Where to run it: Atom or can be run from arbitrary Julia terminal

Must have package(s): LibCurl, DelimitedFiles, JuMP (Version 0.18.5 will need to change optimization syntax if on newer version), GLPKMathProgInterface,

Must have programs: Curl, GLPK

Julia version: 1.1.0

Must do: Nothing but run the code, have all the files in same folder

If the above has been done, then code should run without a problem.

Links for to where I obtained the unknown parameters:

<https://www.nature.com/articles/nchembio.2077#supplementary-information>

URL where the information is pulled from:

<http://rest.kegg.jp/>

How rate bounds were determined, when they were not explicitly stated in problem (it is also assumed that one is using the correct units for the reaction rates which is mmol/(gDW\*hr)), See attached pdf read me for derivation.

For elementary balanced info use HW #3 with Balance.JL code

For nonelementary balanced info HW #3 without Balance.JL code

The FBA is set up only for the balanced info.