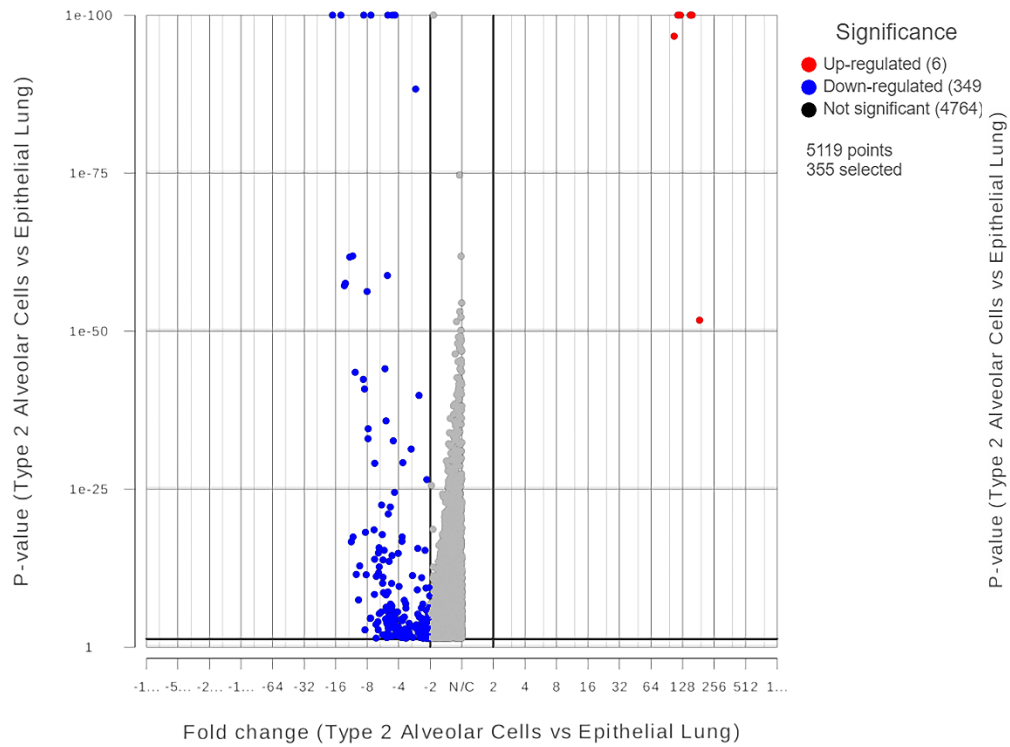
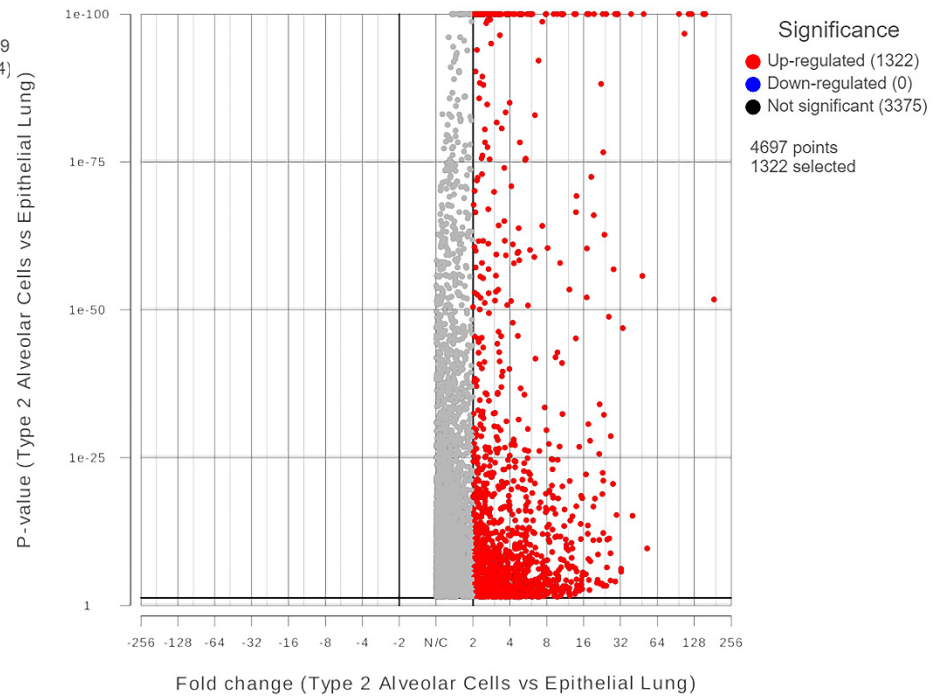
A)**B)**

Figure S3. (A,B) GSE168215 Volcano Plots of AT2 Cells versus General Lung Epithelia. Red dots are upregulated genes and blue dots are downregulated genes.

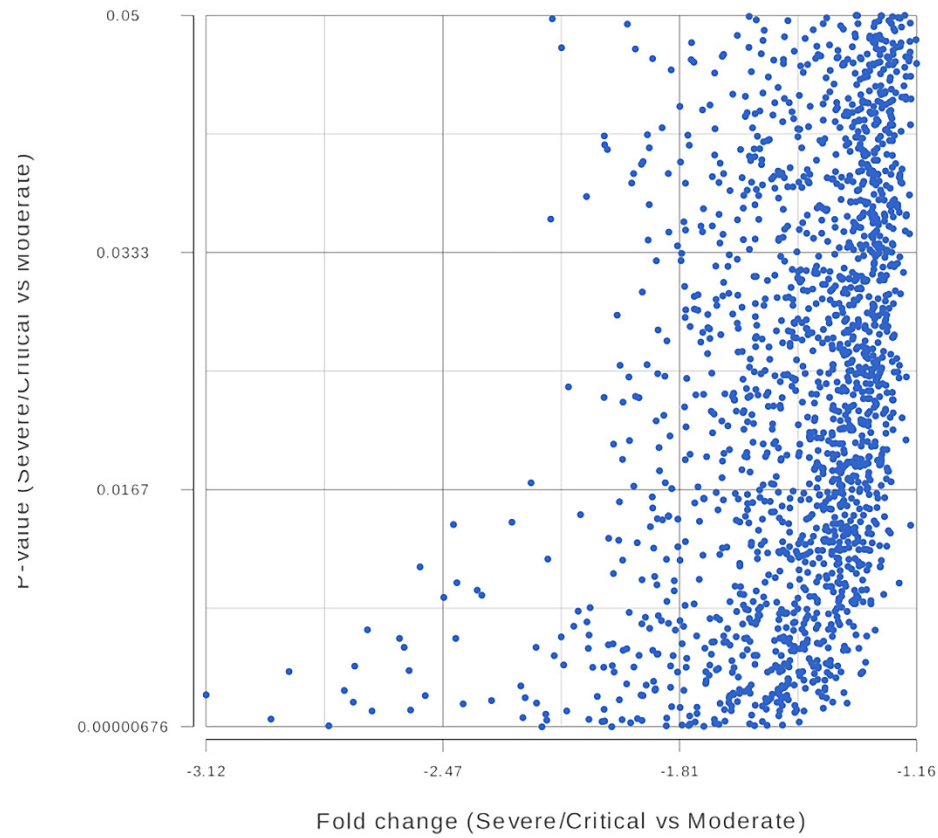
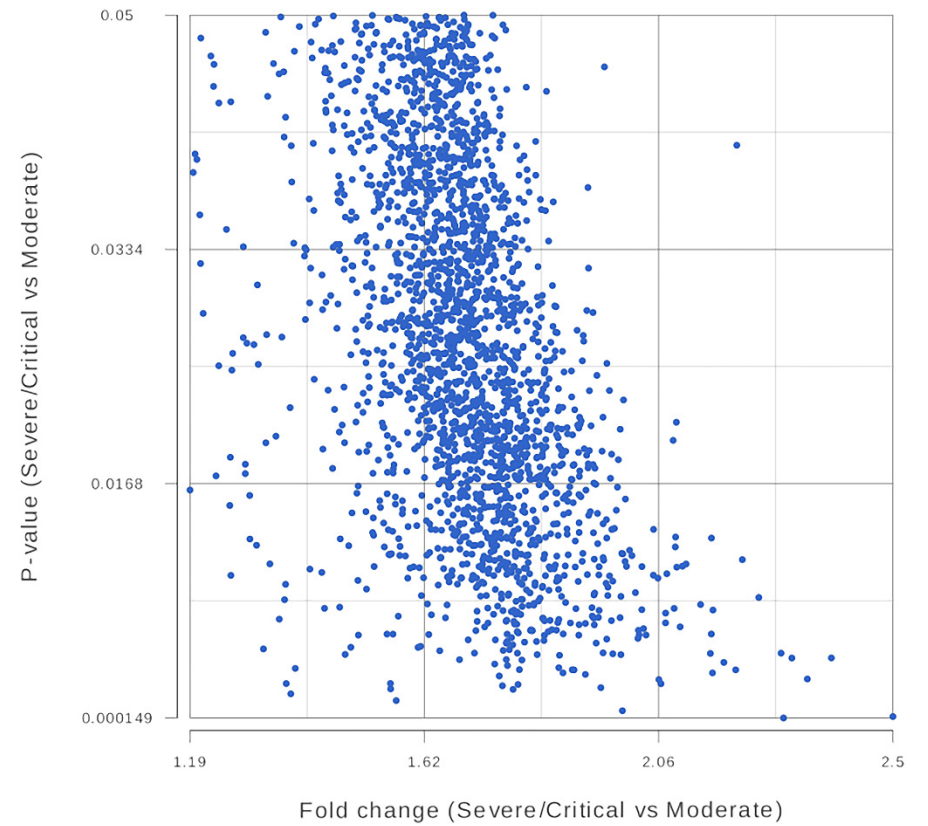
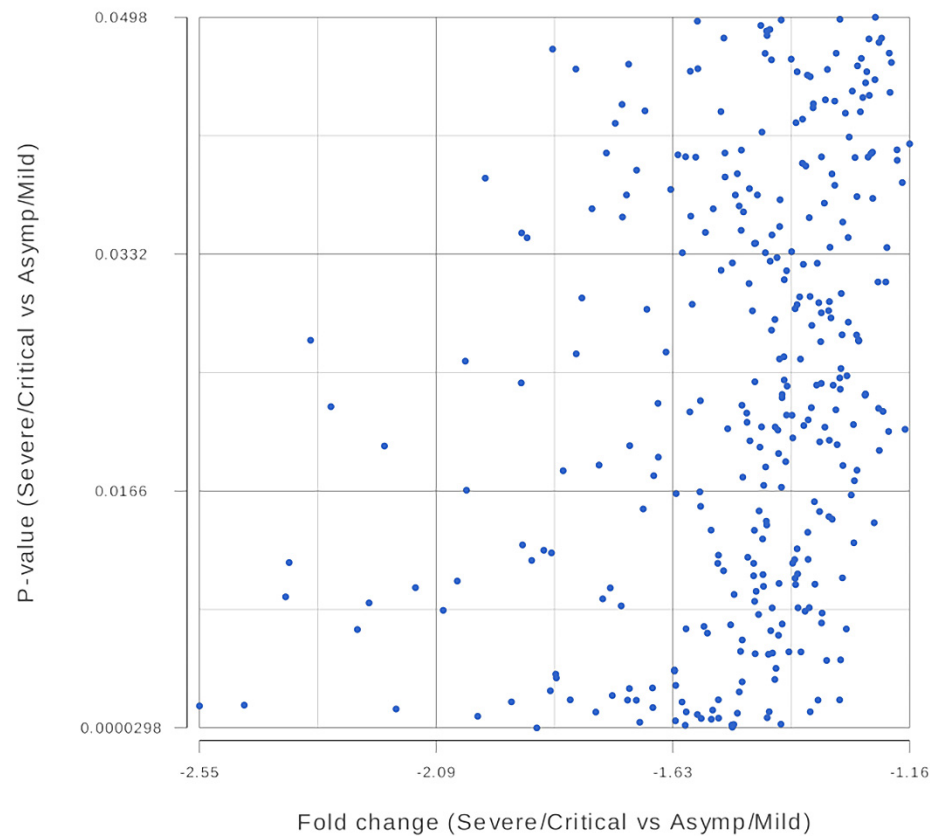
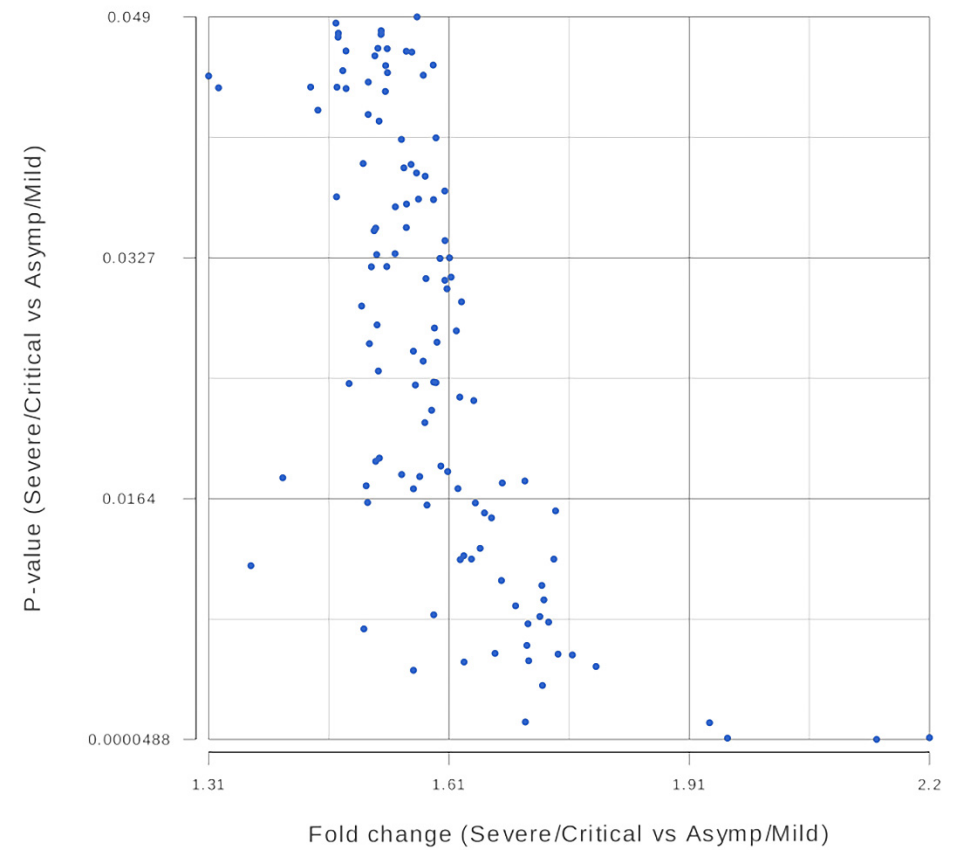
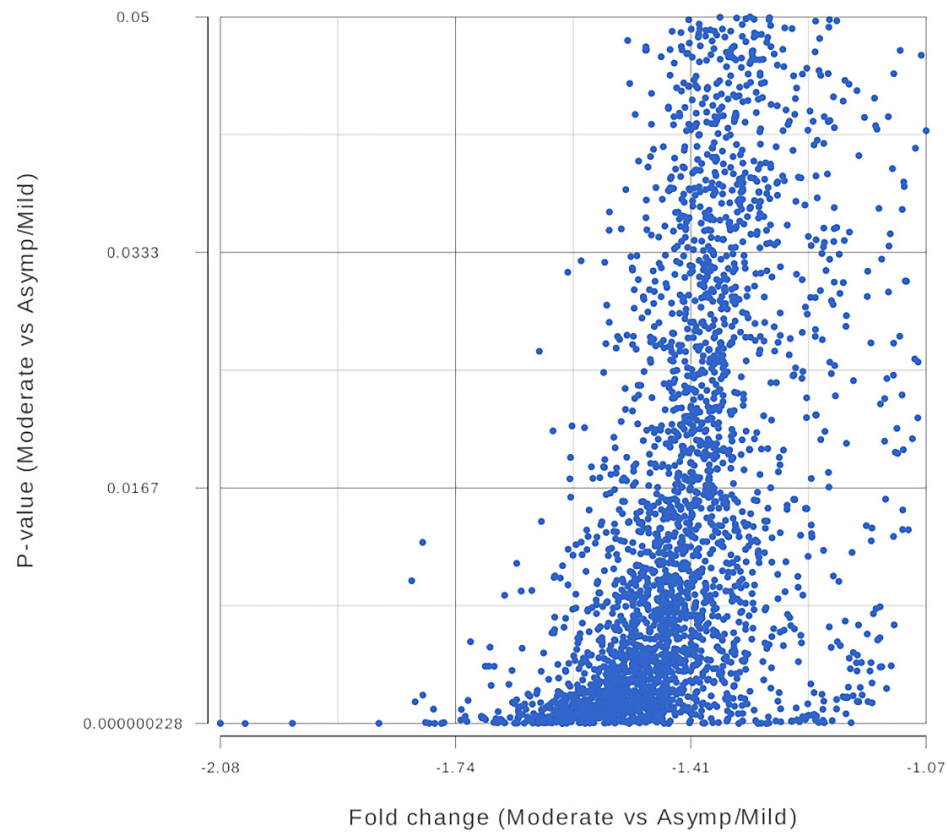
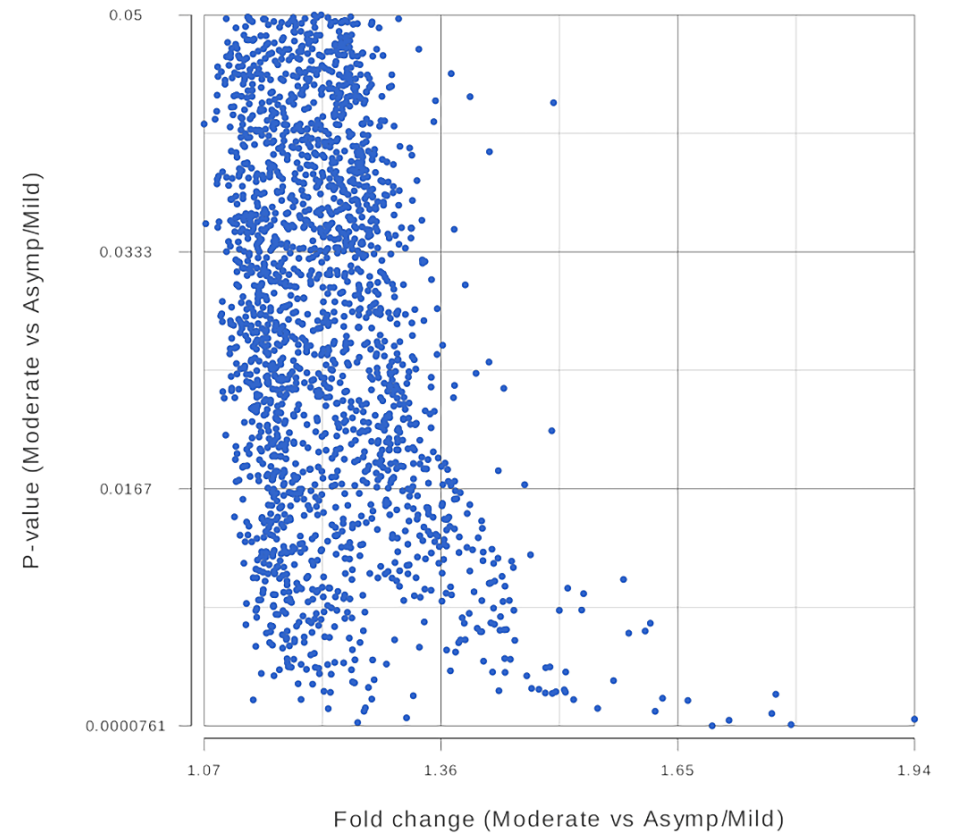
A)**B)**

Figure S4. (A,B) Down- (left) and upregulated (right) genes comparing severe vs moderate patients from dataset GSE162835.

A)**B)**

Figures S5. (A,B) Down- (left) and upregulated (right) genes comparing severe vs mild patients from dataset GSE162835.

A)**B)**

Figures S6. (A,B) Down- (left) and upregulated (right) genes comparing moderate vs mild patients from dataset GSE162835.

Host-Virus Interactions - Heart

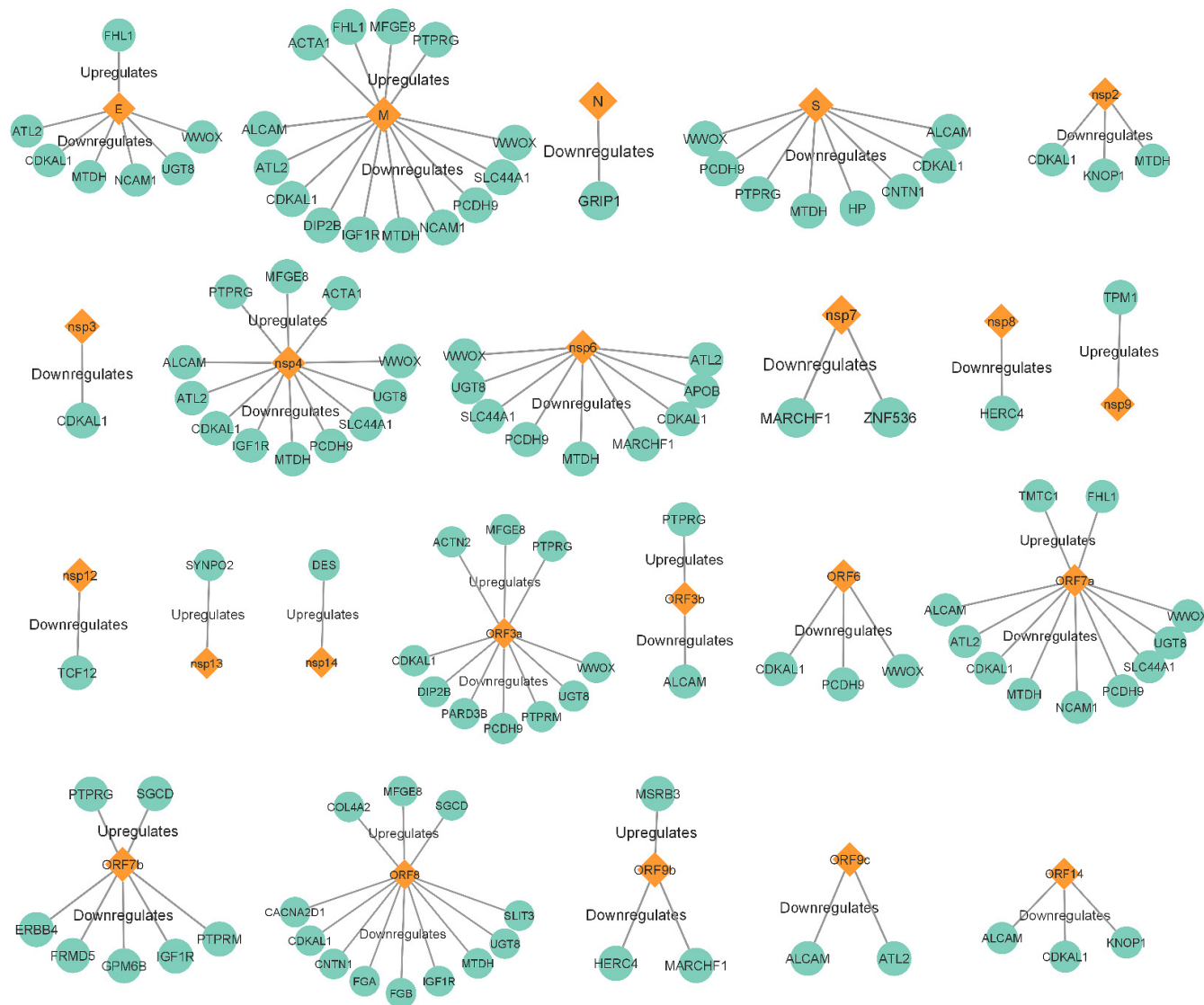


Figure S7. Viral-host protein mapping for heart samples. Interactions between SARS-CoV-2 proteins (orange diamonds) and human proteins (green circles). Interactions (black lines) were determined via comparison to BIOGRID's interaction database and were sorted by down- or upregulation of host proteins.

Host-Virus Interactions - Kidney

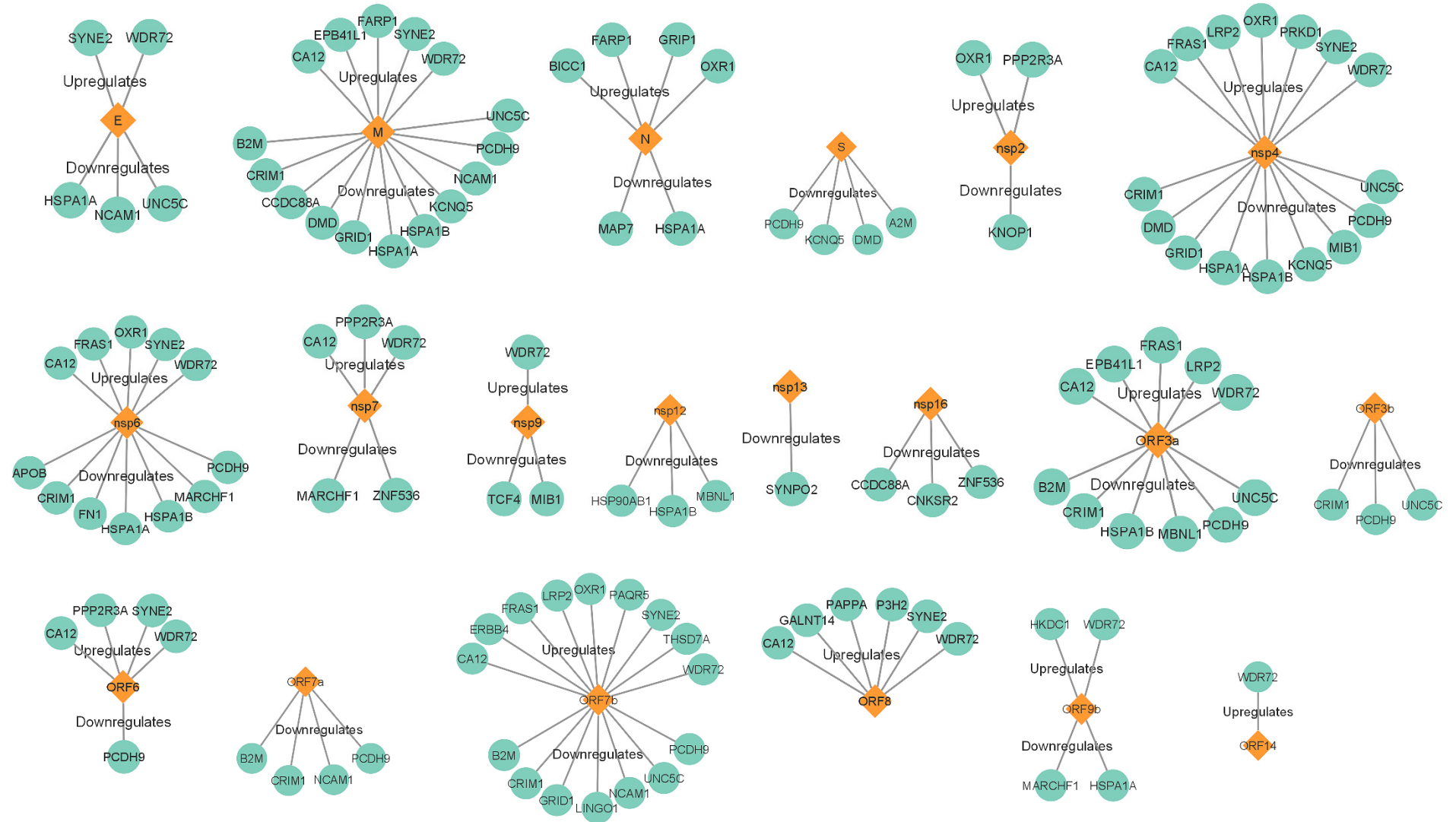


Figure S8. Viral-host protein mapping for kidney samples. Interactions between SARS-CoV-2 proteins (orange diamonds) and human proteins (green circles). Interactions (black lines) were determined via comparison to BIOGRID's interaction database and were sorted by down- or upregulation of host proteins.

Host-Viral Interactions - Liver

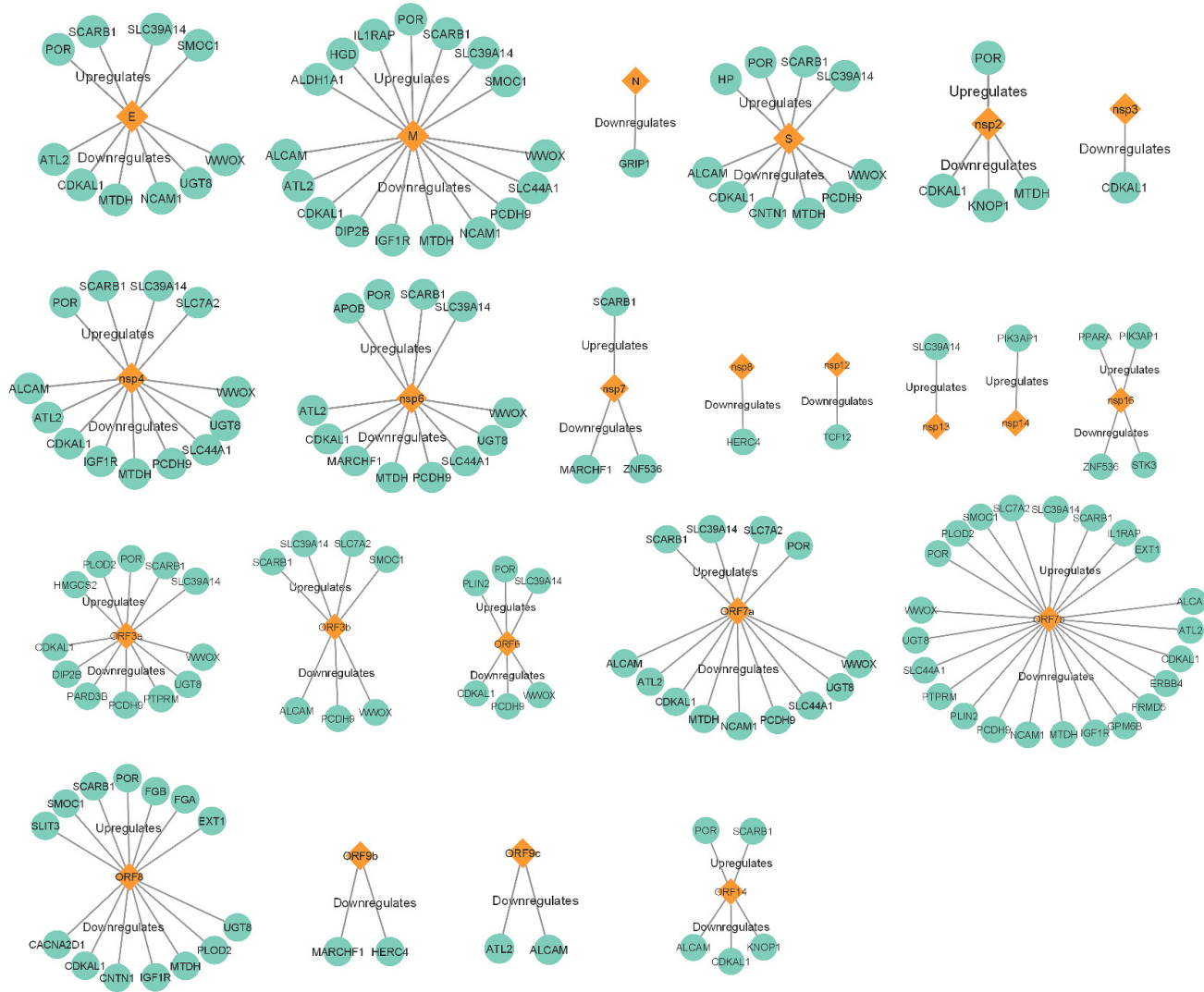


Figure S9. Viral-host protein mapping for liver samples. Interactions between SARS-CoV-2 proteins (orange diamonds) and human proteins (green circles). Interactions (black lines) were determined via comparison to BIOGRID's interaction database and were sorted by down- or upregulation of host proteins.

Host-Viral Interactions - Lung

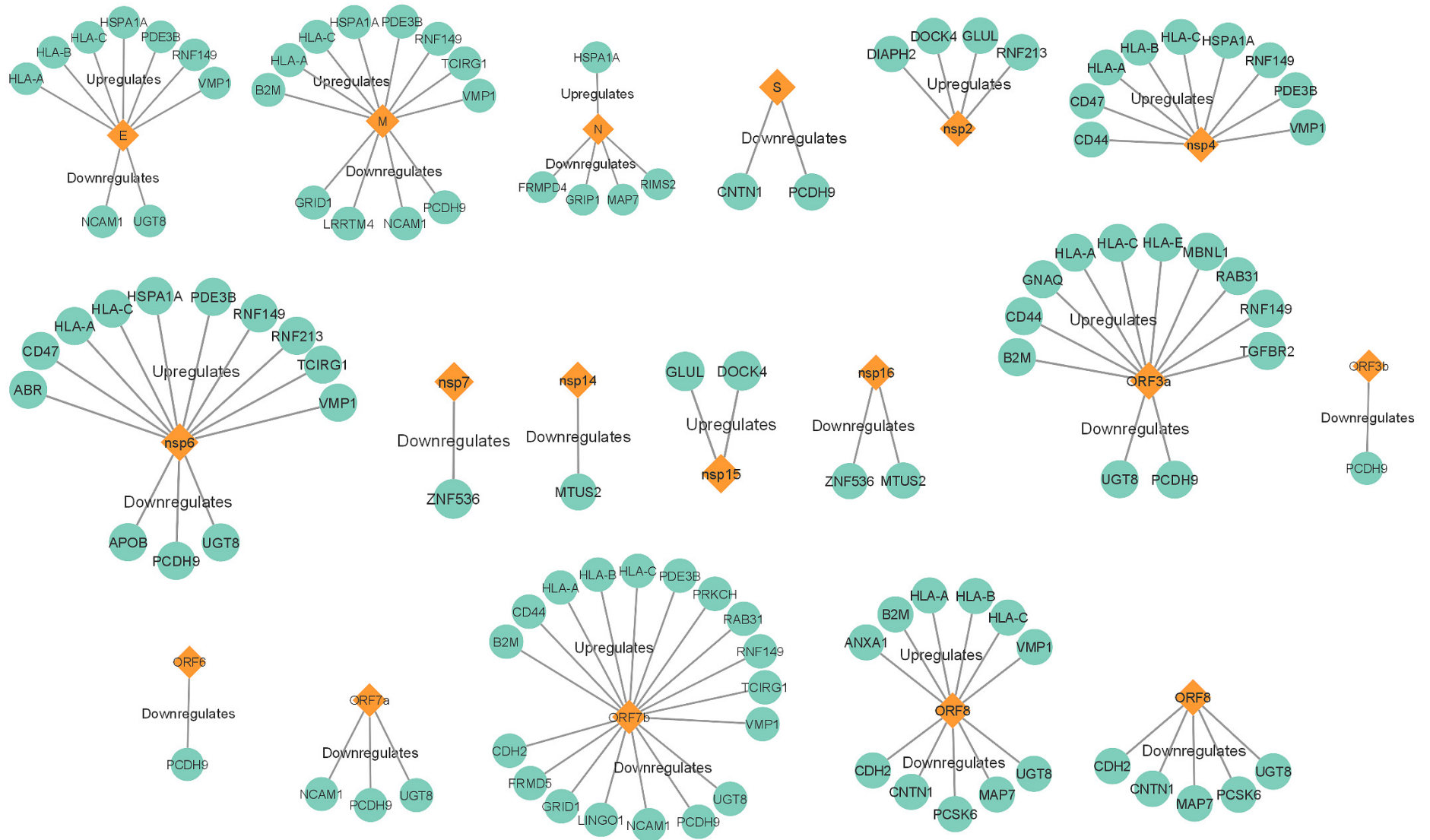


Figure S10. Viral-host protein mapping for lung samples. Interactions between SARS-CoV-2 proteins (orange diamonds) and human proteins (green circles). Interactions (black lines) were determined via comparison to BIOGRID's interaction database and were sorted by down- or upregulation of host proteins.