



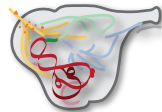
Experimental  
data

WholeCellKB  
Pathway Tools



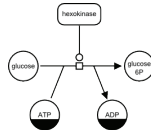
Pathway/genome  
database

BioUML  
COPASI  
iBioSim  
SBML



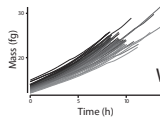
Whole-cell  
model

iBioSim  
Whole-Cell  
SED-ML



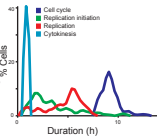
Diagrams

VANTED  
SBGN



In silico  
experiments

WholCellSimDB  
WholeCellViz



Knowledge