

File Name: Supplementary Data 1

Description: A list of machine learning model features used in our framework (92 drug features and 148 microbial features).

File Name: Supplementary Data 2

Description: Correlation between the model's predicted impact scores and in-vitro determined IC25 measurements

File Name: Supplementary Data 3

Description: The model's drug and microbial feature importance p-values.

File Name: Supplementary Data 4

Description: A list of machine learning model features used in our framework (92 drug features and 148 microbial features).

File Name: Supplementary Data 5

Description: A catalog of interactions between 2,585 drugs and 409 taxa

File Name: Supplementary Data 6

Description: Possible protein targets of human-targeted drugs with statistical significance of the difference in impact scores.