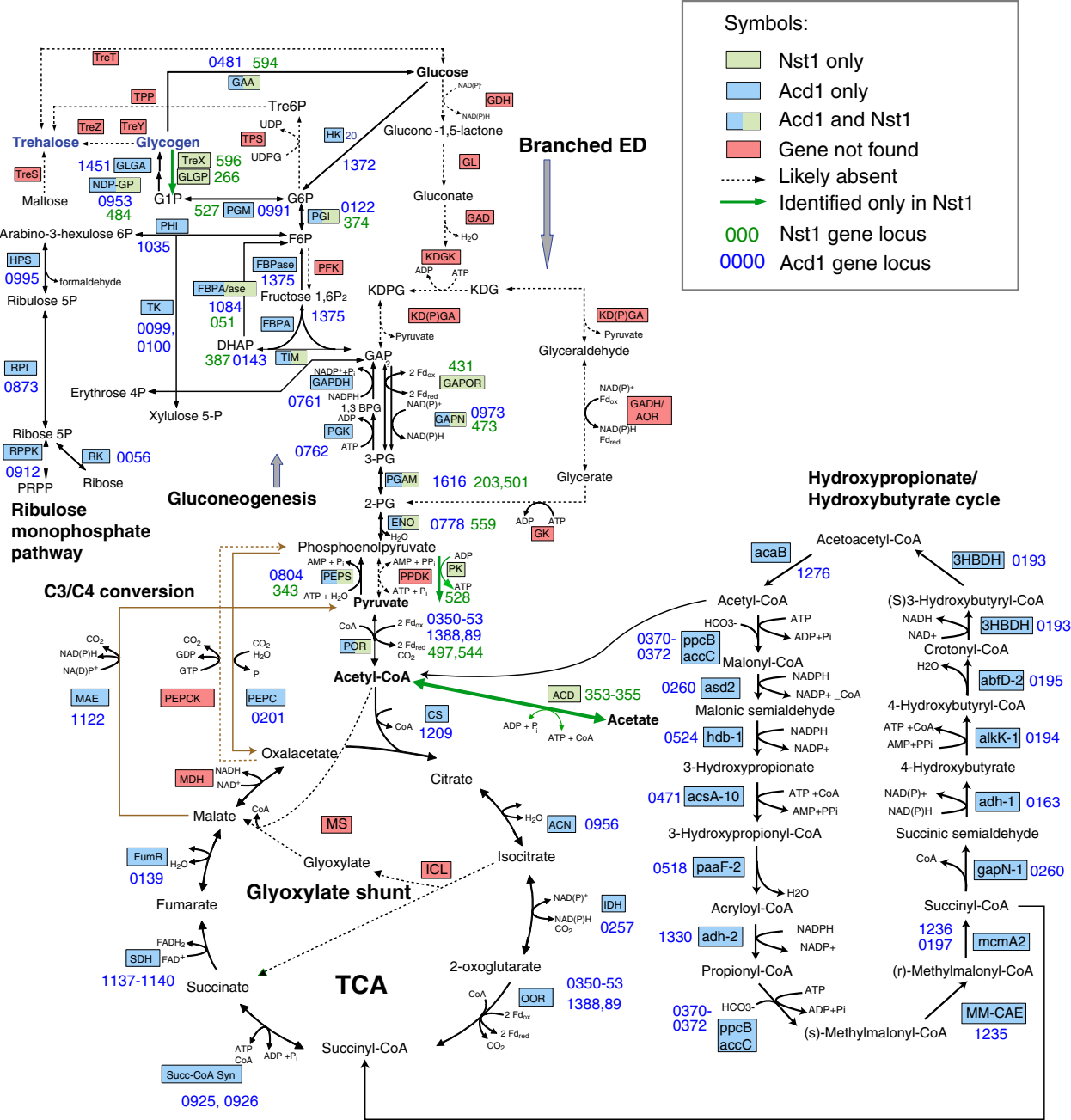
Symbols:
Nst1 only
Acd1 only
Acd1 and Nst1
Gene not found
Likely absent
Identified only in Nst1
000 Nst1 gene locus
0000 Acd1 gene locus
Branched ED
Ribulose monophosphate pathway
Gluconeogenesis
C3/C4 conversion
Glyoxylate shunt
TCA
Hydroxypropionate/ Hydroxybutyrate cycle
Glucose
Trehalose
Glycogen
Maltose
G1P
G6P
F6P
Fructose 1,6P2
DHAP
GAP
1,3 BPG
3-PG
2-PG
Phosphoenolpyruvate
Pyruvate
Acetyl-CoA
Acetate
Oxalacetate
Citrate
Isocitrate
2-oxoglutarate
Succinyl-CoA
Succinate
Fumarate
Malate
Glyoxylate
Glucono-1,5-lactone
Gluconate
KDPG
KDG
Glyceraldehyde
Glycerate
Ribulose 5P
Ribose 5P
Xylulose 5-P
Erythrose 4P
Arabino-3-hexulose 6P
Formaldehyde
PRPP
Ribose
Tre6P
Acetoacetyl-CoA
Acetyl-CoA
Malonyl-CoA
Malonic semialdehyde
3-Hydroxypropionate
3-Hydroxypropionyl-CoA
Acryloyl-CoA
Propionyl-CoA
(s)-Methylmalonyl-CoA
(r)-Methylmalonyl-CoA
Succinyl-CoA
Succinic semialdehyde
4-Hydroxybutyrate
4-Hydroxybutyryl-CoA
Crotonyl-CoA
(S)3-Hydroxybutyryl-CoA
TreT
TreZ
TreY
TreS
TPP
GAA
TPS
TreX
GLGP
GLGA
NDP-GP
HK
GDH
GL
GAD
KDGK
KD(P)GA
PHI
HPS
FBPase
PFK
FBPA/ase
FBPA
TIM
PGI
PGM
TK
RPI
RPPK
RK
GAPDH
PGK
GAPN
GAPOR
GADH/ AOR
PGAM
ENO
PK
PPDK
PEPS
POR
PEPCK
PEPC
MAE
MDH
CS
ACN
IDH
OOR
SDH
FumR
MS
ICL
Succ-CoA Syn
GK
acaB
3HBDH
ppcB accC
asd2
hdb-1
acsA-10
paaF-2
adh-2
ppcB accC
MM-CAE
3HBDH
abfD-2
alkK-1
adh-1
gapN-1
mcmA2
ACD
0481 594
1451 GLGA
596 TreX
266 GLGP
0953 484
1372
20 HK
527 PGM 0991
0122 374
1035
1375 FBPase
1084 051 FBPA/ase
1375 FBPA
387 0143 DHAP
0995
0099, 0100 TK
0873 RPI
0912 RPPK
0056 RK
0761 GAPDH
431 GAPOR
0973 473 GAPN
0762 PGK
1616 203,501 PGAM
0778 559 ENO
0804 343 PEPS
528 PK
0350-53 1388,89 497,544 POR
1122 MAE
0201 PEPC
1209 CS
353-355 ACD
0956 ACN
0139 FumR
0257 IDH
1137-1140 SDH
0350-53 1388,89 OOR
0925, 0926
1276 acaB
0370-0372 ppcB accC
0260 asd2
0524 hdb-1
0471 acsA-10
0518 paaF-2
1330 adh-2
0370-0372 ppcB accC
1235 MM-CAE
0193 3HBDH
0193 3HBDH
0195 abfD-2
0194 alkK-1
0163 adh-1
0260 gapN-1
1236 0197 mcmA2