



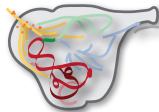
Experimental  
data

WholeCellKB  
Pathway Tools



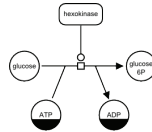
Pathway/genome  
database

BioUML  
COPASI  
iBioSim  
SBML

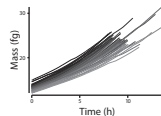


Whole-cell  
model

Map  
VANTED  
SBGN

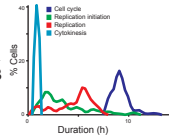


iBioSim  
Whole-Cell  
SED-ML



Whole-cell  
simulations

WholCellSimDB  
WholeCellViz



Knowledge