

Supplementary of “Interactome of Human and SARS-CoV-2 Proteins to Identify Human Hub Proteins Associated with Comorbidities”

Nimisha Ghosh^{a,b,e}, Indrajit Saha^{c,e,*}, Nikhil Sharma^d

^a*Department of Computer Science and Information Technology, Institute of Technical Education and Research,
Siksha ‘O’ Anusandhan (Deemed to be University), Bhubaneswar, Odisha, India*

^b*Faculty of Mathematics, Informatics and Mechanics, University of Warsaw, Warsaw, Poland*

^c*Department of Computer Science and Engineering,
National Institute of Technical Teachers’ Training and Research, Kolkata, West Bengal, India*

^d*Department of Electronics and Communication Engineering, Jaypee Institute of Information Technology, Noida,
Uttar Pradesh, India*

^e*Equally contributed*

Particulars	Link
Database of 7085 Human-SARS-CoV-2 PPI	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/Human-SARS-CoV-2-PPI.csv
Degree of Human Proteins	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/Degree-of-human-proteins.csv
Details of all the interactions for creating the PPI Network	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/AllInteractions.xlsx
PPI Network with SARS-CoV-2 protein and human hub proteins and other human proteins directly connected to hub proteins	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/PPI-Network.zip
KEGG pathways with hub proteins and other proteins directly connected to hub proteins	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/KEGG-hub-others.zip
KEGG pathways with at least one hub protein in the path (refined from KEGG-hub-others)	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/KEGG-hub-data.zip
GO Biological pathways with hub proteins and other proteins directly connected to hub proteins	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/GO-Biological-hub-others.zip
GO Biological pathways with at least one hub protein in the path (refined from GO-Biological-hub-others)	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/GO-Biological-hub-data.zip
GO Cellular pathways with hub proteins and other proteins directly connected to hub proteins	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/GO-Cellular-hub-others.zip
GO Cellular pathways with at least one hub protein in the path (refined from GO-Cellular-hub-others)	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/GO-Cellular-hub-data.zip
GO Molecular pathways with hub proteins and other proteins directly connected to hub proteins	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/GO-Molecular-hub-others.zip
GO Cellular pathways with at least one hub protein in the path (refined from GO-Molecular-hub-others)	http://www.nittrkol.ac.in/indrajit/projects/COVID-PPI/downloads/supplementary/GO-Molecular-hub-data.zip

Table S1: Link of Supplementary excel files

*Corresponding author: indrajit@nittrkol.ac.in