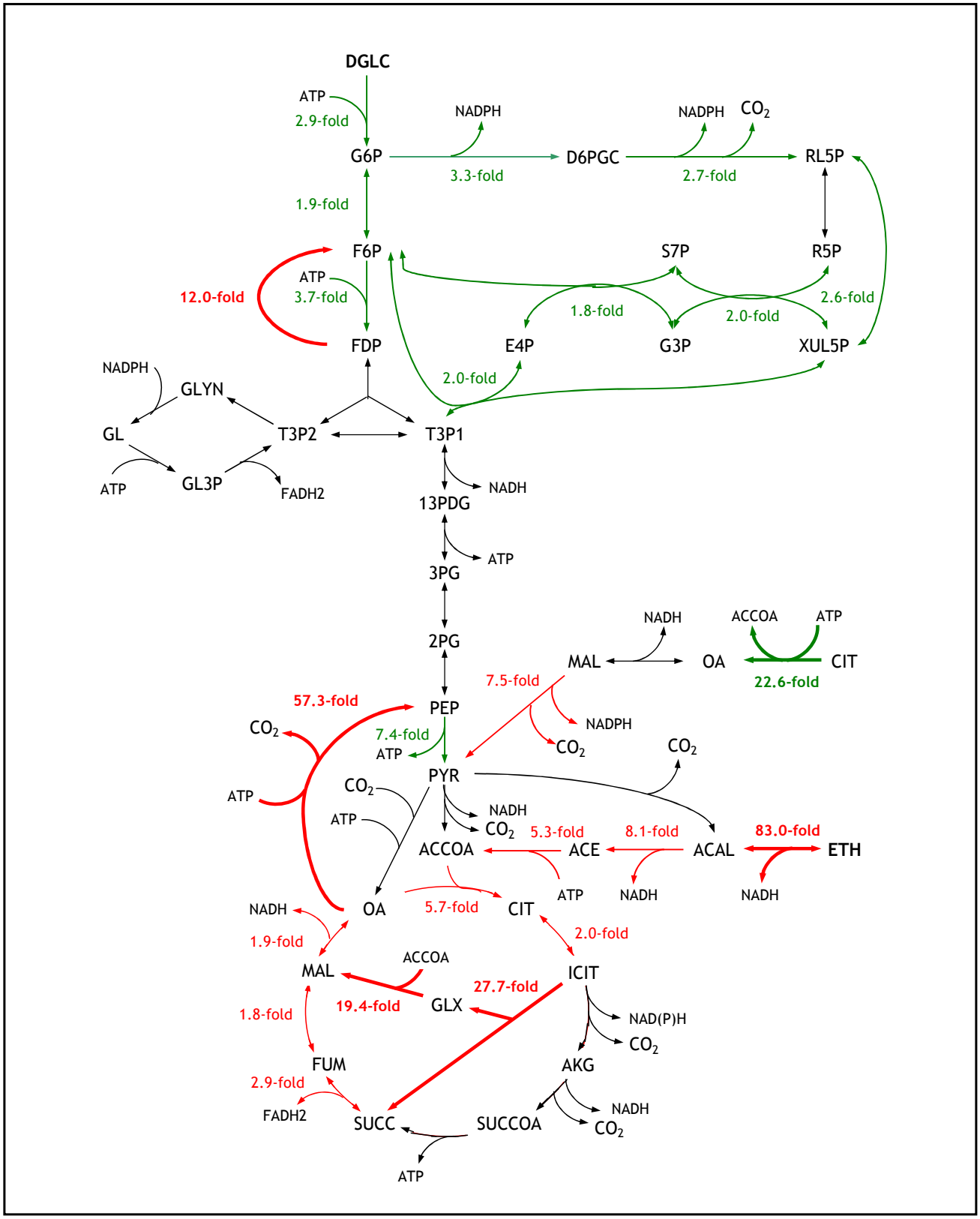
DGLC
ATP
2.9-fold
G6P
NADPH
3.3-fold
D6PGC
NADPH
CO2
2.7-fold
RL5P
1.9-fold
F6P
S7P
R5P
12.0-fold
ATP
3.7-fold
1.8-fold
2.0-fold
2.6-fold
FDP
E4P
G3P
XUL5P
2.0-fold
NADPH
GLYN
GL
T3P2
T3P1
ATP
GL3P
FADH2
NADH
13PDG
ATP
3PG
2PG
NADH
ACCOA
ATP
MAL
OA
CIT
22.6-fold
7.5-fold
57.3-fold
PEP
NADPH
CO2
CO2
7.4-fold
ATP
CO2
PYR
ATP
CO2
ATP
NADH
CO2
5.3-fold
8.1-fold
83.0-fold
ACCOA
ACE
ACAL
ETH
ATP
NADH
NADH
NADH
OA
5.7-fold
CIT
1.9-fold
2.0-fold
ACCOA
MAL
ICIT
27.7-fold
19.4-fold
GLX
1.8-fold
NAD(P)H
CO2
FUM
AKG
2.9-fold
FADH2
SUCC
SUCCOA
NADH
CO2
ATP