Supplementary files:

Creation sMOMENT iHN637: jupyter notebook containing the code used to generate the enzyme constrained model

Model\_behavior: code needed to generate the figures used in the section 3.3

Manual curation Ec: excel file with the missing ec numbers in the original model

Updated\_iHN637\_with\_EC: original model updated with new annotations (uniprot IDs, missing EC numbers)

ec0\_iHN637: initial version of enzyme constrained model, before calibration

ec\_iHN637: final version of enzyme constrained model