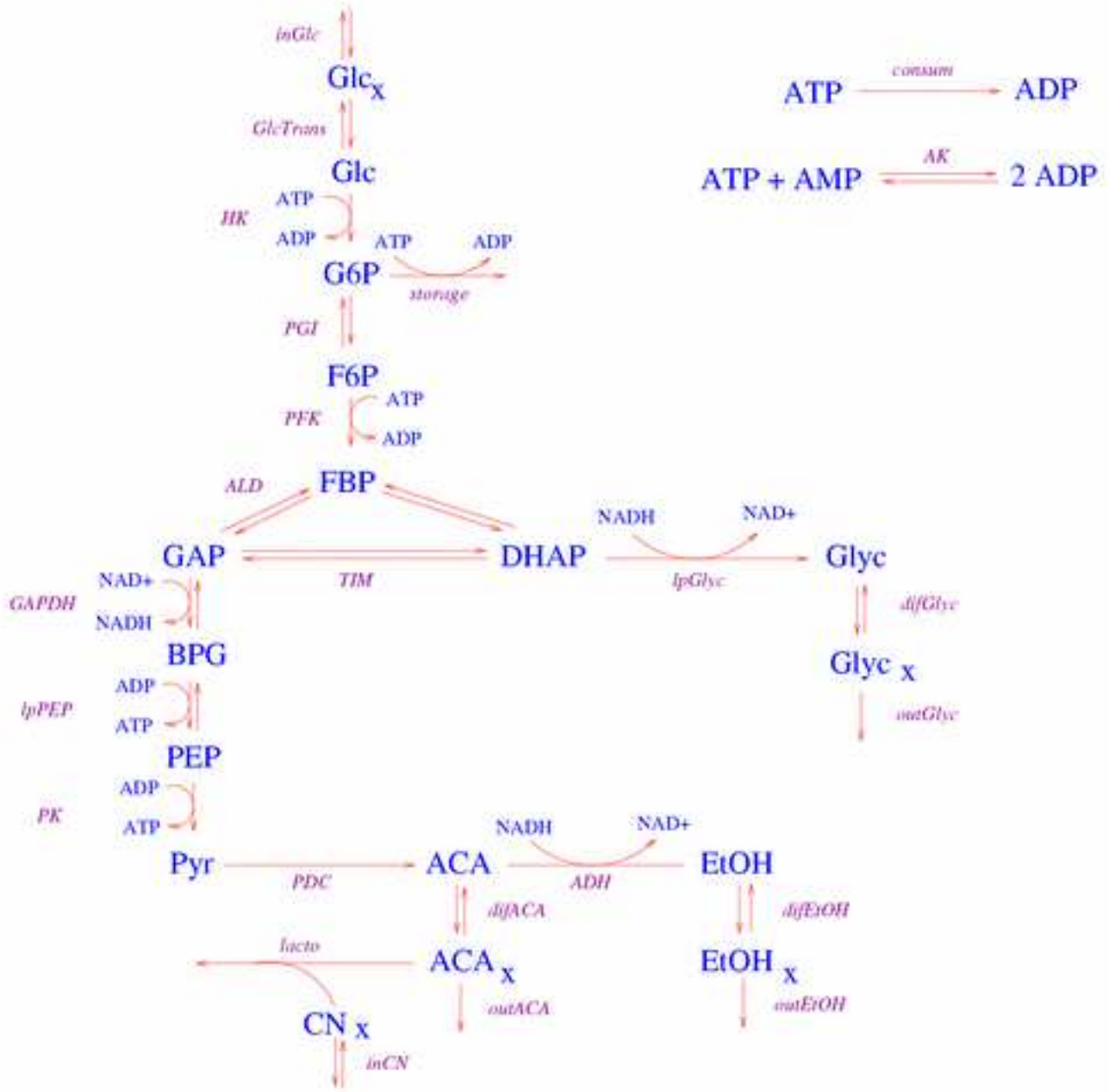
inGlc
Glc$_x$
GlcTrans
Glc
HK
ATP
ADP
ATP
ADP
G6P
storage
PGI
F6P
PFK
ATP
ADP
ALD
FBP
GAP
TIM
DHAP
NADH
NAD+
lpGlyc
Glyc
difGlyc
Glyc $_x$
outGlyc
NAD+
GAPDH
NADH
BPG
ADP
lpPEP
ATP
PEP
ADP
PK
ATP
Pyr
PDC
ACA
NADH
NAD+
ADH
EtOH
difACA
difEtOH
lacto
ACA $_x$
EtOH $_x$
outACA
outEtOH
CN $_x$
inCN
ATP
consum
ADP
ATP + AMP
AK
2 ADP