

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Results from proteome-wide colocalisation analysis at protein-encoding loci for severe COVID-19 (A2).

File Name: Supplementary Data 2

Description: Results from proteome-wide colocalisation analysis at protein-encoding loci for hospitalised COVID-19 (B1, vs non-hospitalised COVID-19).

File Name: Supplementary Data 3

Description: Results from proteome-wide colocalisation analysis at protein-encoding loci for hospitalised COVID-19 (B2, vs population).

File Name: Supplementary Data 4

Description: Results from proteome-wide colocalisation analysis at protein-encoding loci for SARS-CoV-2 positive(C2).

File Name: Supplementary Data 5

Description: Summary from proteome-wide colocalisation screens and Mendelian randomisation analysis.

File Name: Supplementary Data 6

Description: Results from sensitivity analysis for statistical colocalisation of candidate proteins using a grid of prior settings.

File Name: Supplementary Data 7

Description: Collation of genes possible regulated or co-expressed with ELF5.

File Name: Supplementary Data 8

Description: Summary of phenome-wide colocalisation screen at CSF3