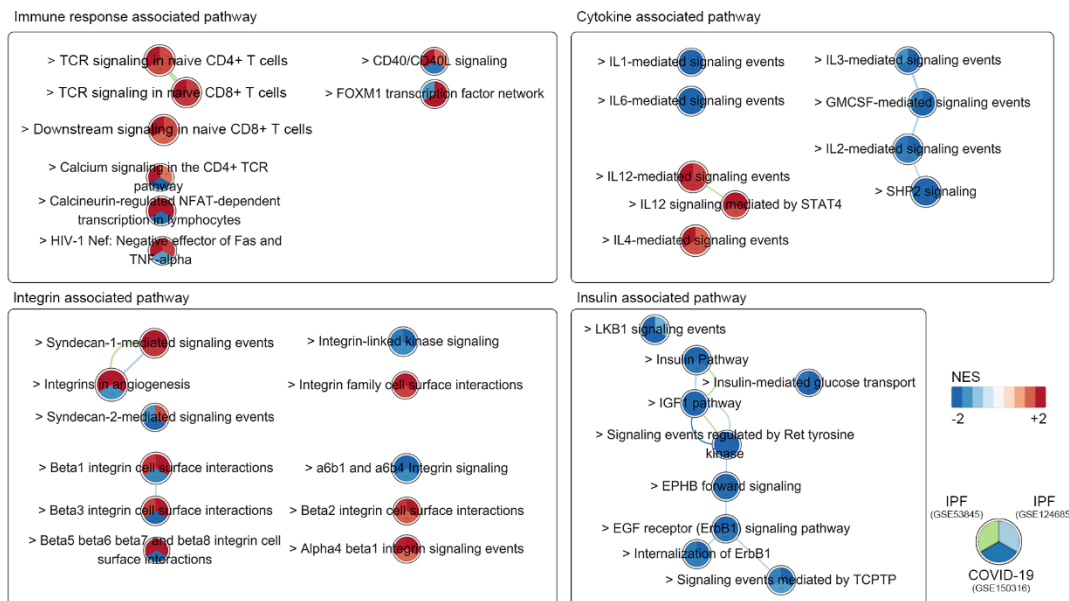
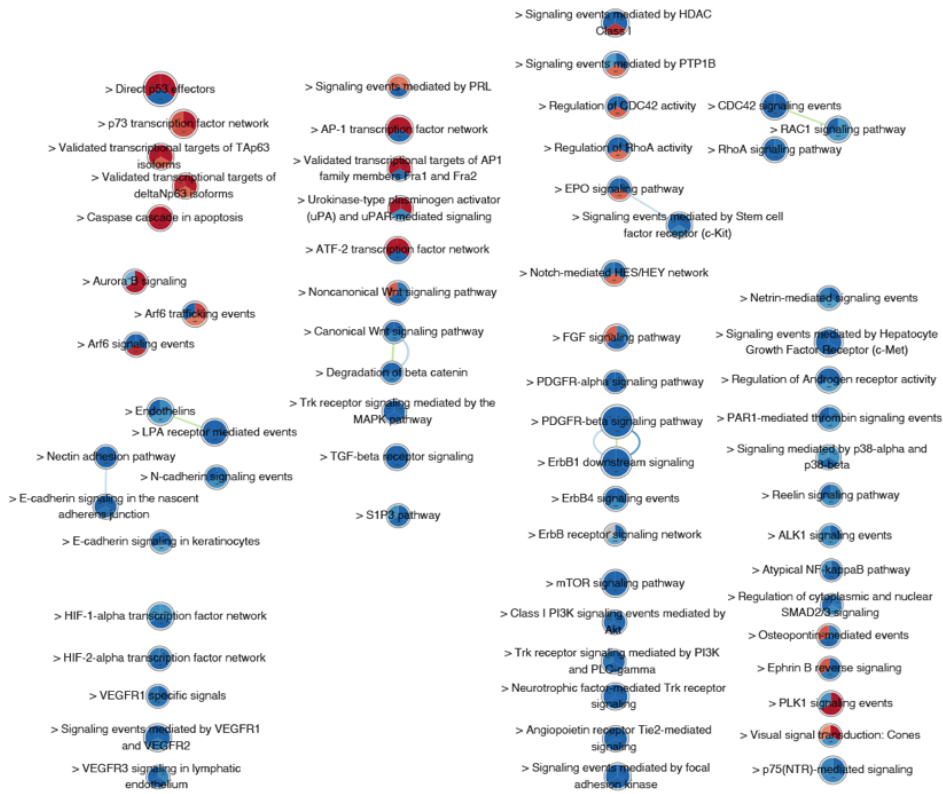


Supplementary Figure 1 In silico simulated uncategorized immune cell infiltration in lung tissue between COVID-19 and IPF patients. * $P<0.05$, ** $P<0.01$ and * $P<0.001$, with comparisons indicated by brackets**



Supplementary Figure 2 PID pathway functional enrichment map summary of GSEA in the lung tissues of COVID-19 and IPF patients. Commonality of positive or negative enrichments in the PID pathway gene sets after GSEA assessment using enrichment map visualization in COVID-19 and IPF. Color represents the NES of the gene set in the database as assessed by GSEA. Gene sets that are associated with immune responses or that have a high degree of consistency and overlap in enrichment

are listed here. Criteria for enrichment significance screening: P -value <0.05 , FDR <0.25



Supplementary Figure 3 Uncategorized PID pathway functional enrichment map summary of GSEA in the lung tissues of COVID-19 and IPF patients.