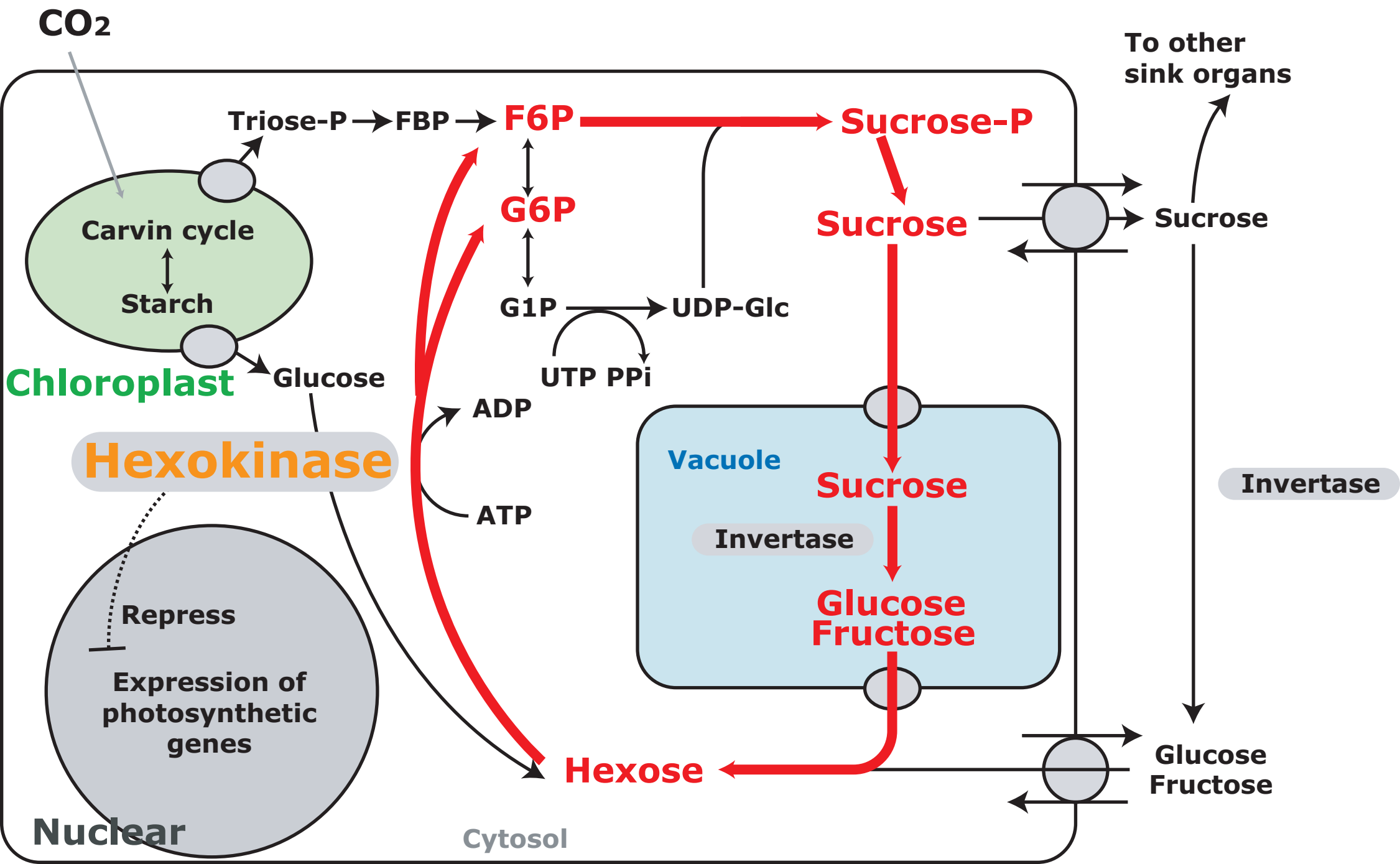
CO2
To other
sink organs
Triose-P
FBP
F6P
Sucrose-P
G6P
Sucrose
Carvin cycle
Starch
Sucrose
G1P
UDP-Glc
UTP PPi
Chloroplast
Glucose
ADP
Hexokinase
Vacuole
Sucrose
Invertase
ATP
Invertase
Glucose
Fructose
Repress
Expression of
photosynthetic
genes
Hexose
Glucose
Fructose
Nuclear
Cytosol