

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: This XLSX file contains the list of human metabolic enzymes in RECON-1 (n=1905) and their respective inferred pHi profiles, which were used for the analyses described in our study.

File Name: Supplementary Software

Description: Contains: (i) the Matlab files and the algorithm that integrates pH-profiles into genome-scale metabolic models; (ii) the models used in our study; and (iii) analysis scripts that fully reproduce the in silico results. Supplementary Software is provided as a ZIP file (CODE.zip).