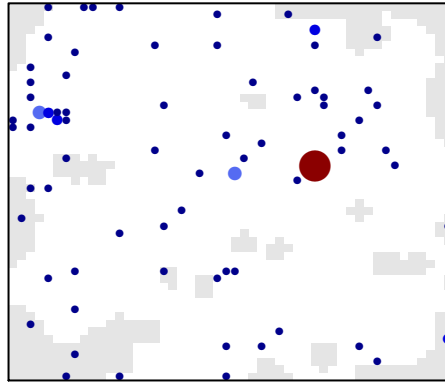
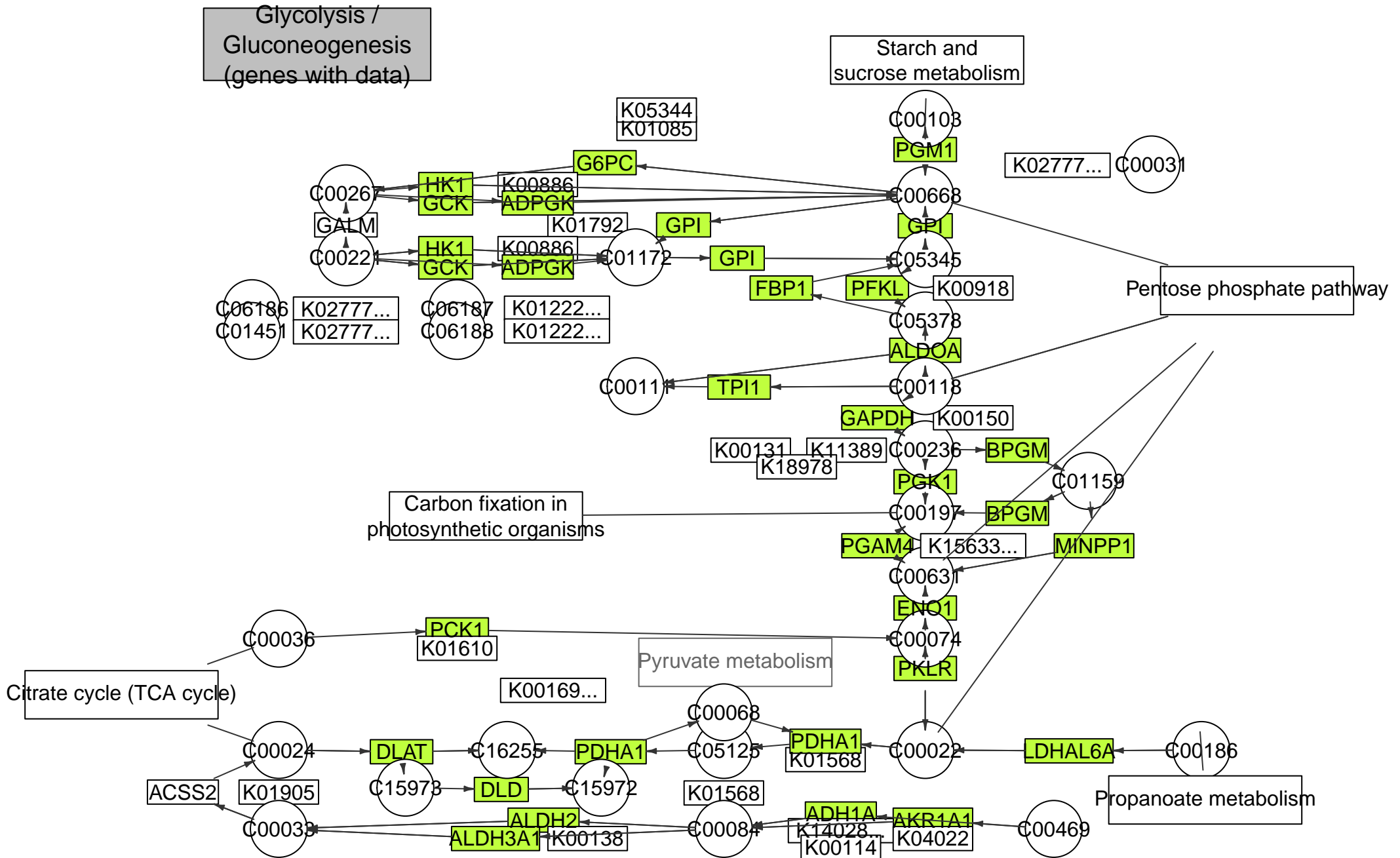


# Glycolysis / Gluconeogenesis

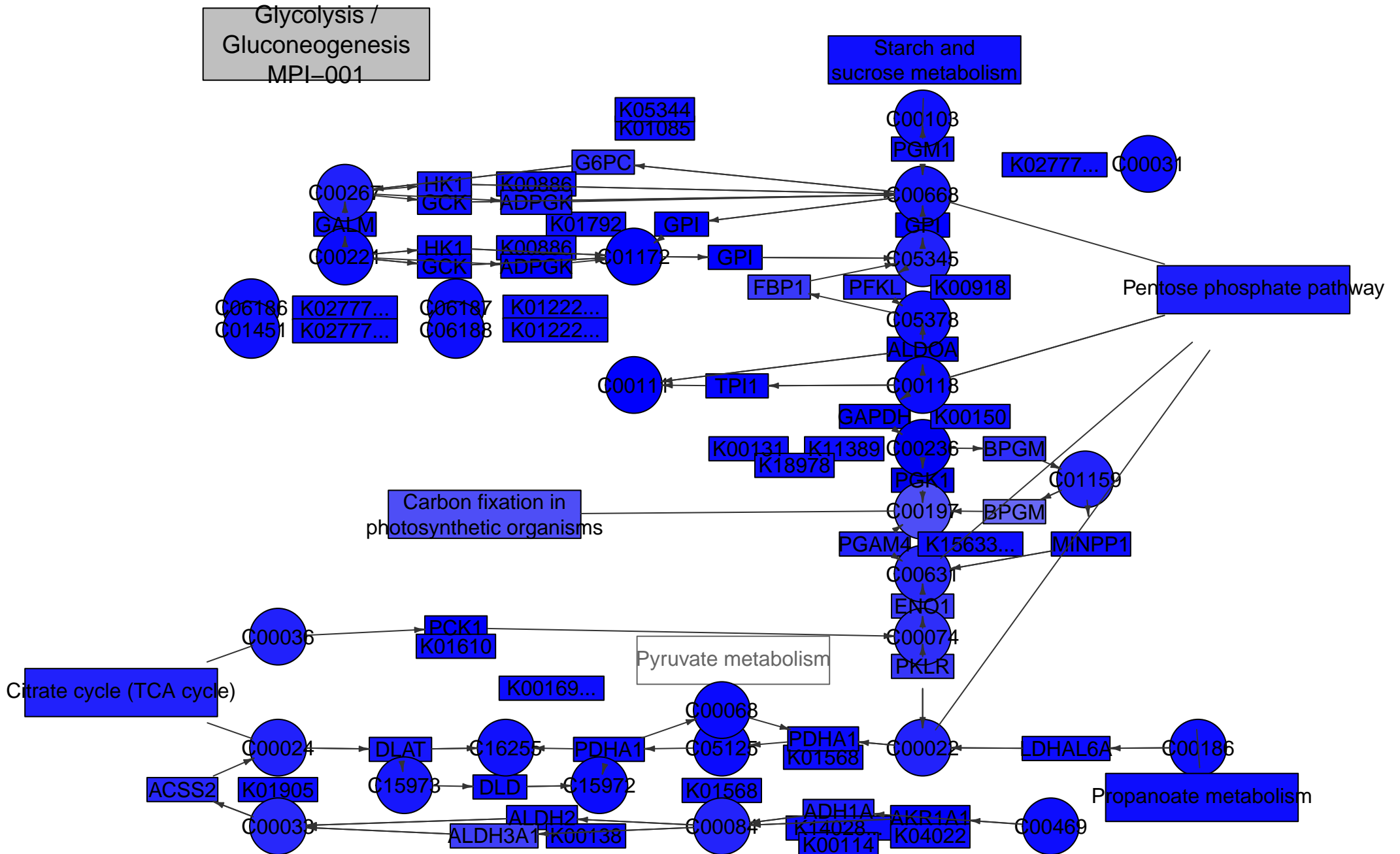
all genes

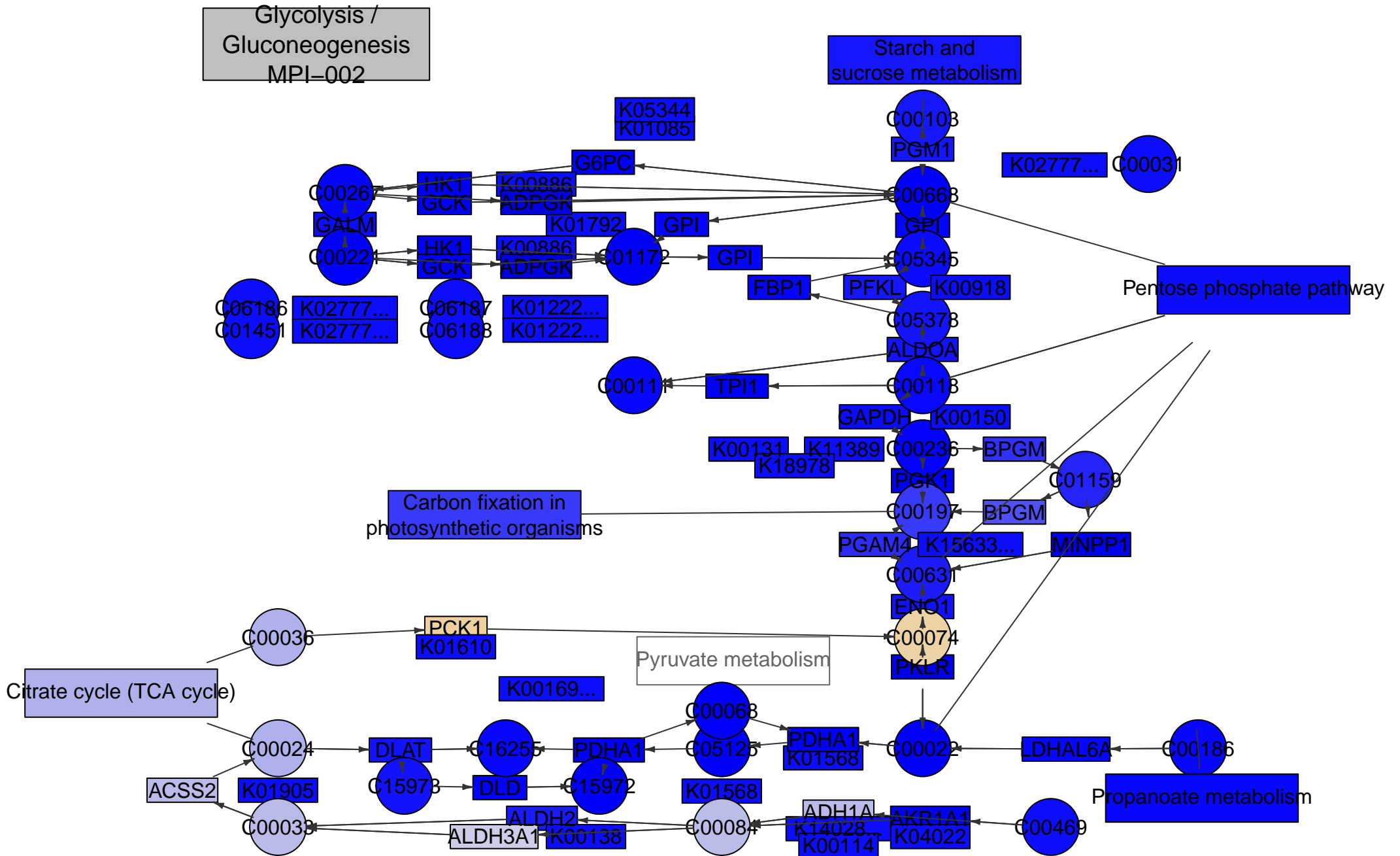


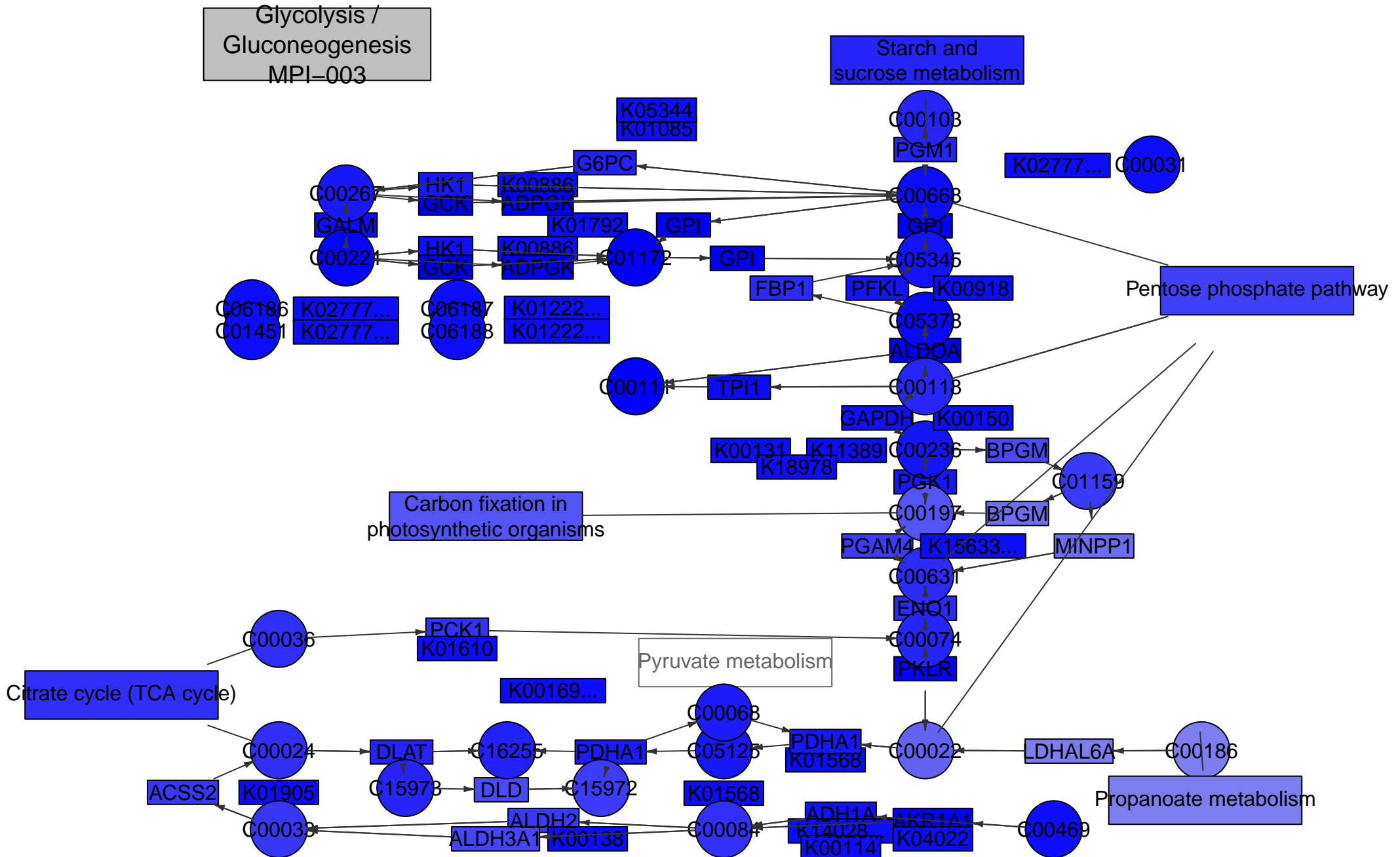
maximum = 9





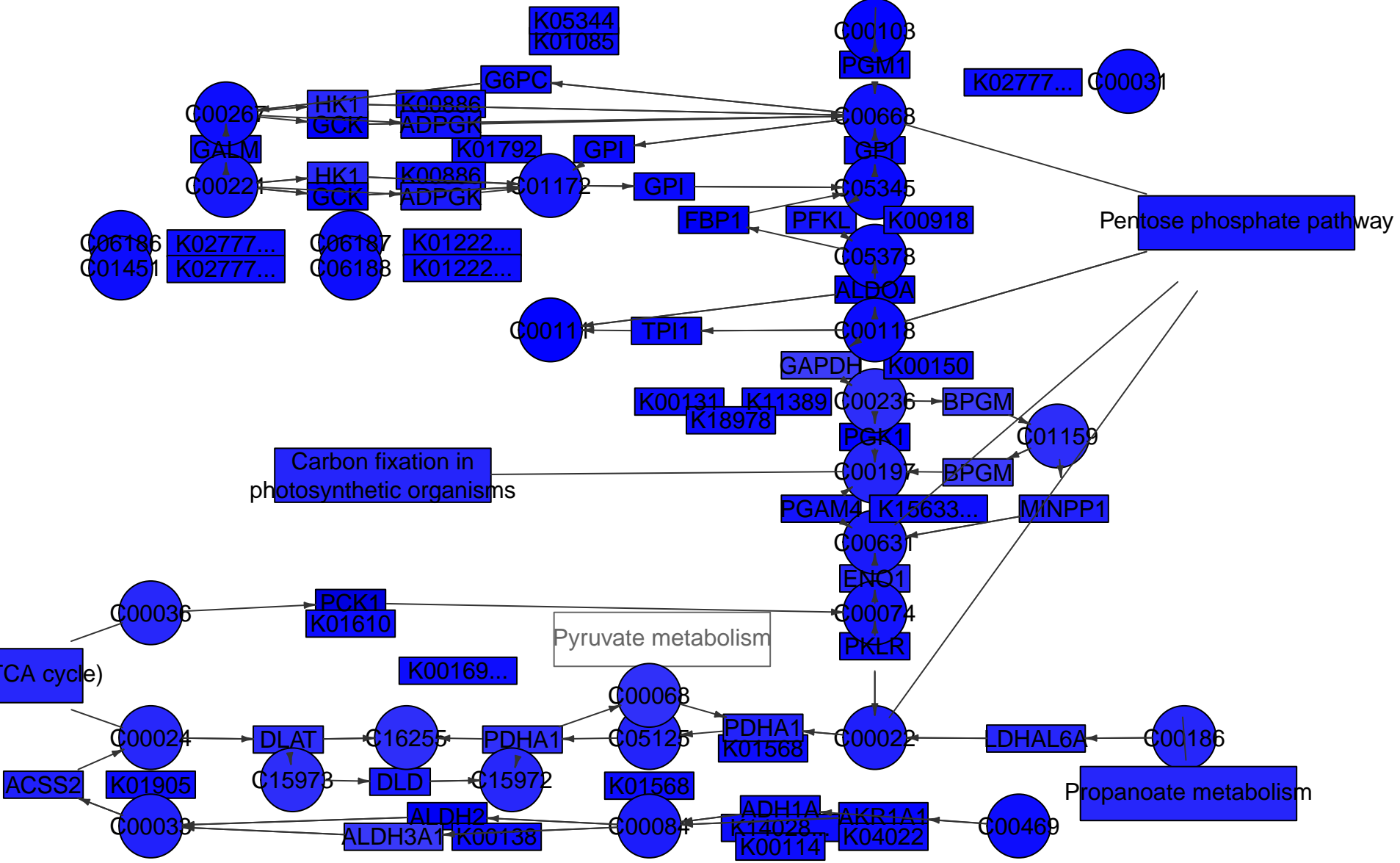






Glycolysis /  
Gluconeogenesis  
MPI-005

Starch and  
sucrose metabolism

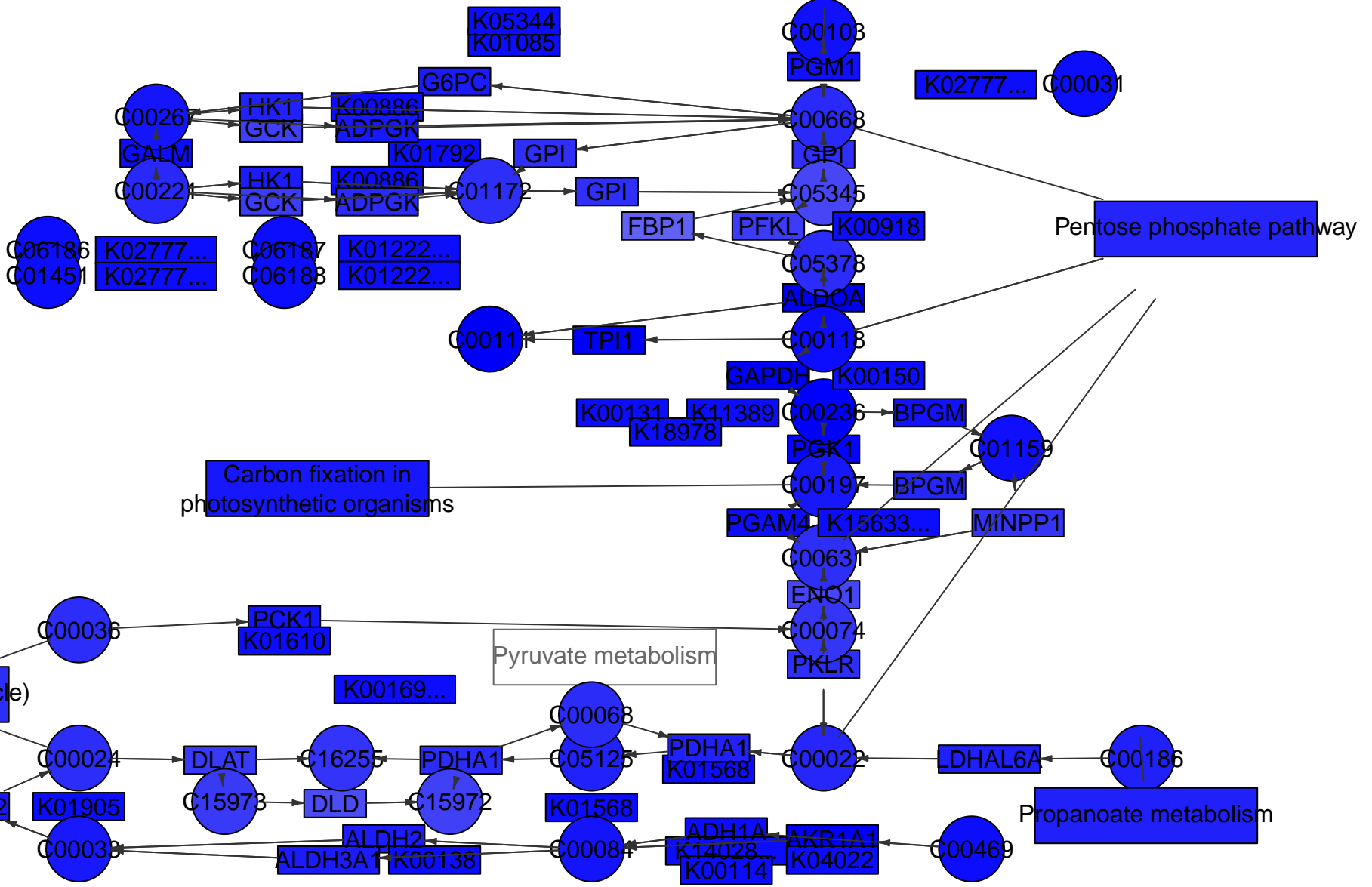






Glycolysis /  
Gluconeogenesis  
MPI-016

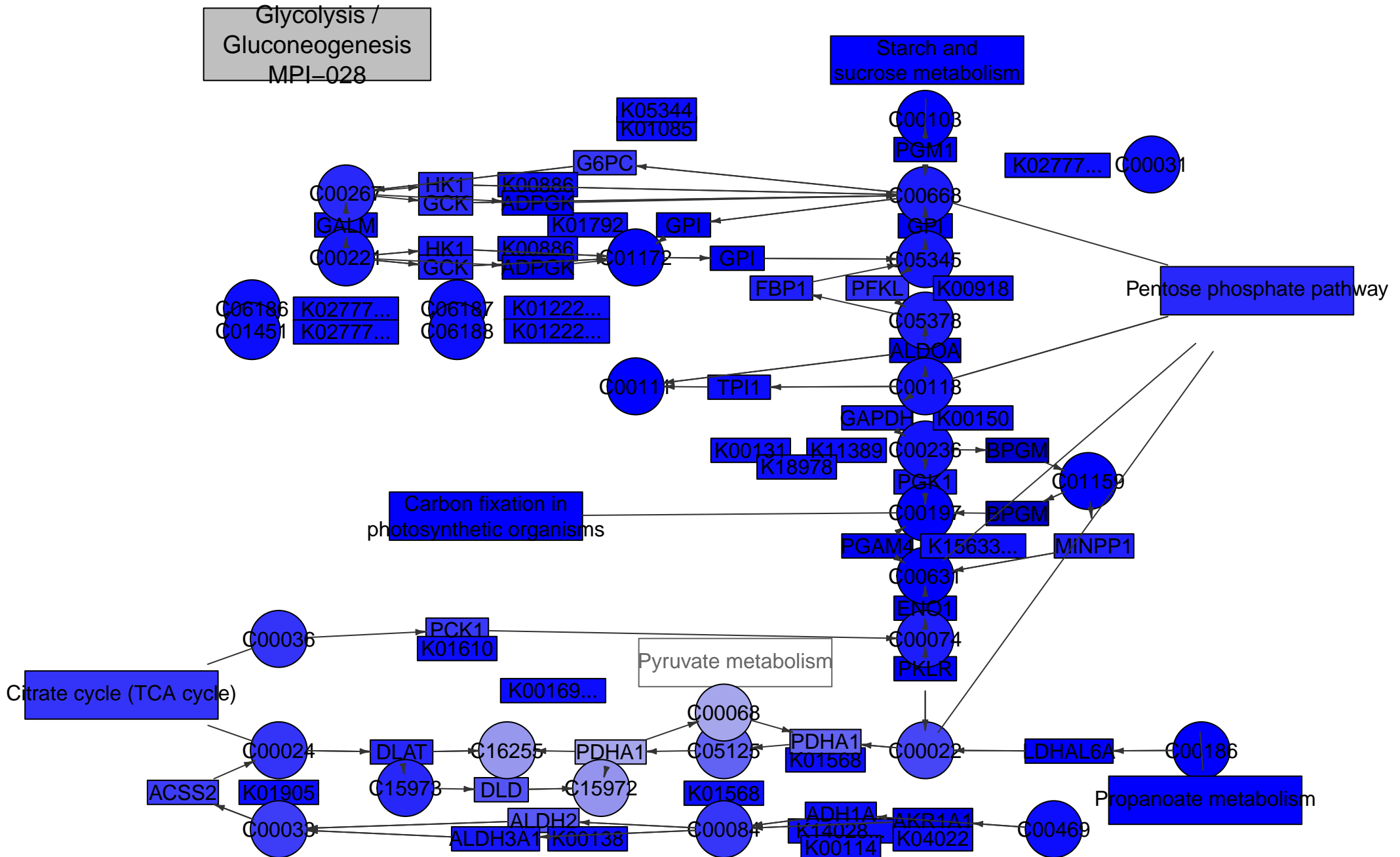
Starch and  
sucrose metabolism

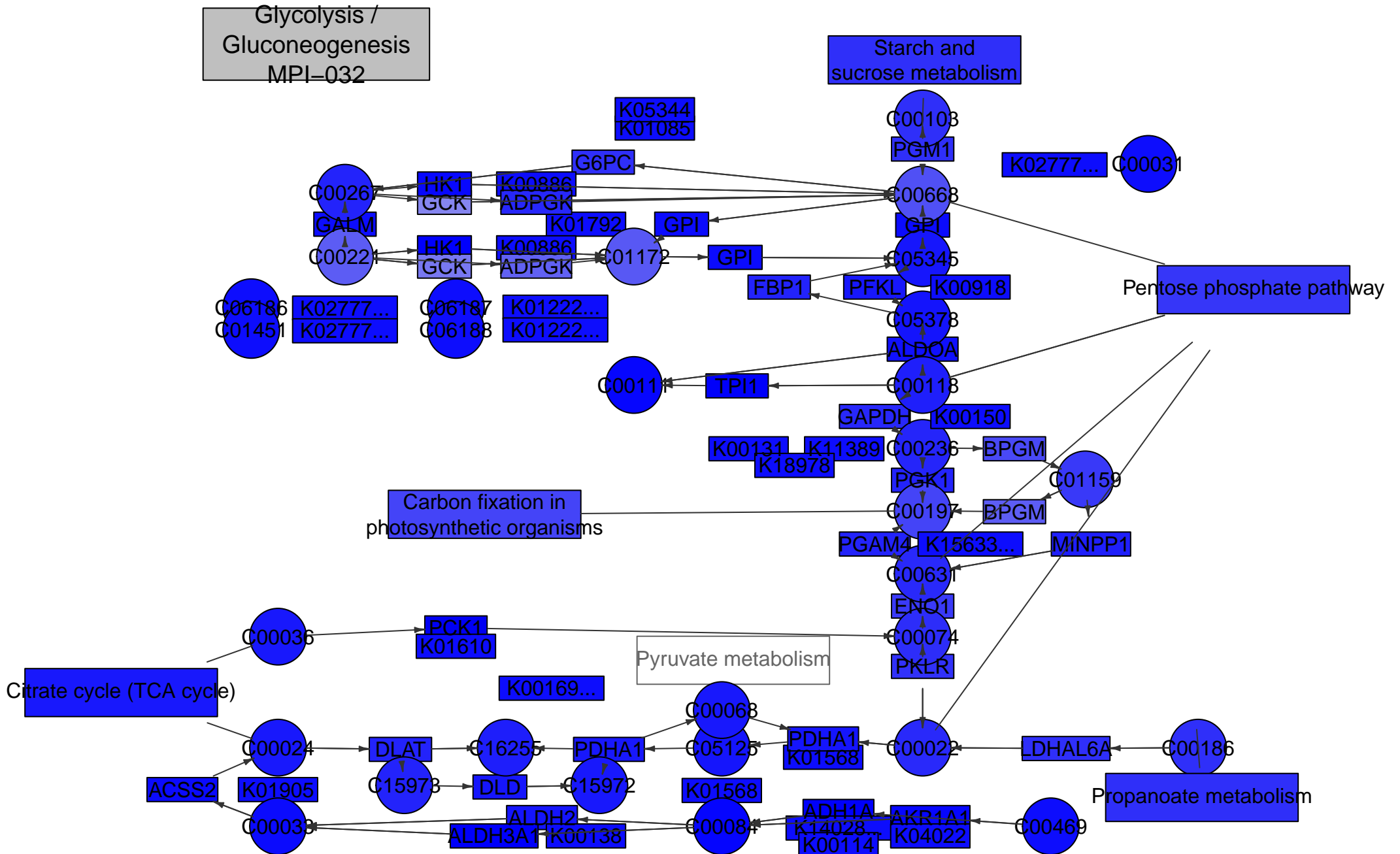


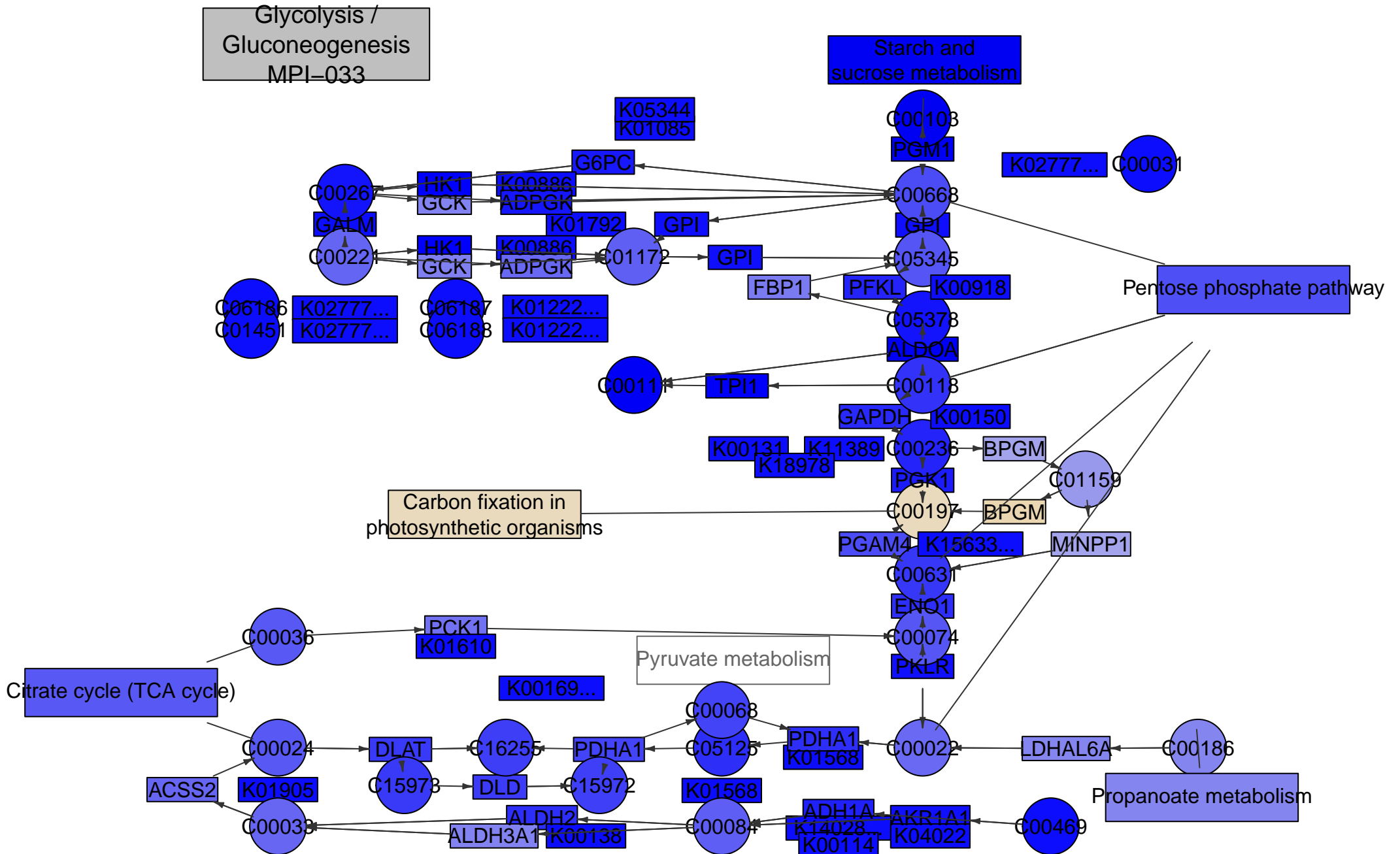


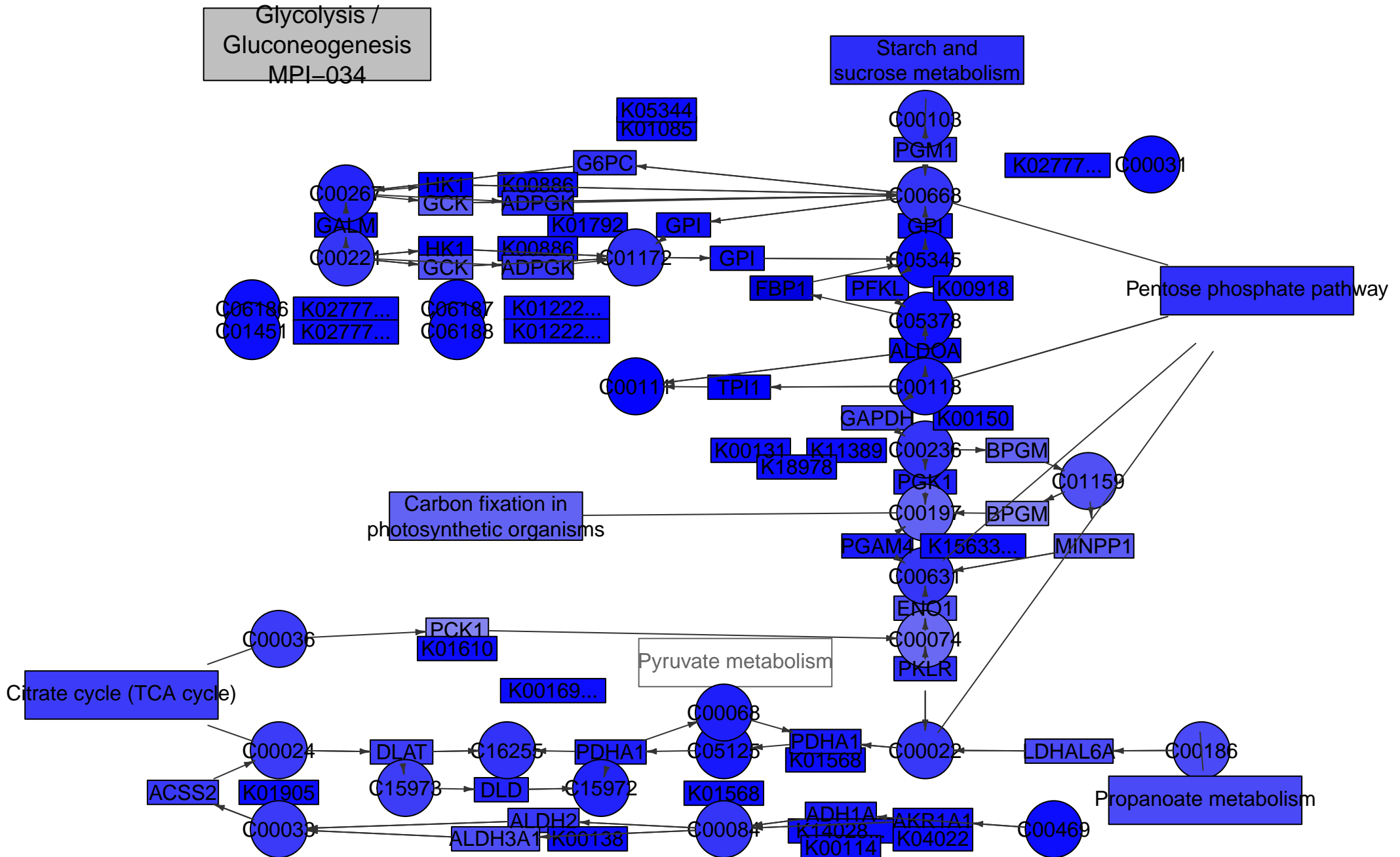




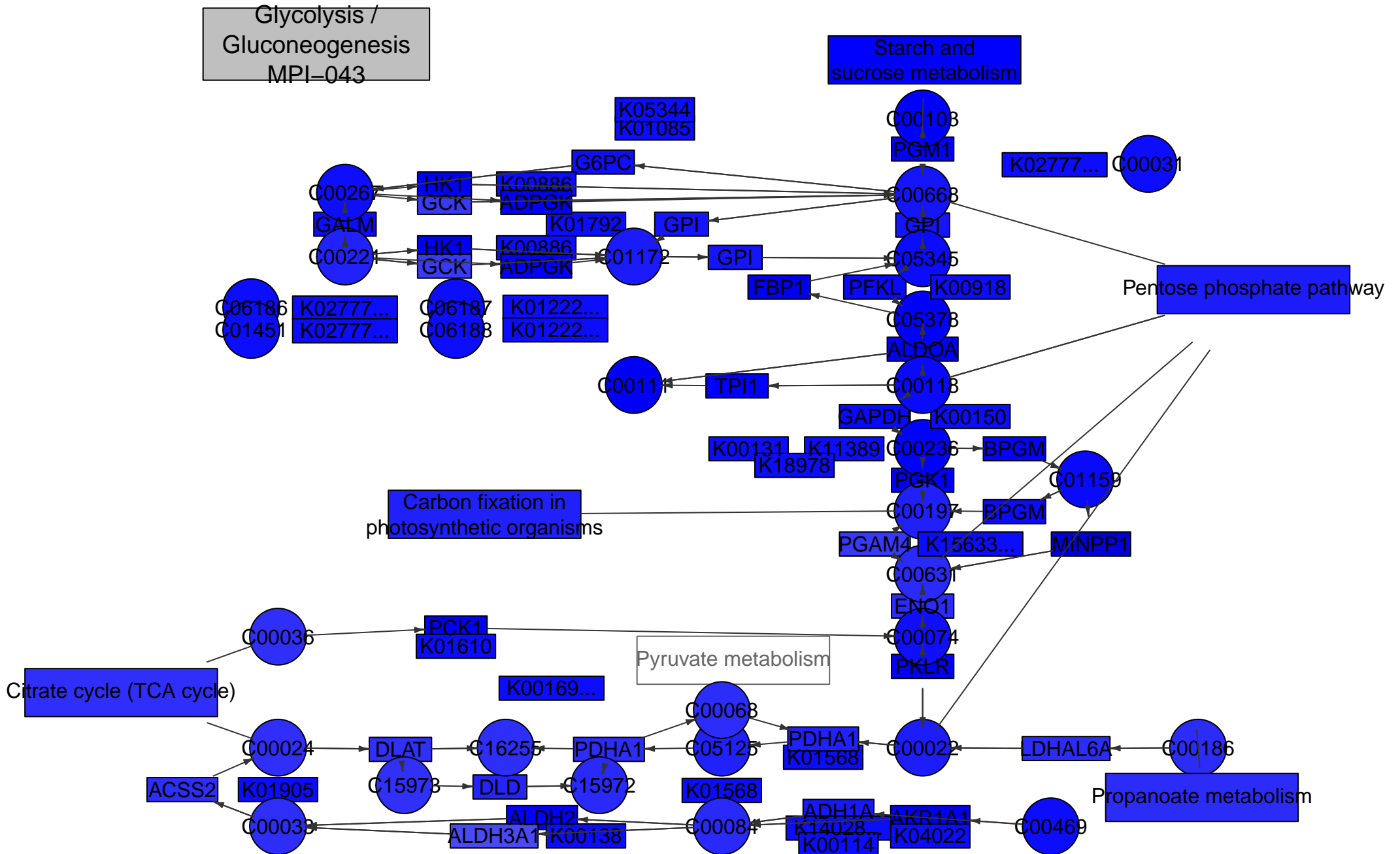


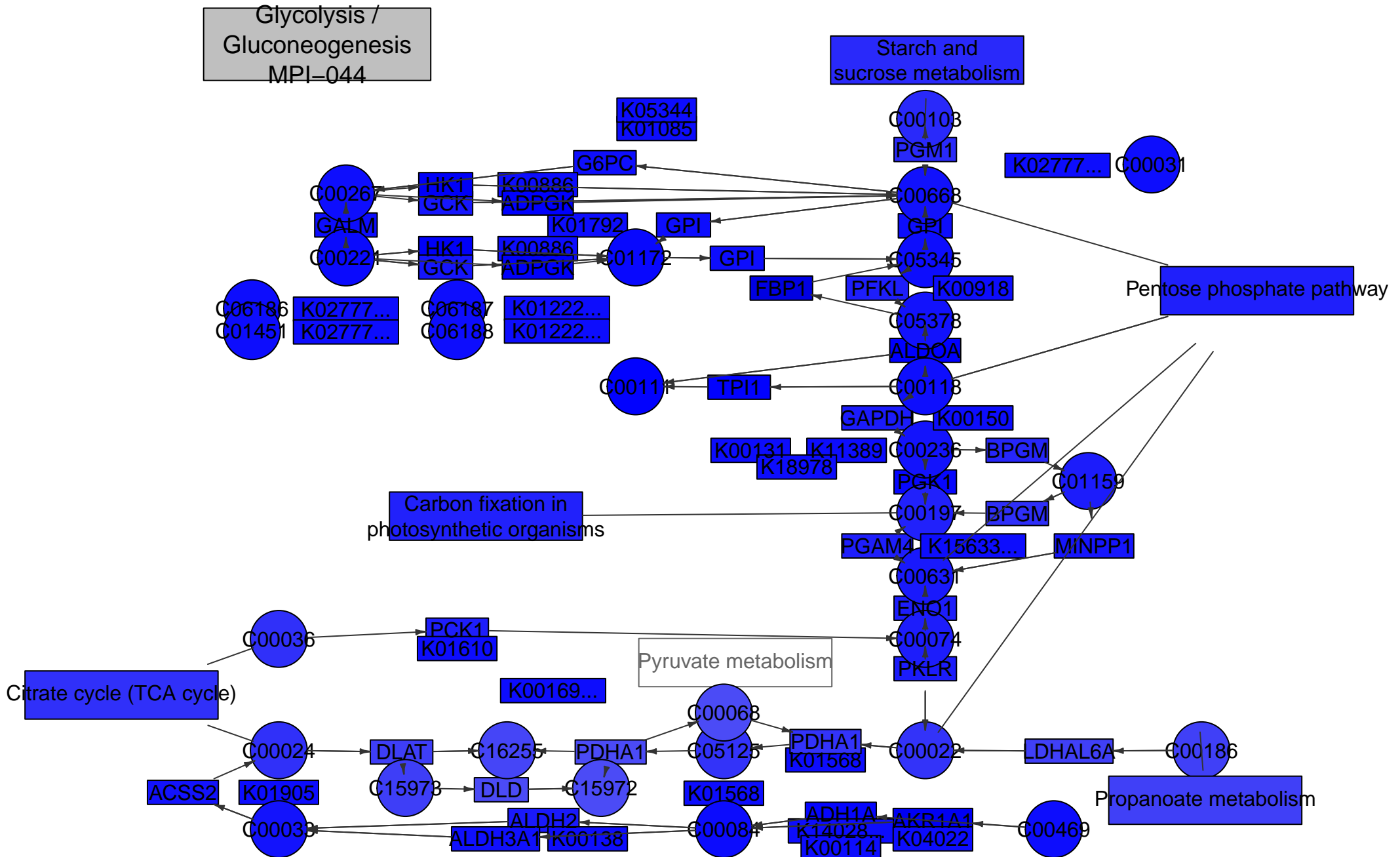






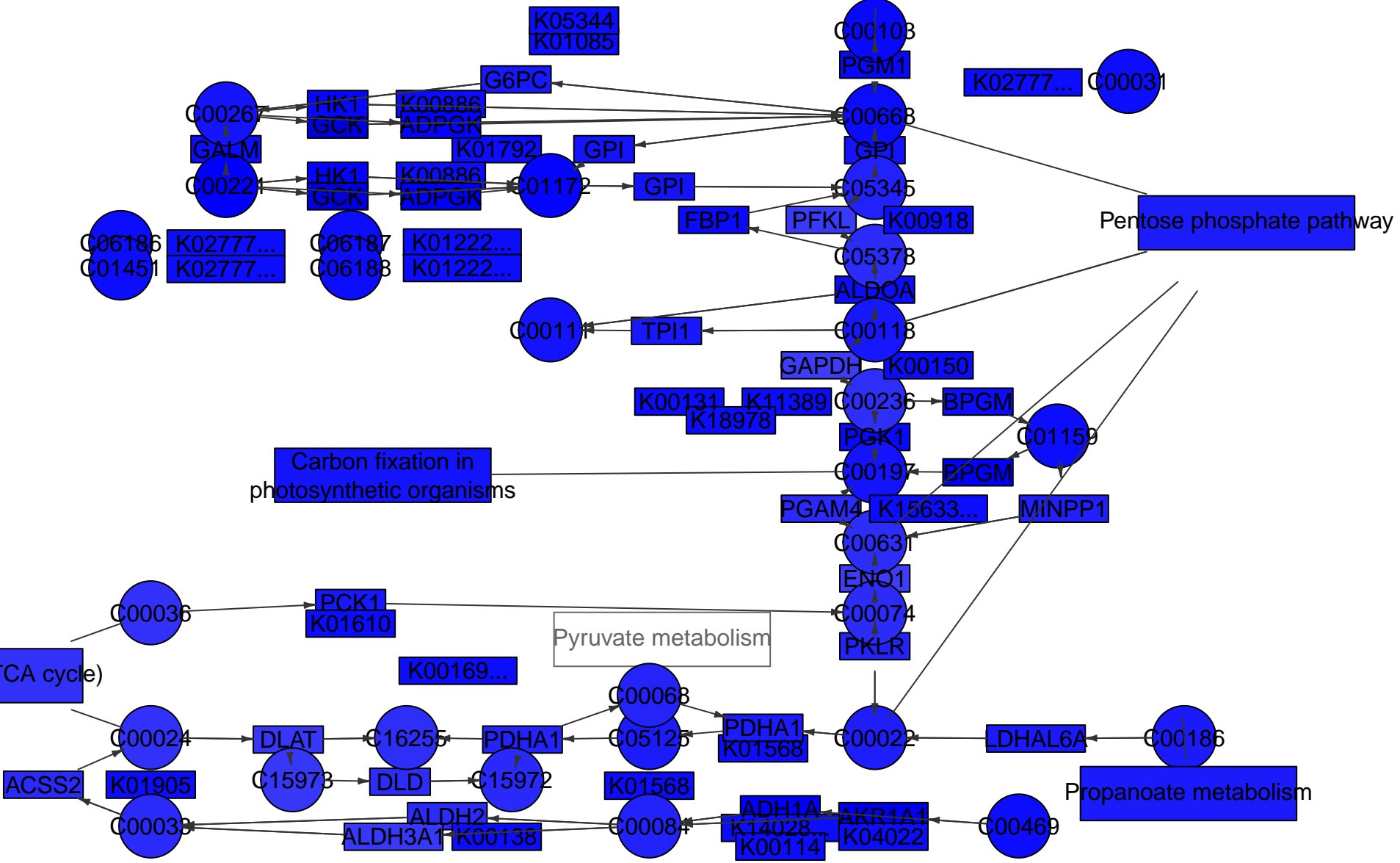


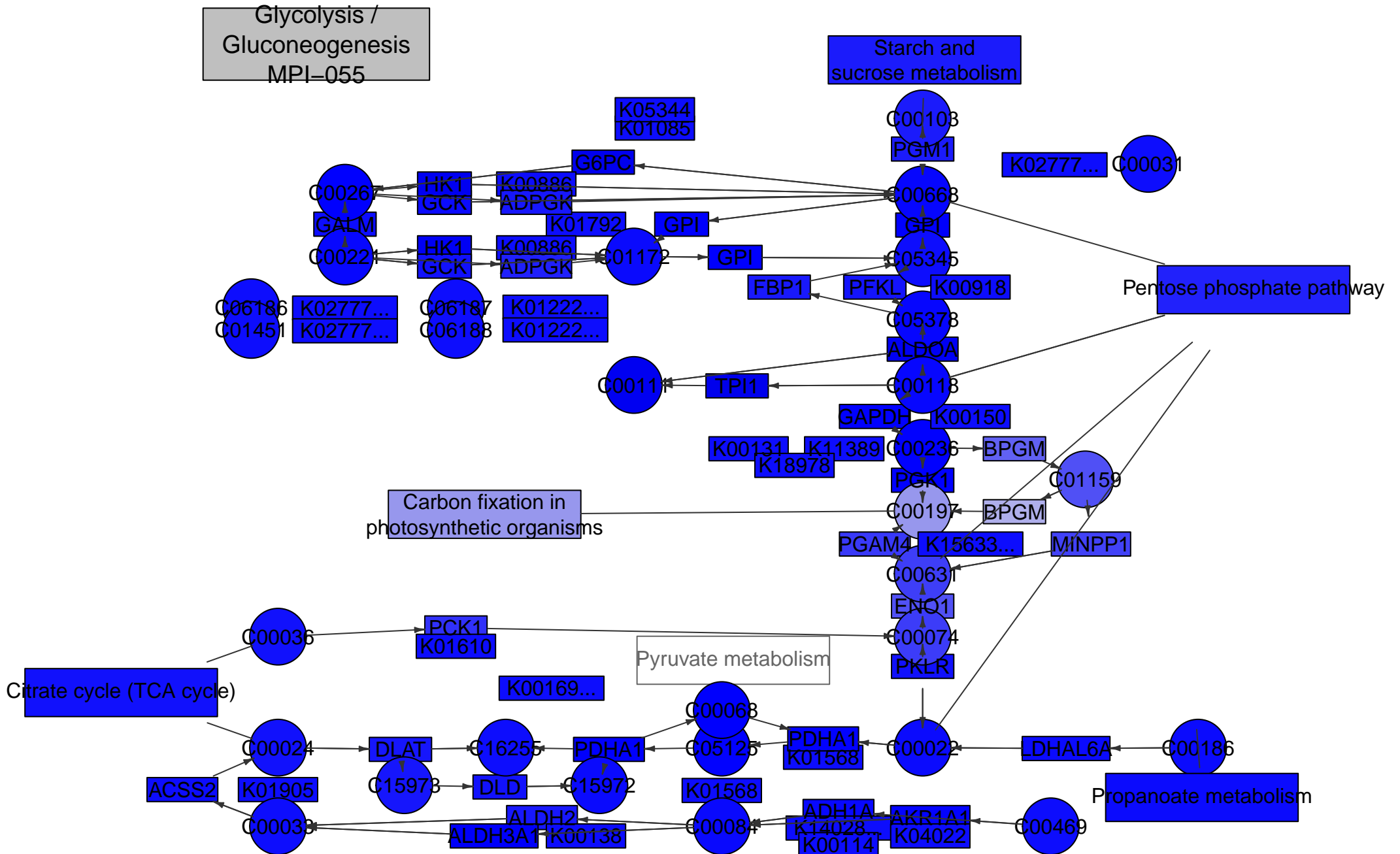




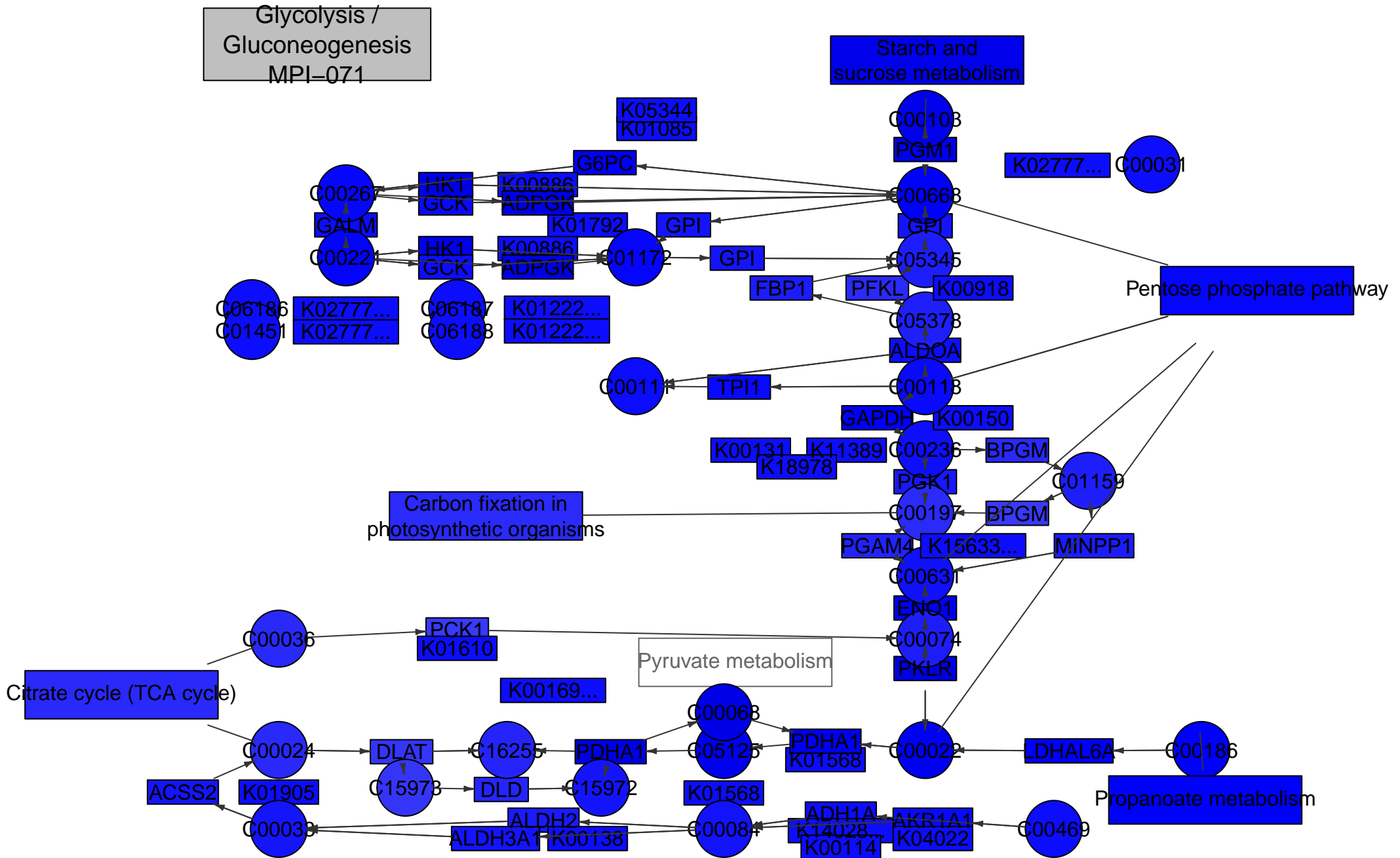
Glycolysis /  
Gluconeogenesis  
MPI-048

Starch and  
sucrose metabolism



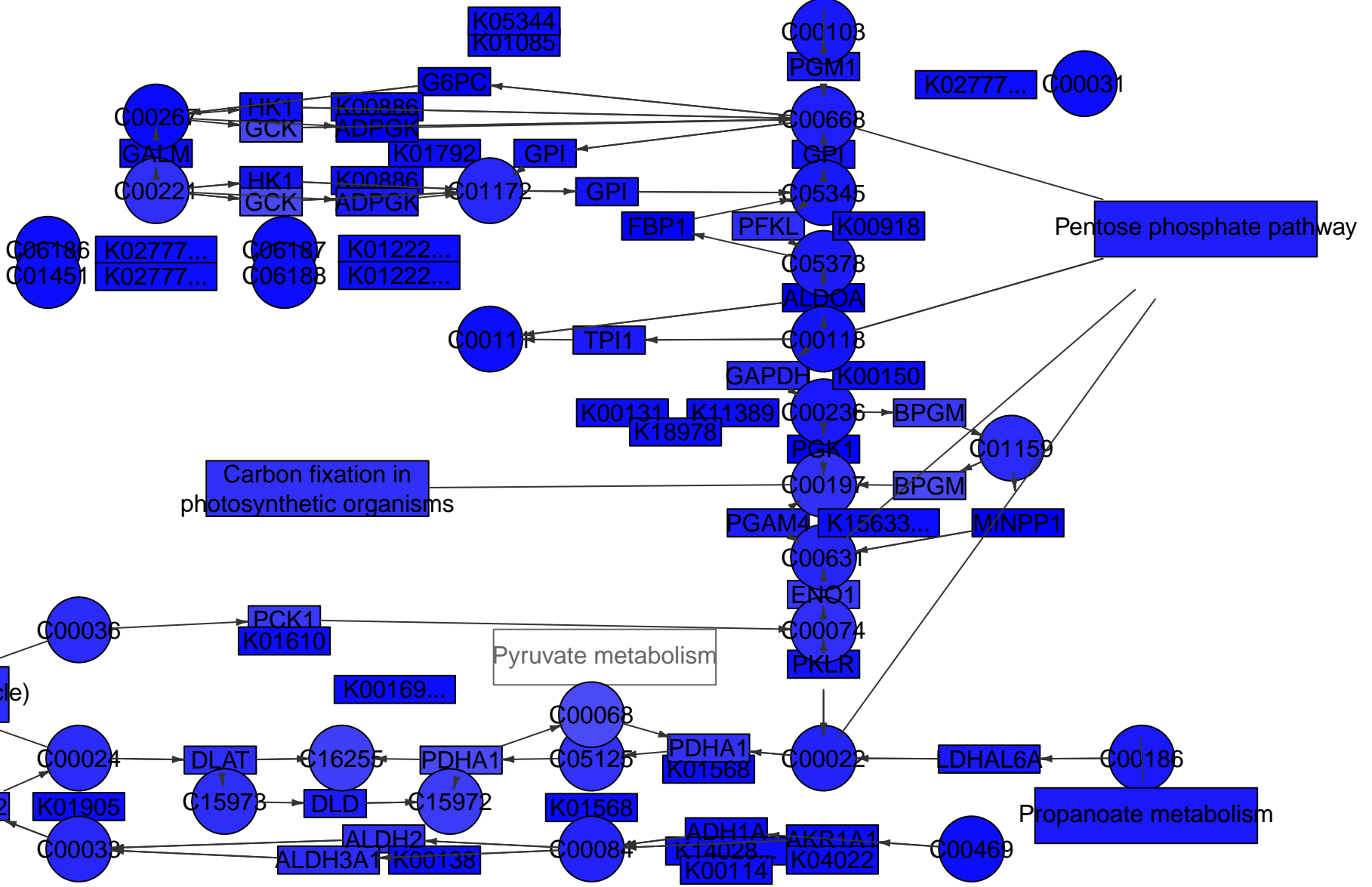






Glycolysis /  
Gluconeogenesis  
MPI-075

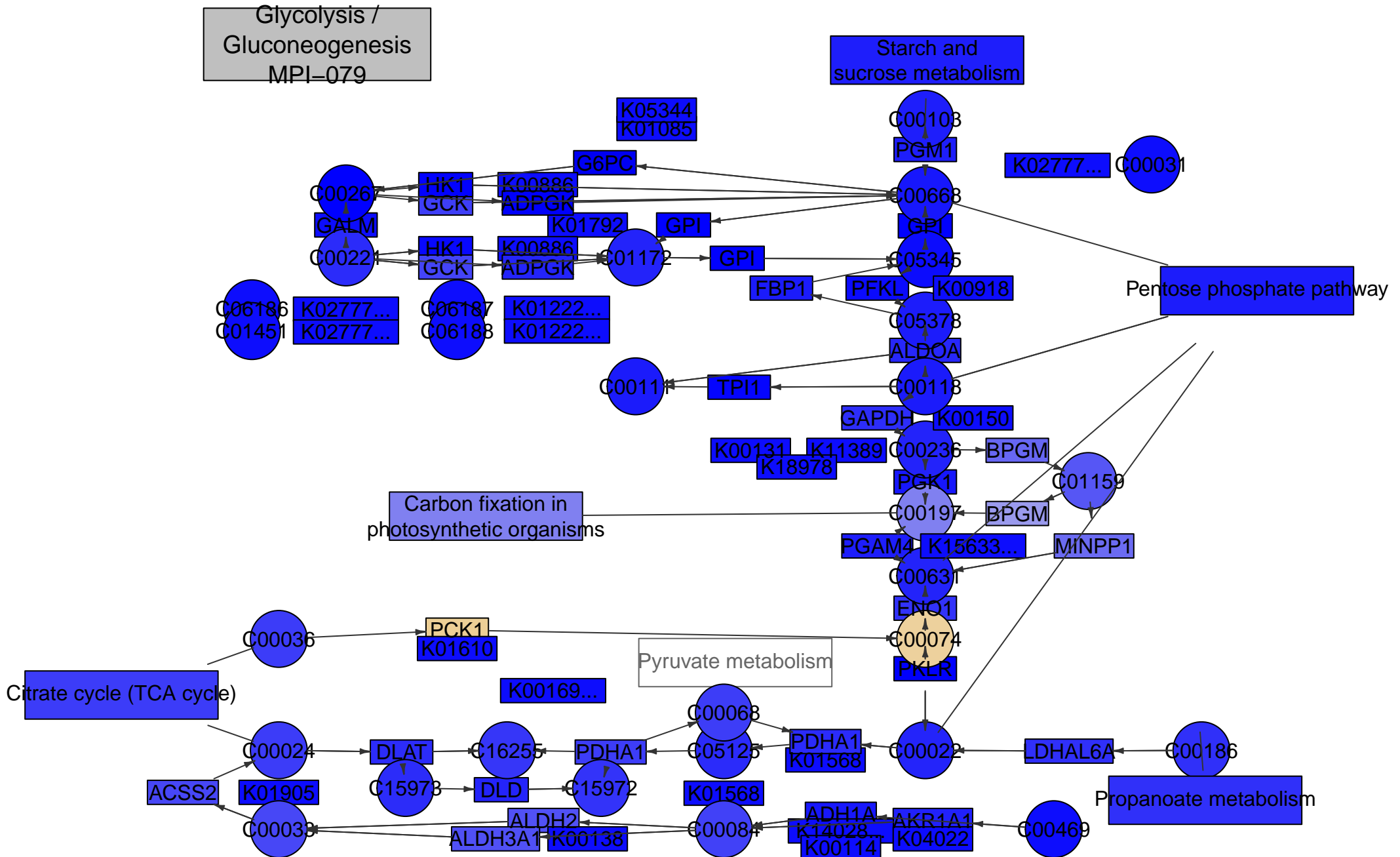
Starch and  
sucrose metabolism



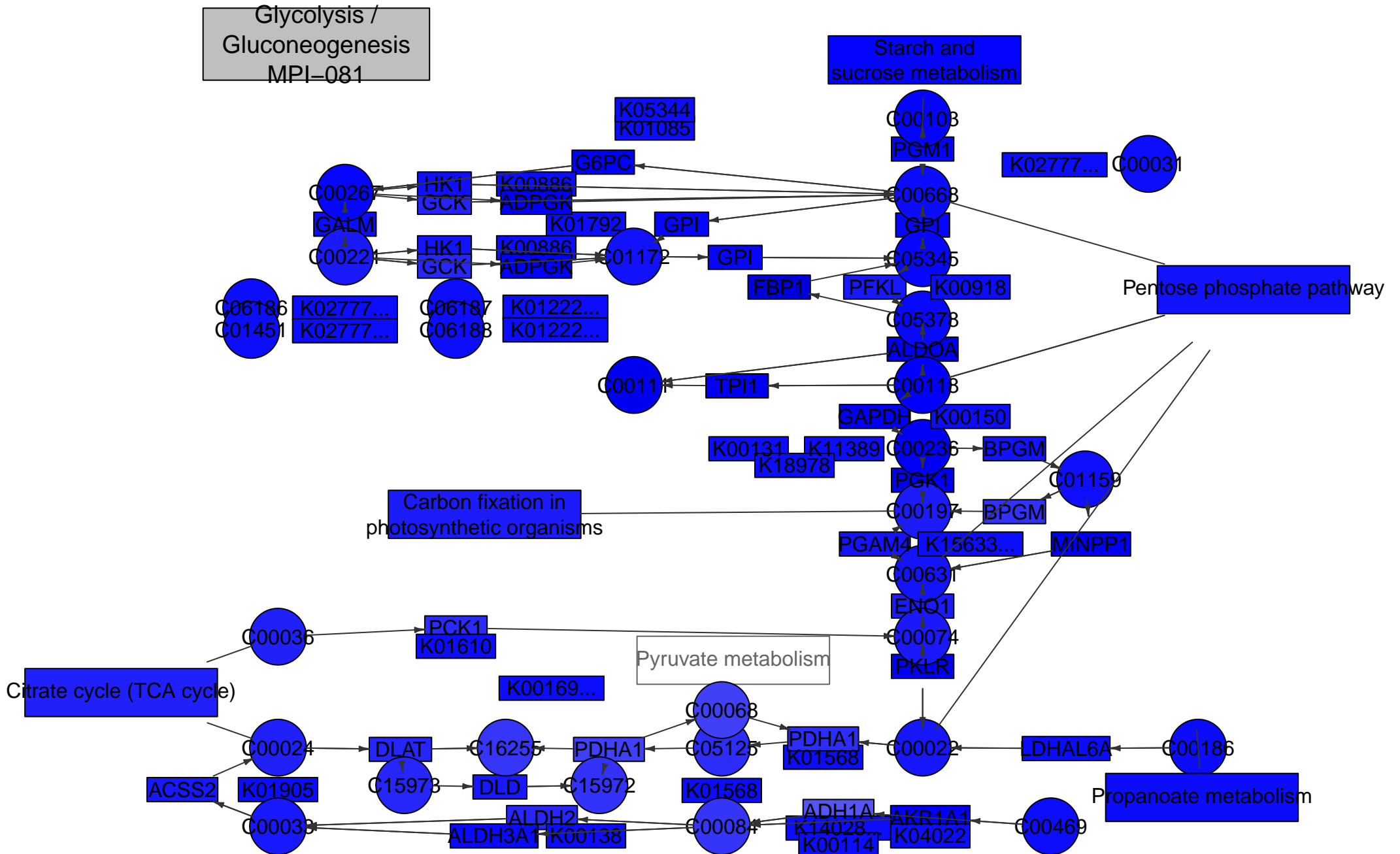




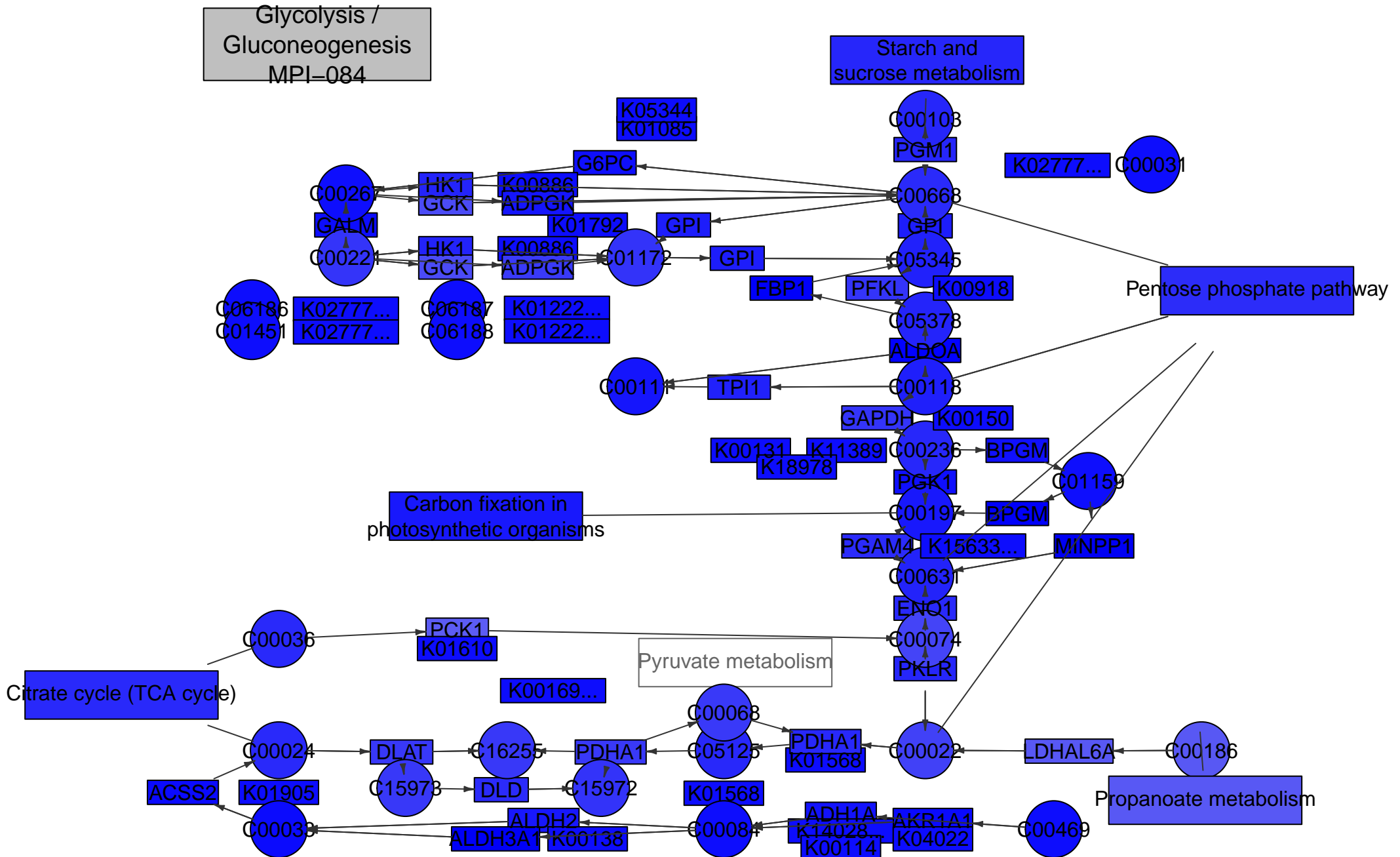












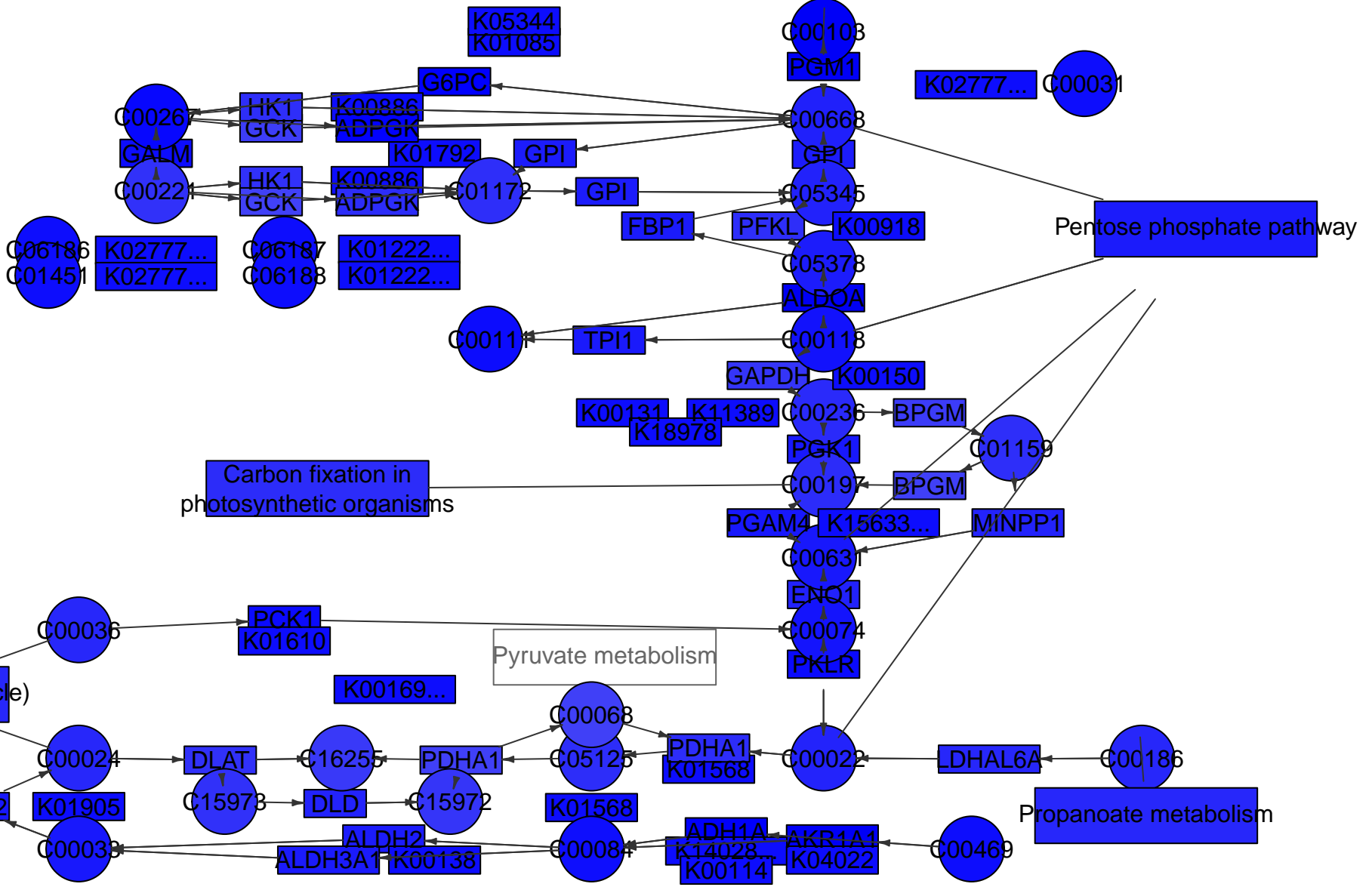




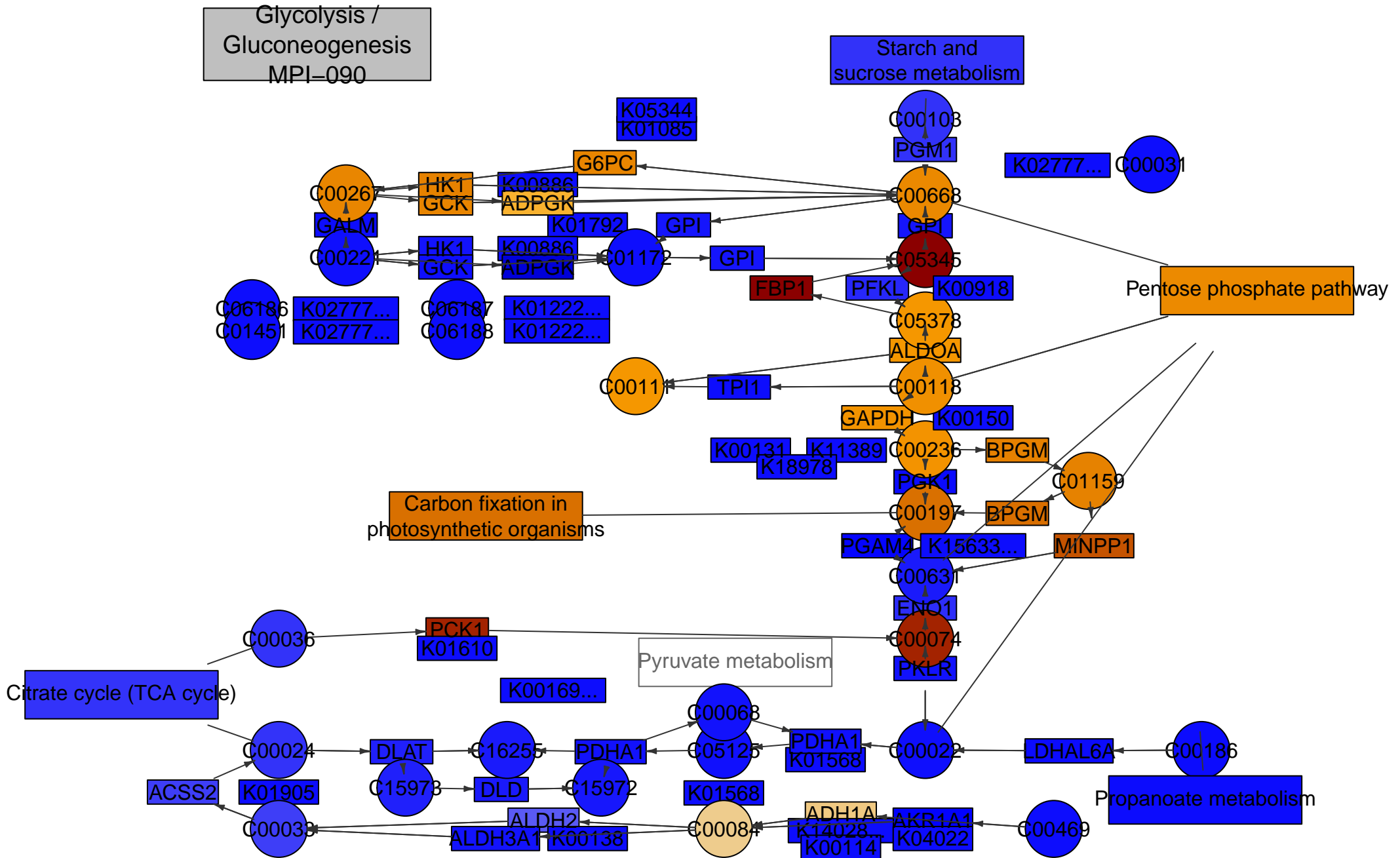


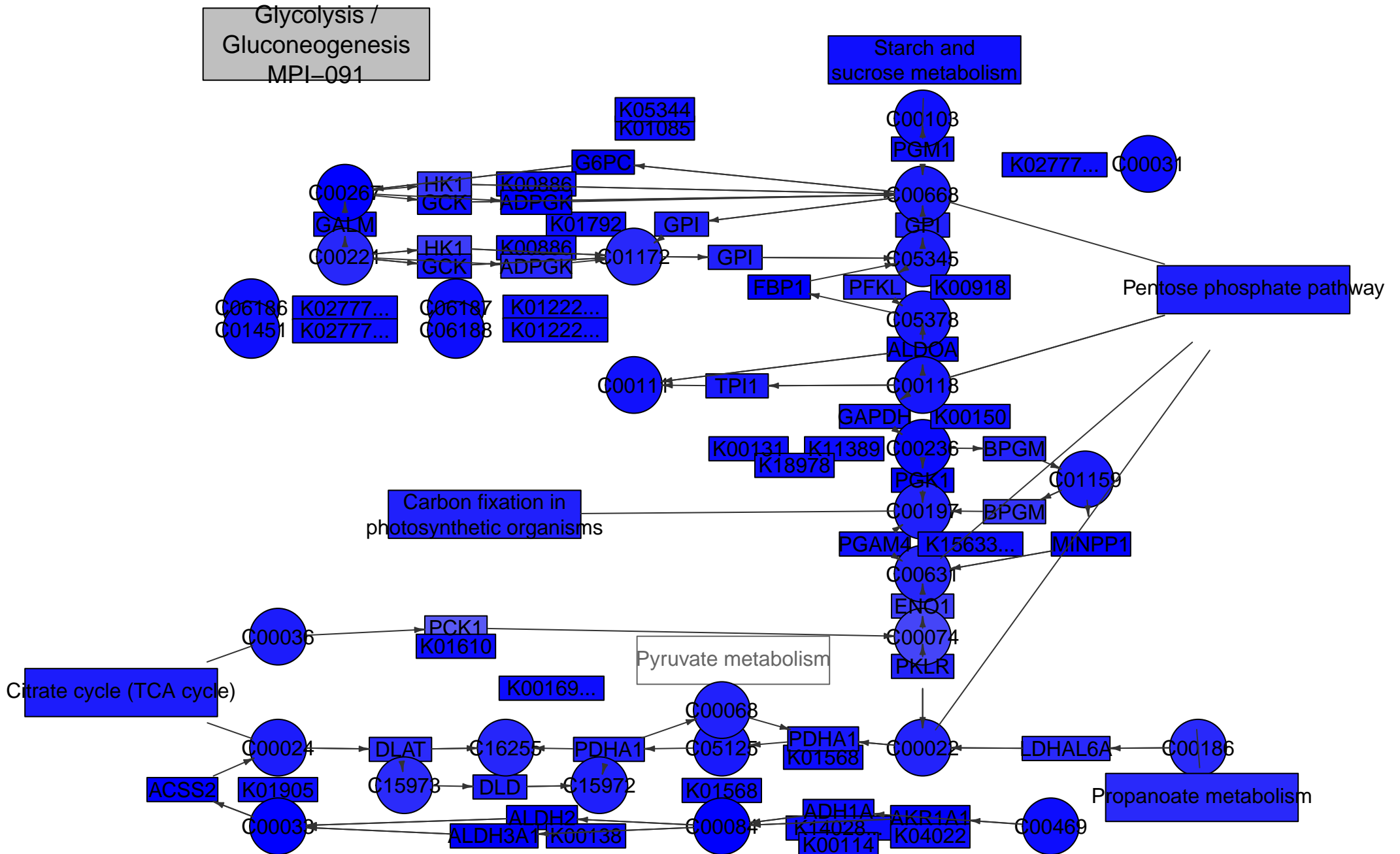
Glycolysis /  
Gluconeogenesis  
MPI-087

Starch and  
sucrose metabolism



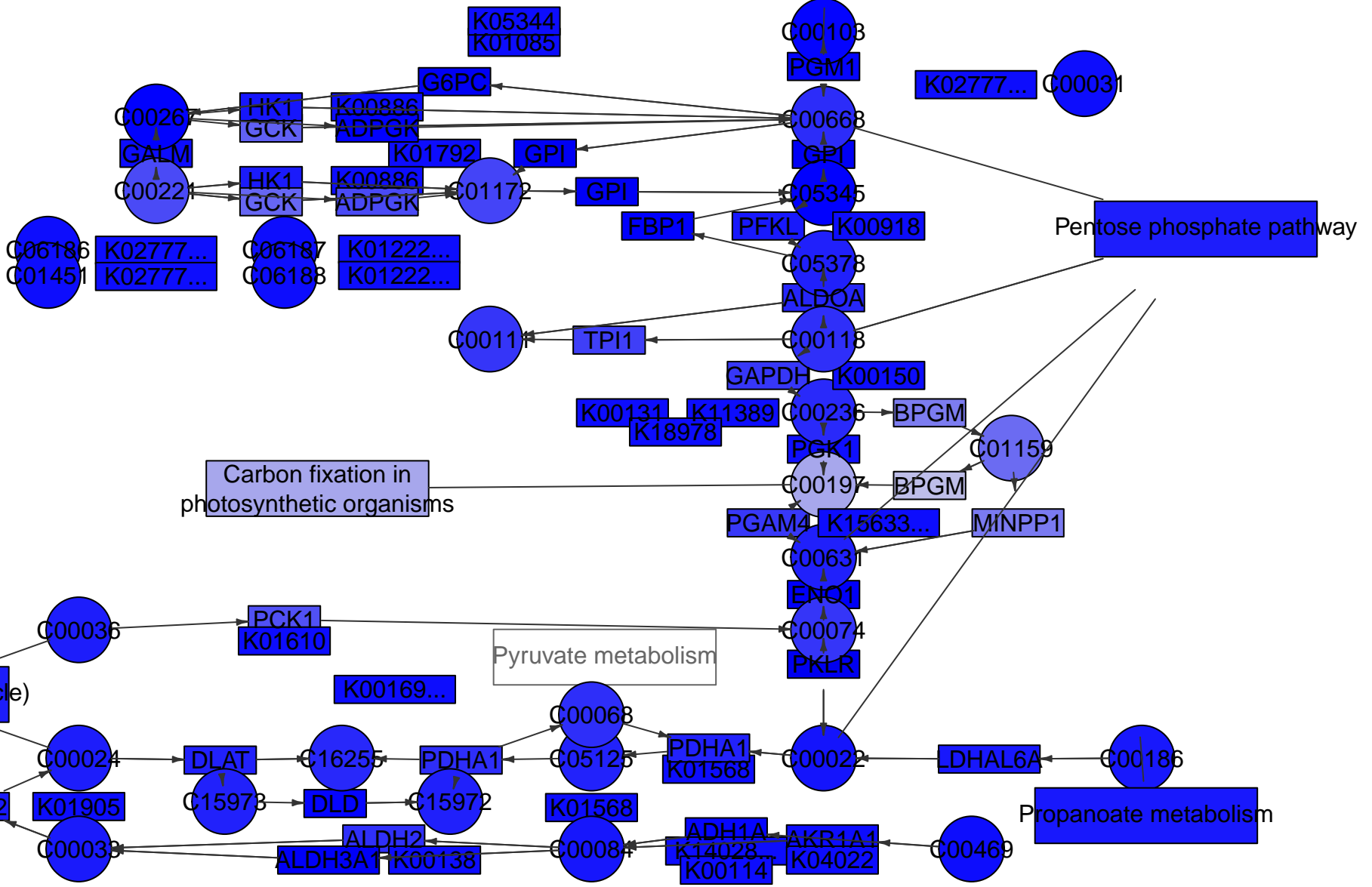


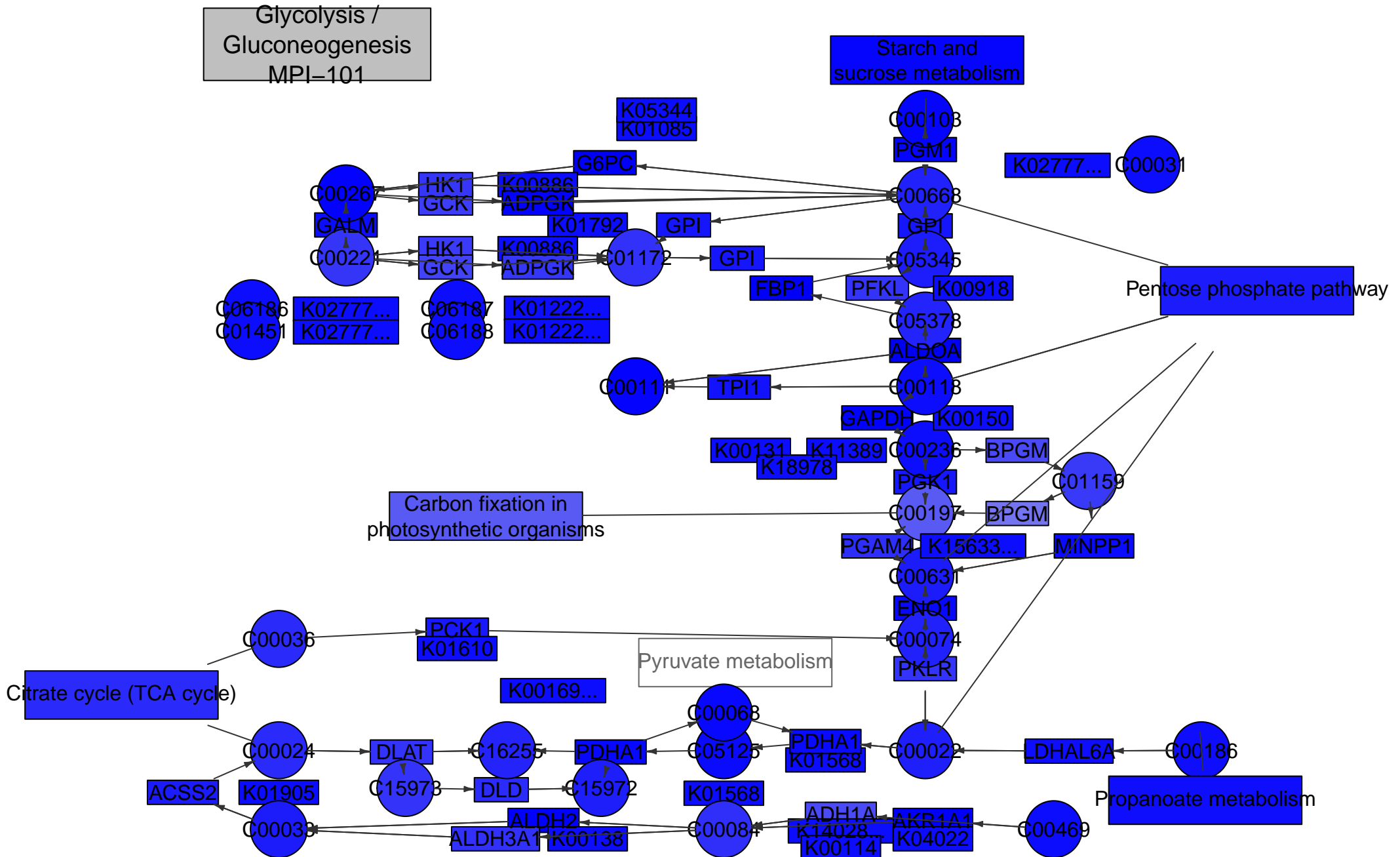


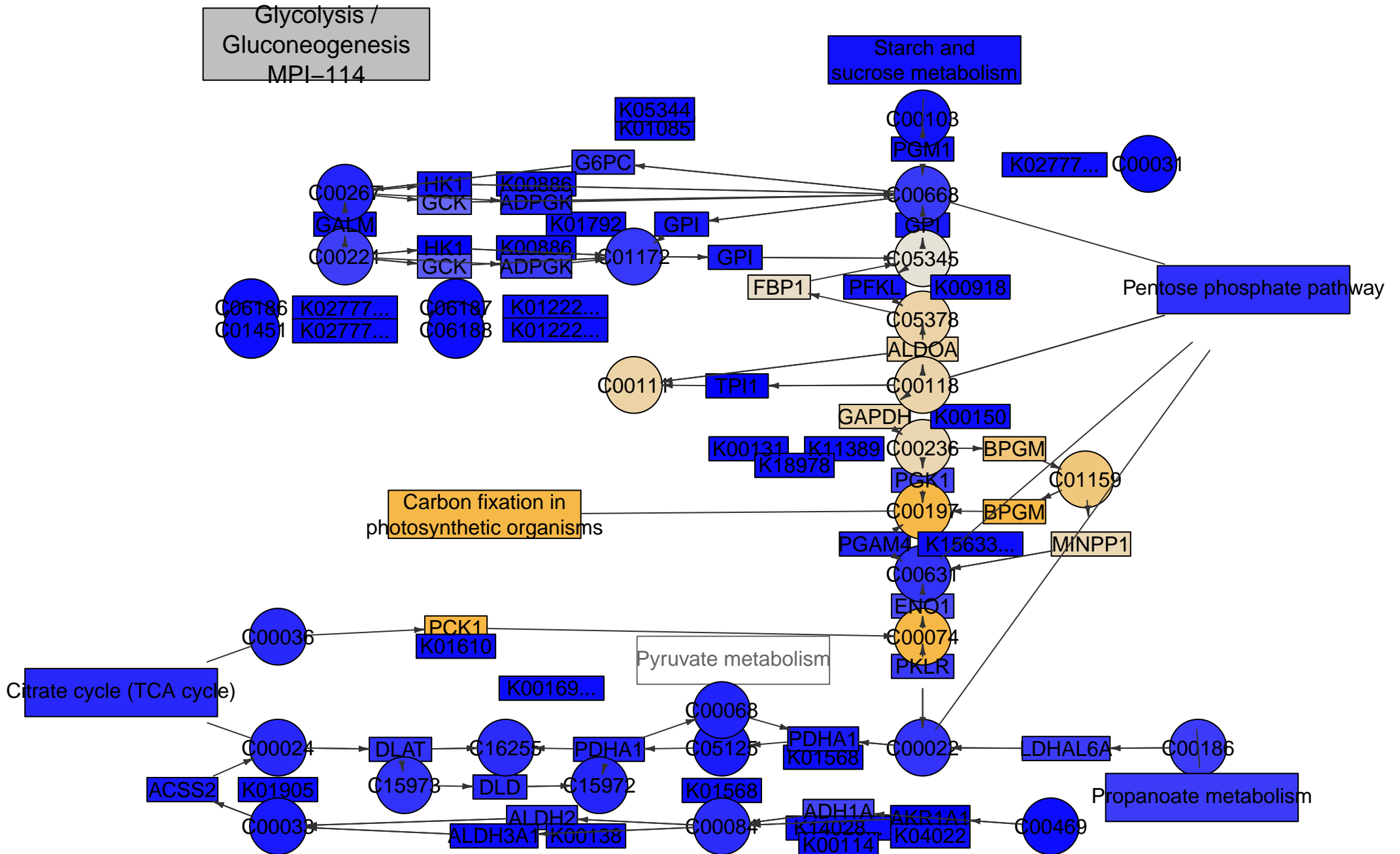


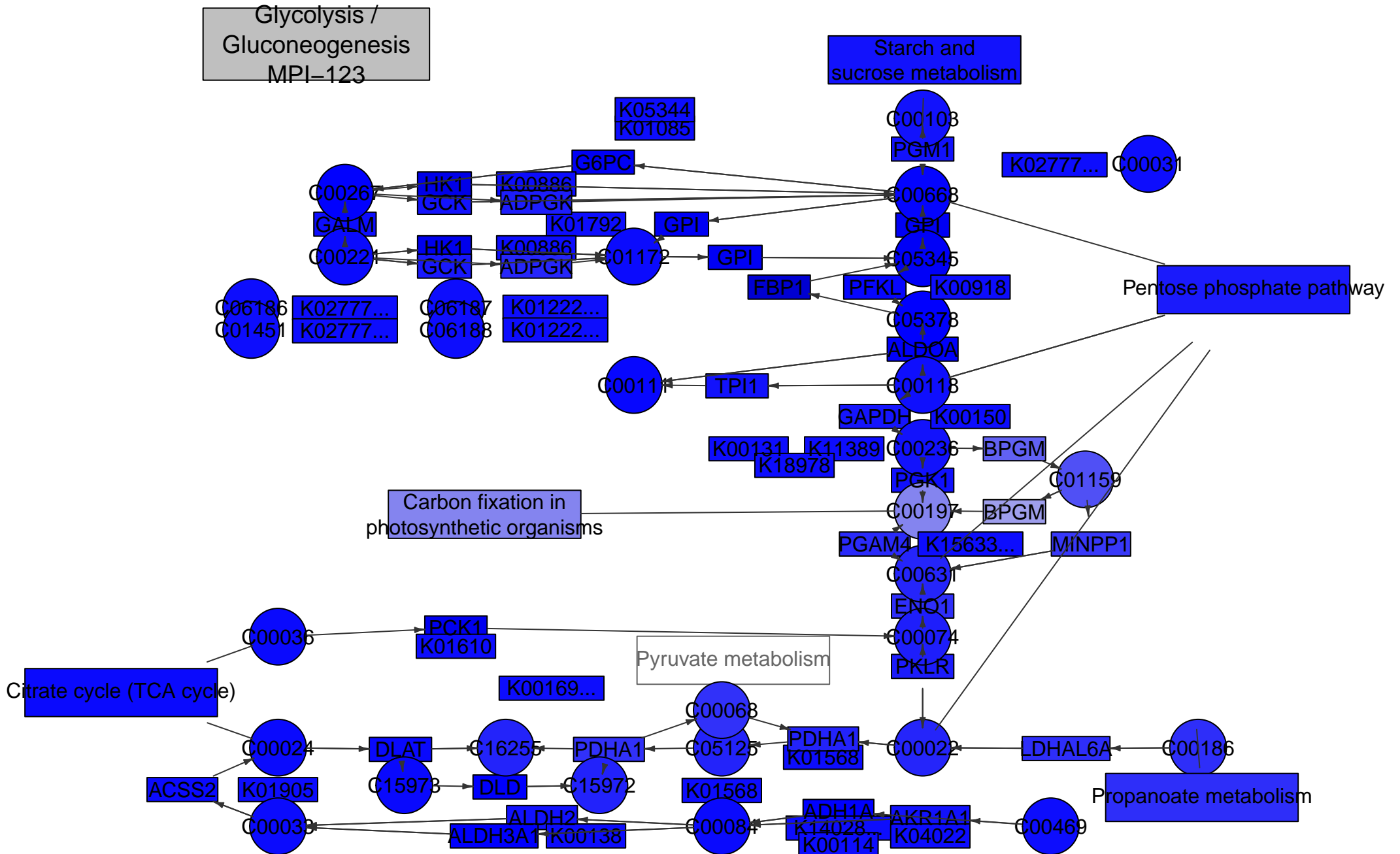
Glycolysis /  
Gluconeogenesis  
MPI-095

Starch and  
sucrose metabolism









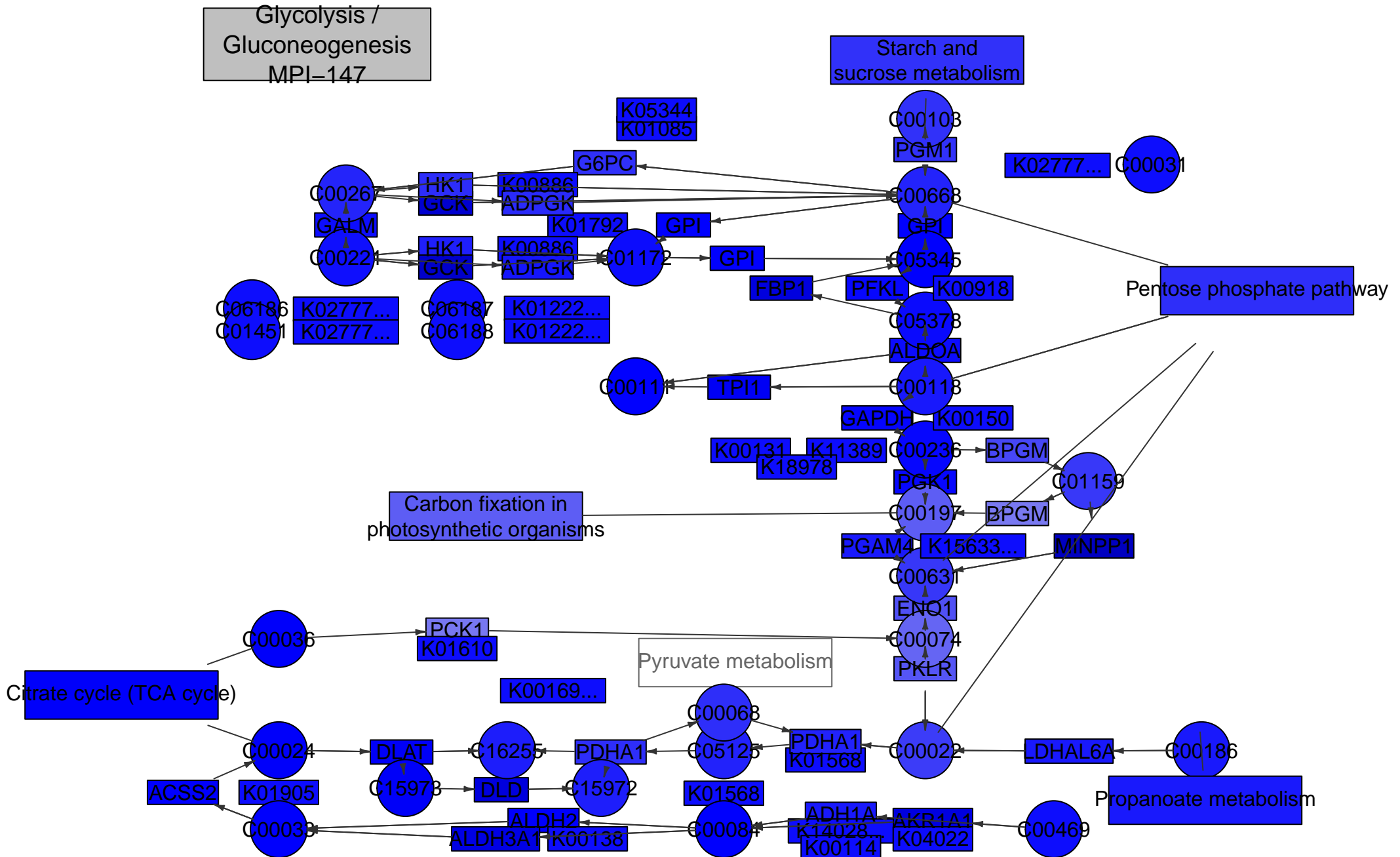






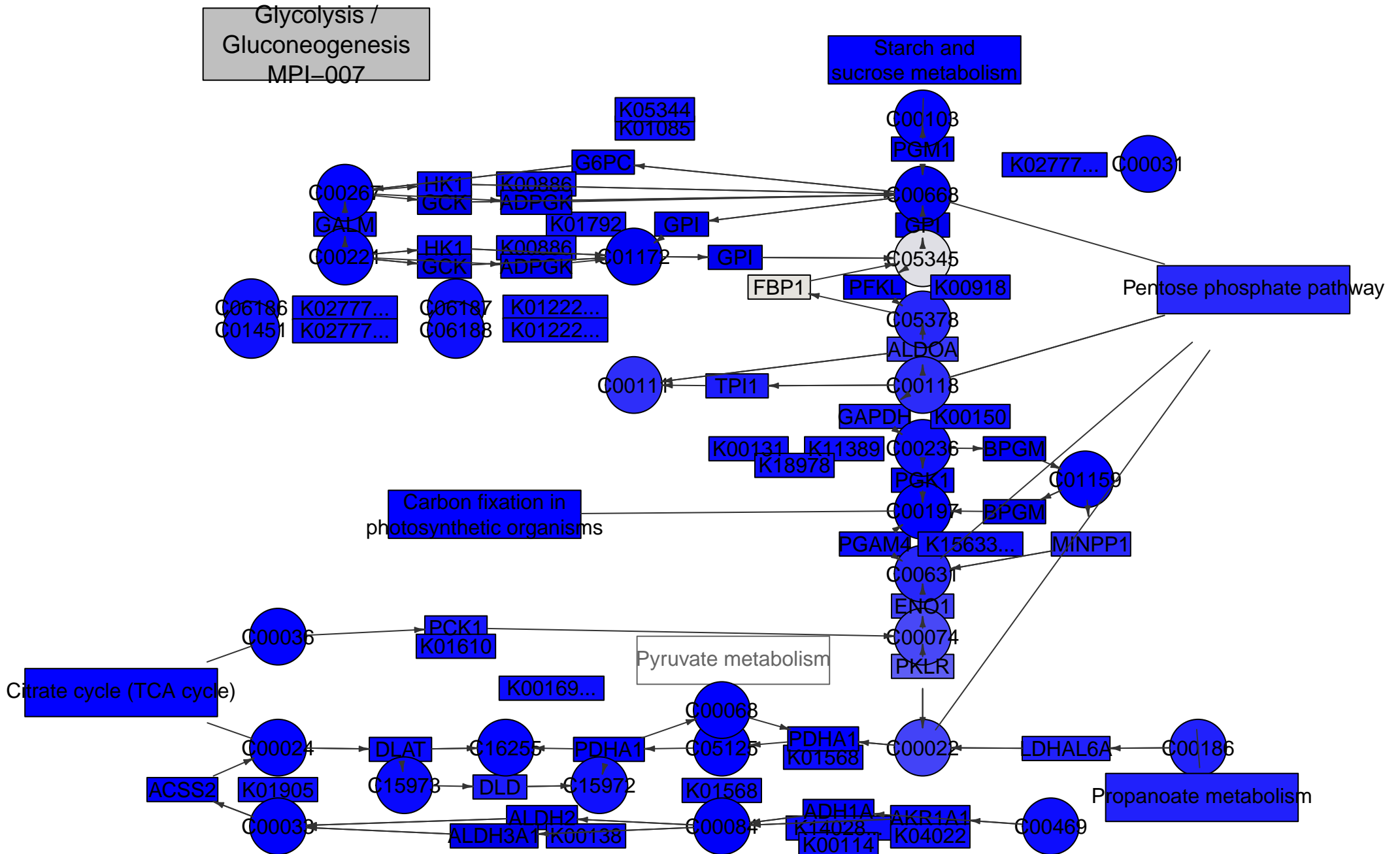




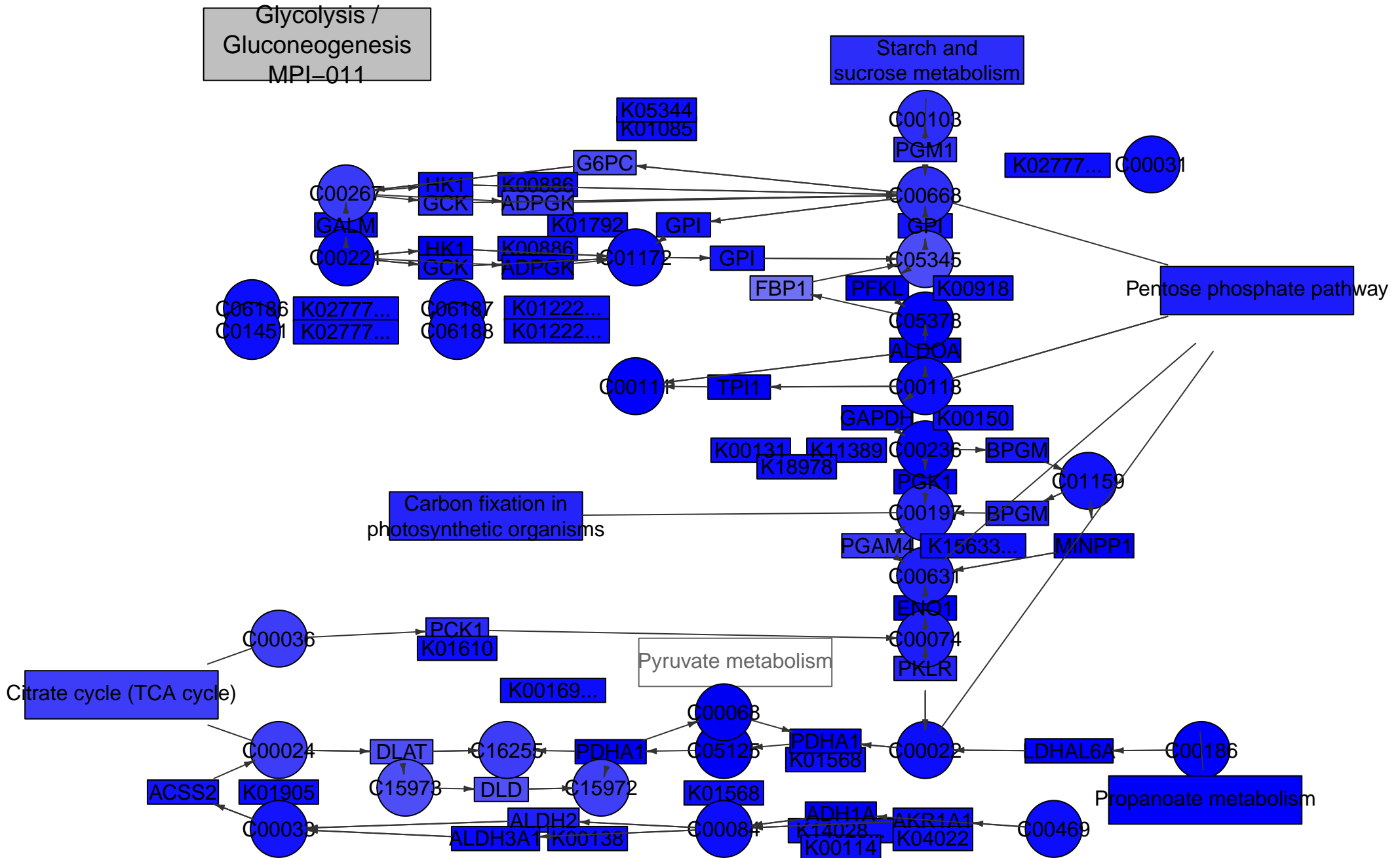






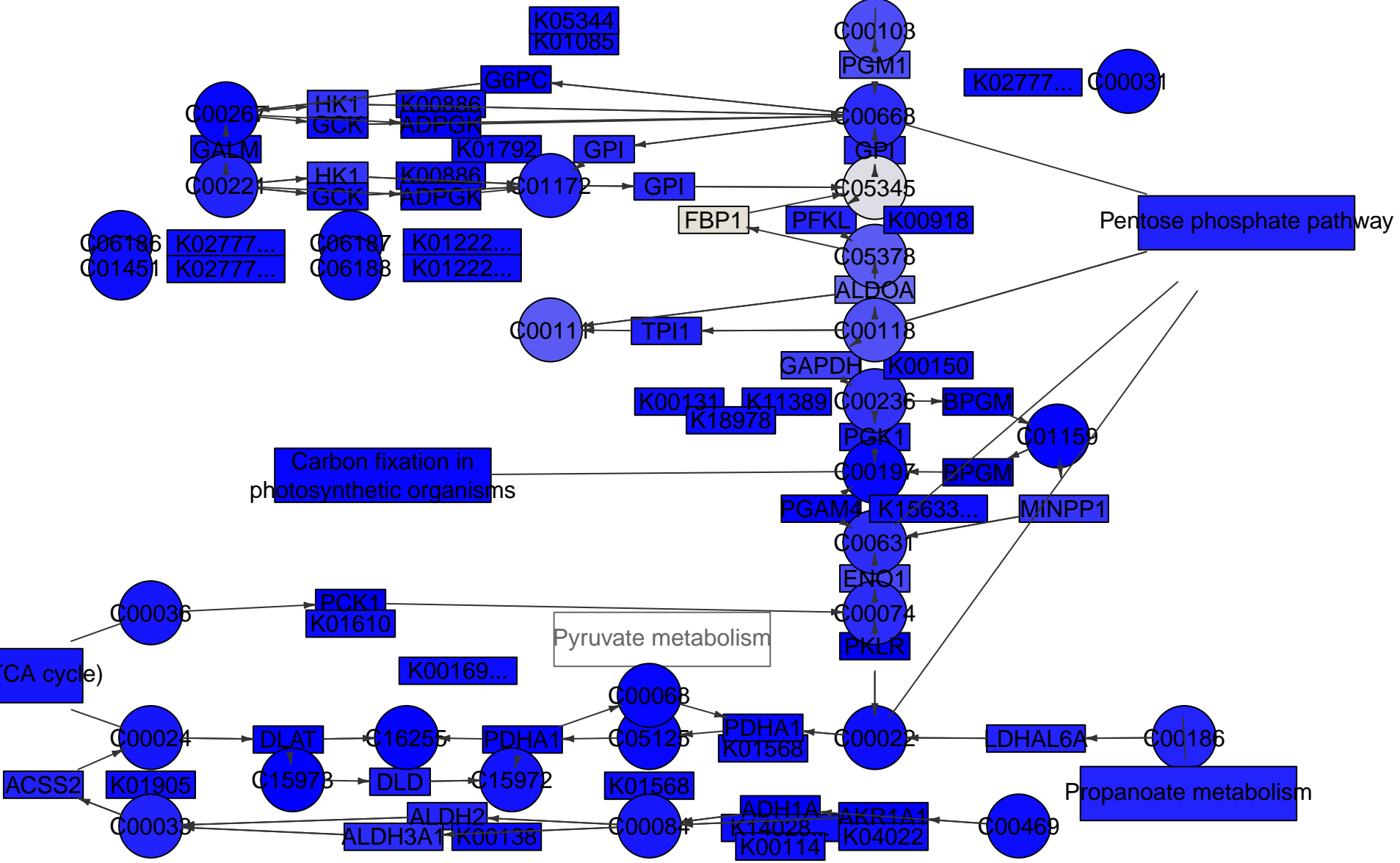






Glycolysis /  
Gluconeogenesis  
MPI-024

Starch and  
sucrose metabolism



Pentose phosphate pathway

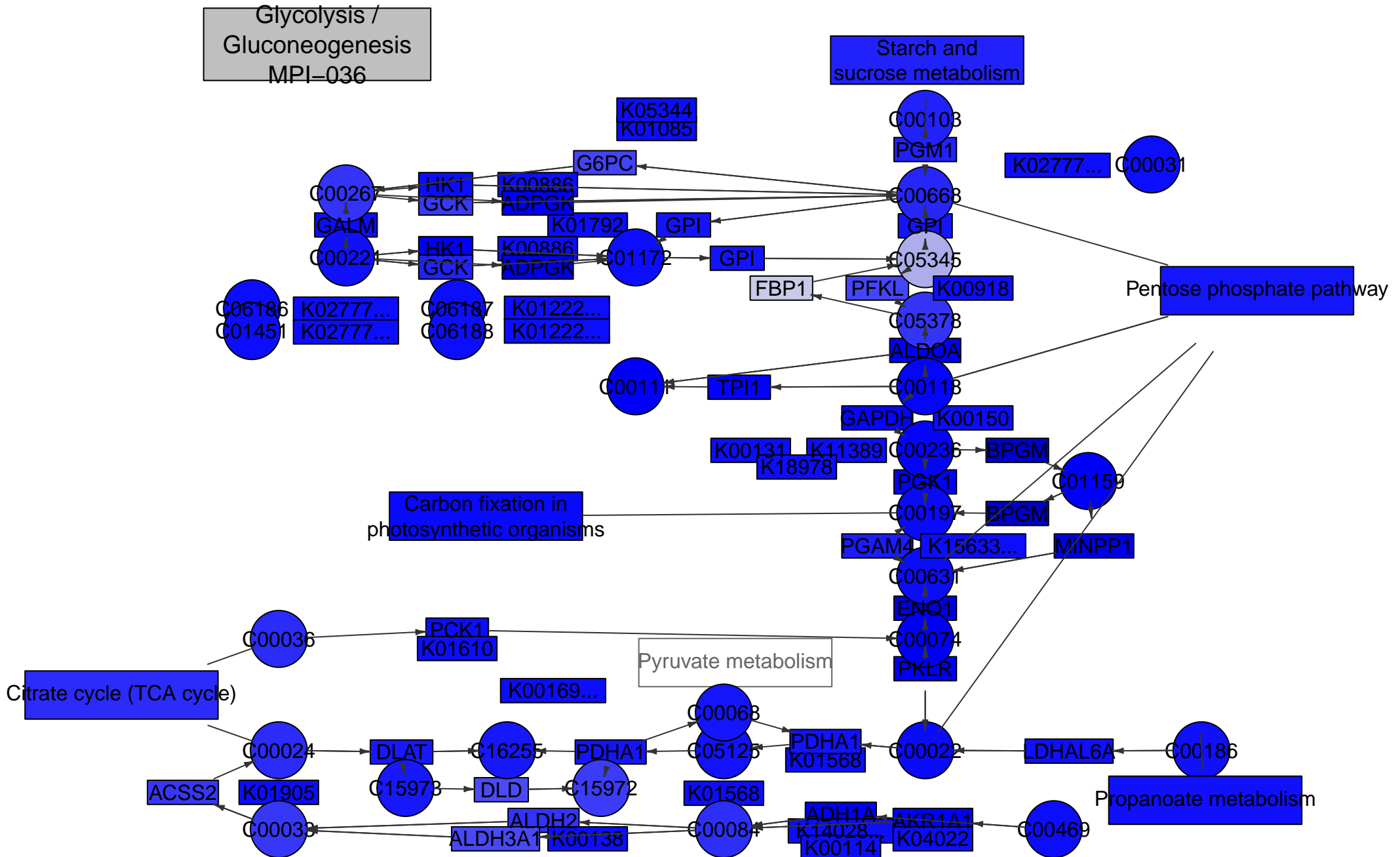
Carbon fixation in  
photosynthetic organisms

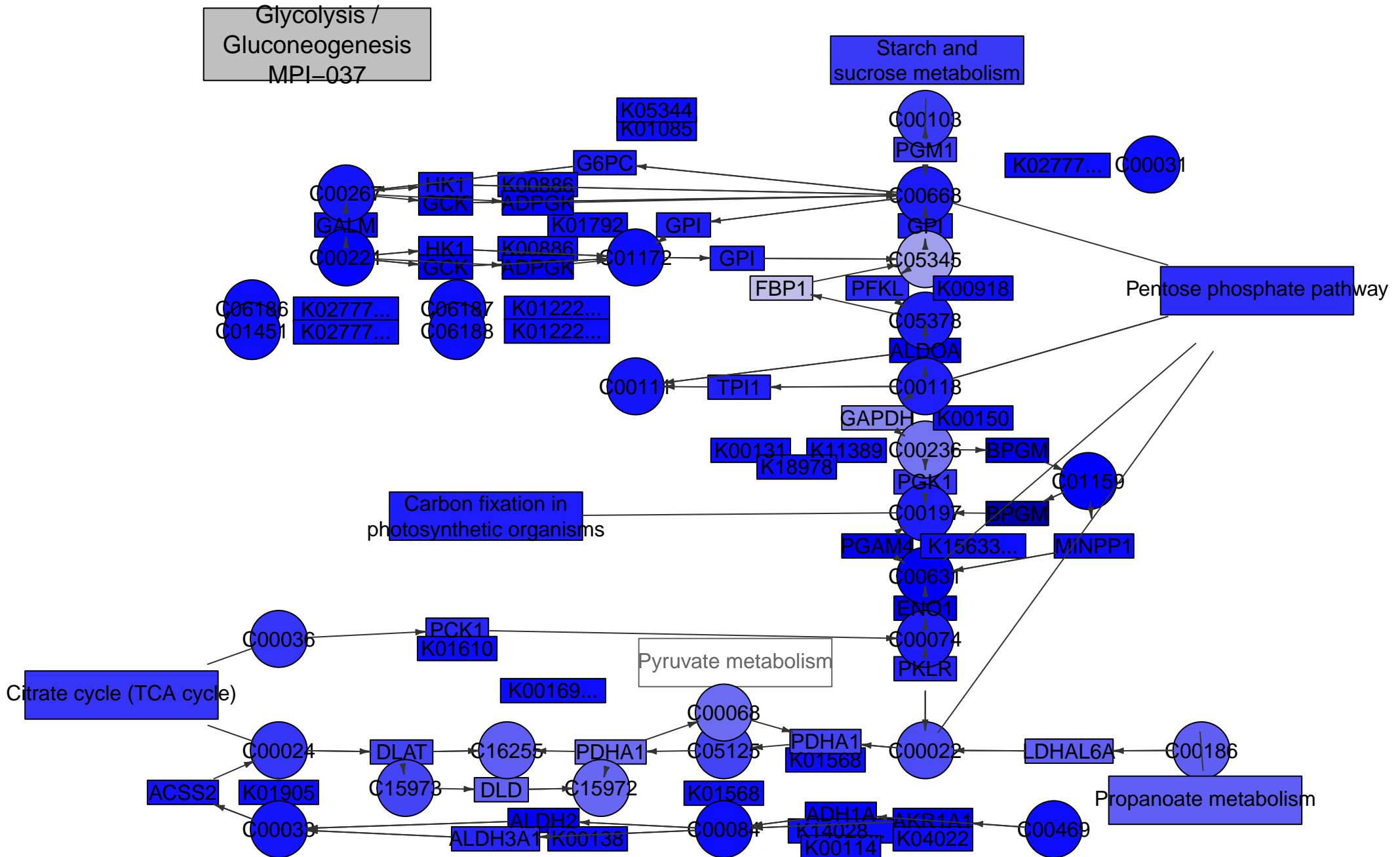
Pyruvate metabolism

Citrate cycle (TCA cycle)

Propanoate metabolism

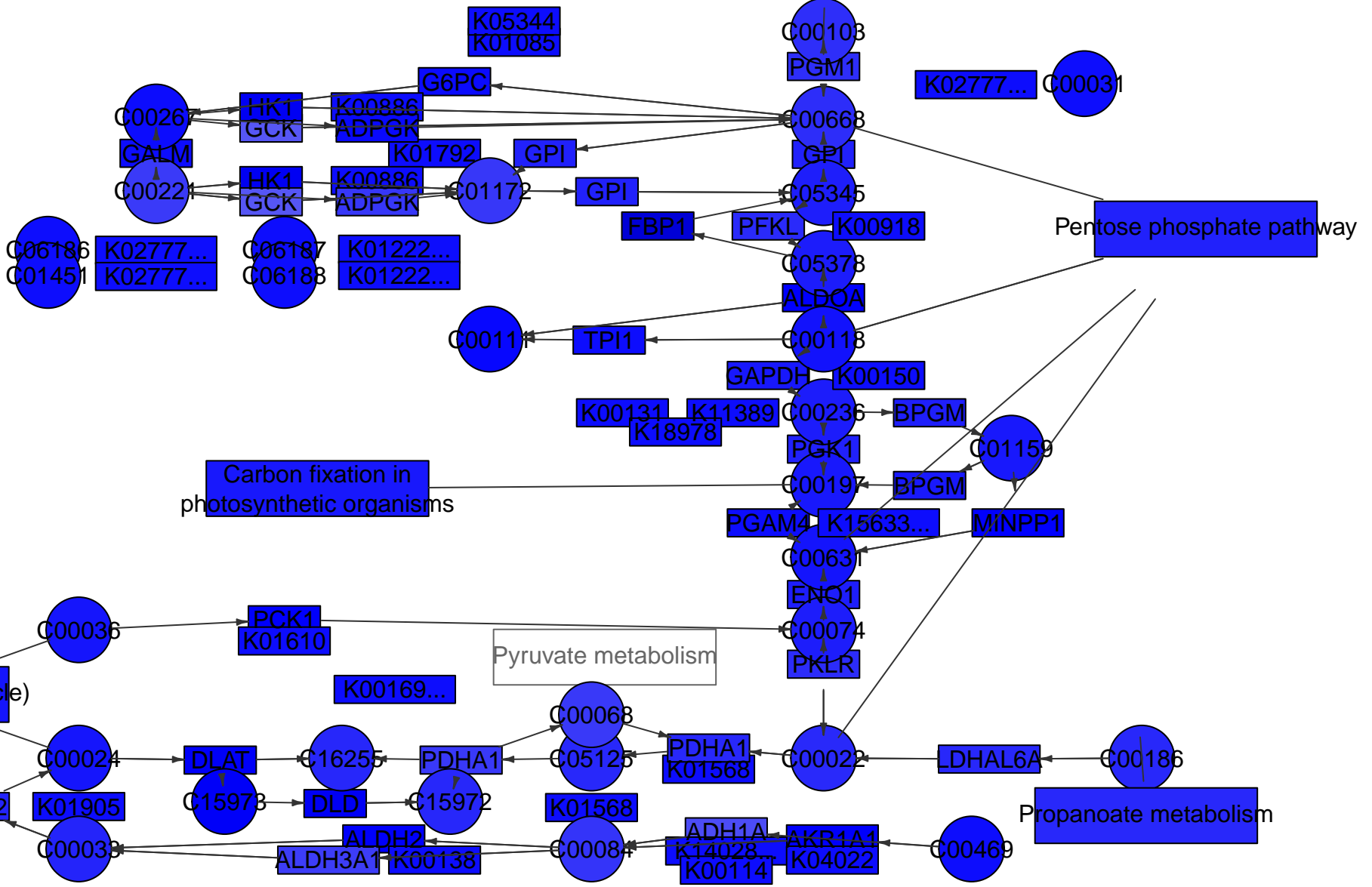






Glycolysis /  
Gluconeogenesis  
MPI-038

Starch and  
sucrose metabolism



Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

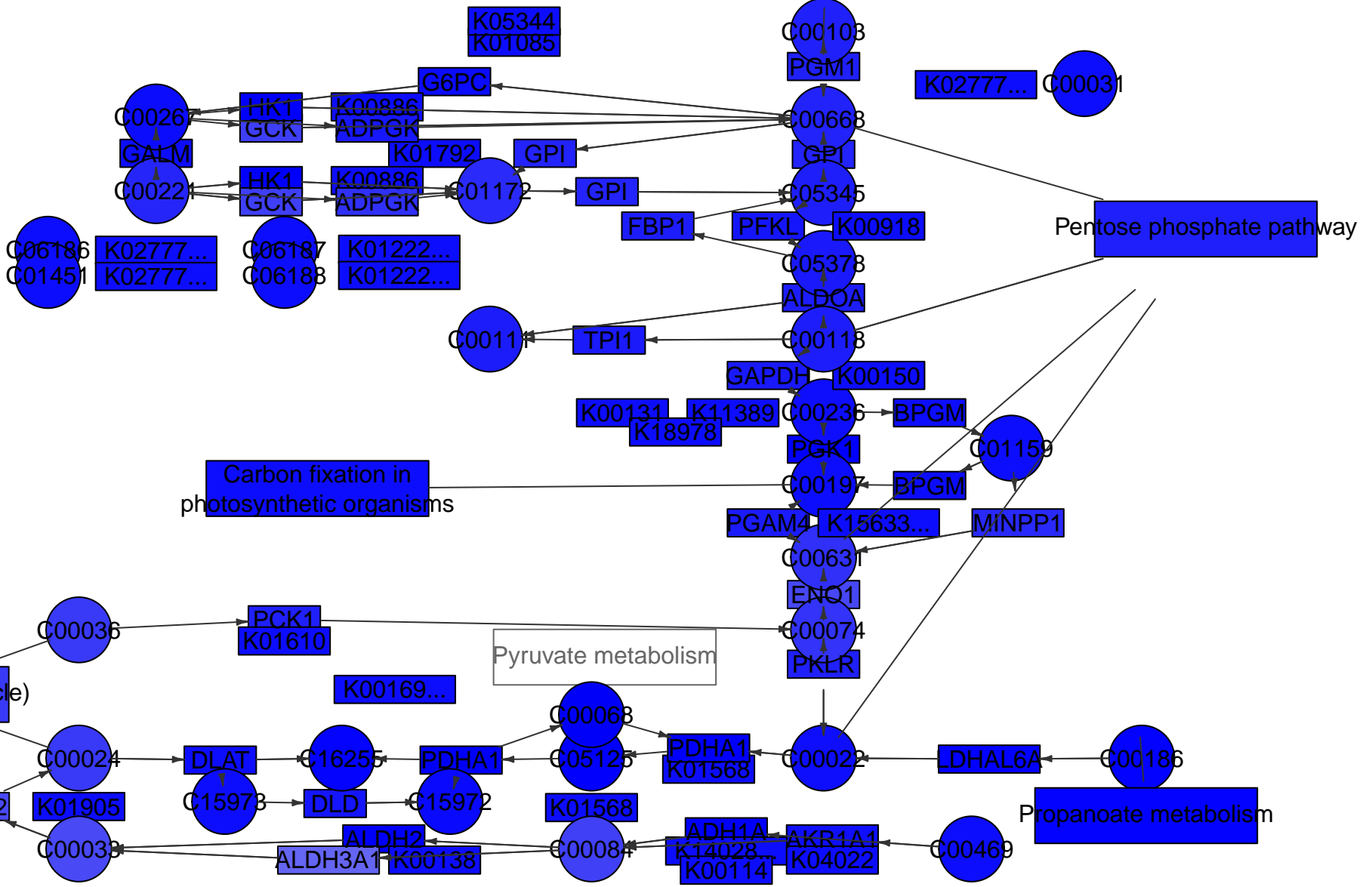


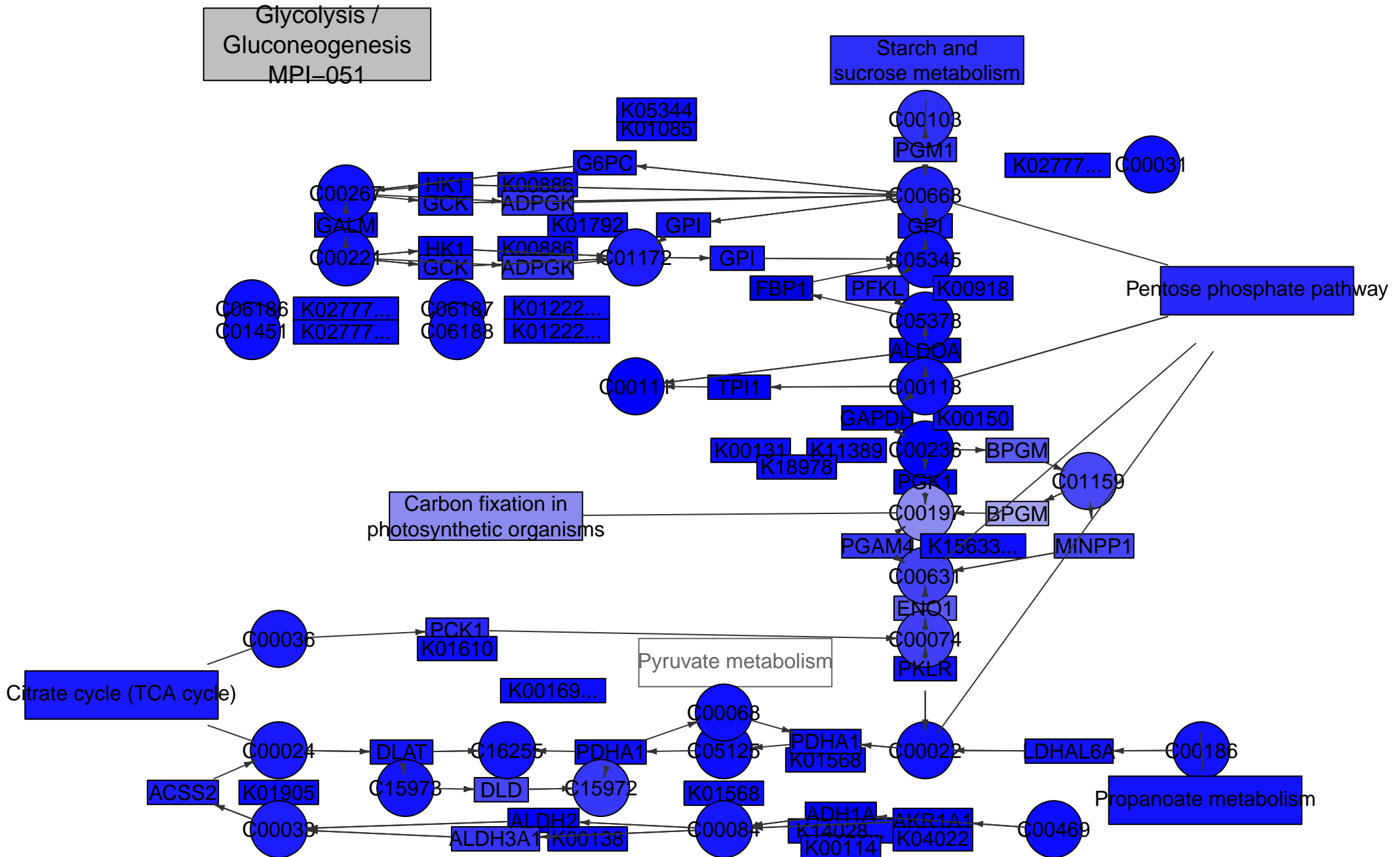




Glycolysis /  
Gluconeogenesis  
MPI-050

Starch and  
sucrose metabolism

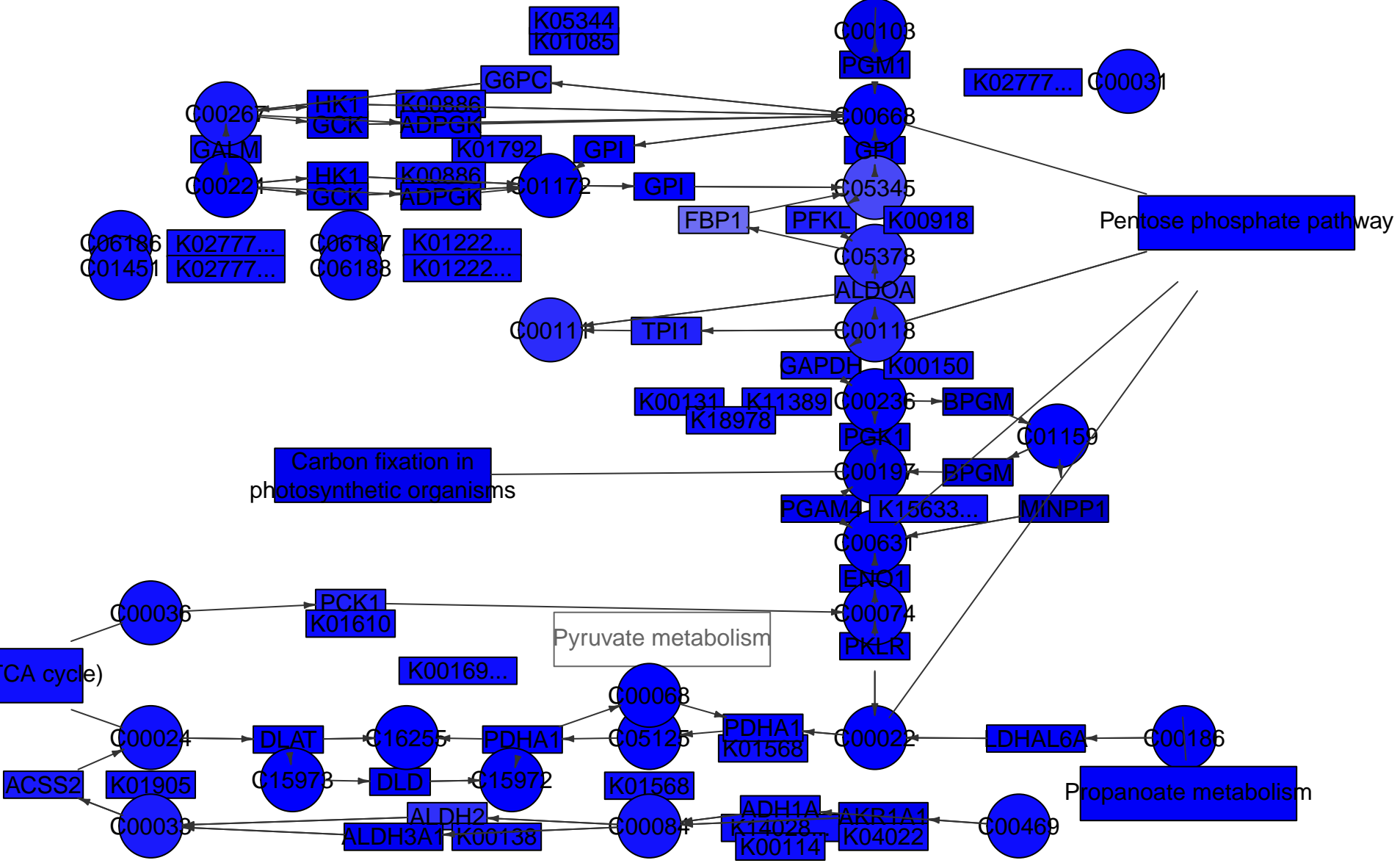


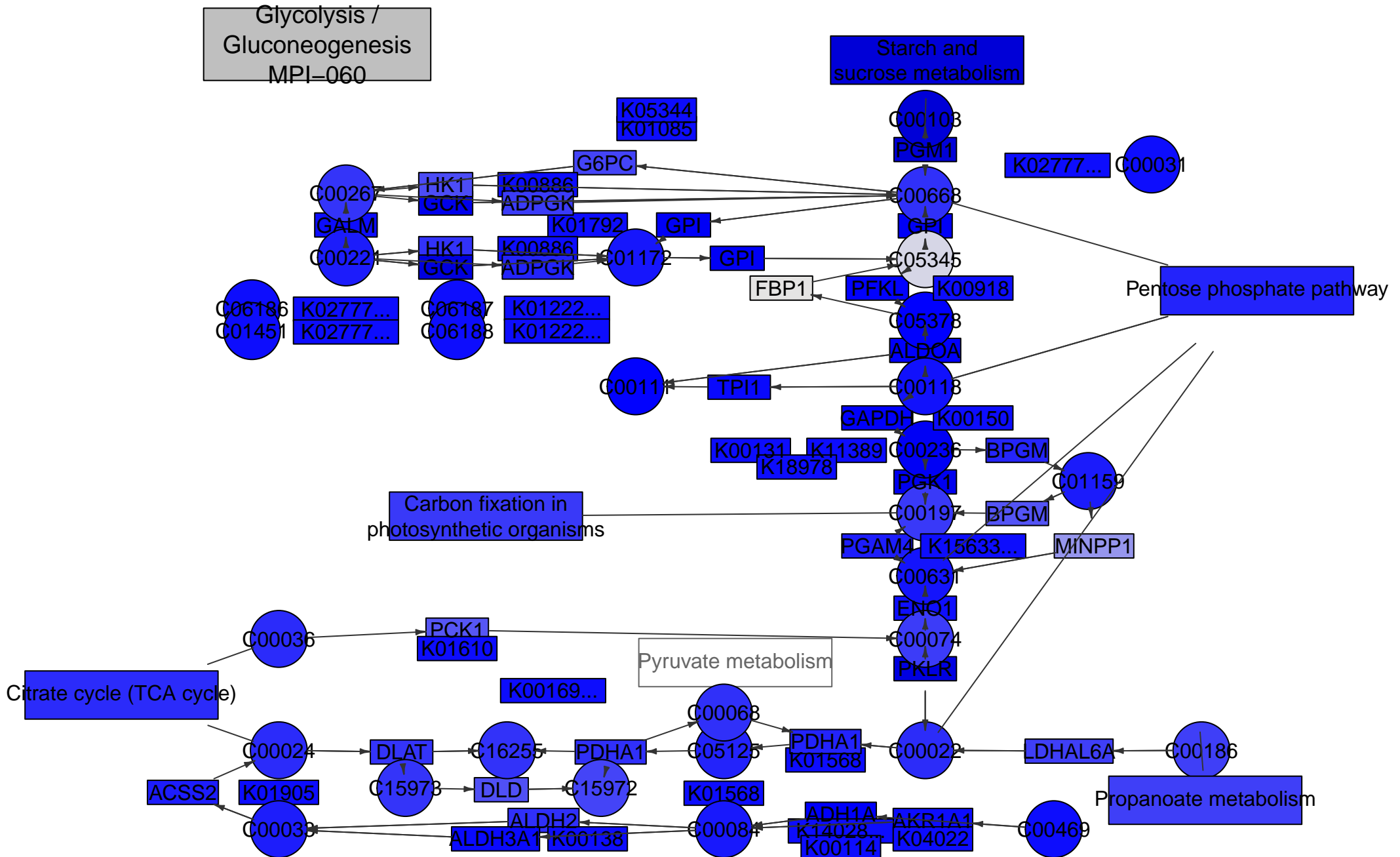




Glycolysis /  
Gluconeogenesis  
MPI-059

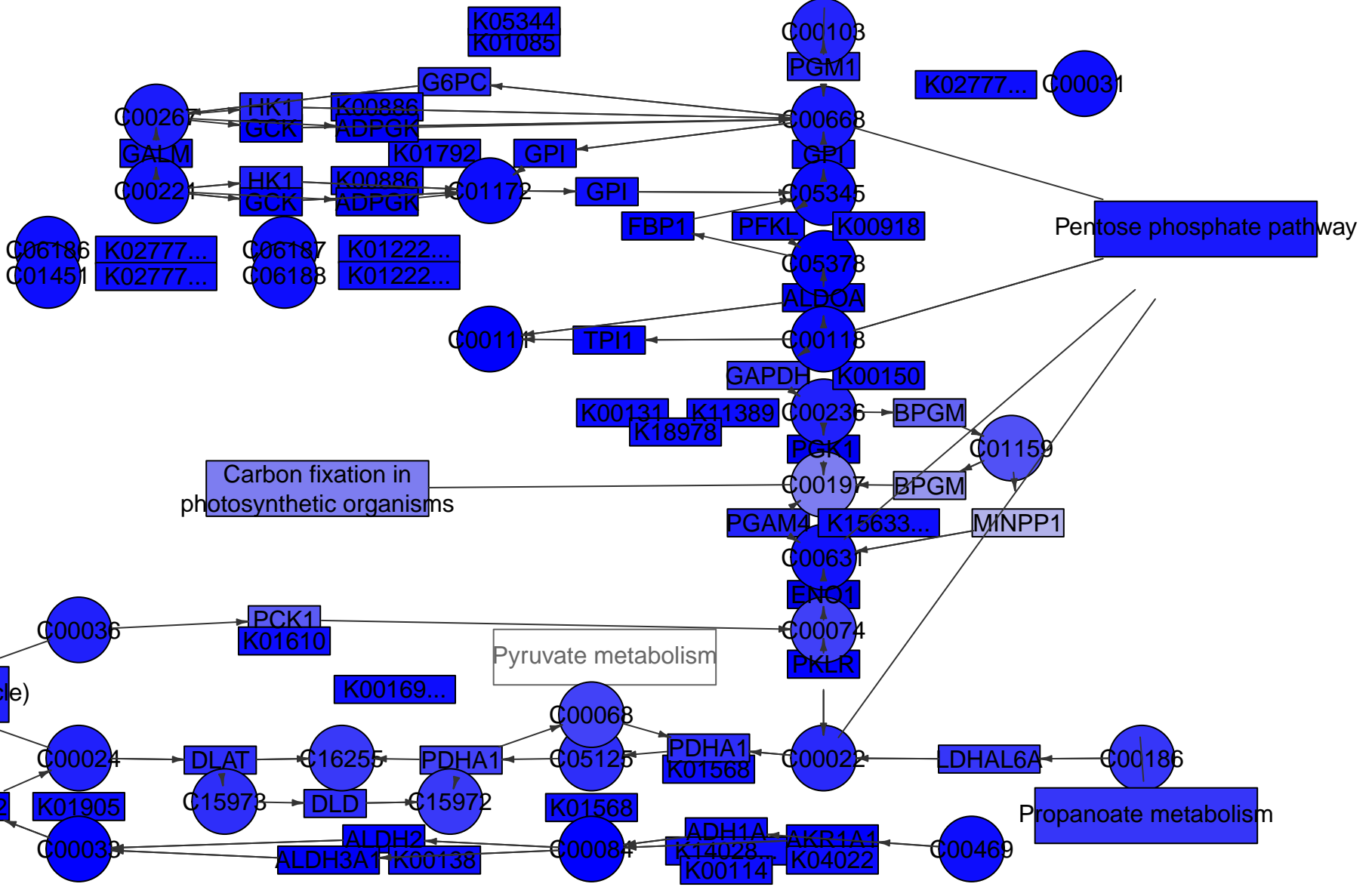
Starch and  
sucrose metabolism





Glycolysis /  
Gluconeogenesis  
MPI-061

Starch and  
sucrose metabolism



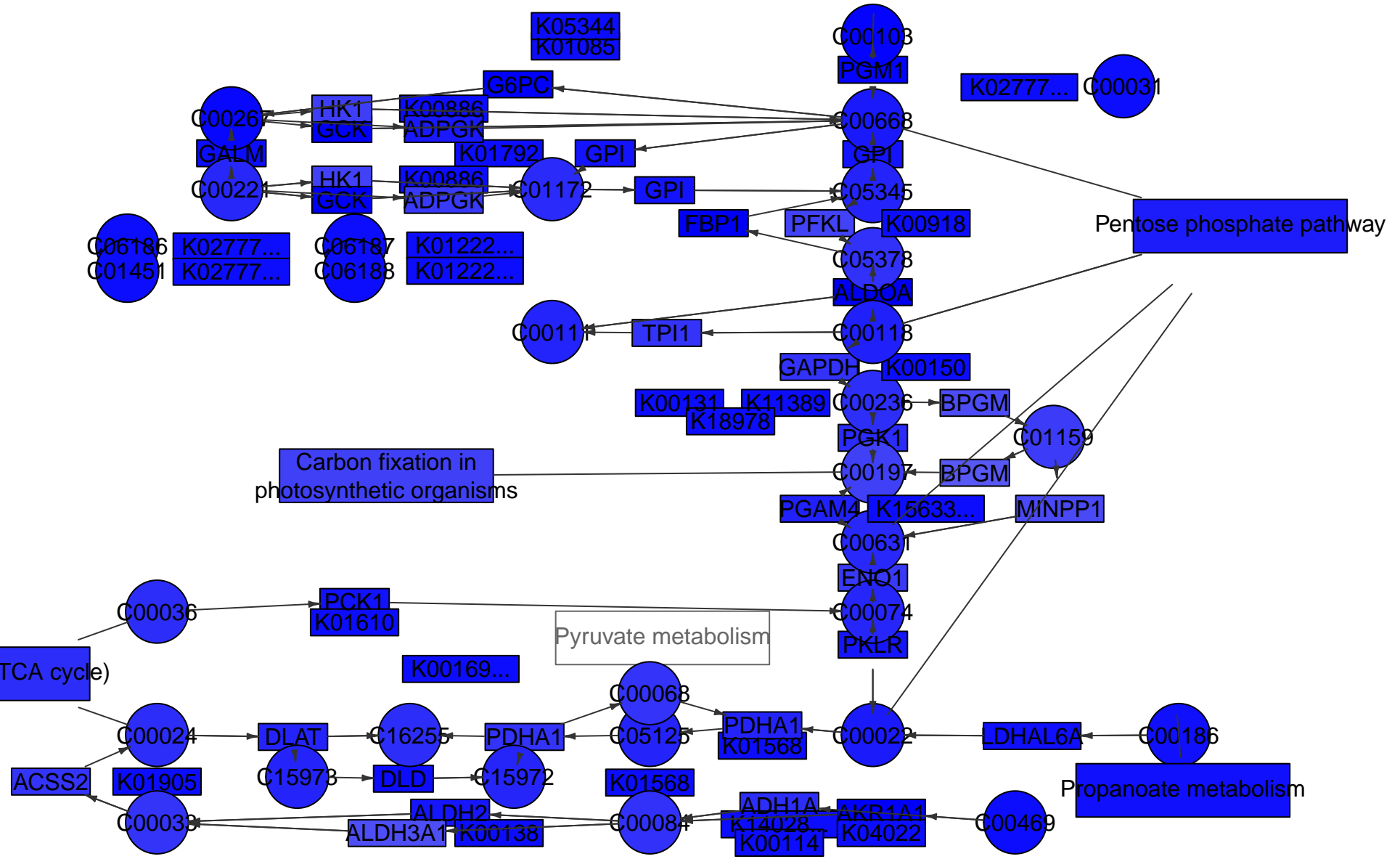


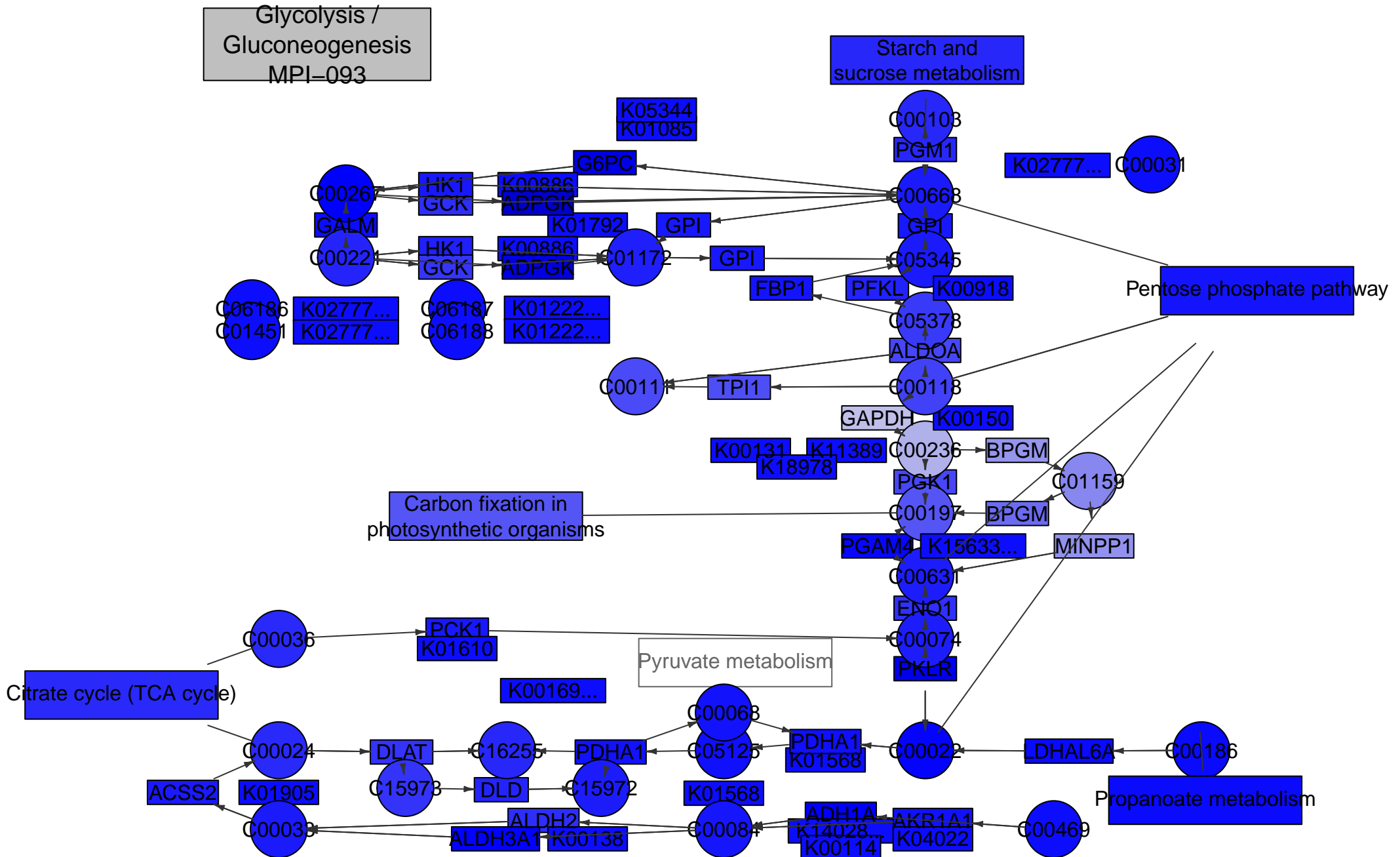


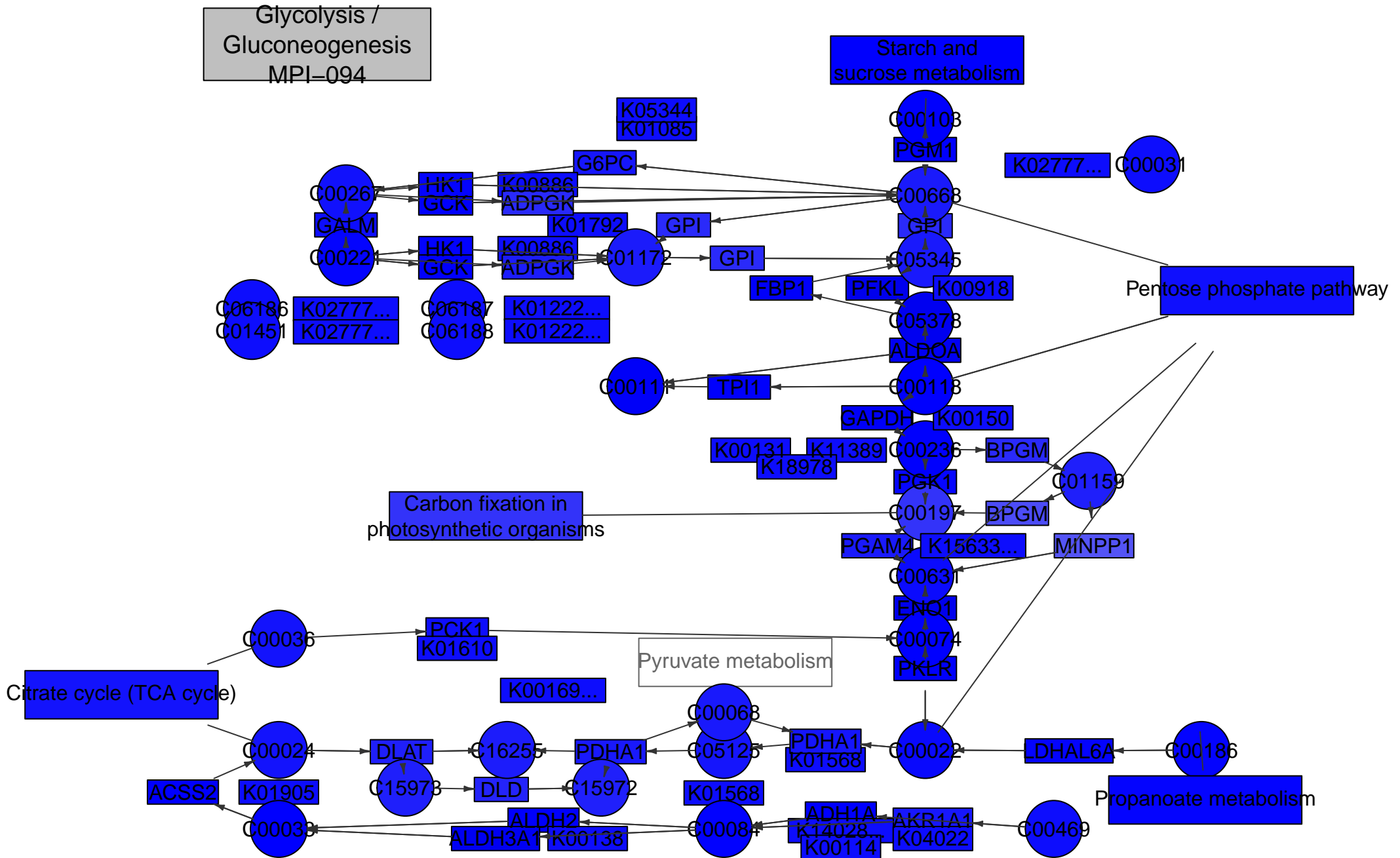


Glycolysis /  
Gluconeogenesis  
MPI-072

Starch and  
sucrose metabolism



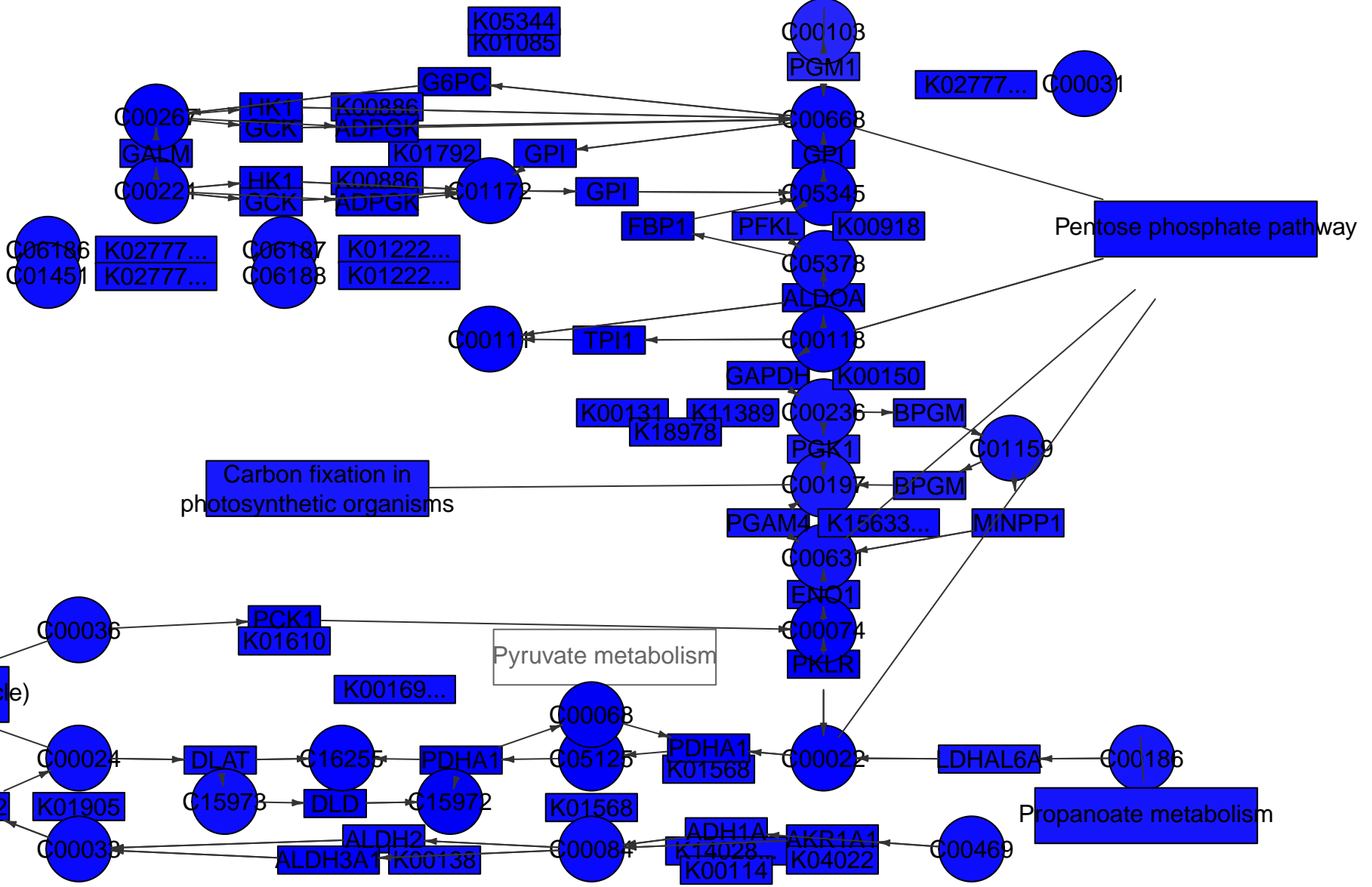






Glycolysis /  
Gluconeogenesis  
MPI-104

Starch and  
sucrose metabolism



Carbon fixation in  
photosynthetic organisms

Pyruvate metabolism

Citrate cycle (TCA cycle)

Propanoate metabolism

Pentose phosphate pathway



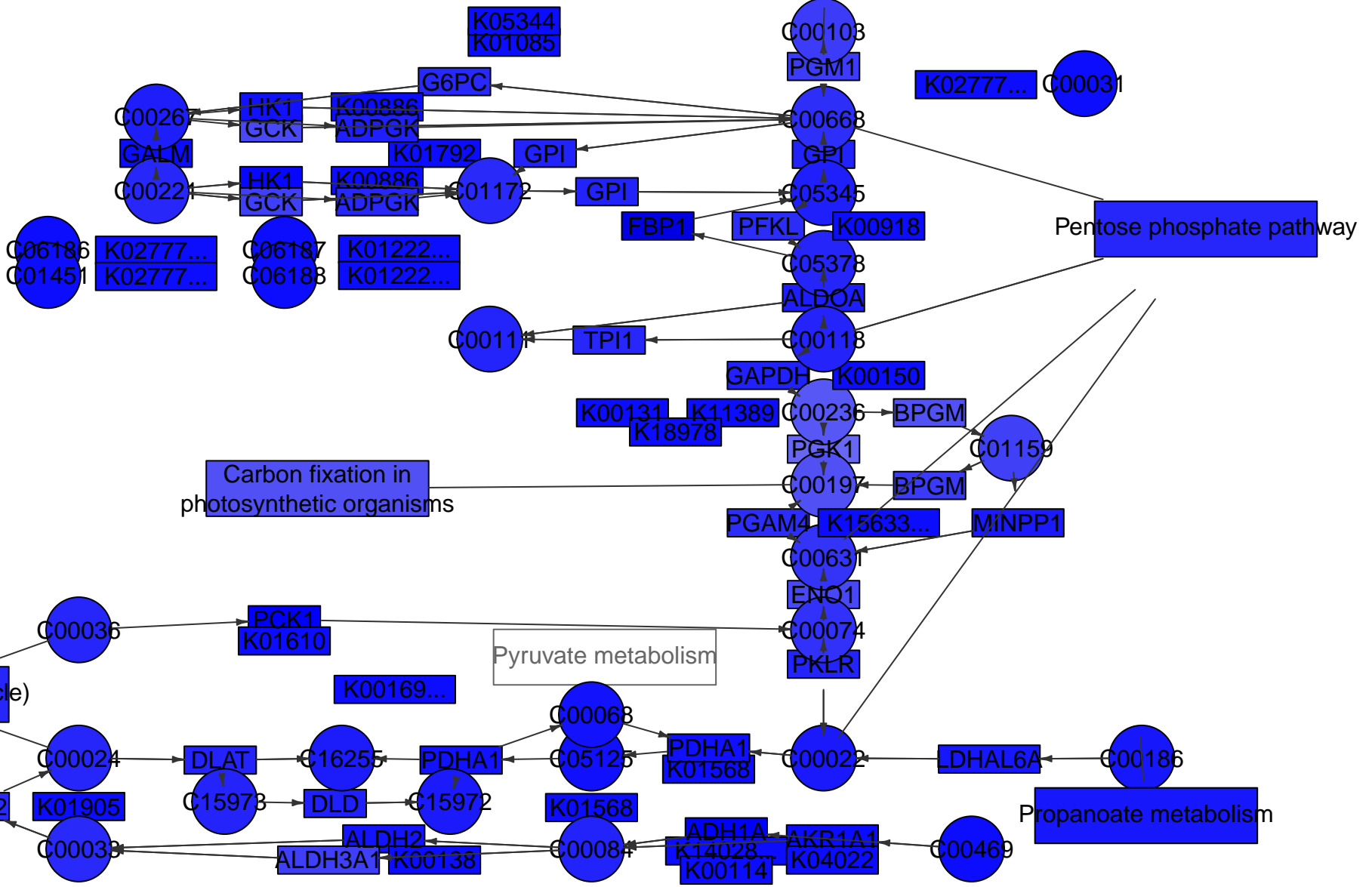






Glycolysis /  
Gluconeogenesis  
MPI-117

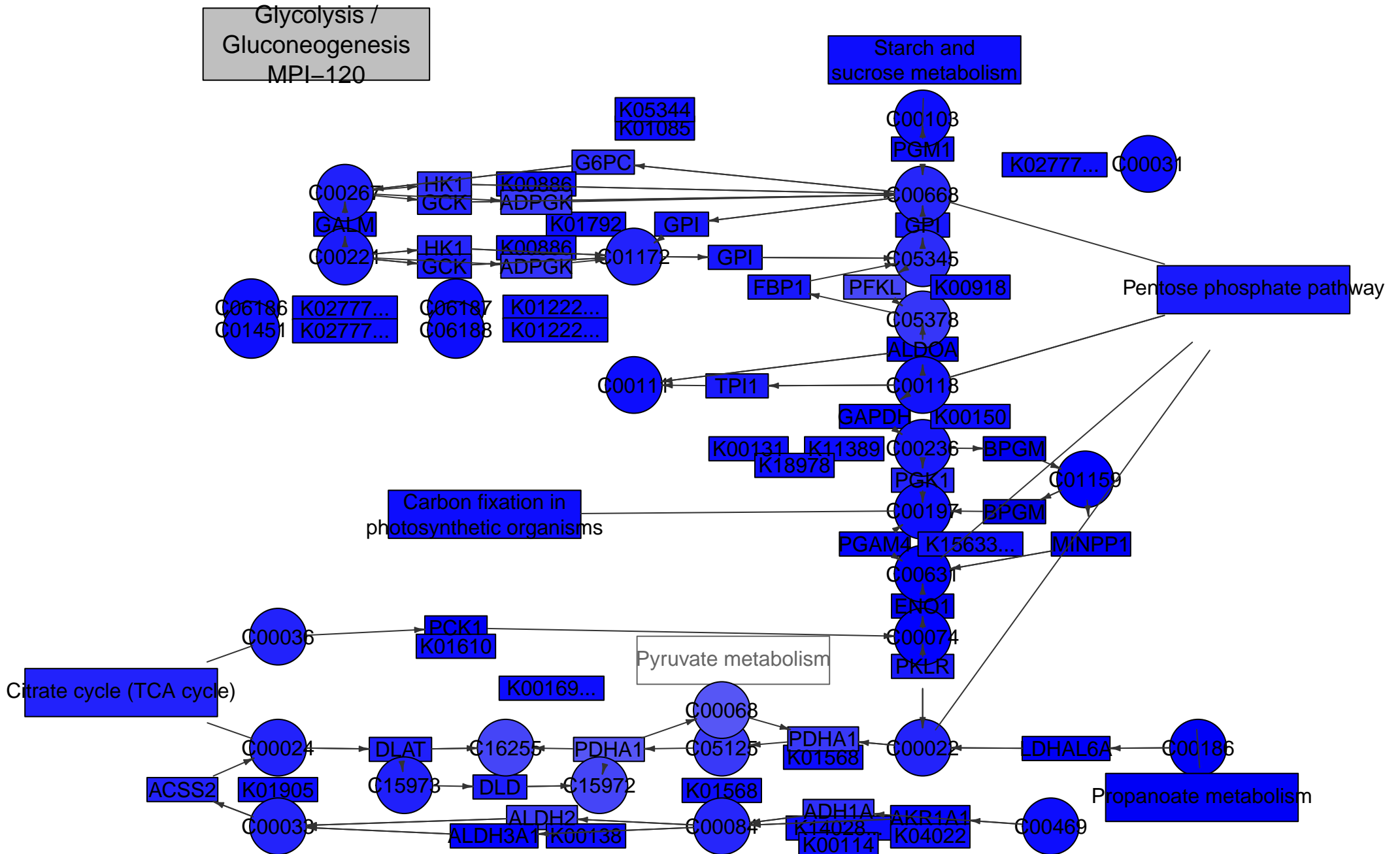
Starch and  
sucrose metabolism

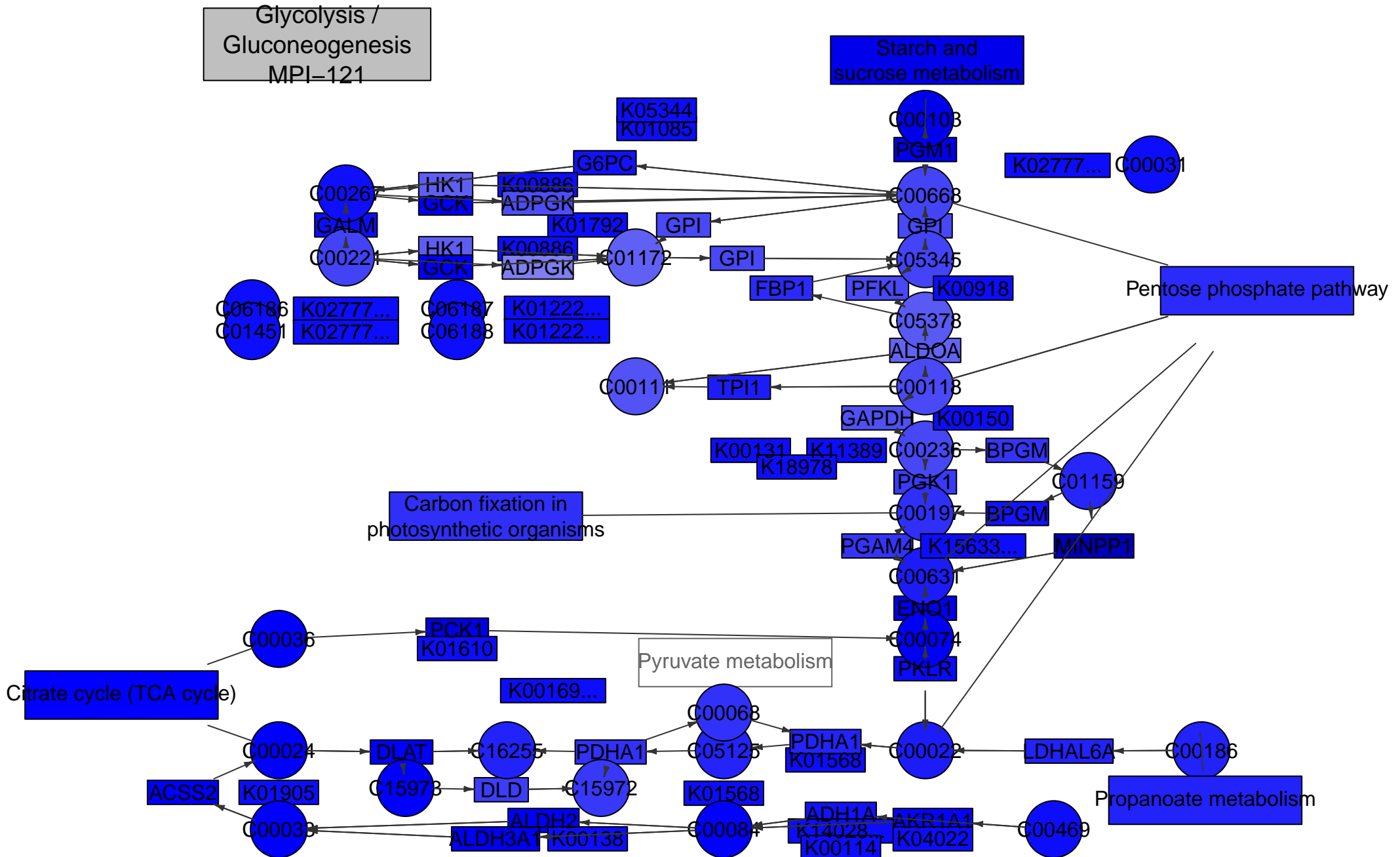


Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

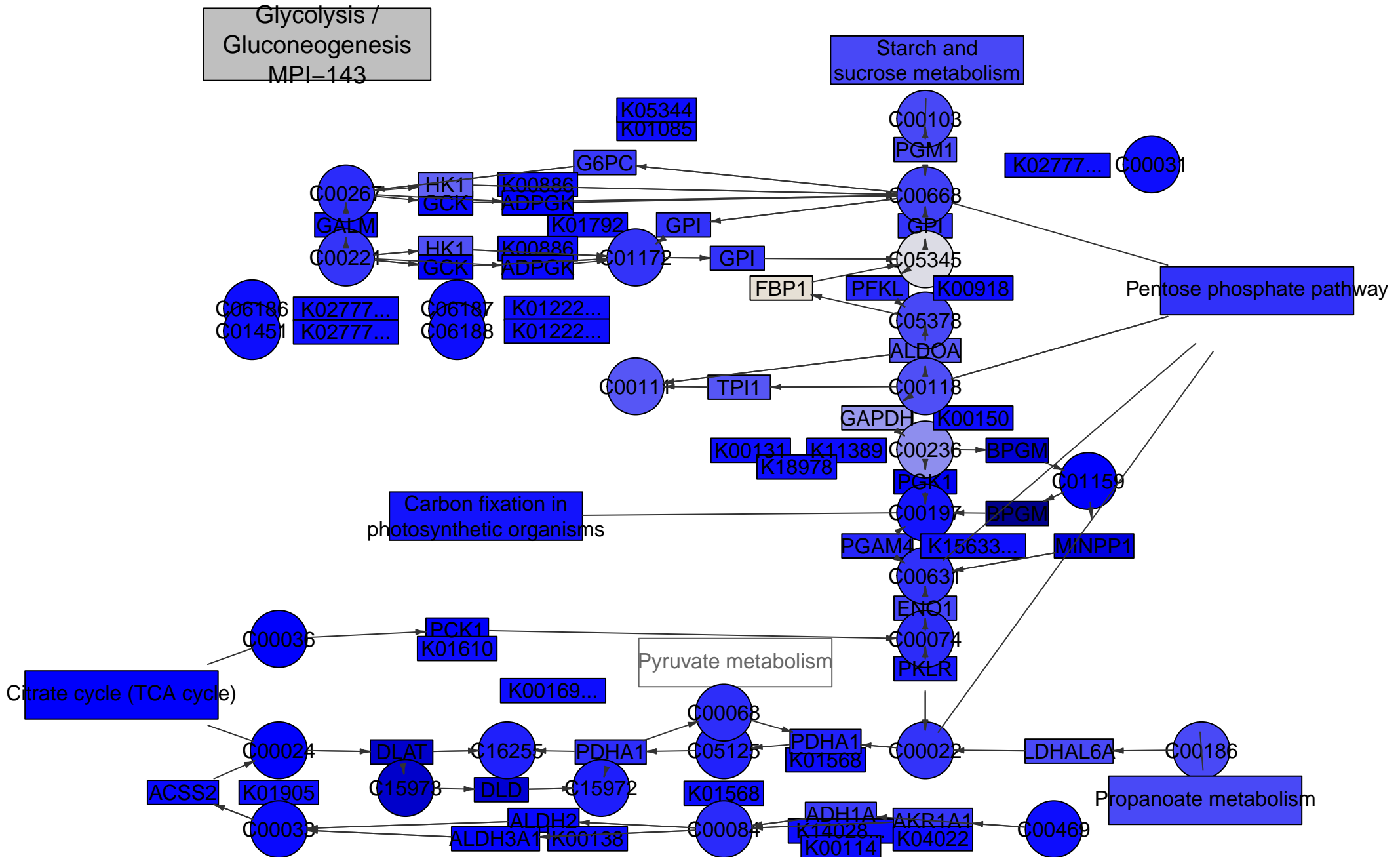












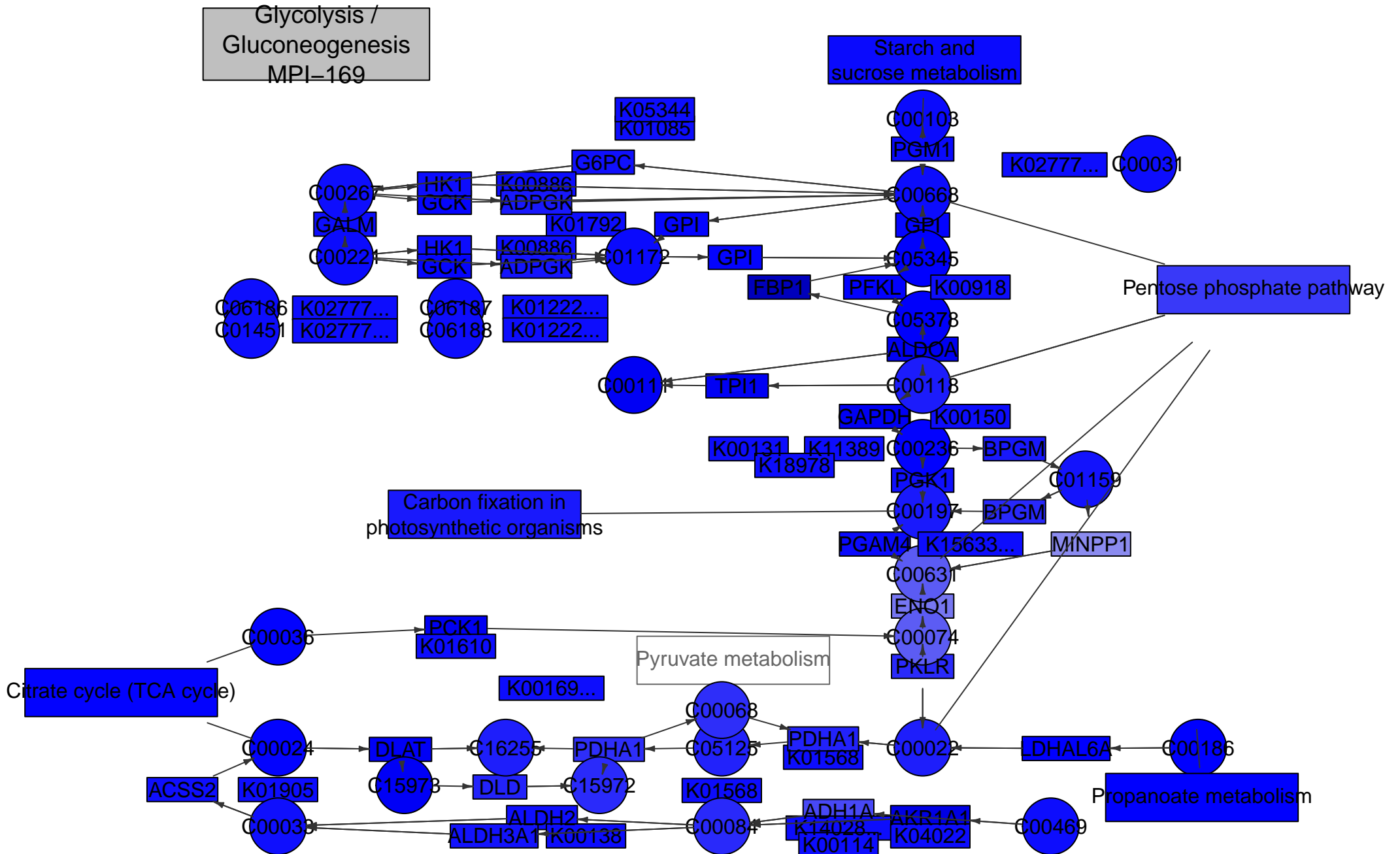


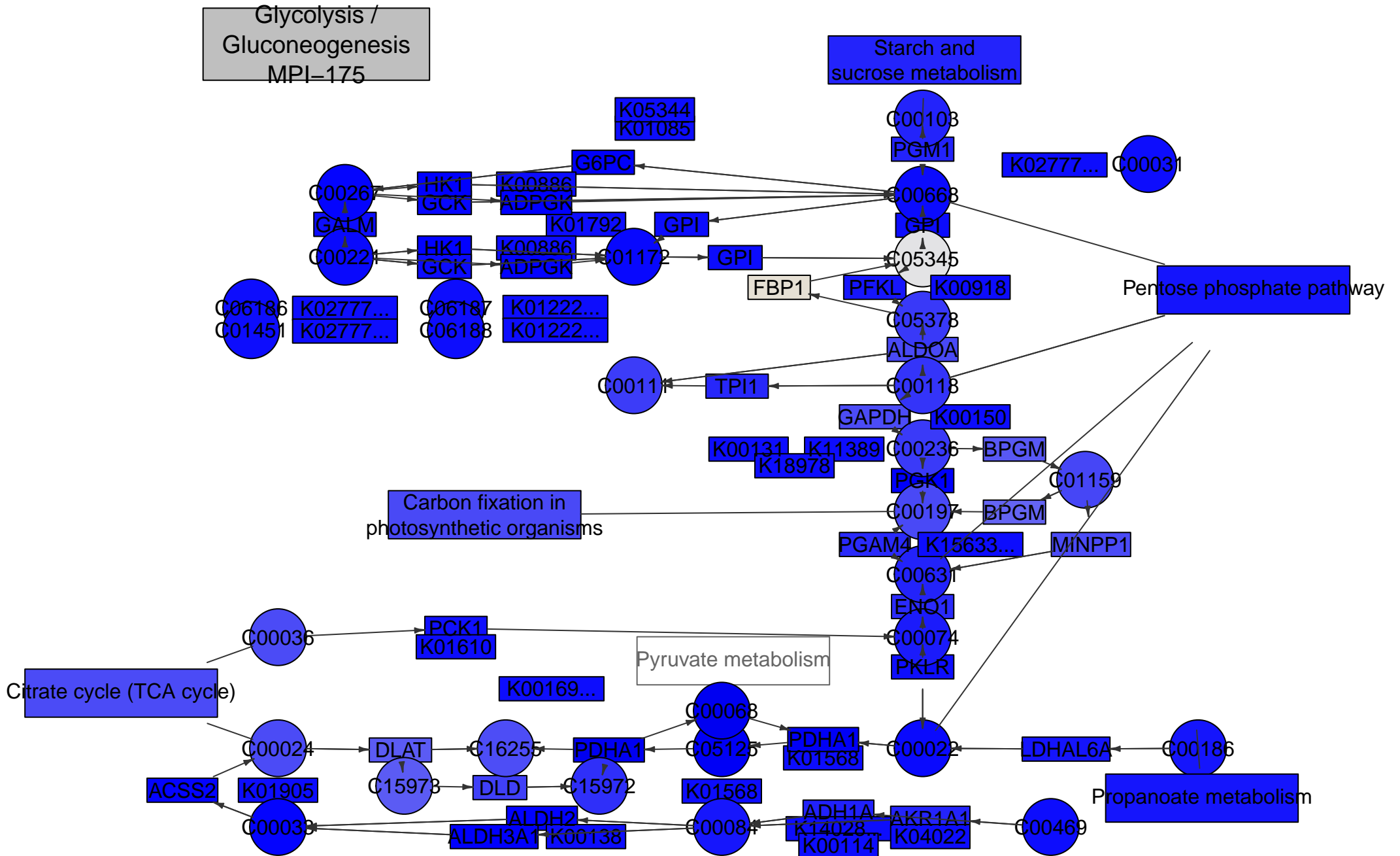






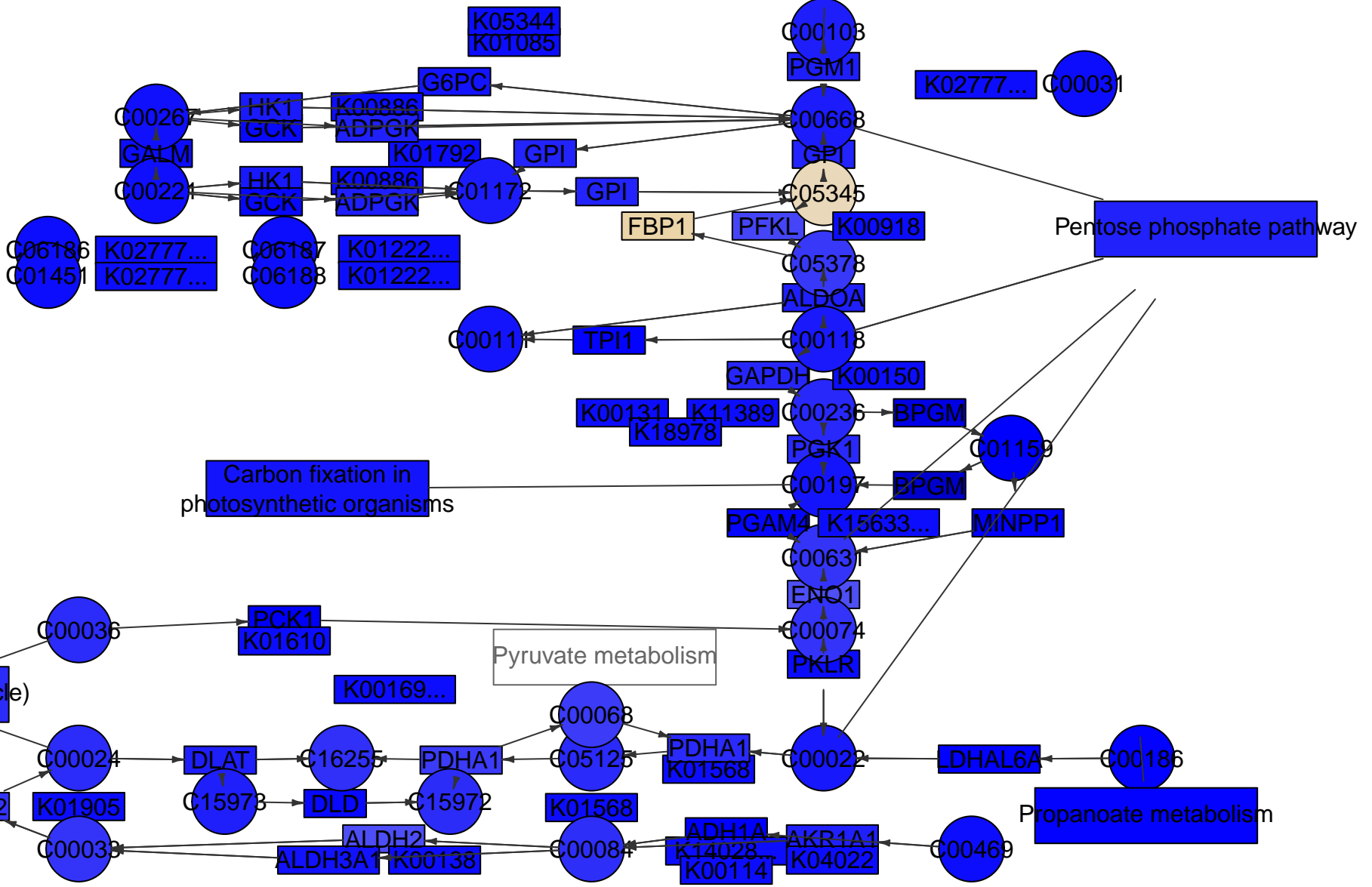






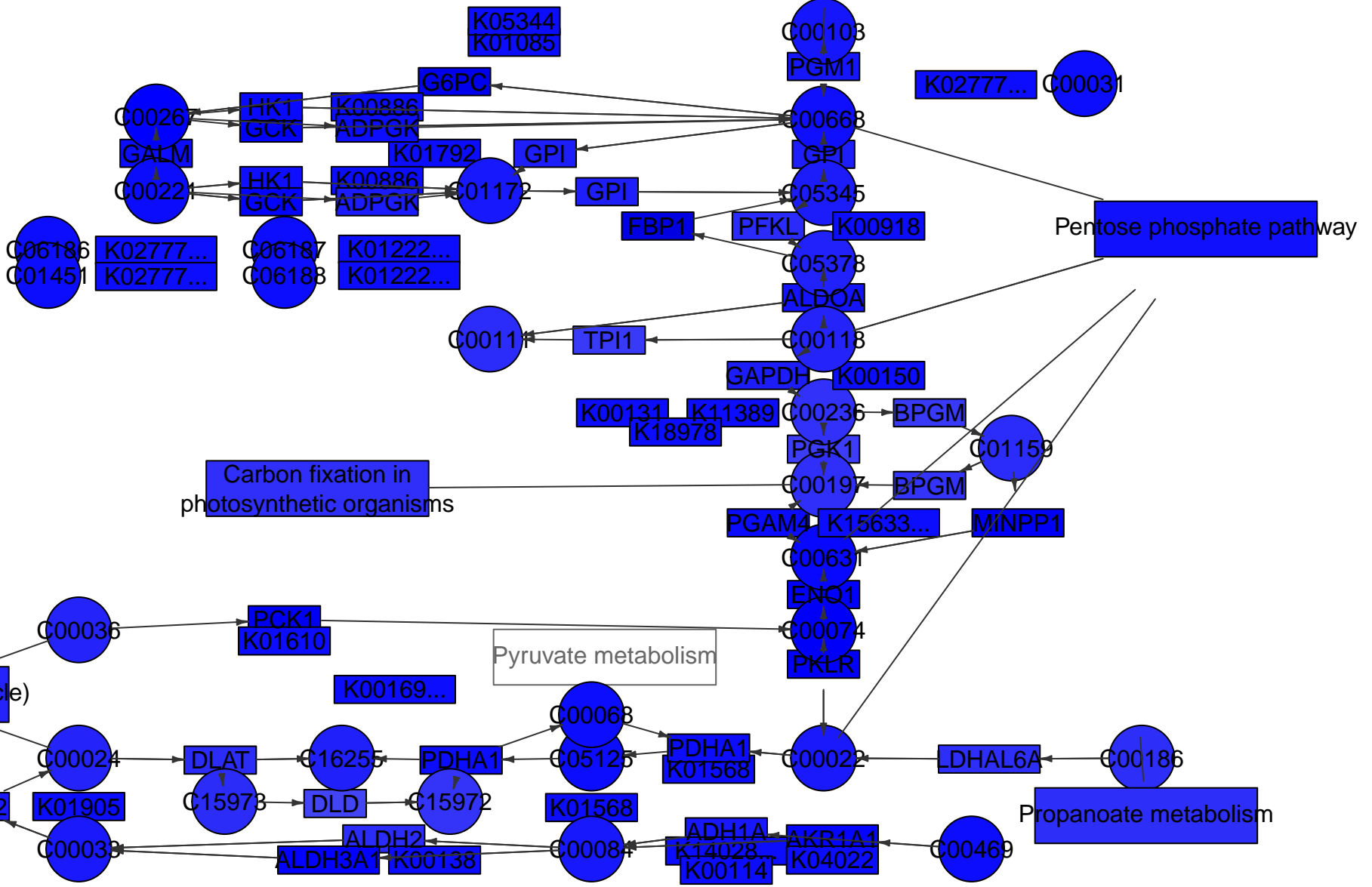
Glycolysis /  
Gluconeogenesis  
MPI-187

Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-193

Starch and  
sucrose metabolism



Citrate cycle (TCA cycle)

Pyruvate metabolism

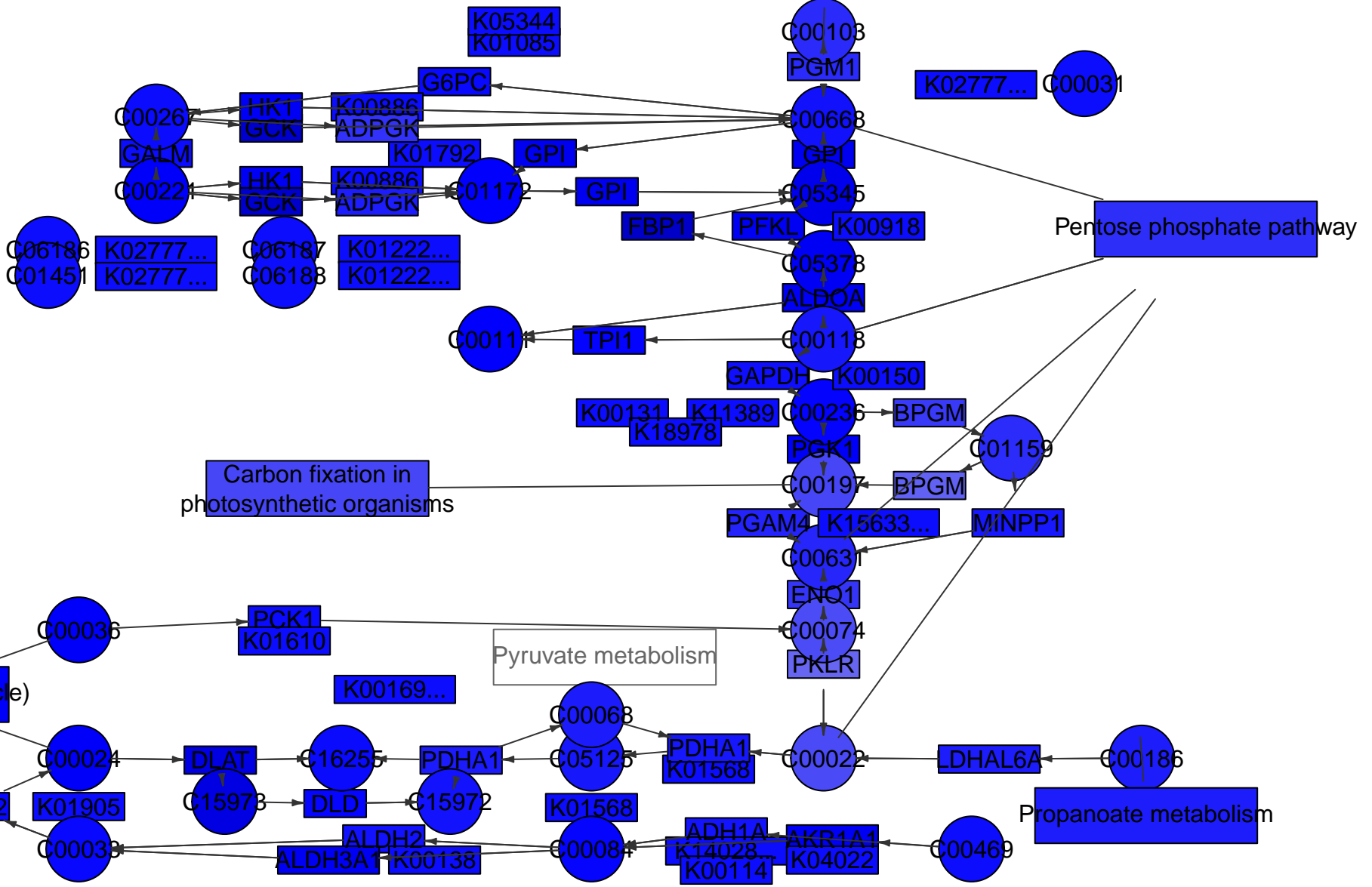
Propanoate metabolism





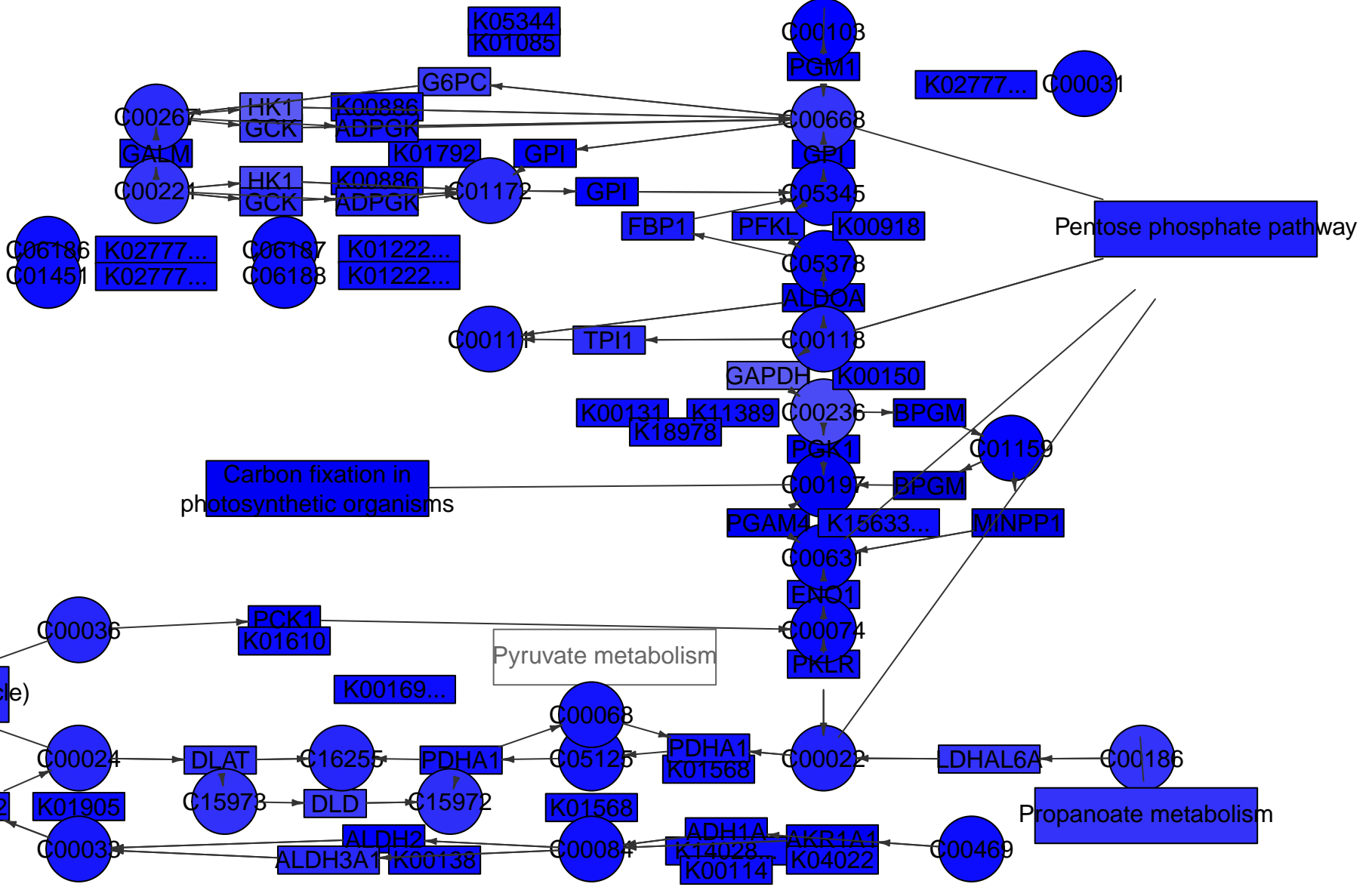
Glycolysis /  
Gluconeogenesis  
MPI-222

Starch and  
sucrose metabolism

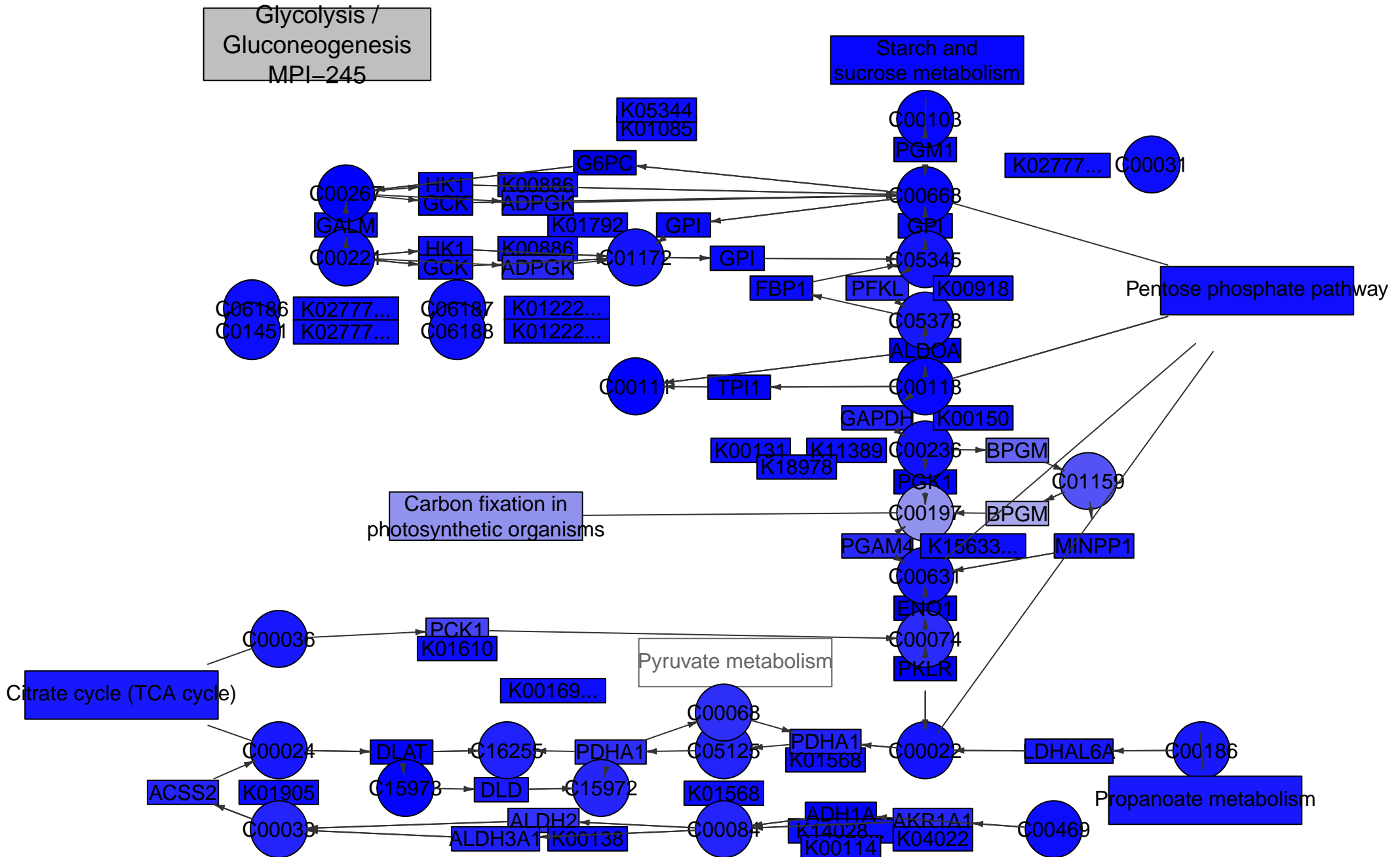


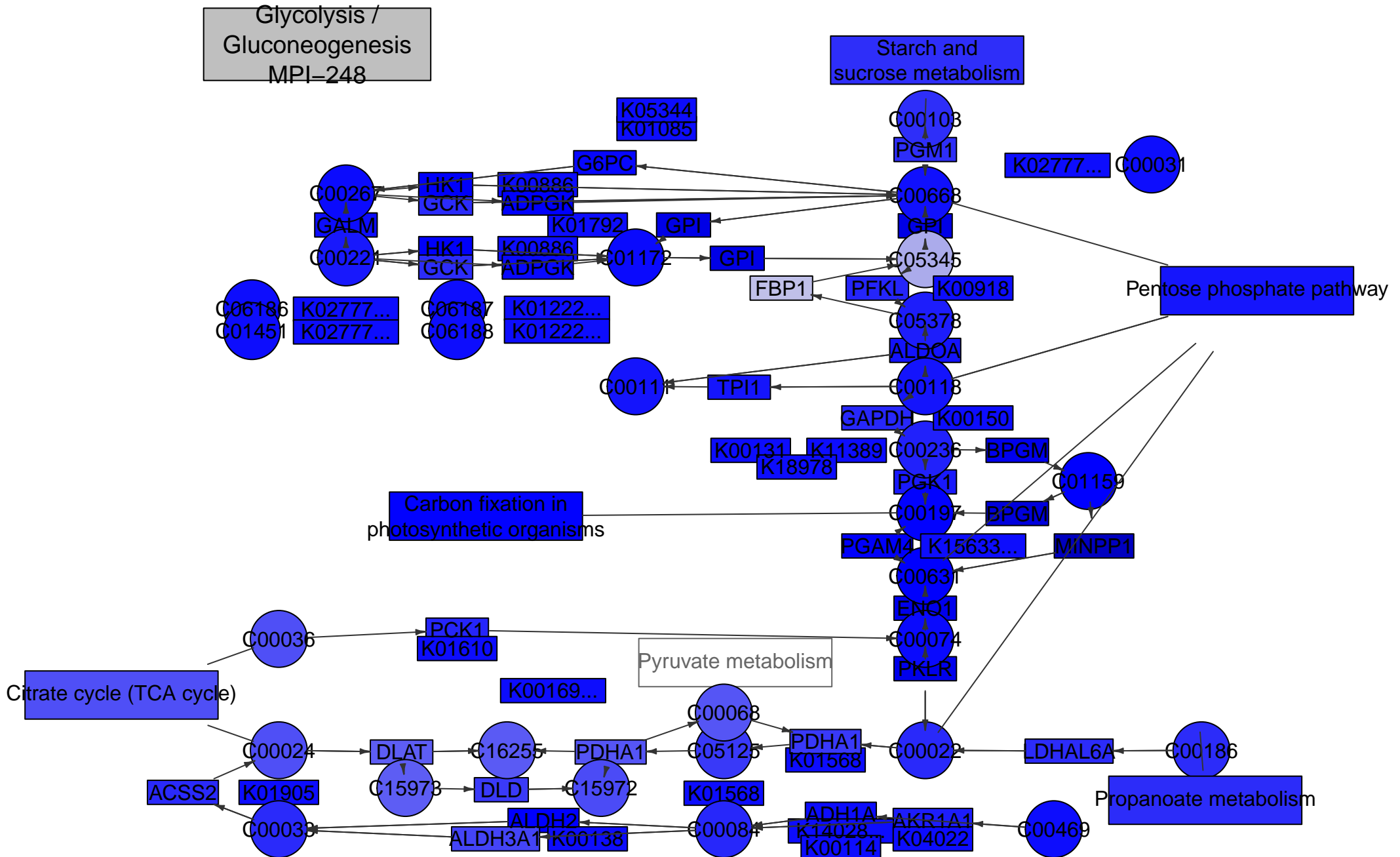
Glycolysis /  
Gluconeogenesis  
MPI-225

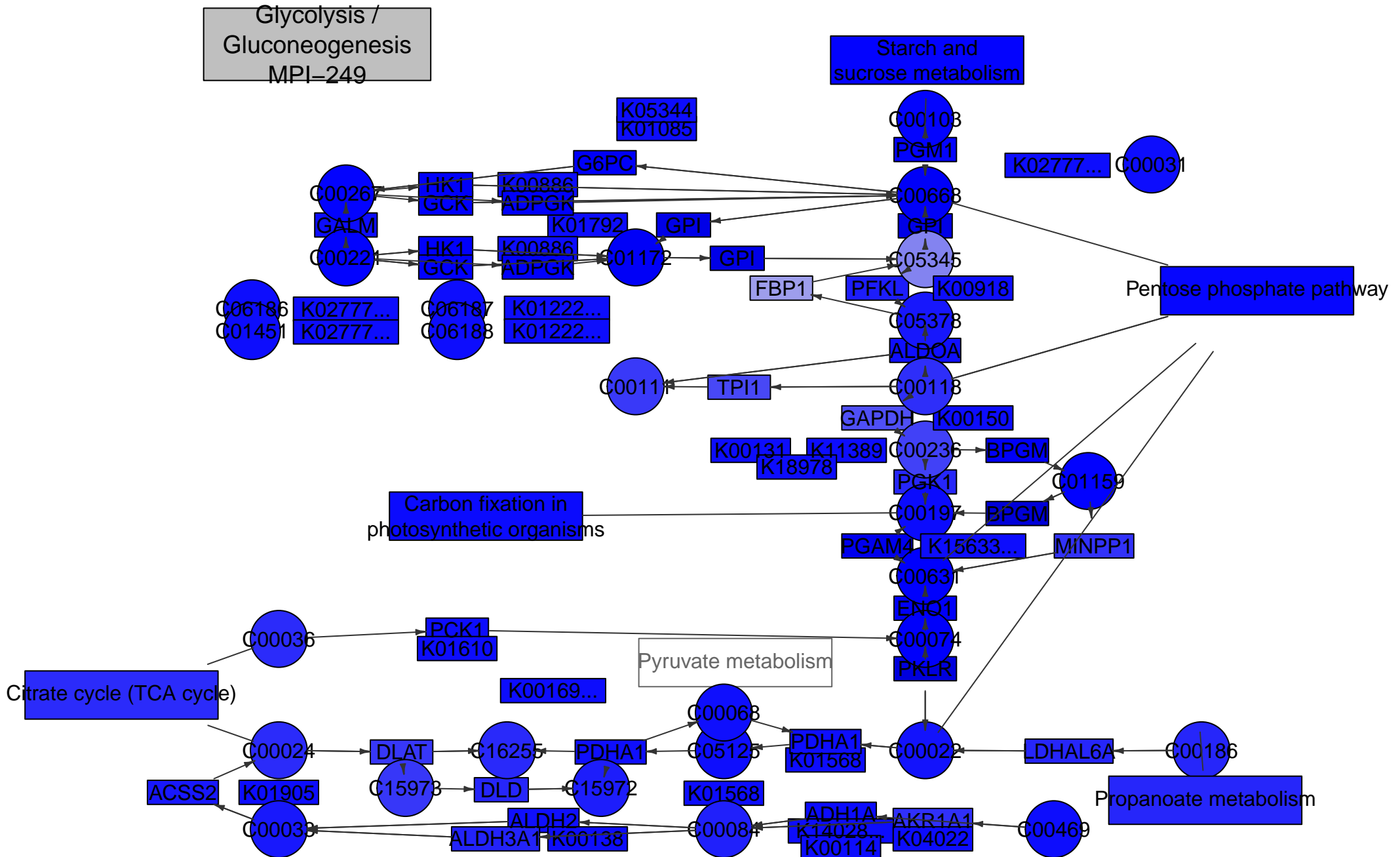
Starch and  
sucrose metabolism









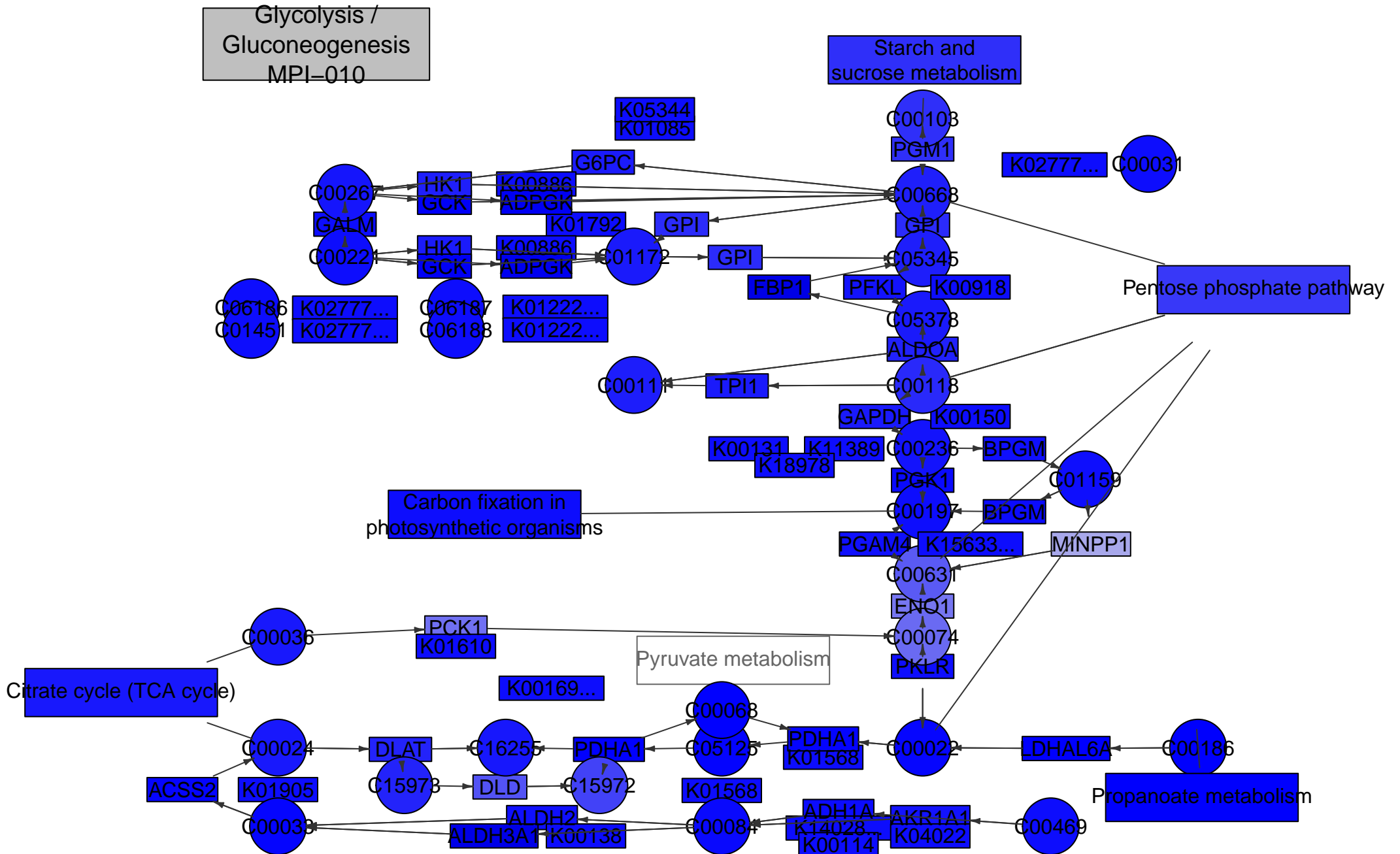


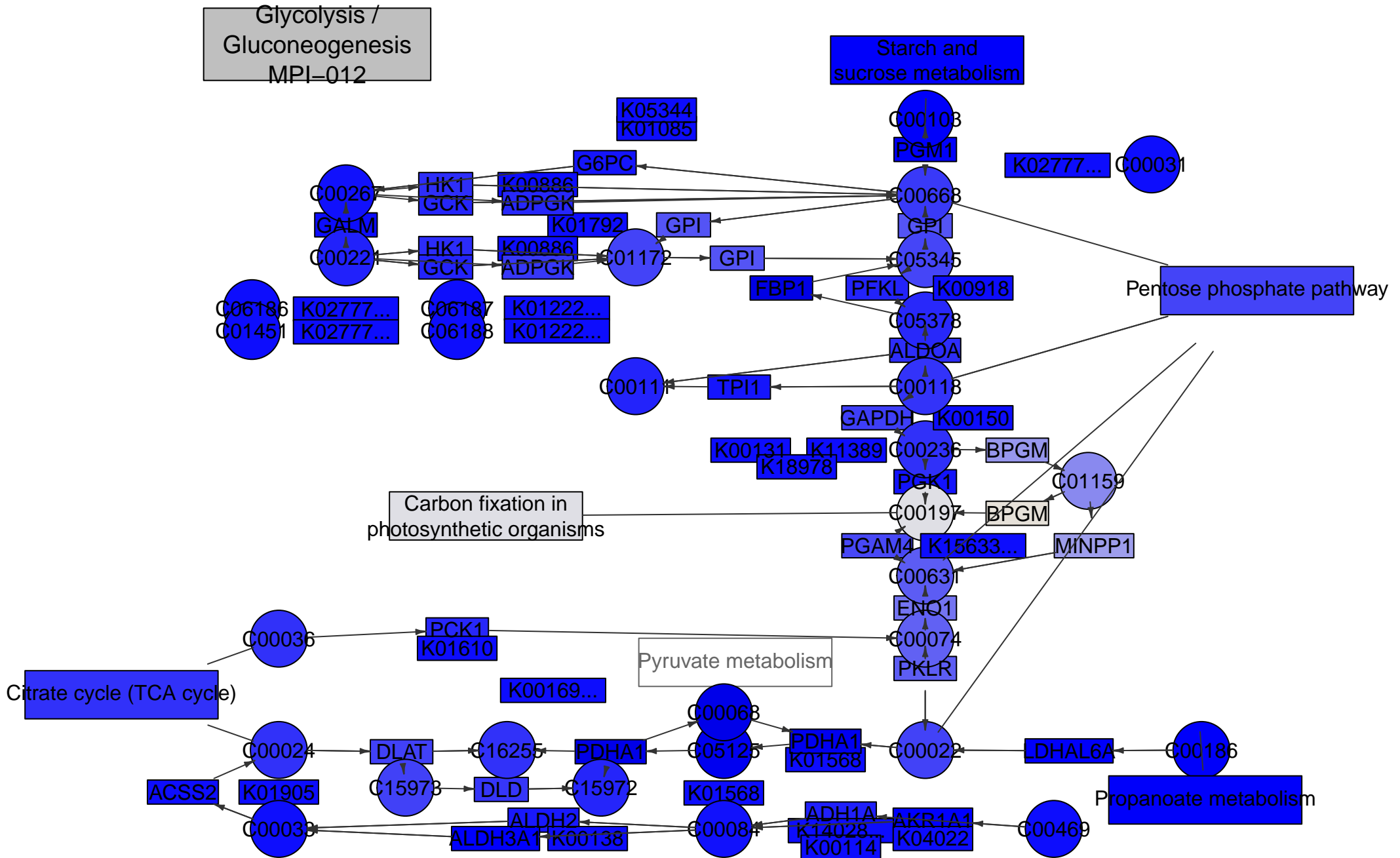




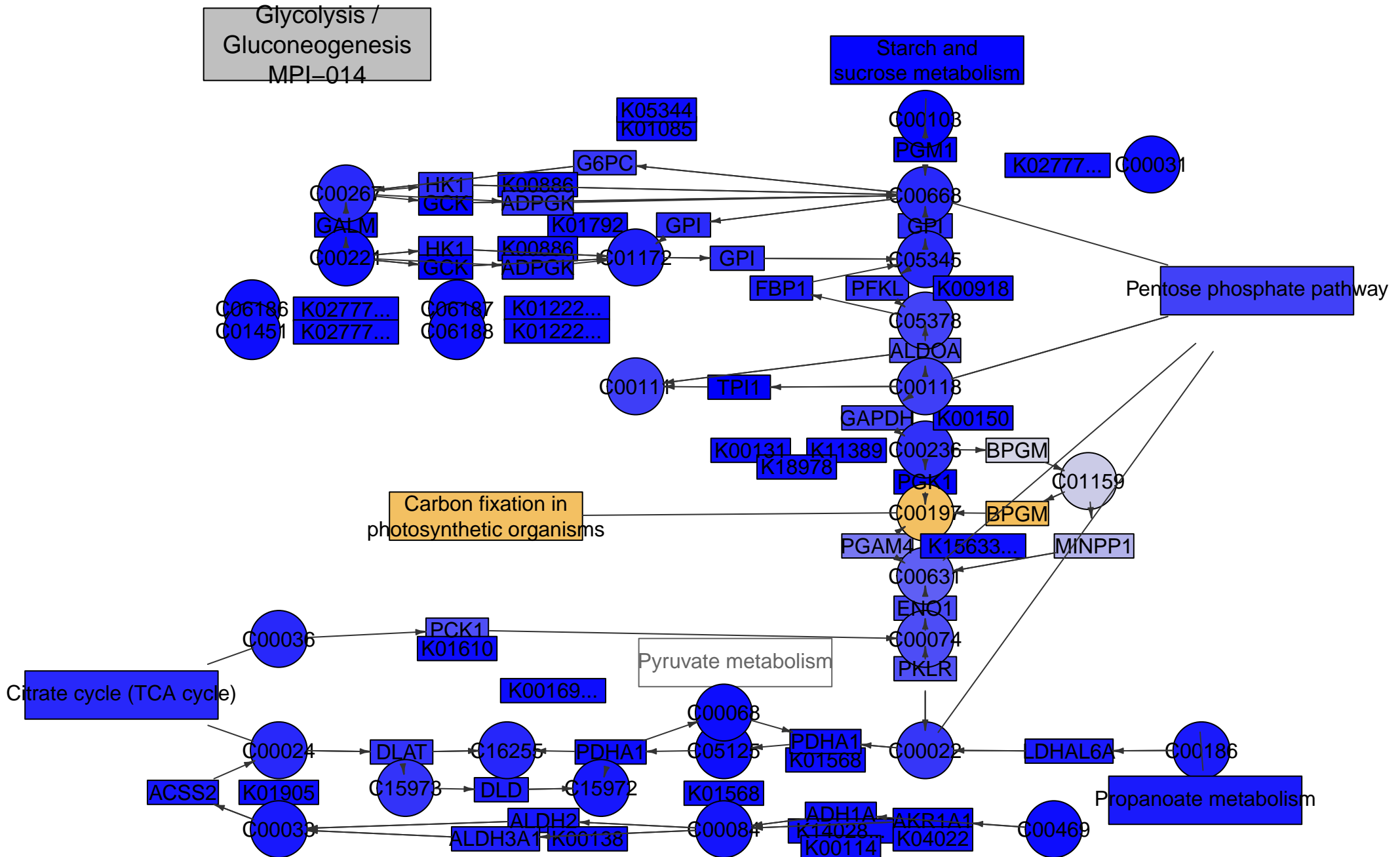






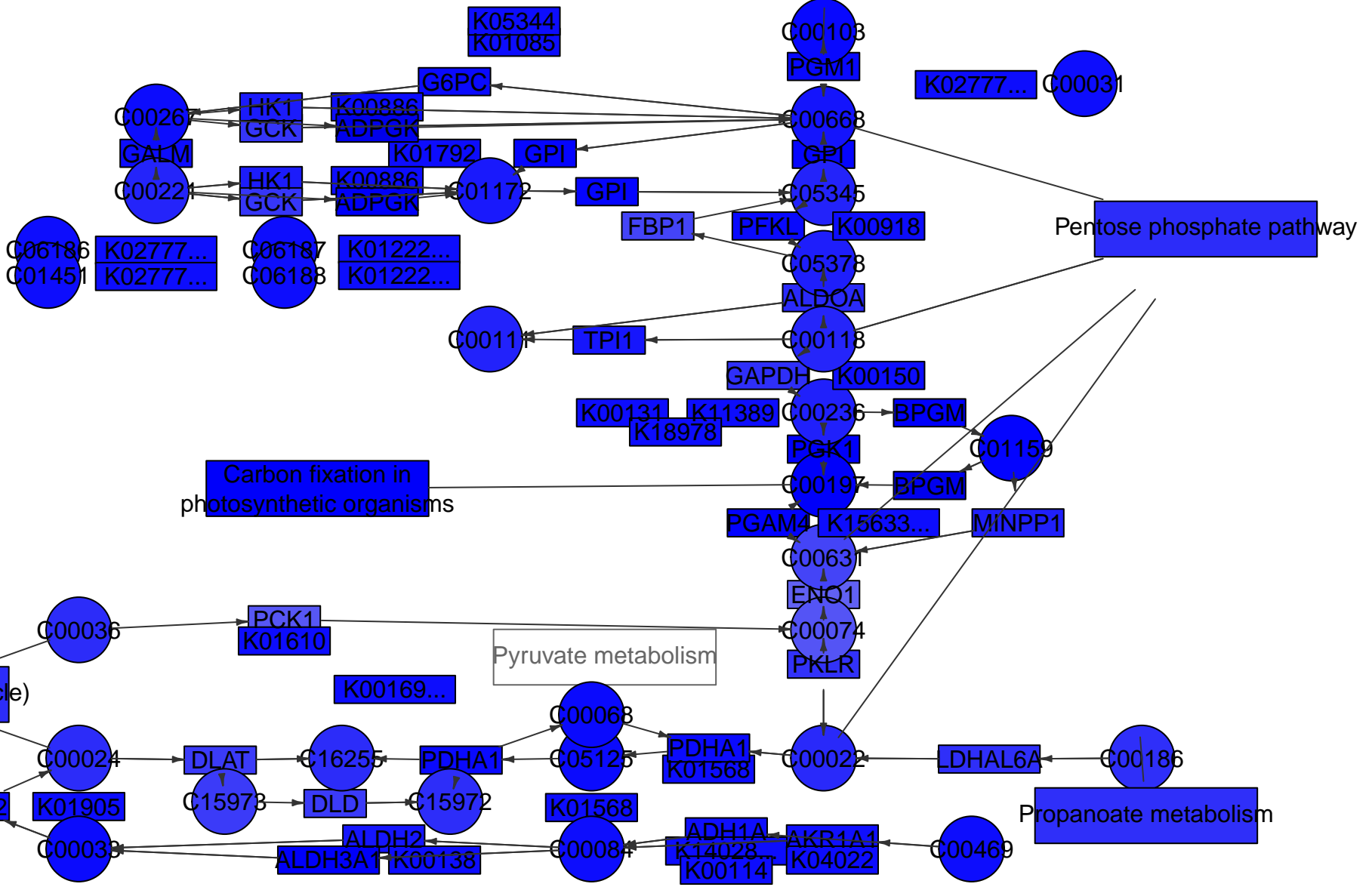






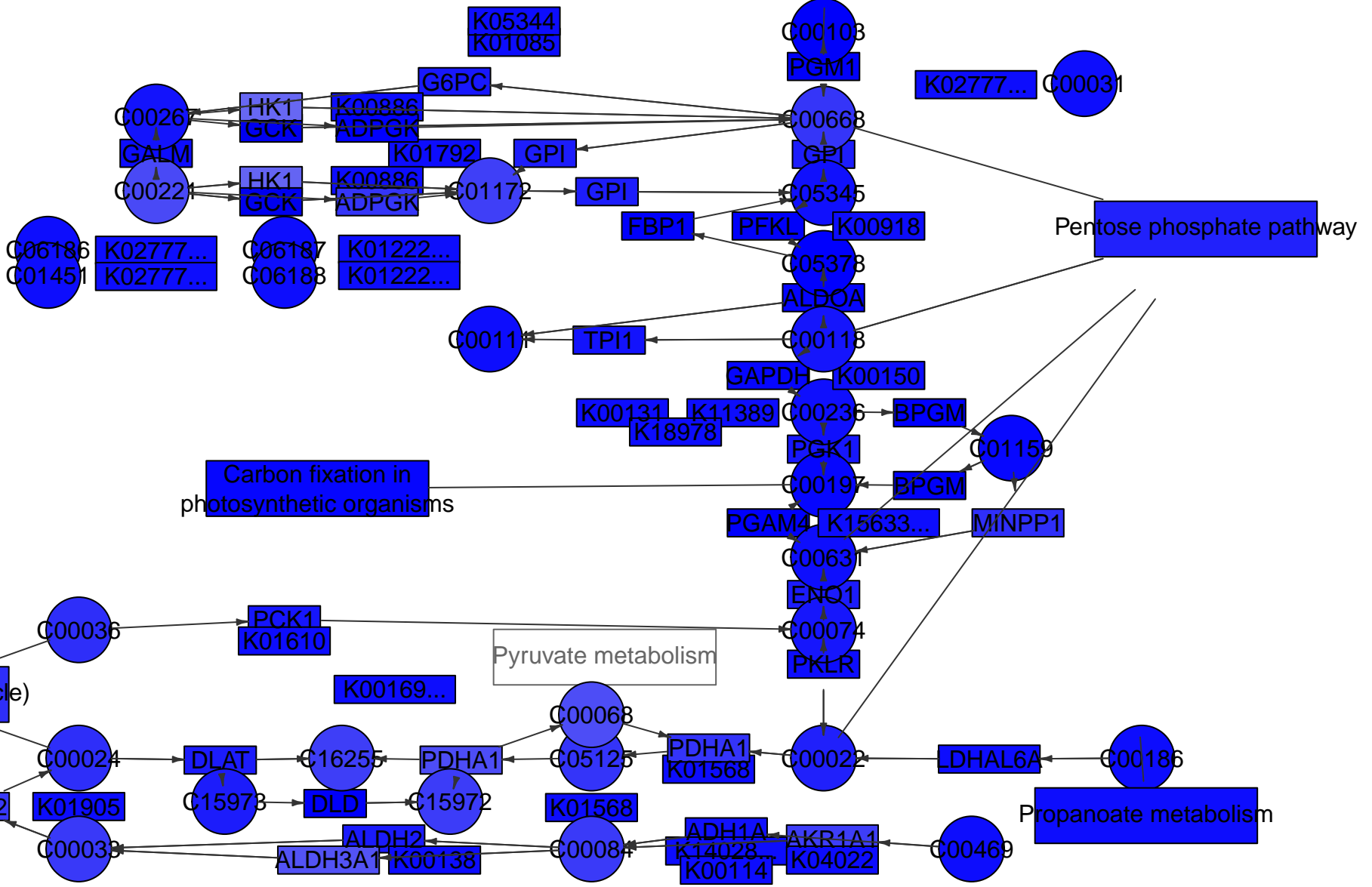
Glycolysis /  
Gluconeogenesis  
MPI-015

Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-021

Starch and  
sucrose metabolism



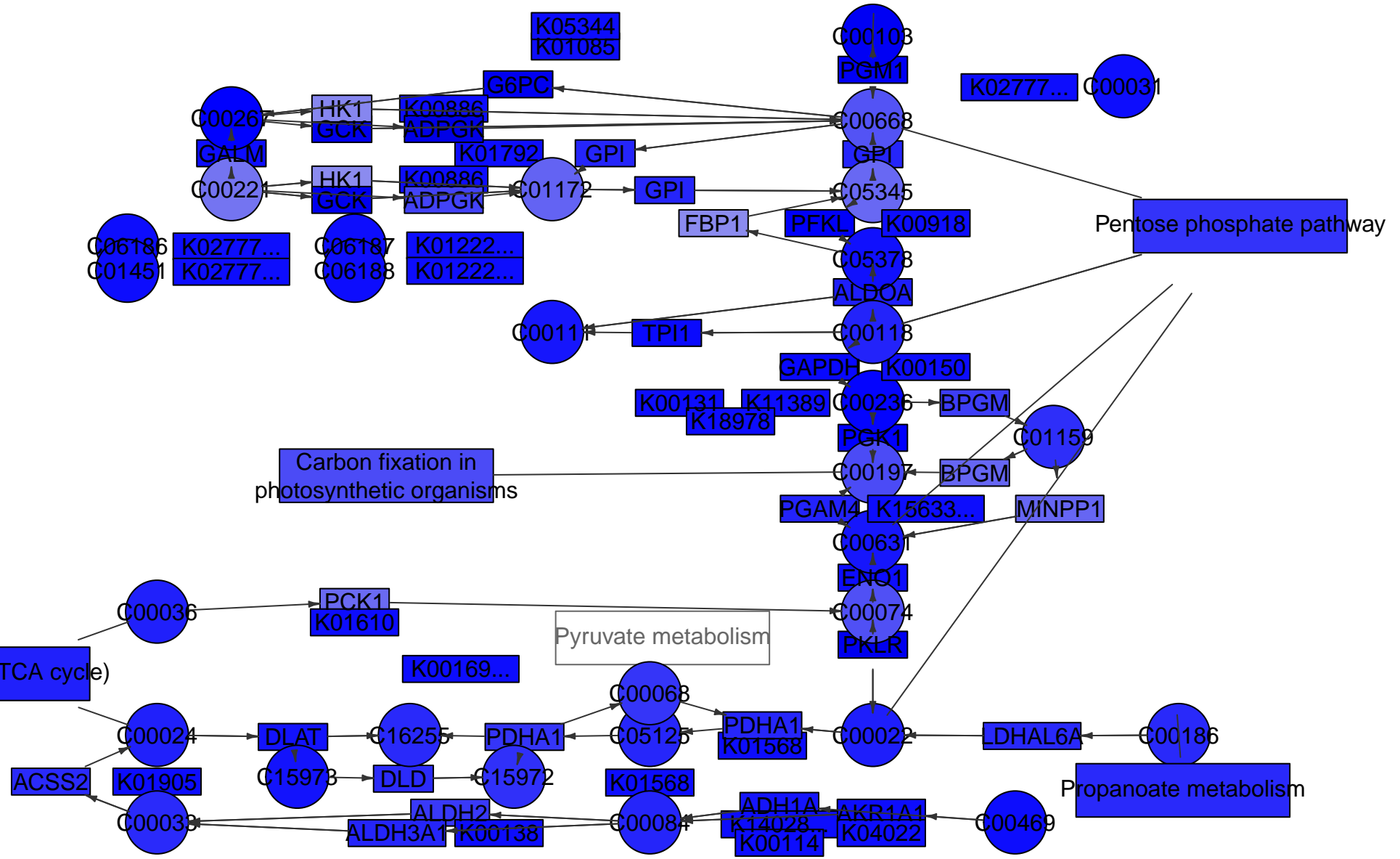






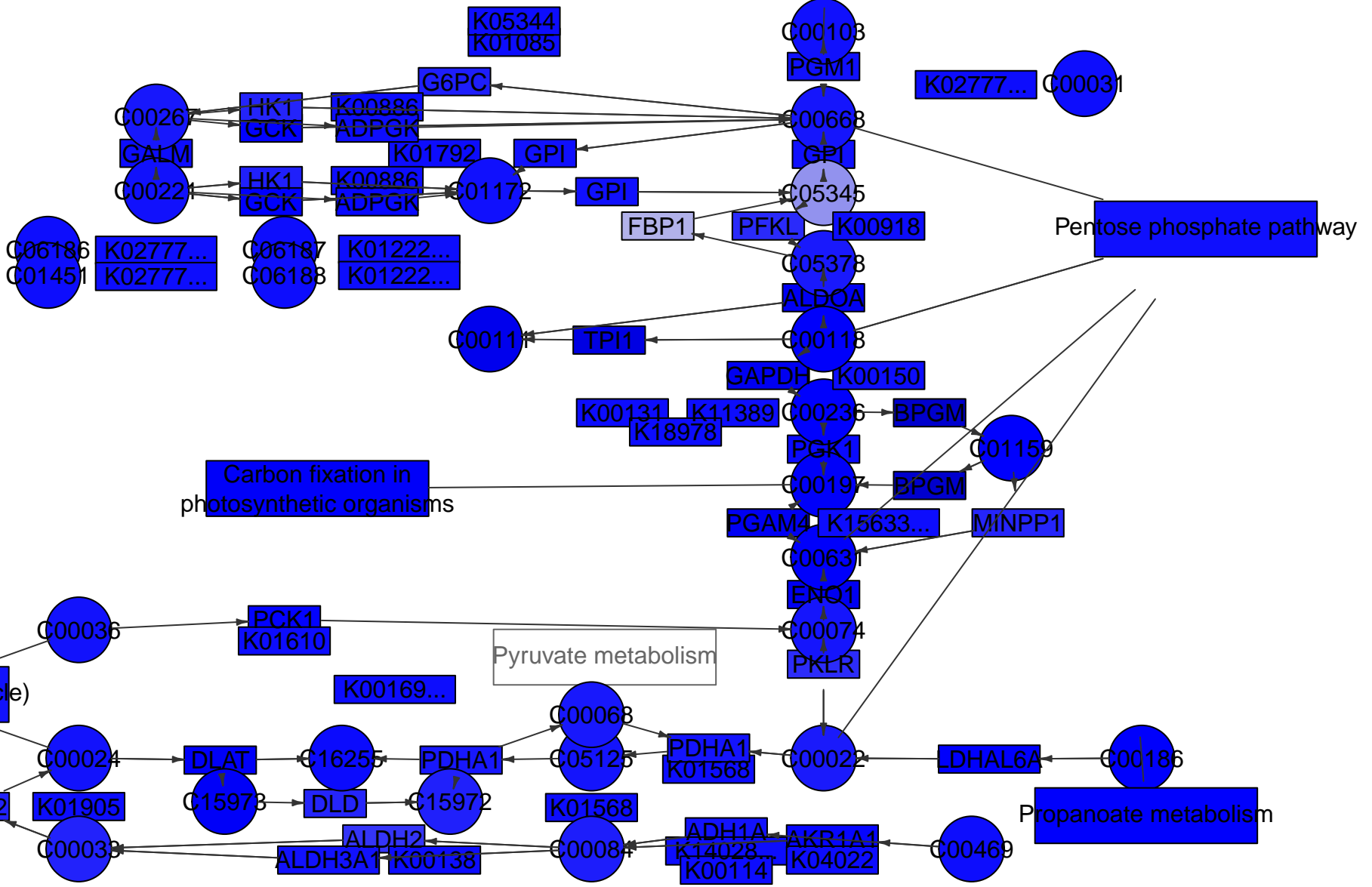
Glycolysis /  
Gluconeogenesis  
MPI-029

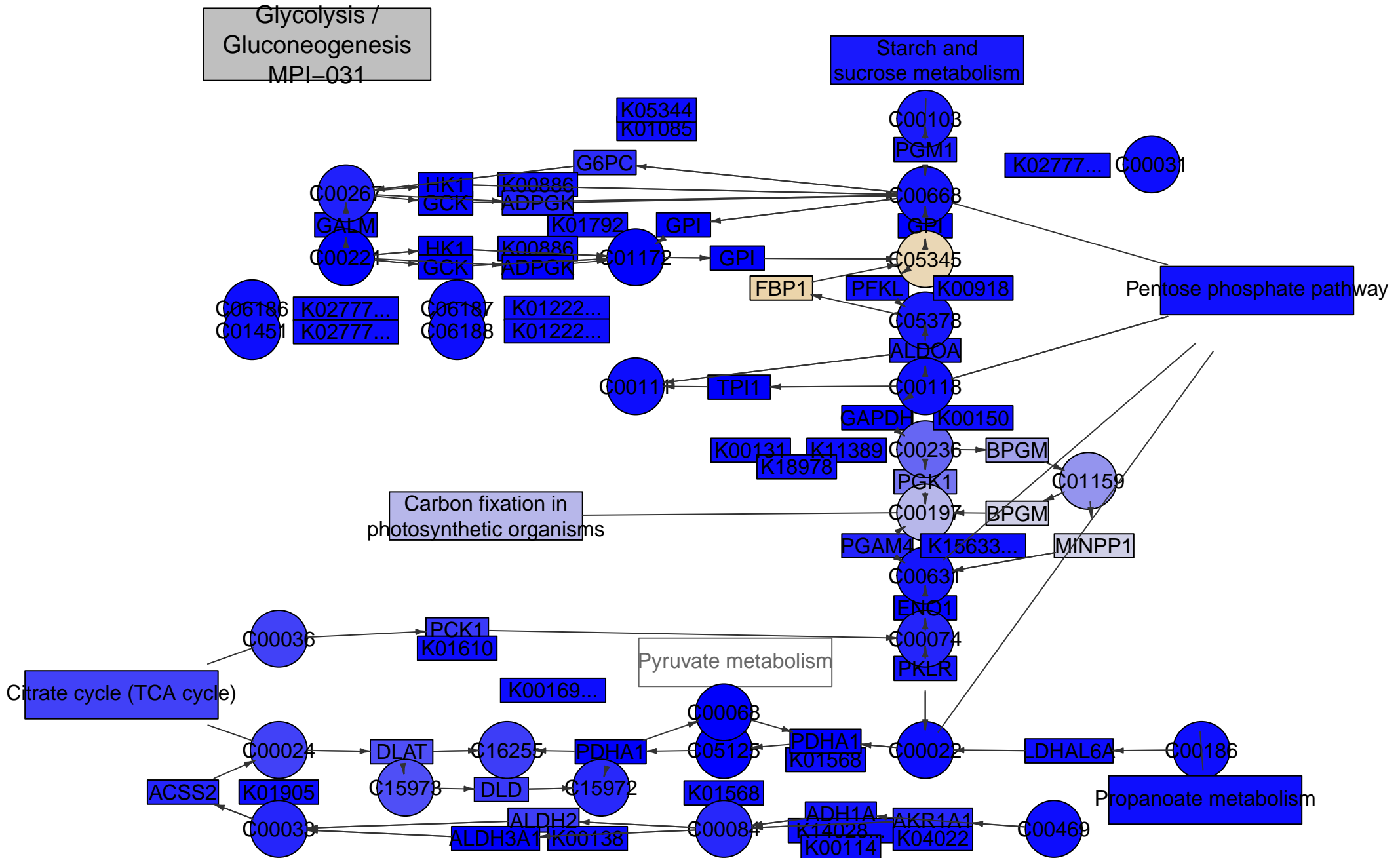
Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-030

Starch and  
sucrose metabolism

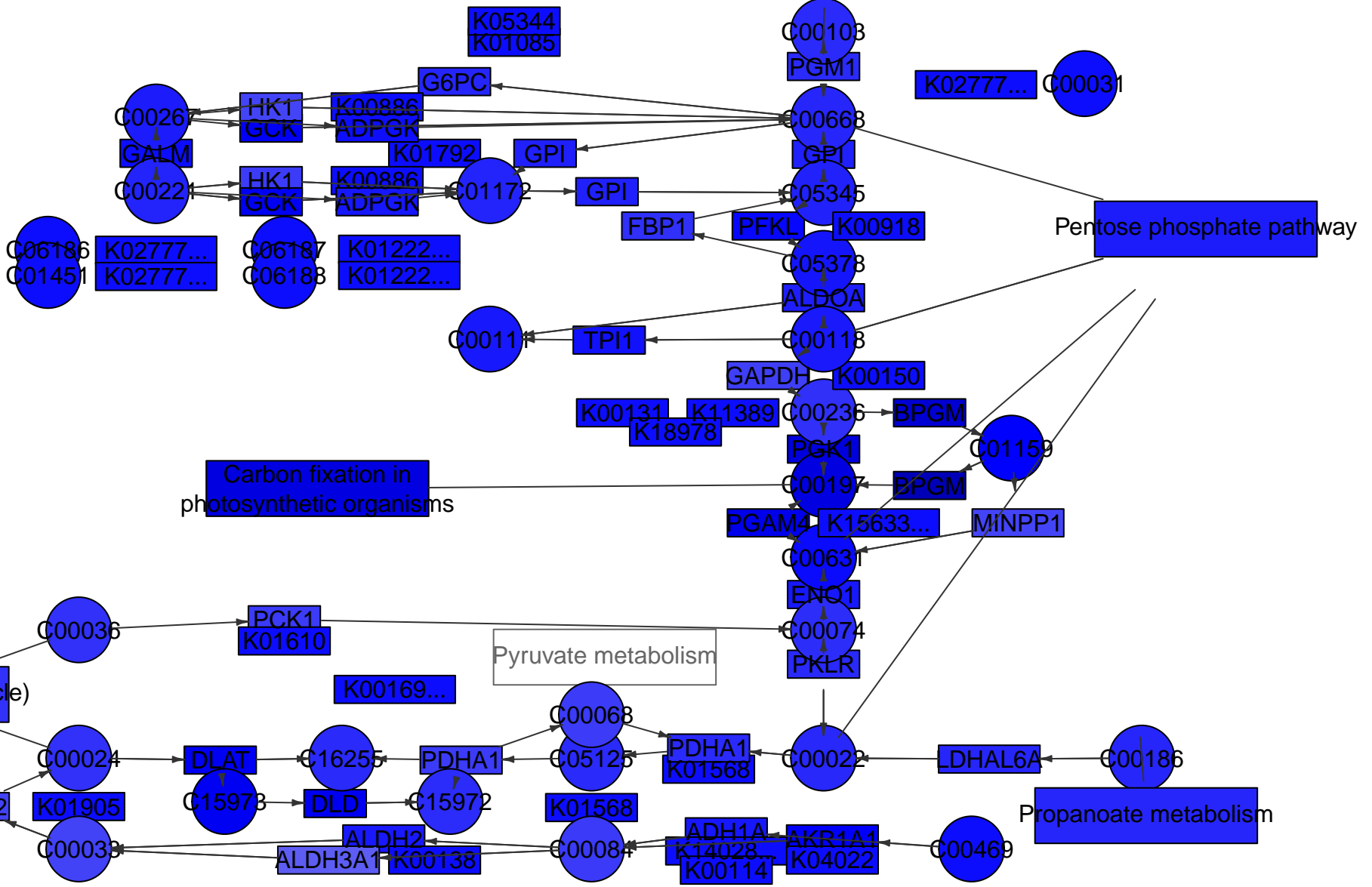






Glycolysis /  
Gluconeogenesis  
MPI-040

Starch and  
sucrose metabolism



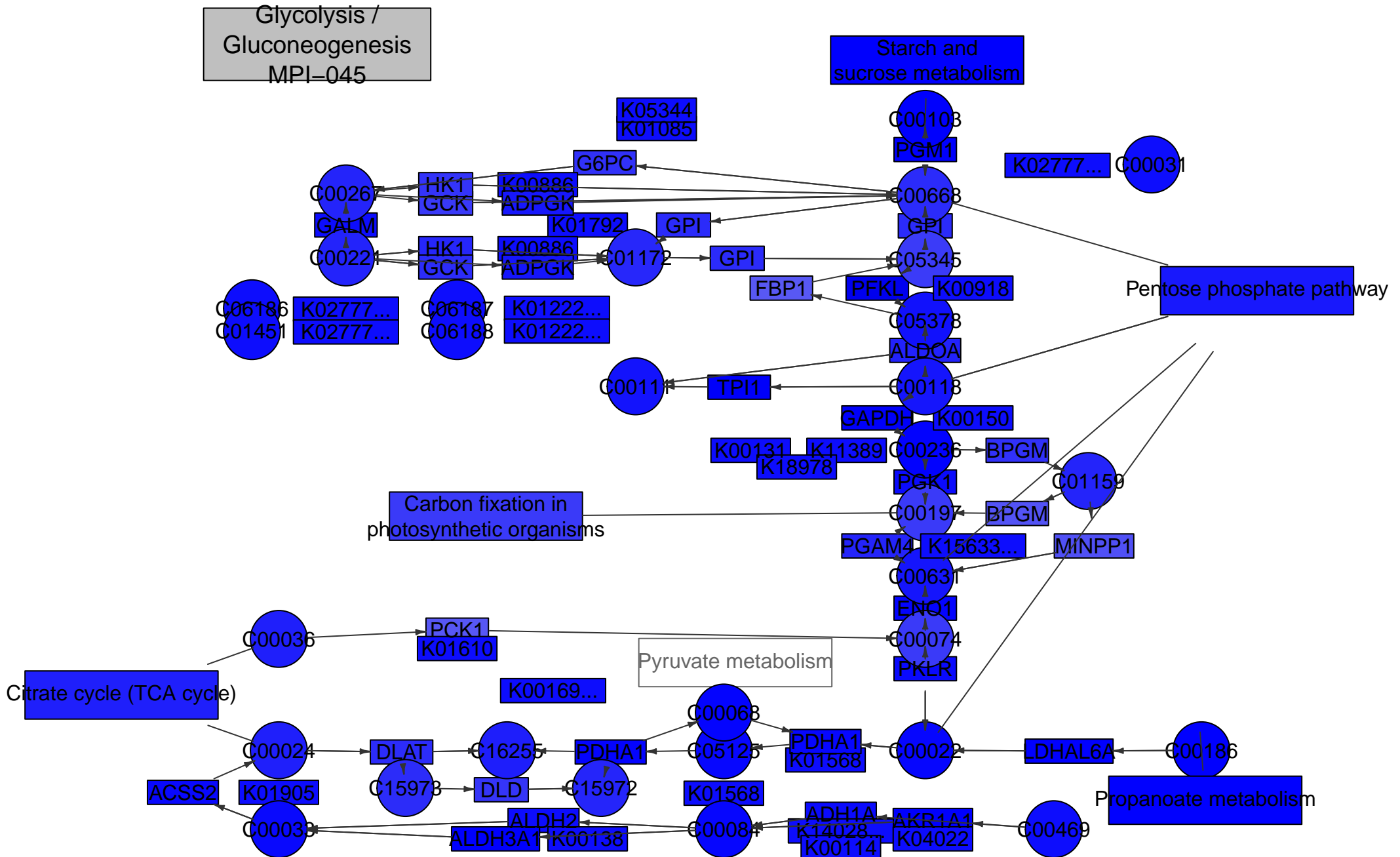
Pentose phosphate pathway

Carbon fixation in  
photosynthetic organisms

Pyruvate metabolism

Citrate cycle (TCA cycle)

Propanoate metabolism



Glycolysis /  
Gluconeogenesis  
MPI-045

Starch and  
sucrose metabolism

K02777... C00031

K05344  
K01085

C00103  
PGM1

G6PC

C00267  
GALM

HK1  
GCK

K00886  
ADPGK

C00668  
GPI

K01792

GPI

C00221  
GALM

HK1  
GCK

K00886  
ADPGK

C01172  
GPI

GPI

C05345  
FBP1

FBP1

PFKL

K00918

Pentose phosphate pathway

C06186  
C01451

K02777...  
K02777...

C06187  
C06188

K01222...  
K01222...

C0011

TPI1

C05378  
ALDOA

C00118  
GAPDH

K00150

K00131

K11389

C00236  
PGK1

BPGM

C01159

Carbon fixation in  
photosynthetic organisms

C00197  
PGAM4

BPGM

C01159

K15633...

MINPP1

C00631  
ENO1

C00074  
PKLR

PCK1  
K01610

C00036

Pyruvate metabolism

K00169...

Citrate cycle (TCA cycle)

C00024  
DLAT

C16255  
DLH3A1

C15973  
DLH3A1

C15972  
ALDH2

C00068  
C05125

PDHA1  
K01568

C00022  
LDHAL6A

C00186

ACSS2

K01905

C15973

DLH3A1

K00138

C00084

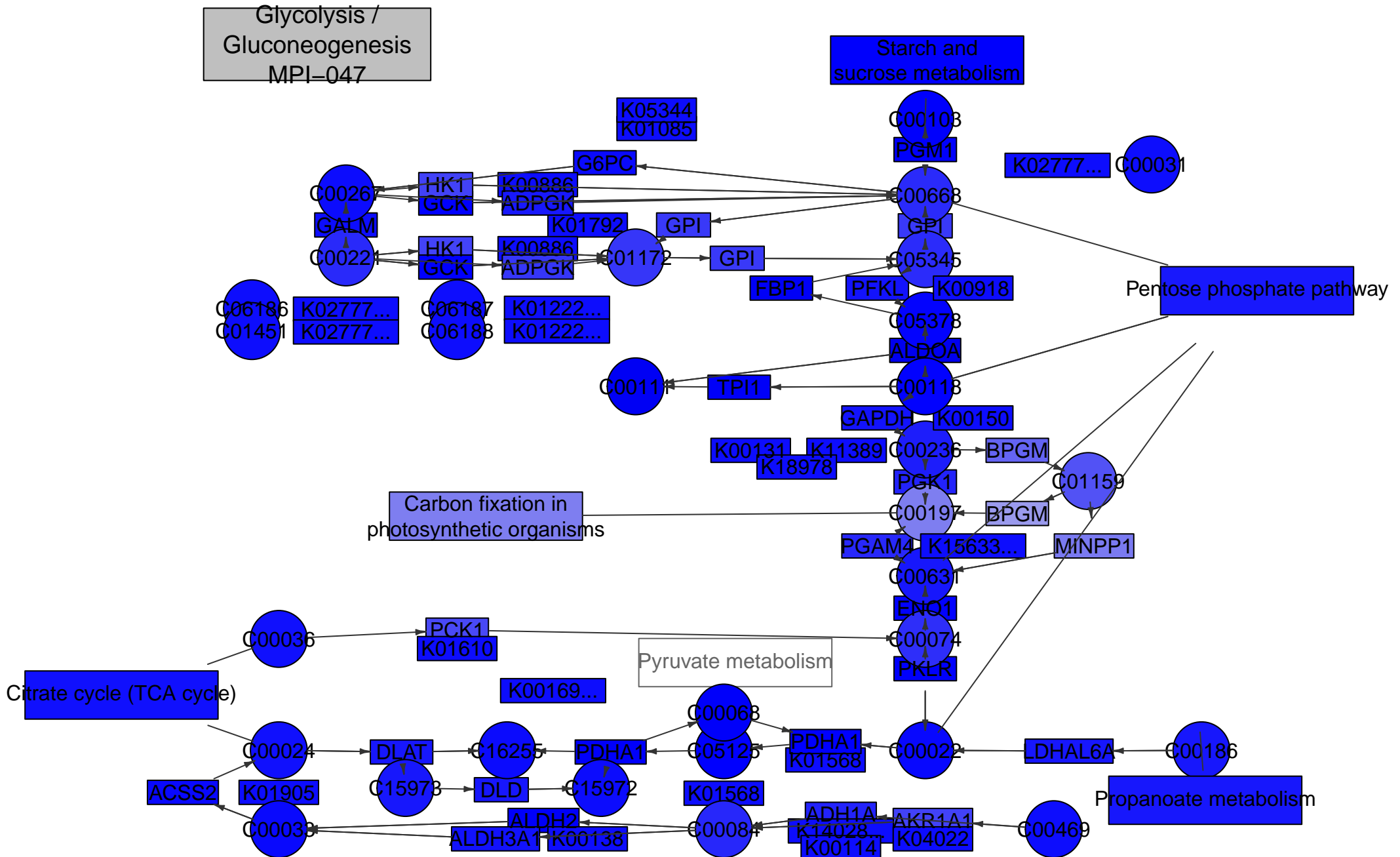
ADH1A

K14028

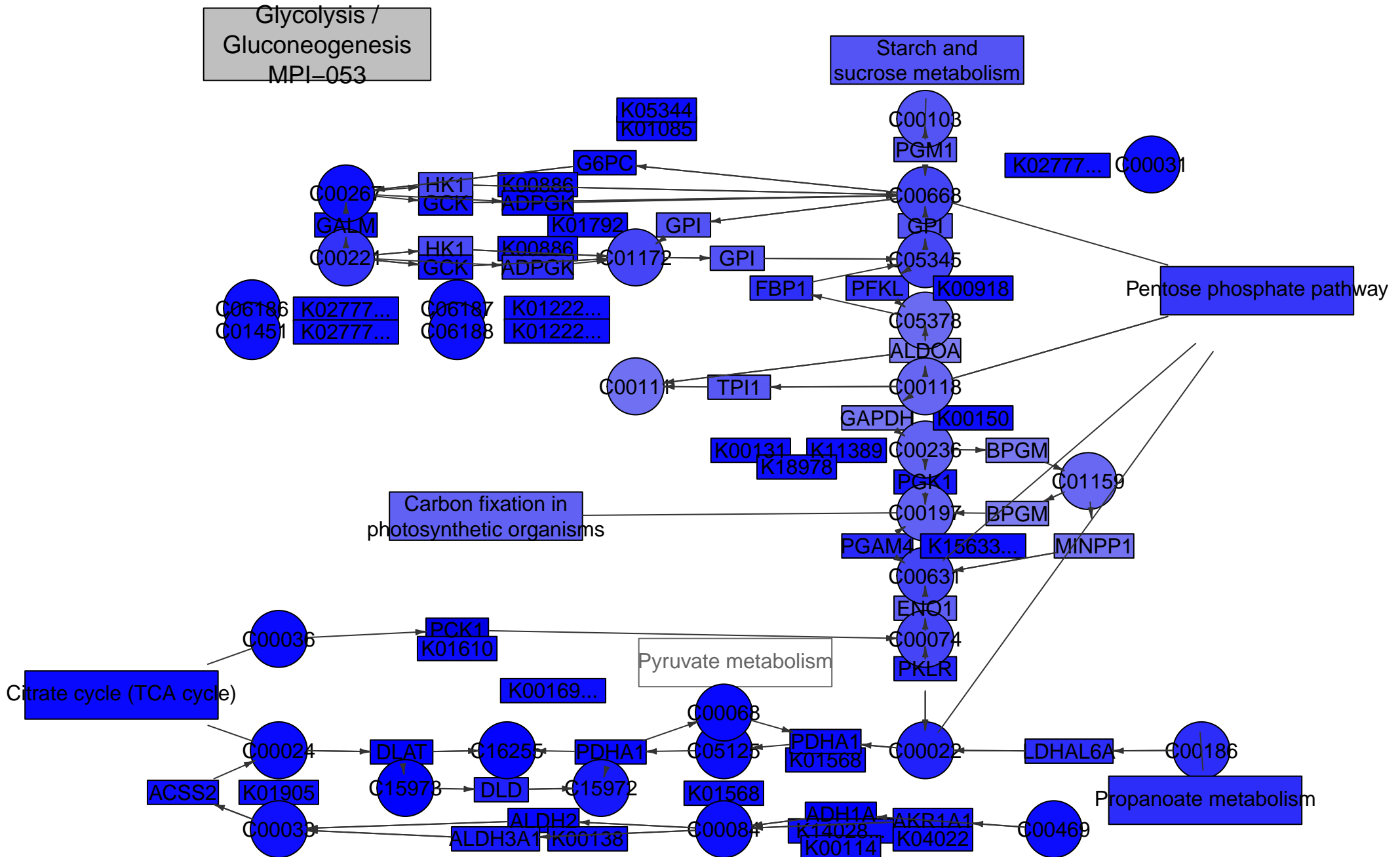
K00114

C00469

Propanoate metabolism







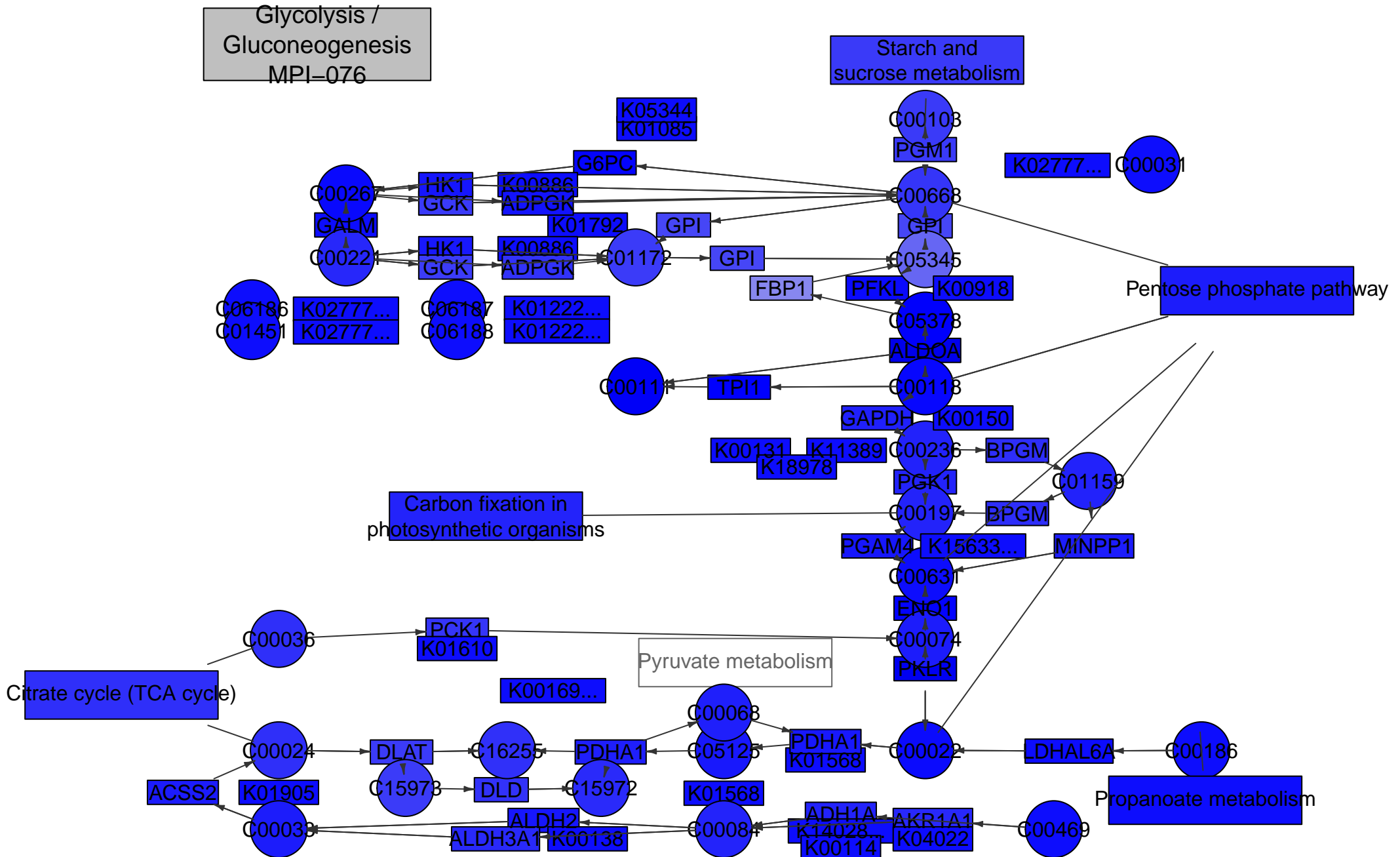


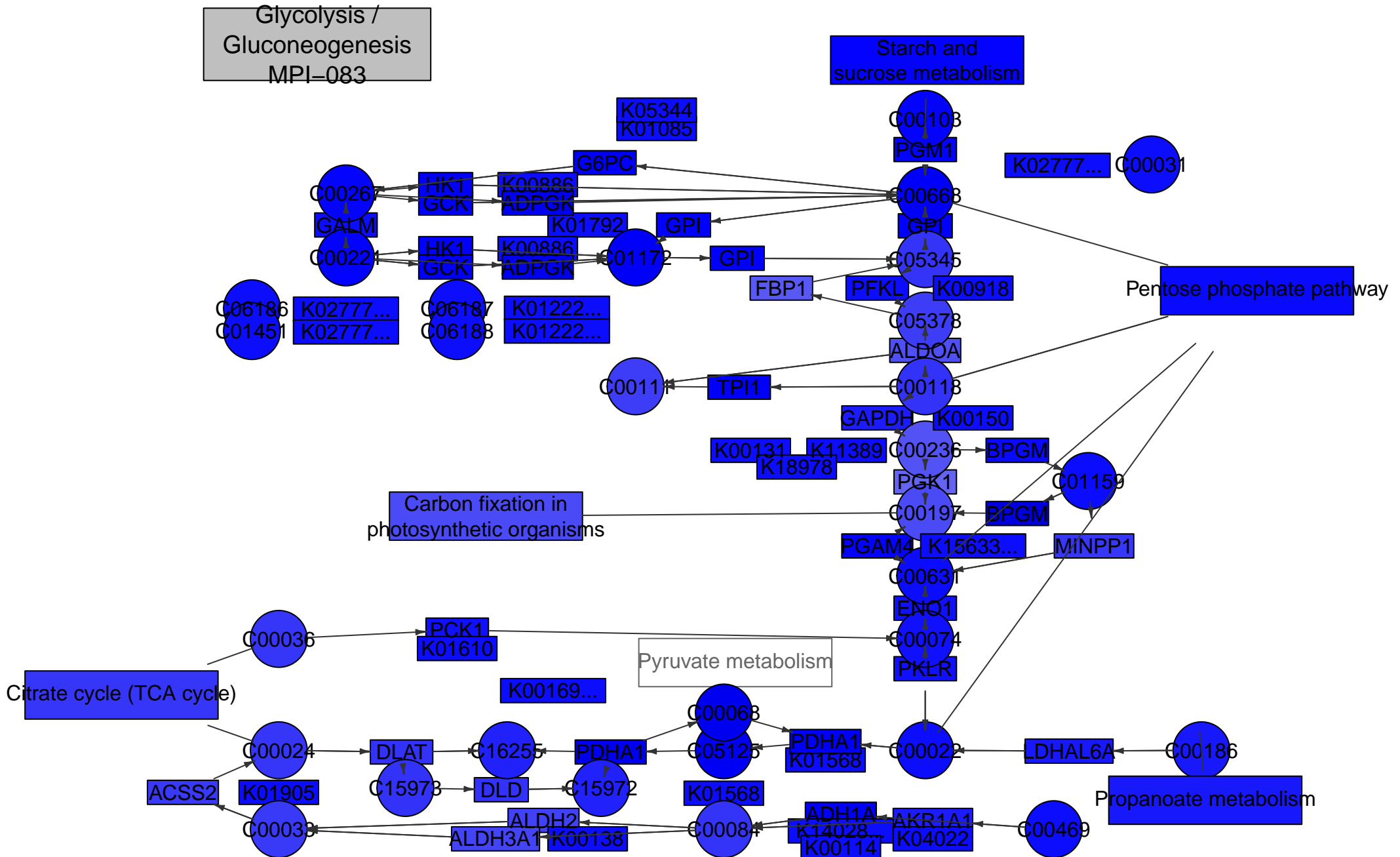




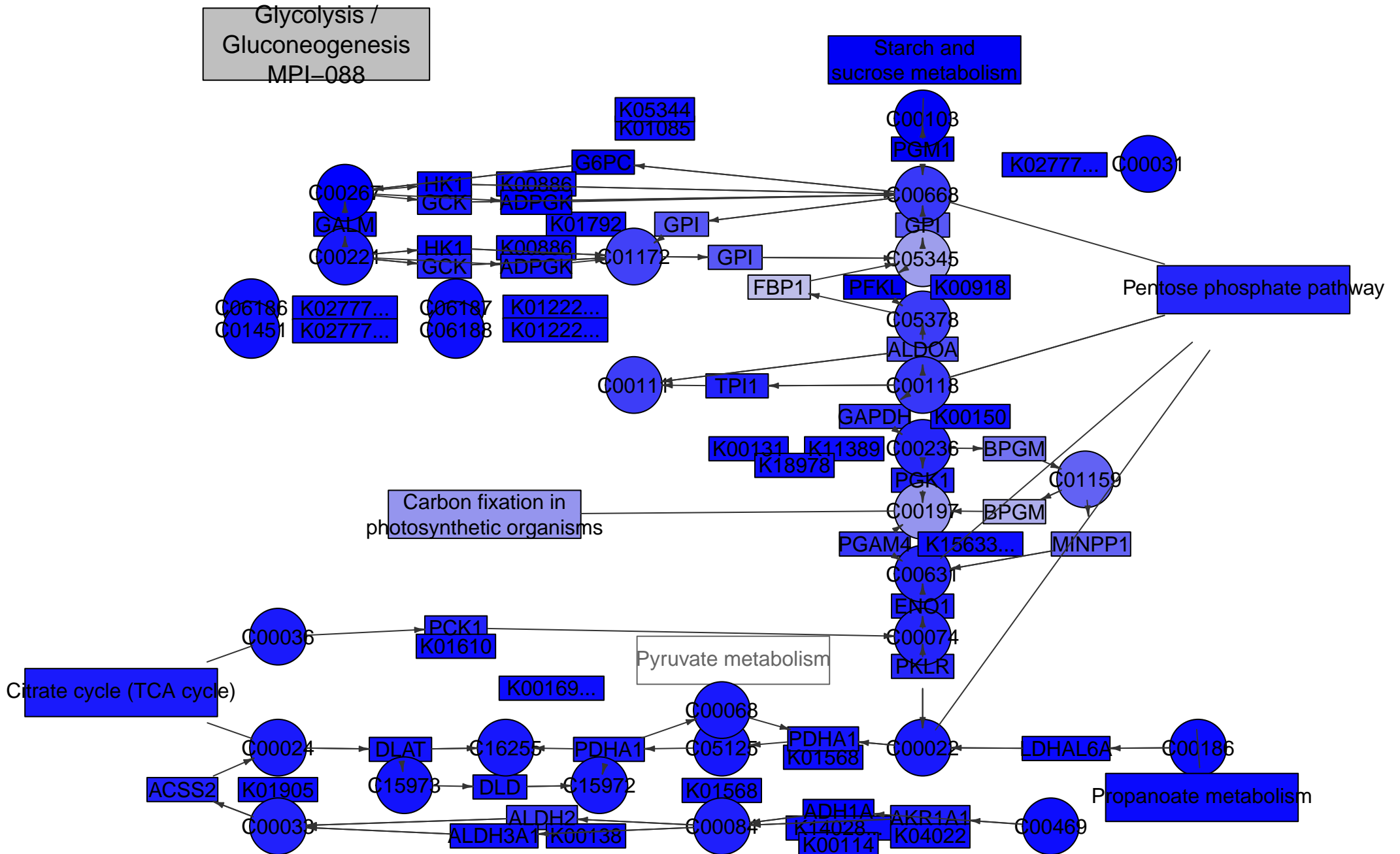


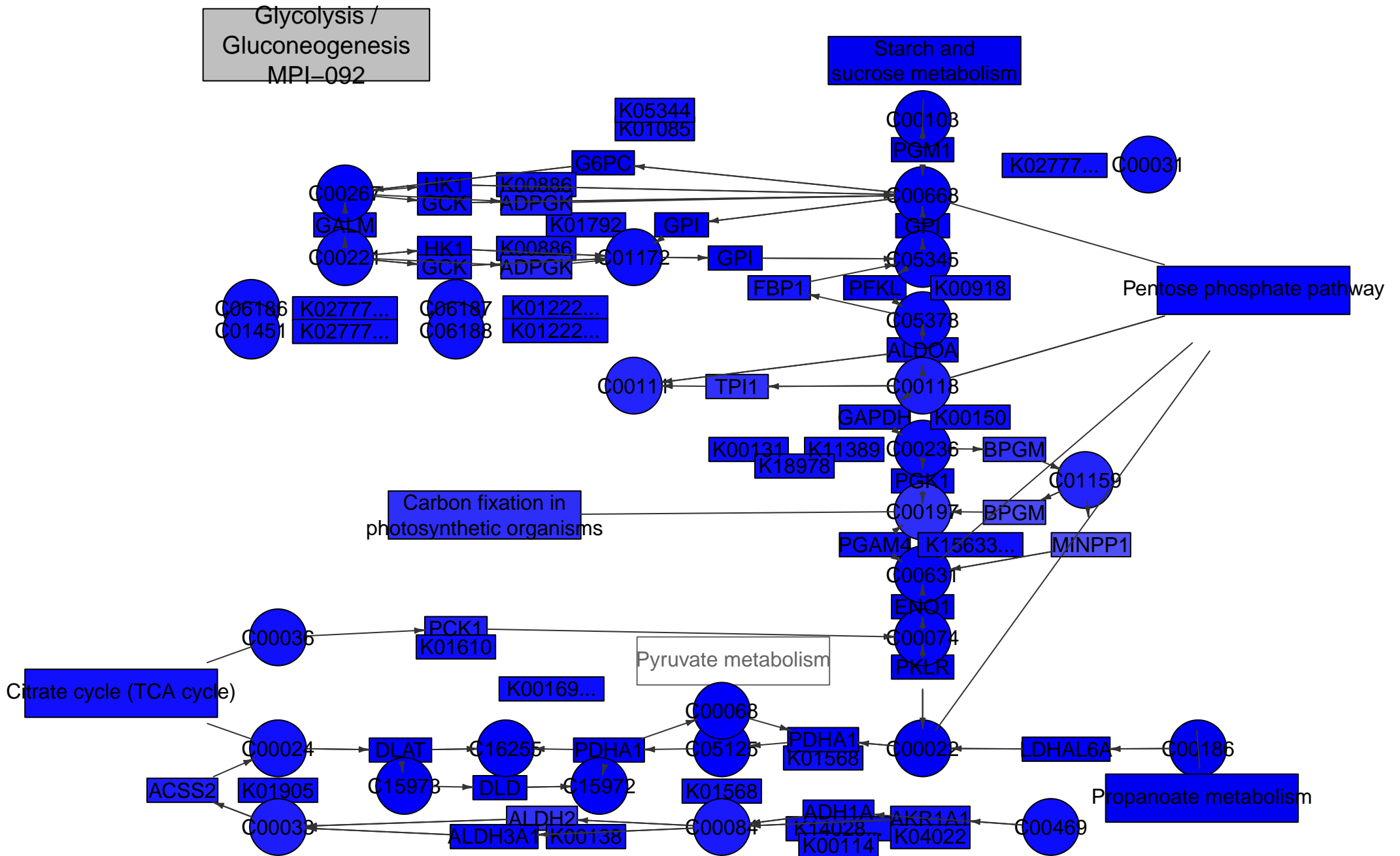


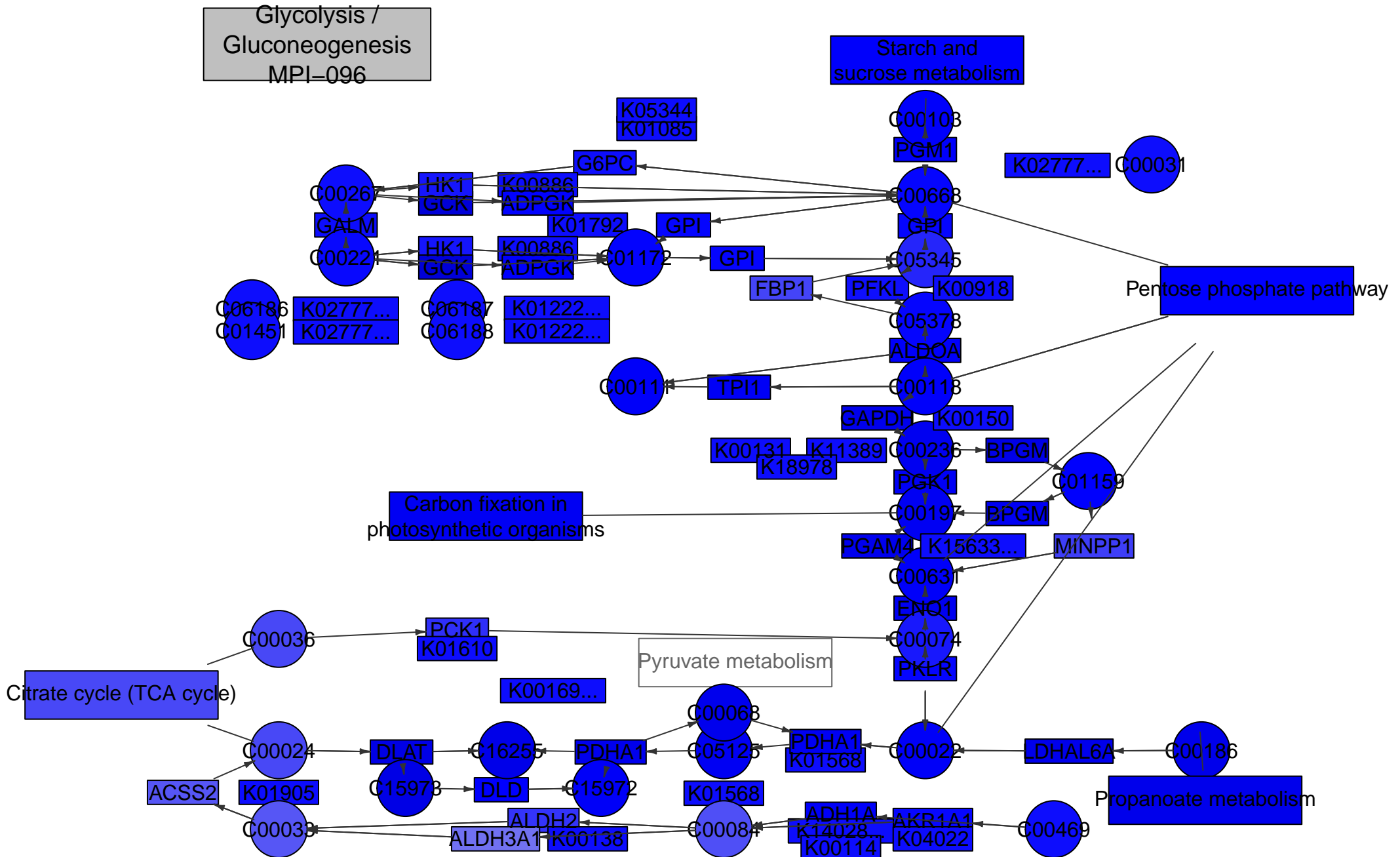




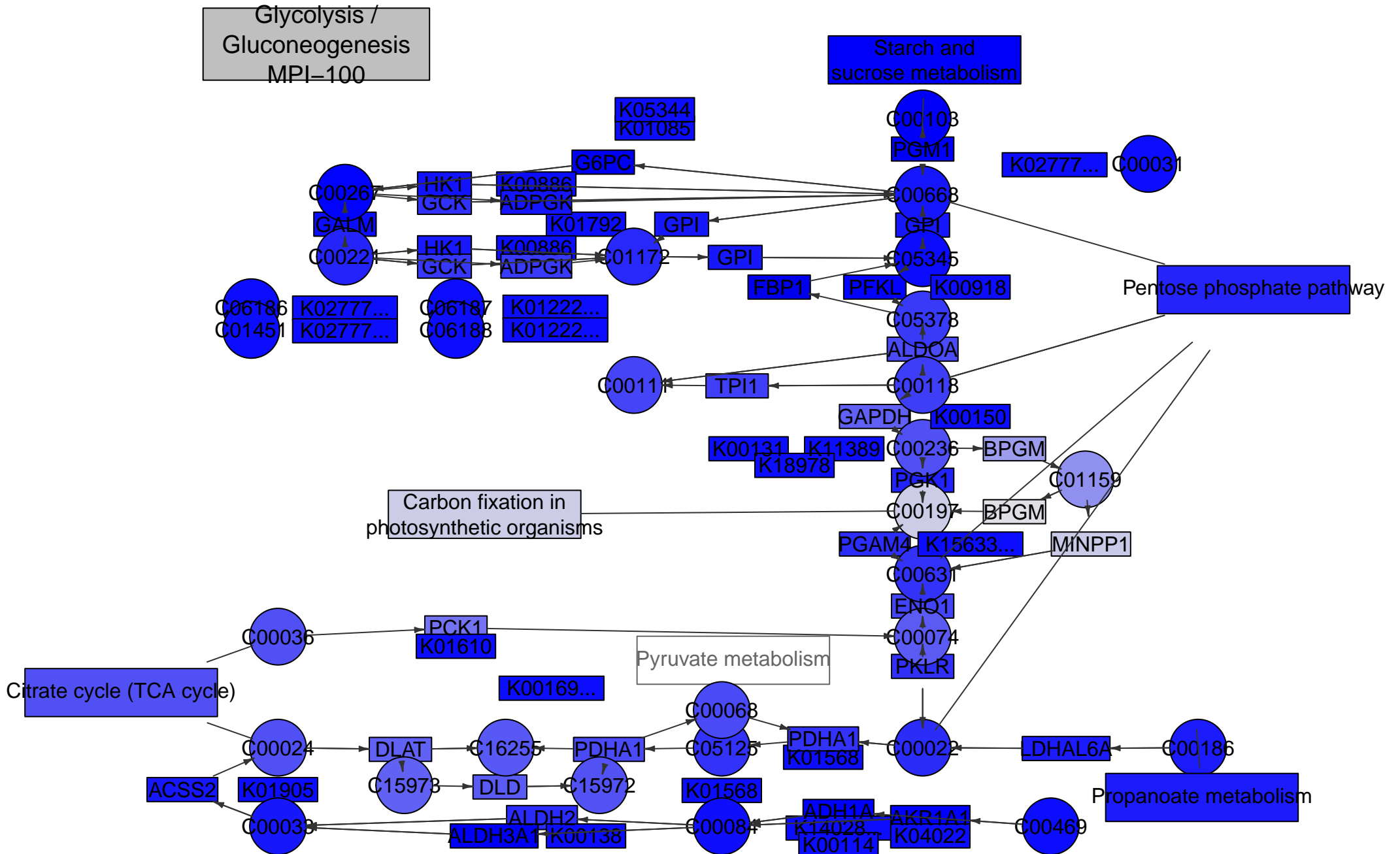


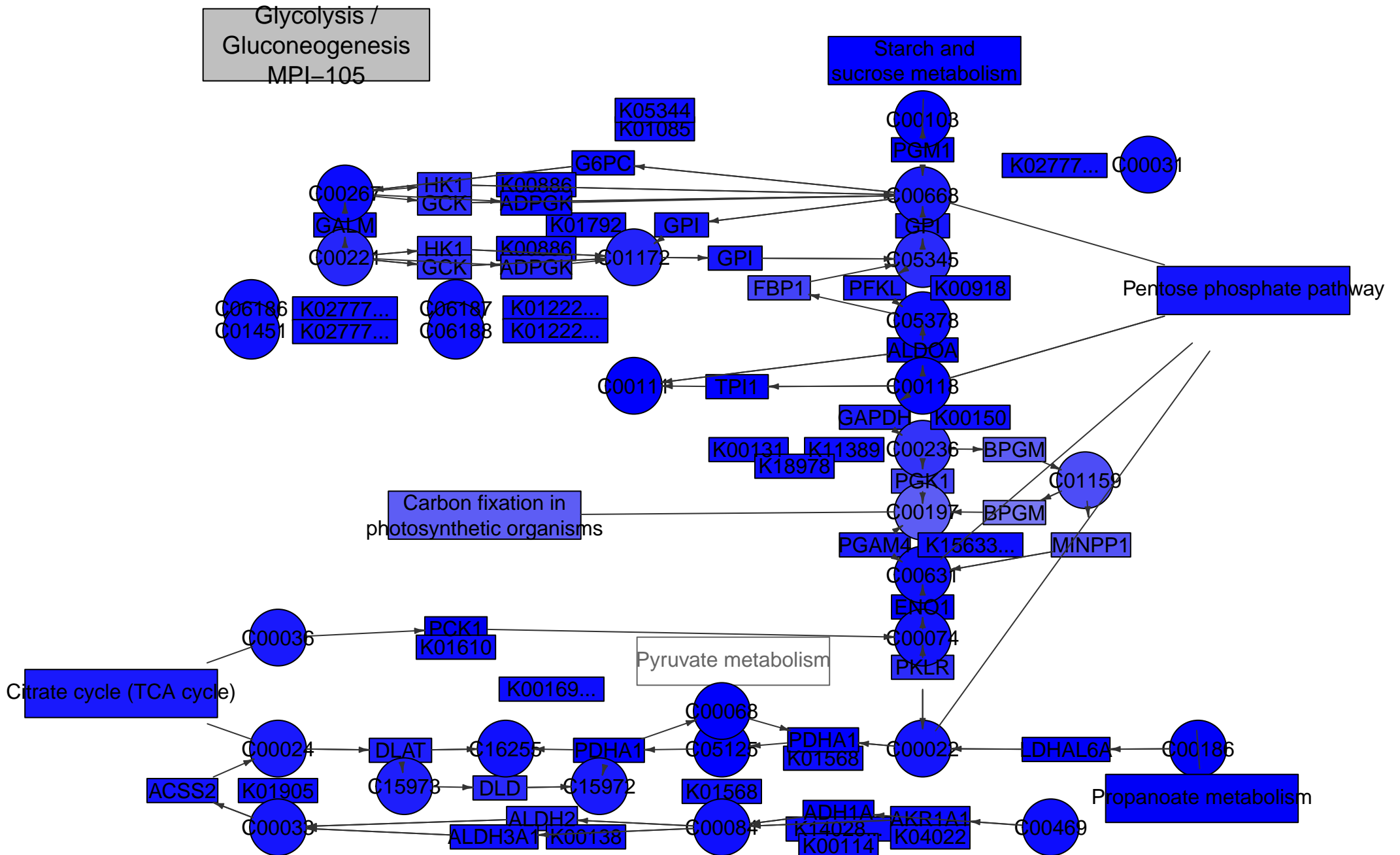


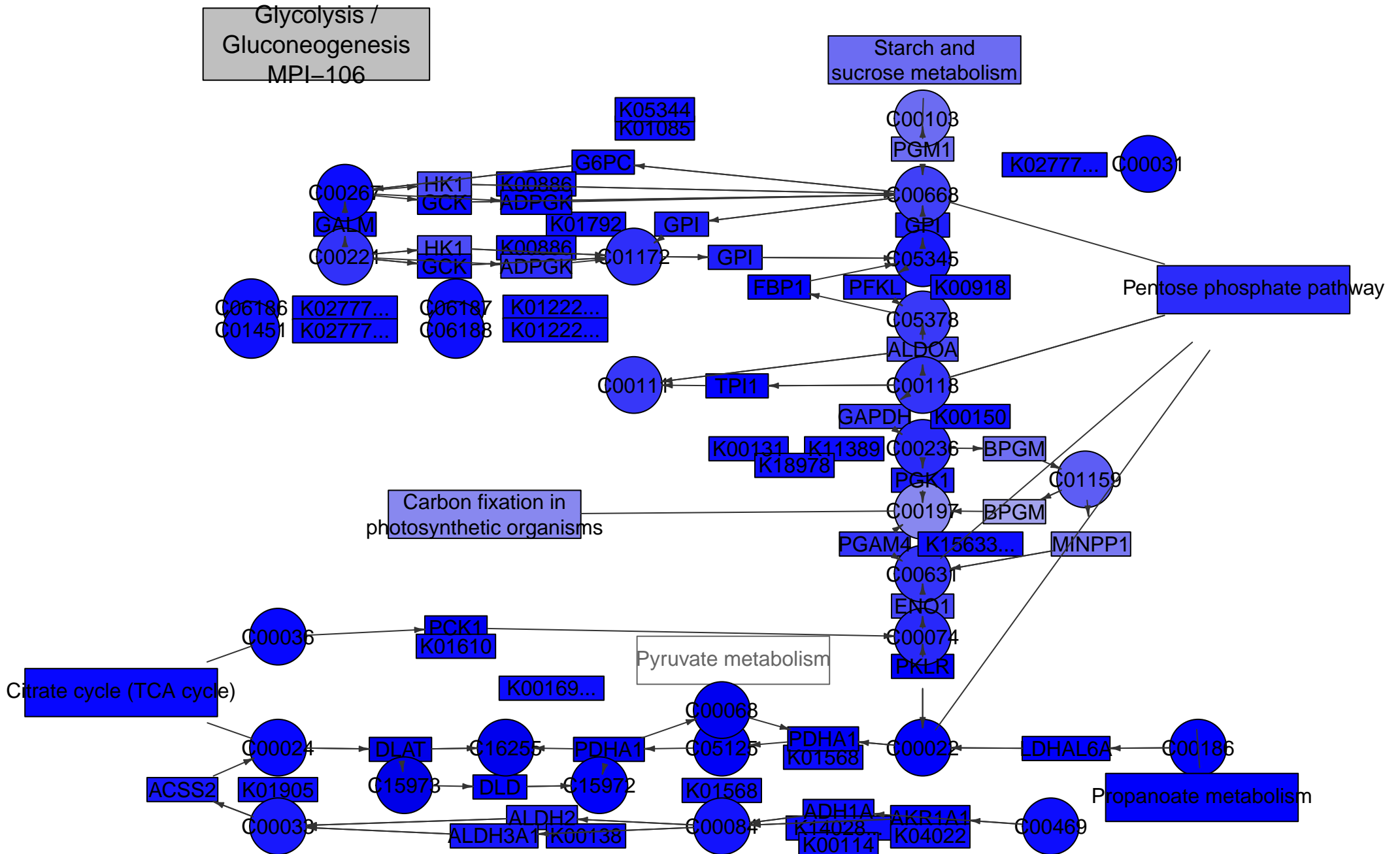






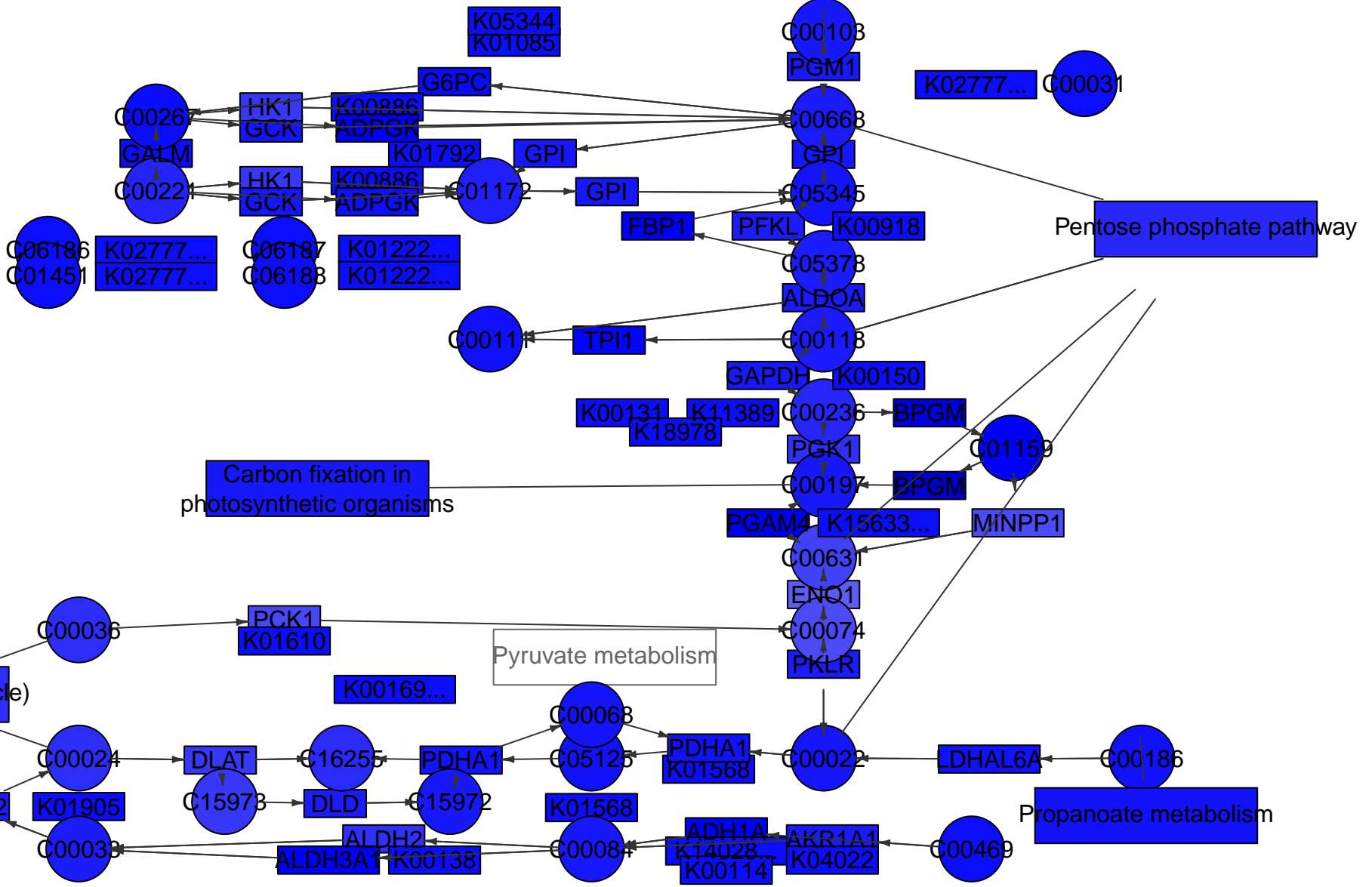




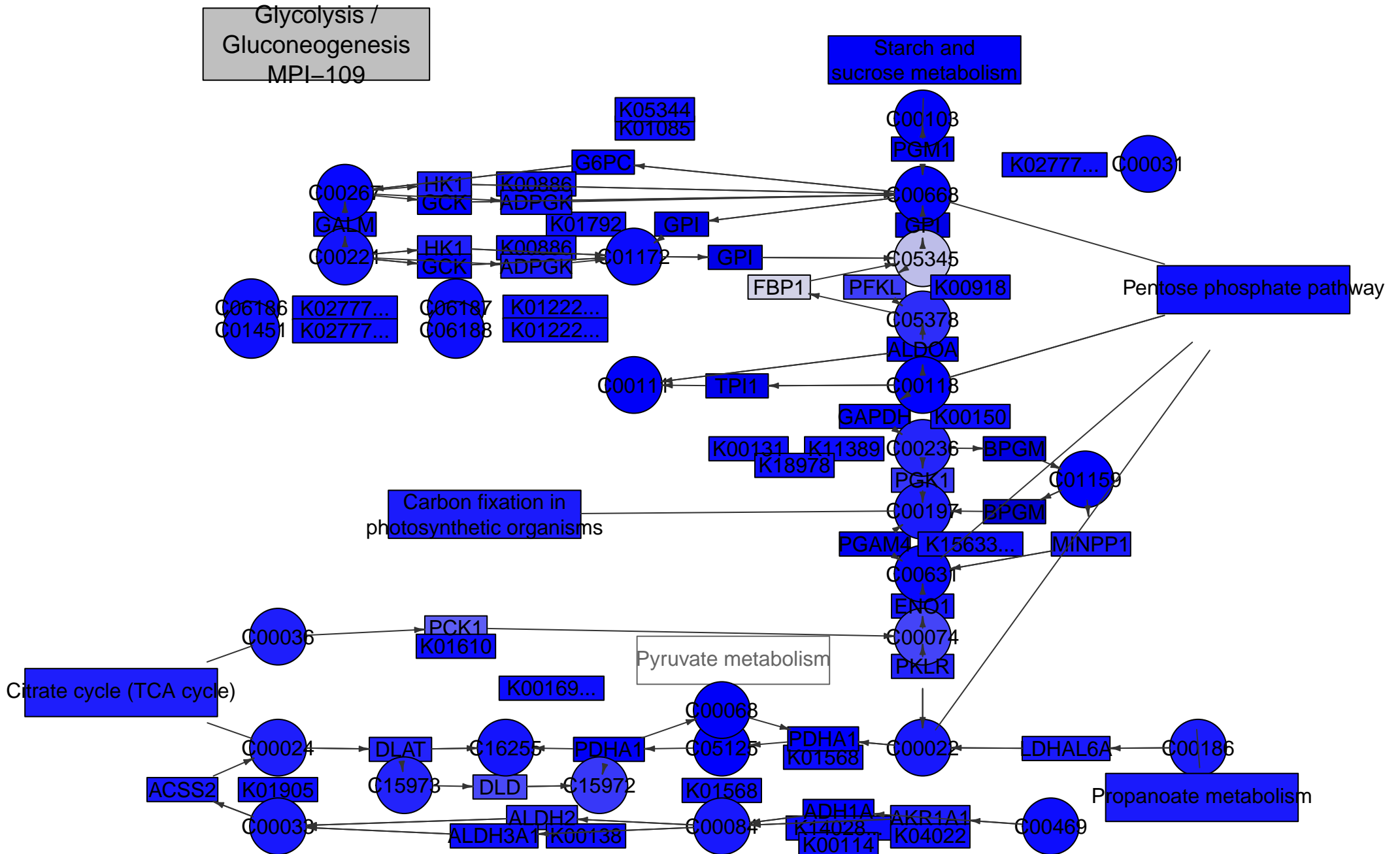


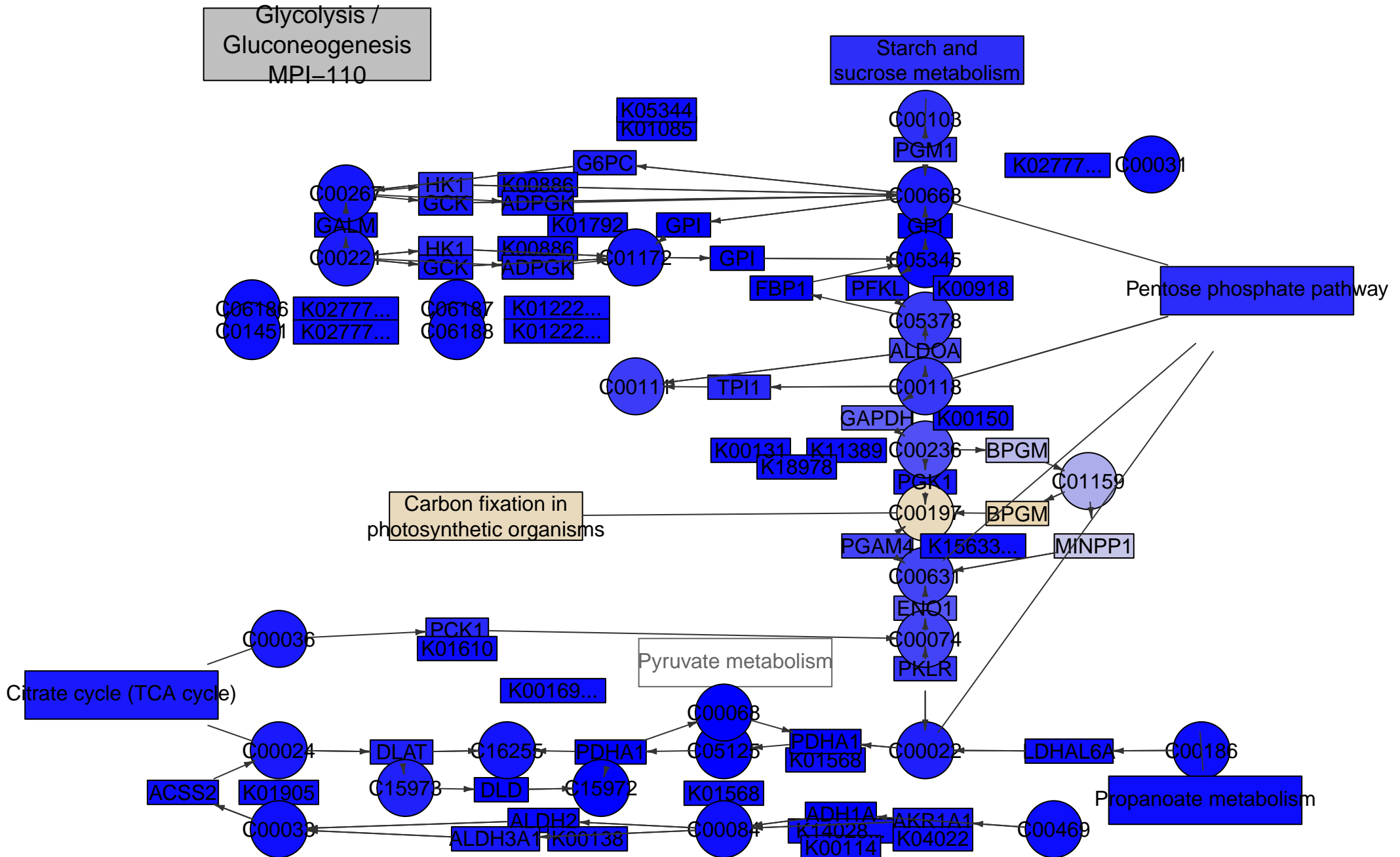
Glycolysis /  
Gluconeogenesis  
MPI-108

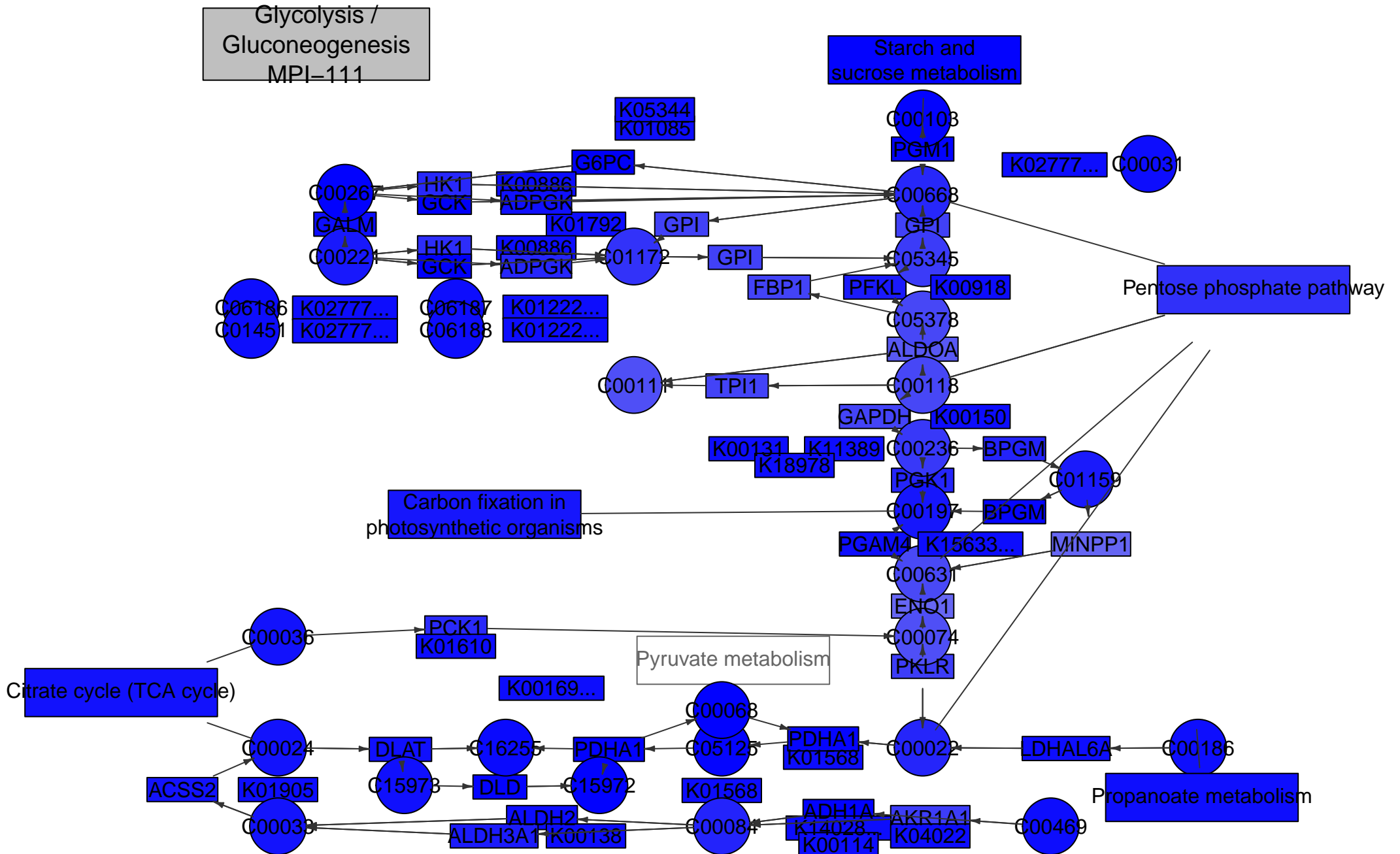
Starch and  
sucrose metabolism





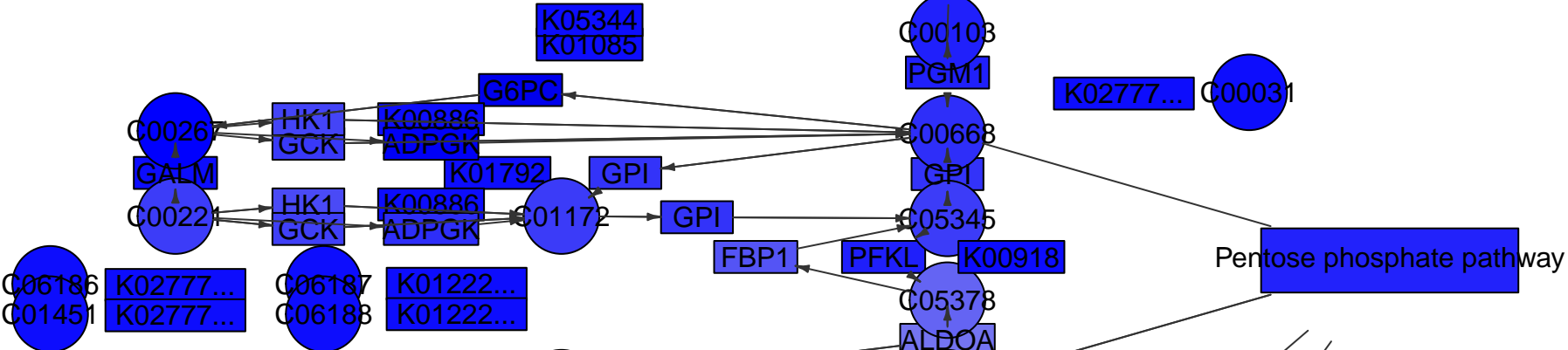






Glycolysis /  
Gluconeogenesis  
MPI-113

Starch and  
sucrose metabolism

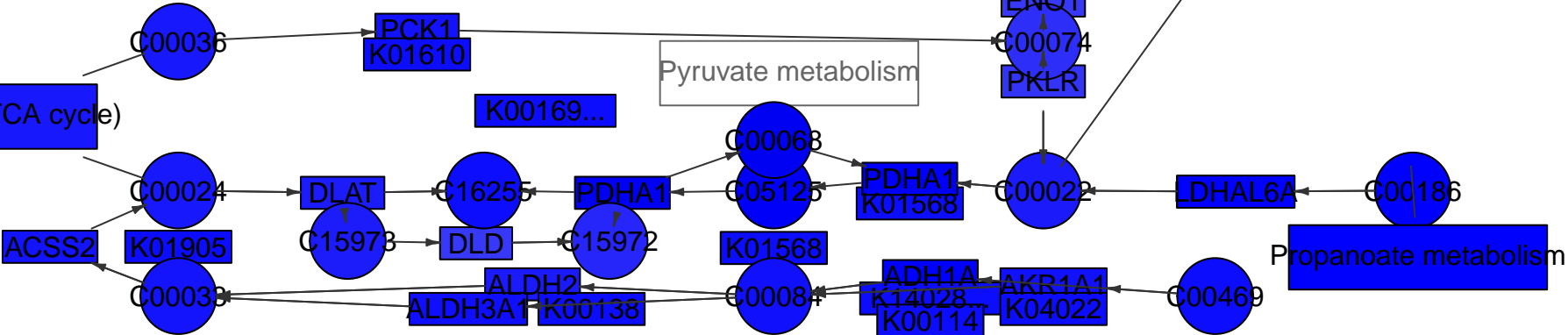


Carbon fixation in  
photosynthetic organisms

Pyruvate metabolism

Citrate cycle (TCA cycle)

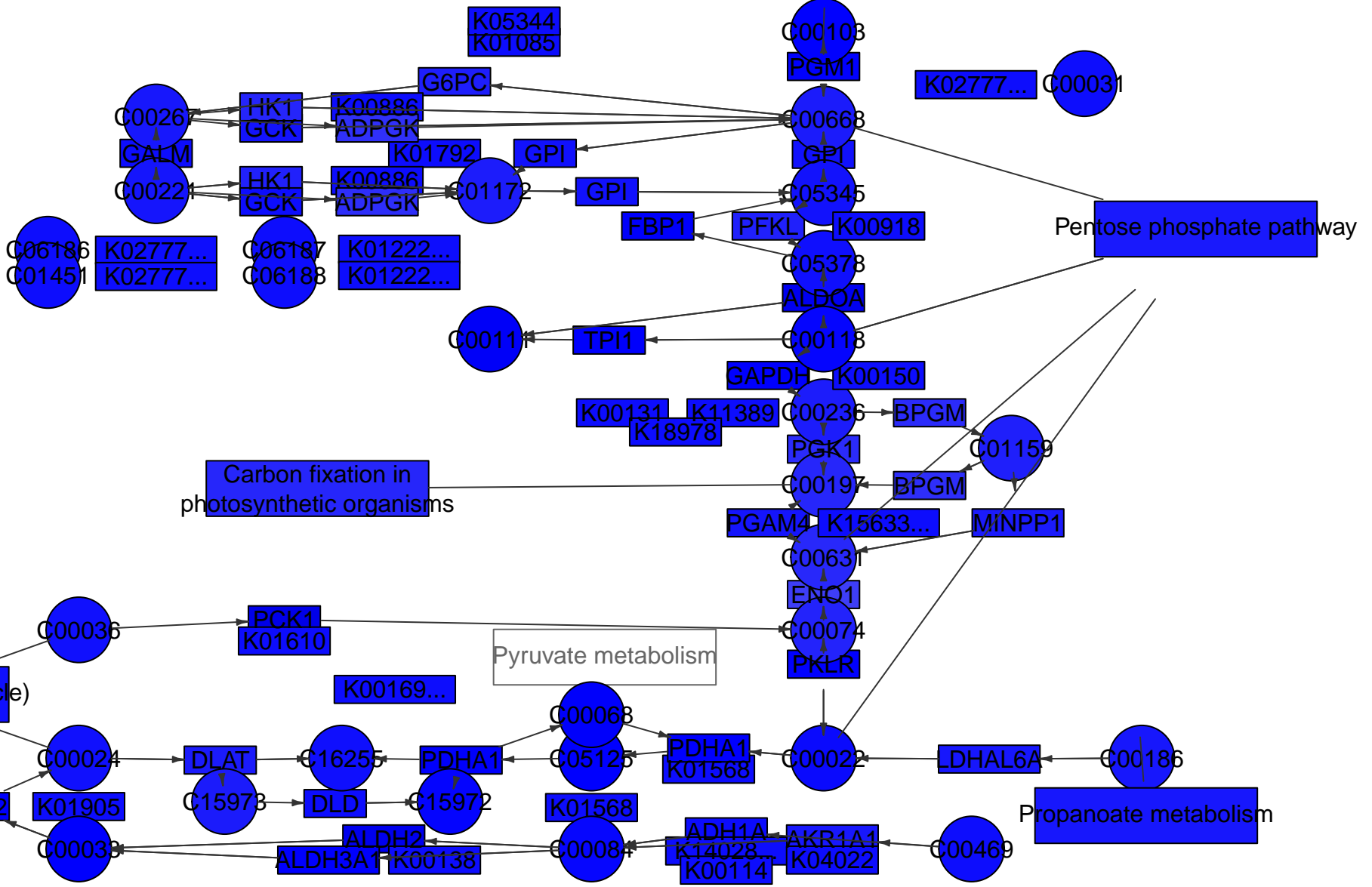
Propanoate metabolism

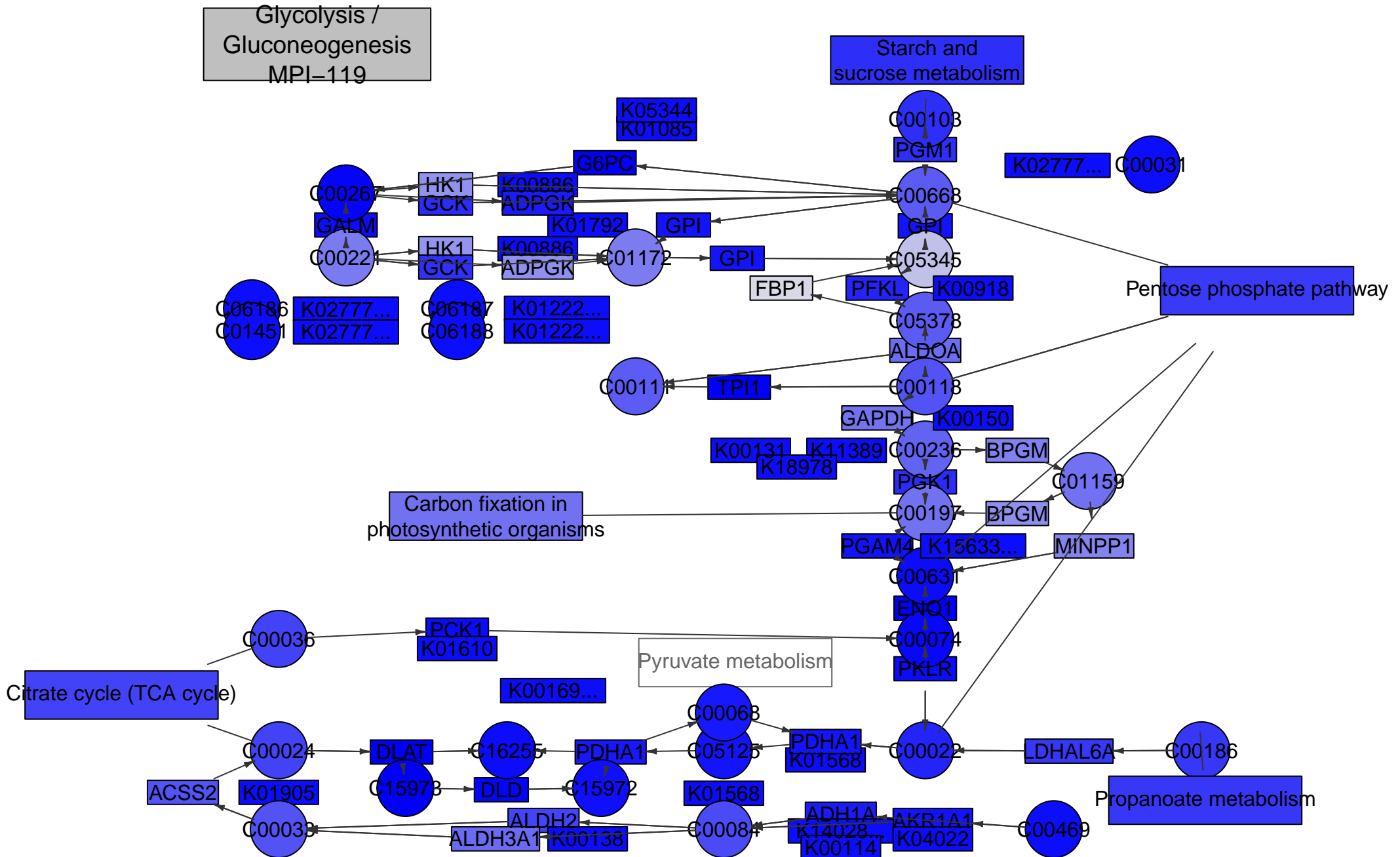


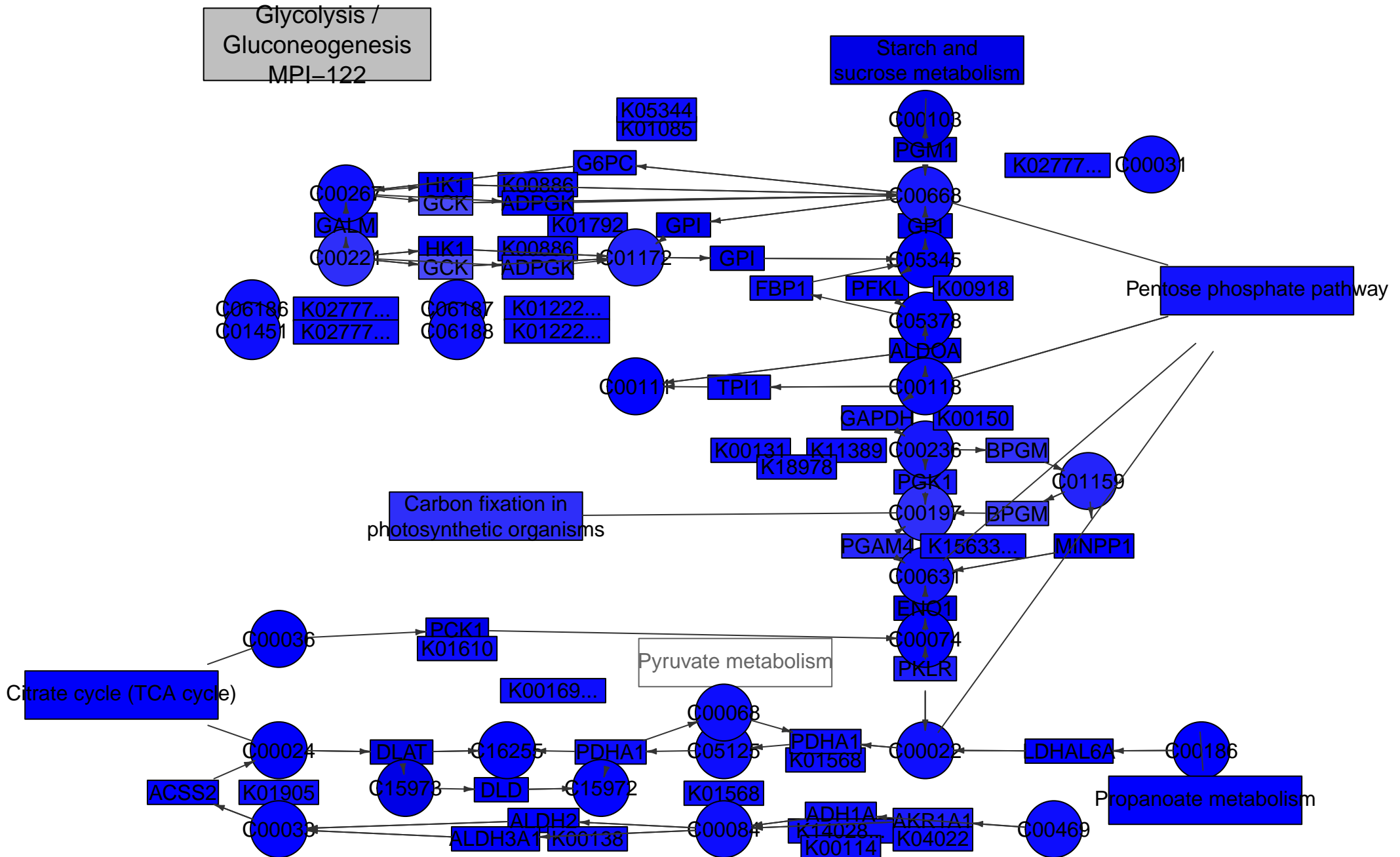


Glycolysis /  
Gluconeogenesis  
MPI-118

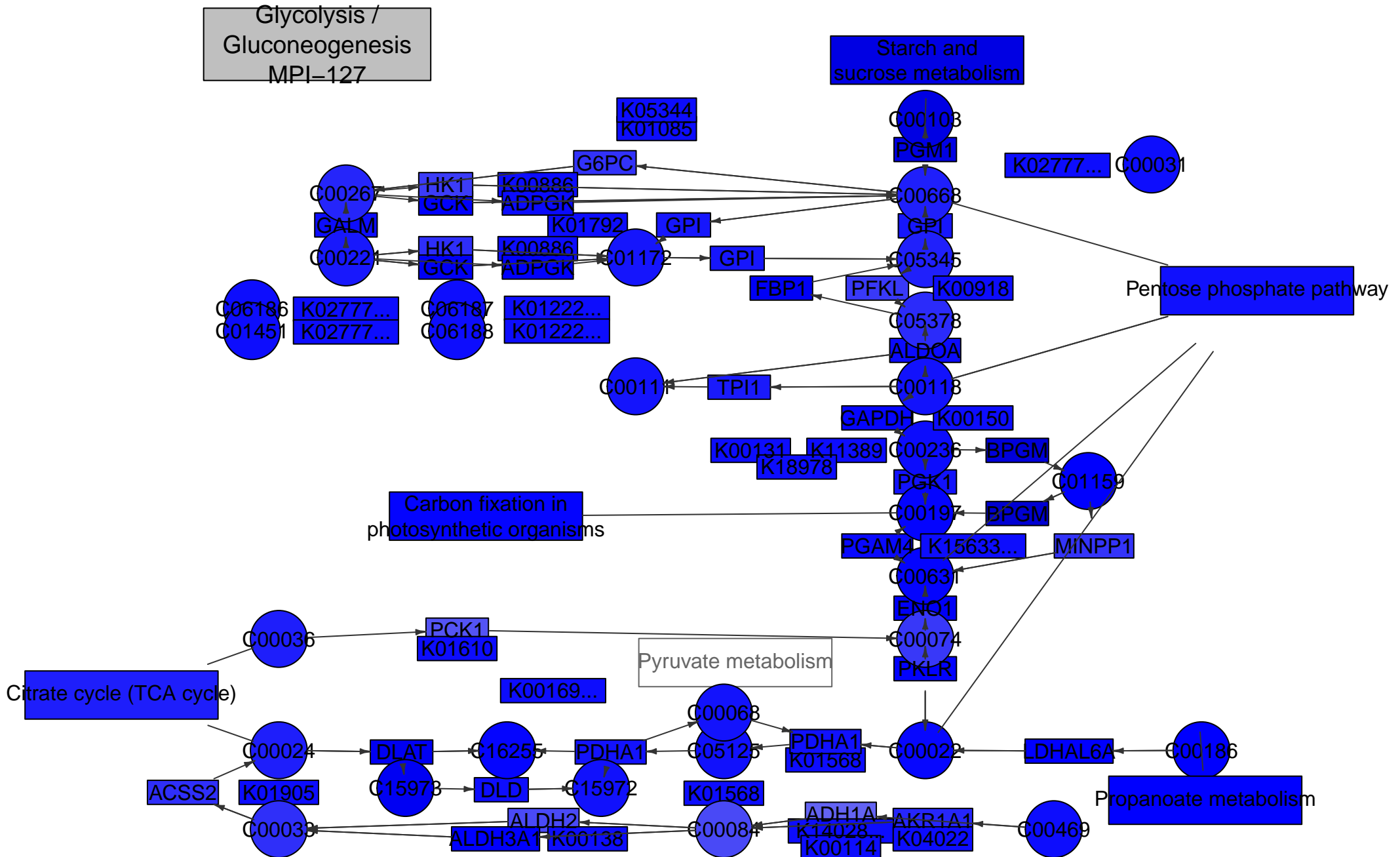
Starch and  
sucrose metabolism





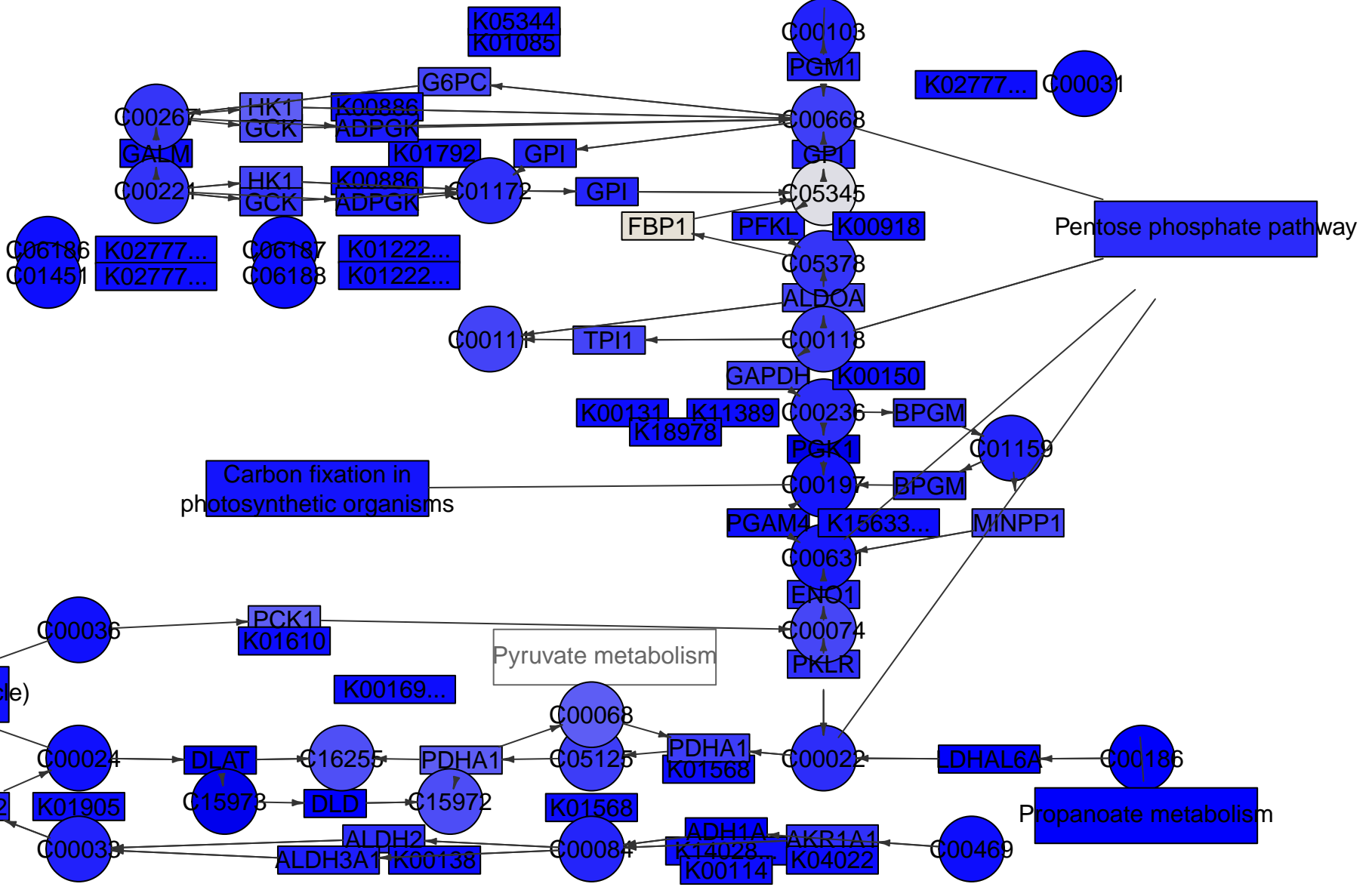






Glycolysis /  
Gluconeogenesis  
MPI-128

Starch and  
sucrose metabolism



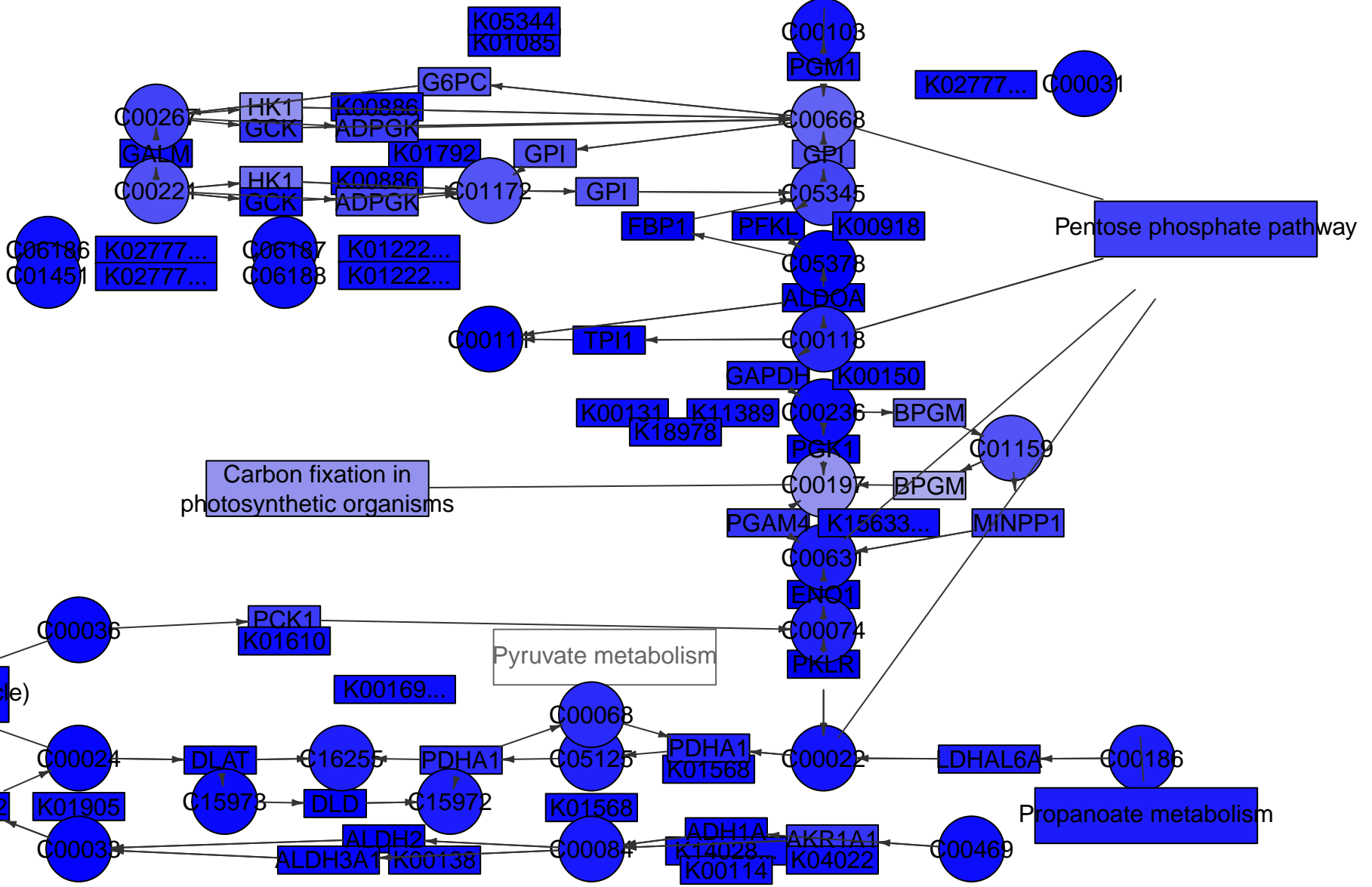






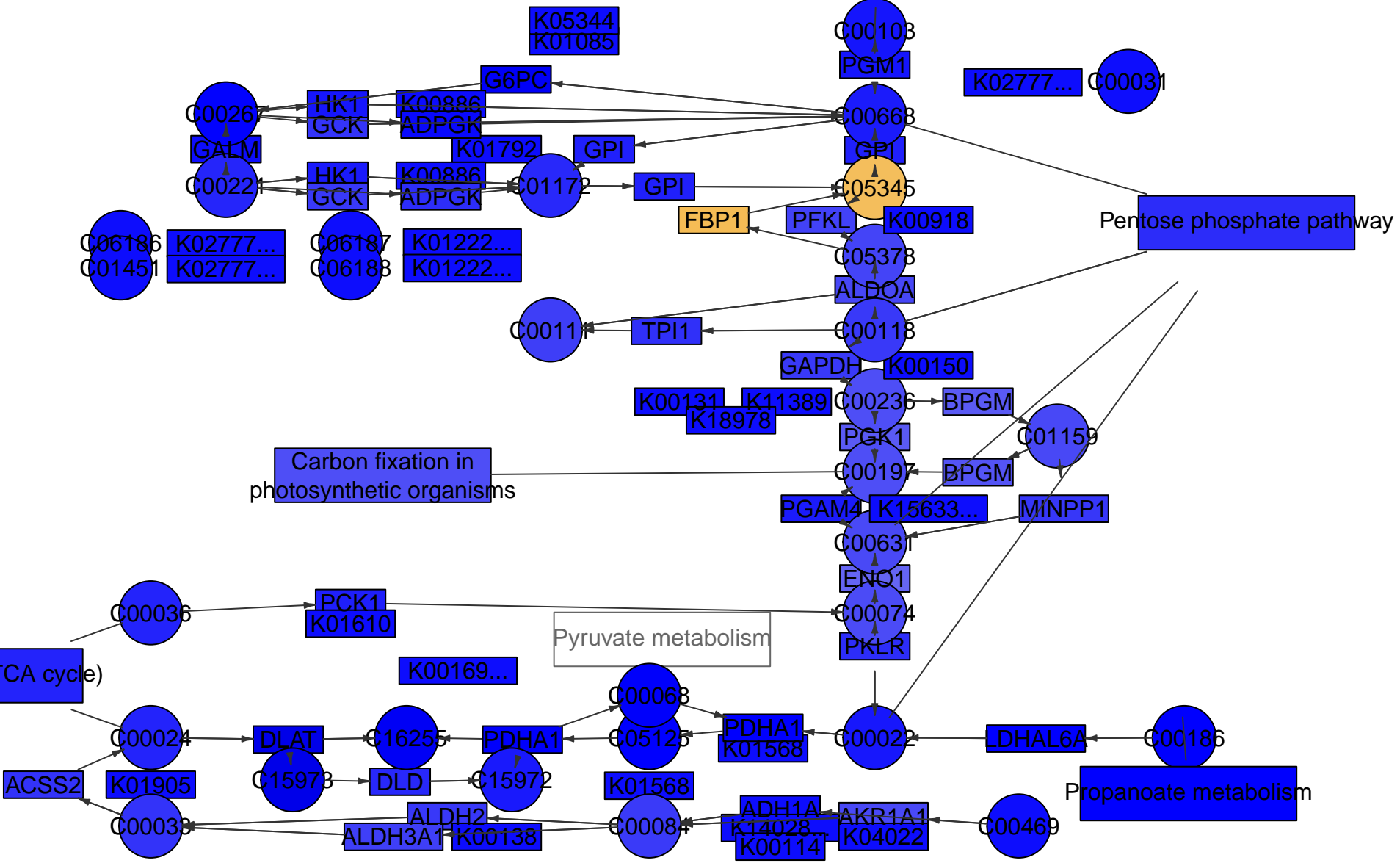
Glycolysis /  
Gluconeogenesis  
MPI-133

Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-134

Starch and  
sucrose metabolism



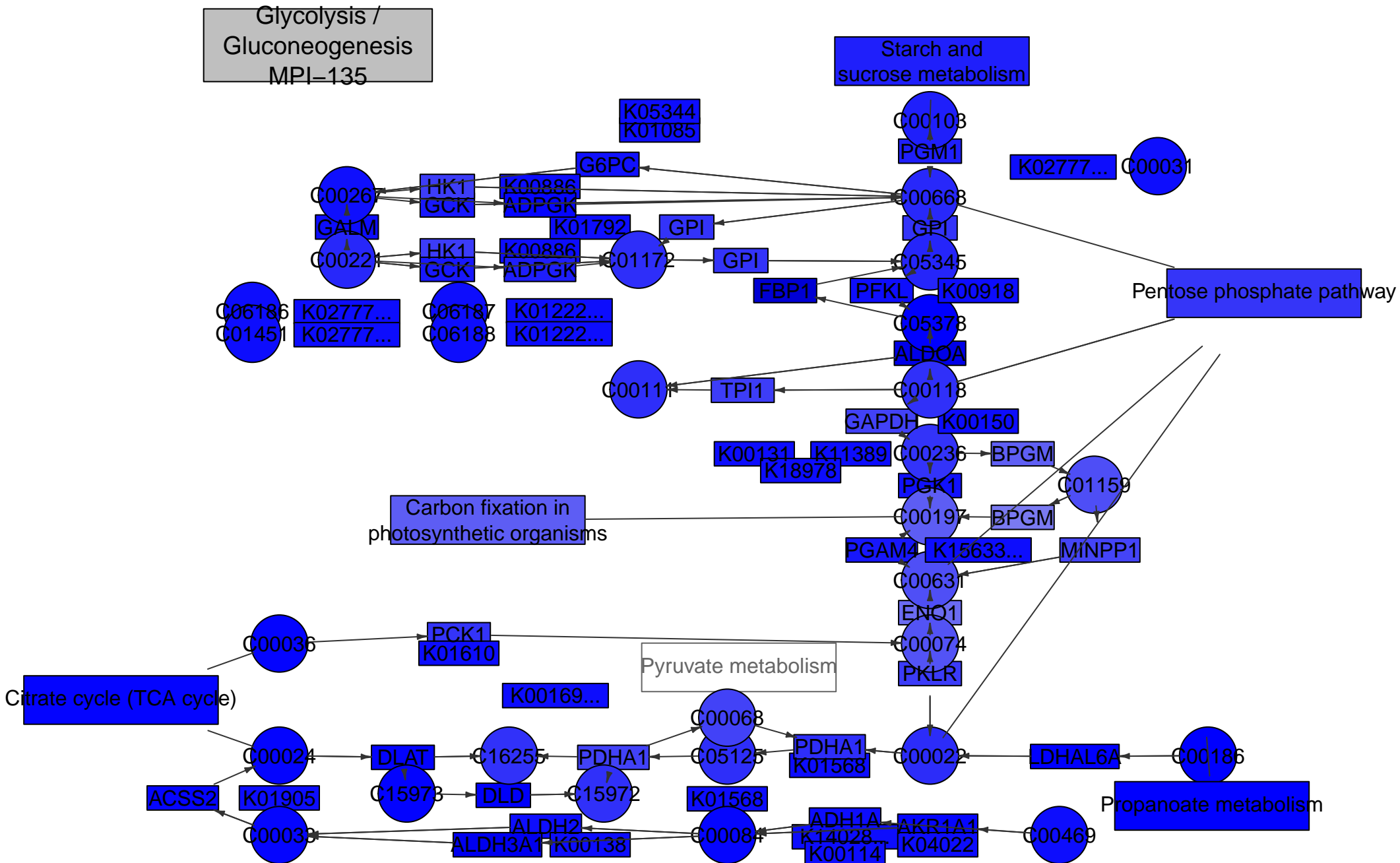
Pentose phosphate pathway

Carbon fixation in  
photosynthetic organisms

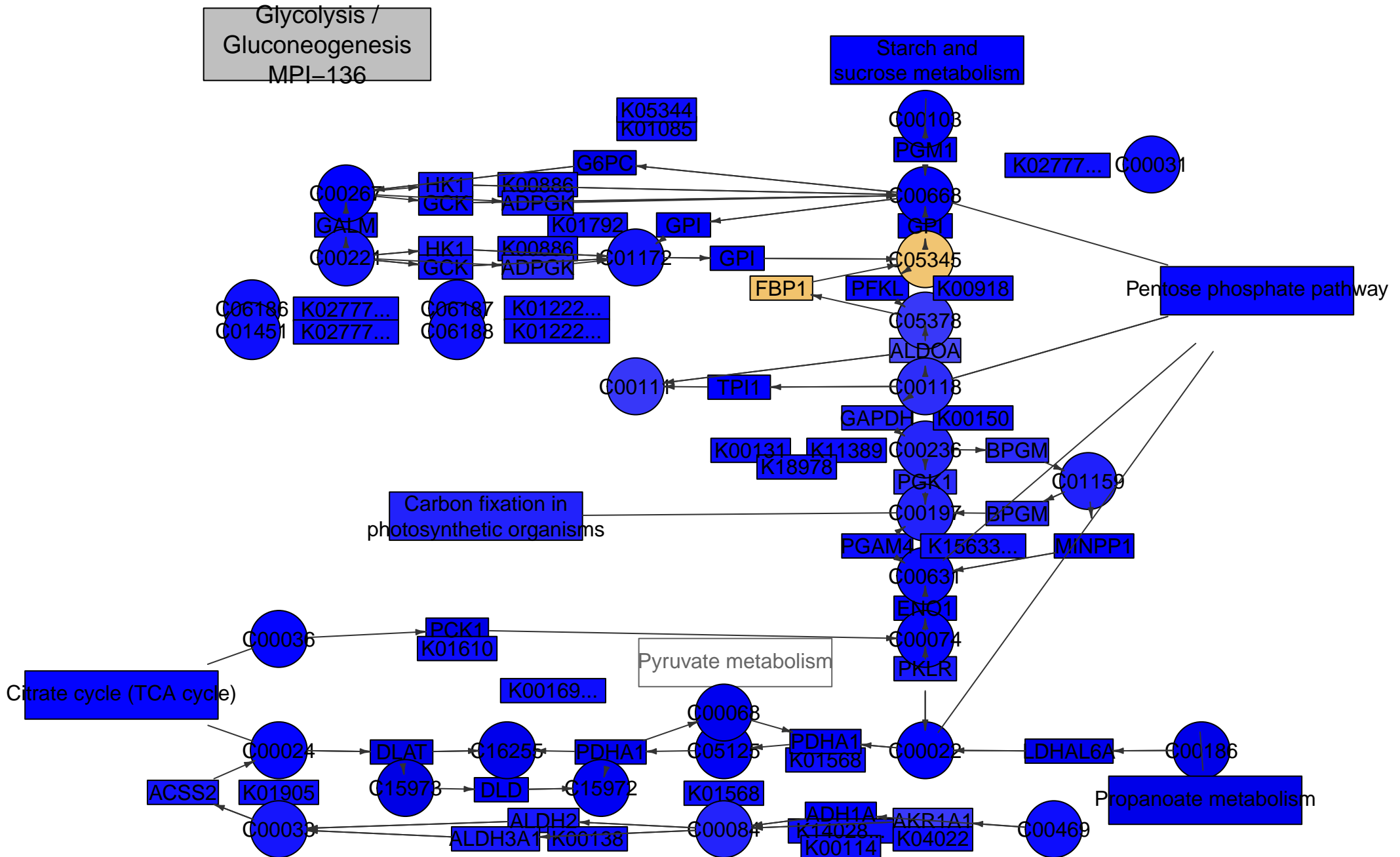
Pyruvate metabolism

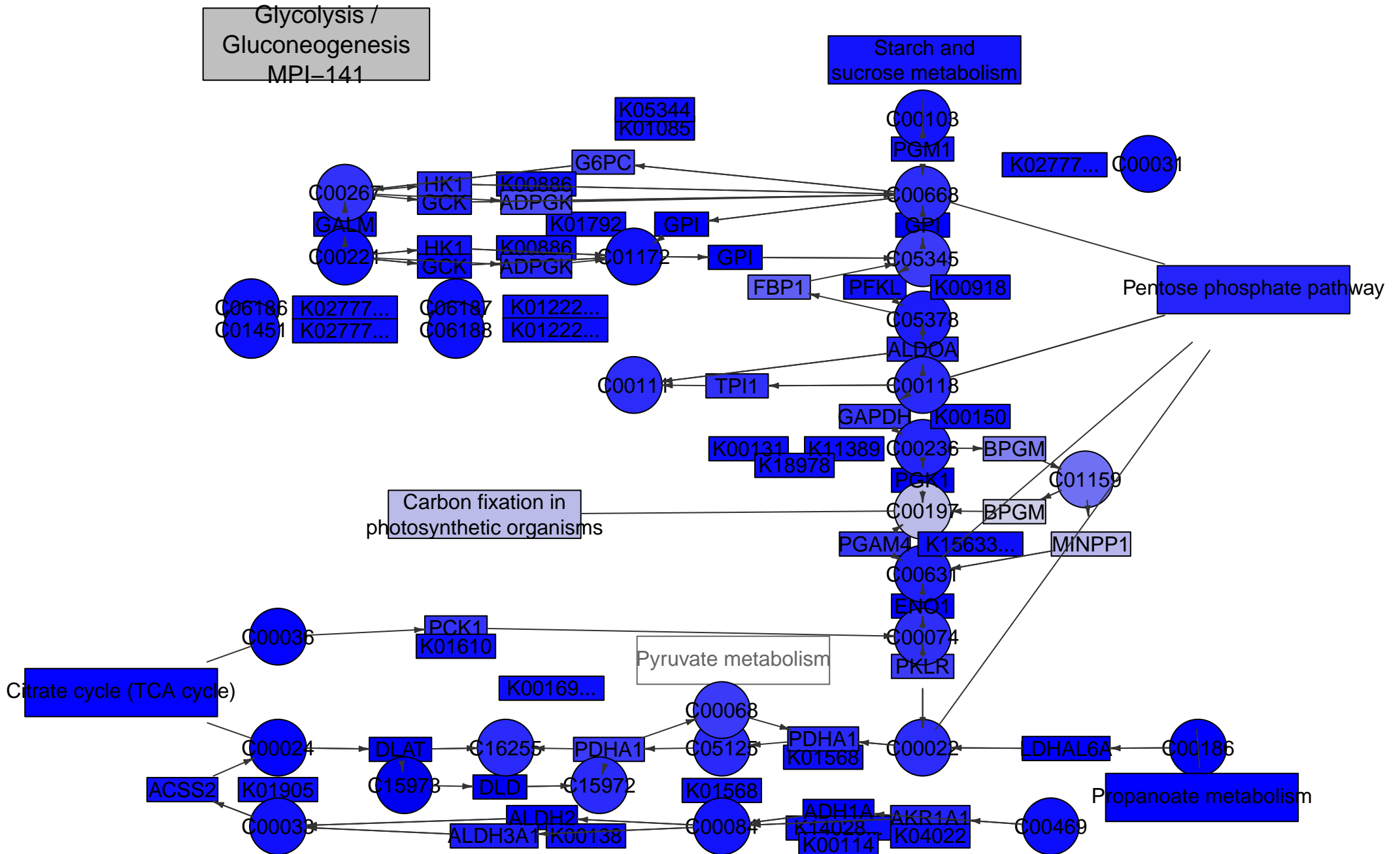
Citrate cycle (TCA cycle)

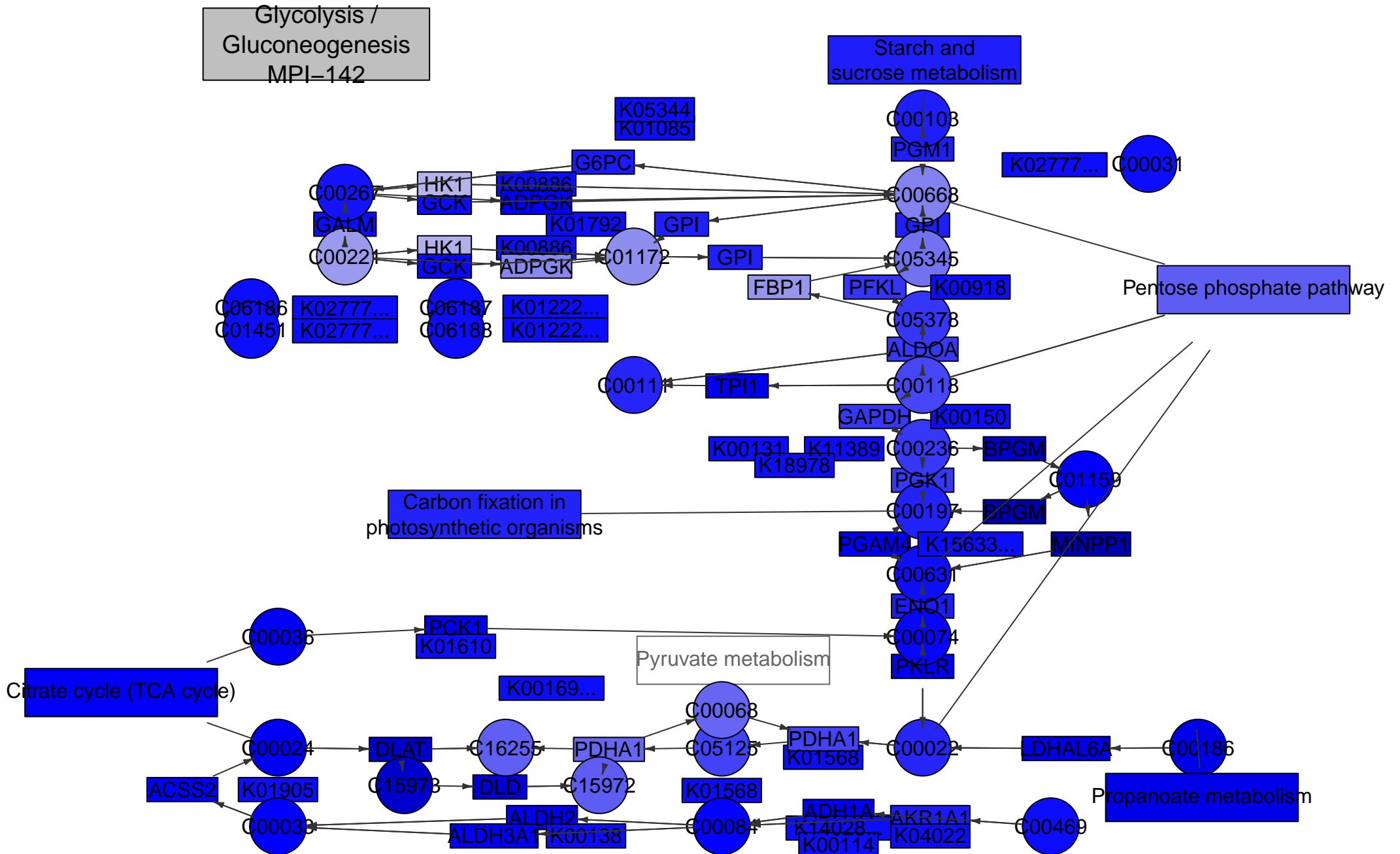
Propanoate metabolism

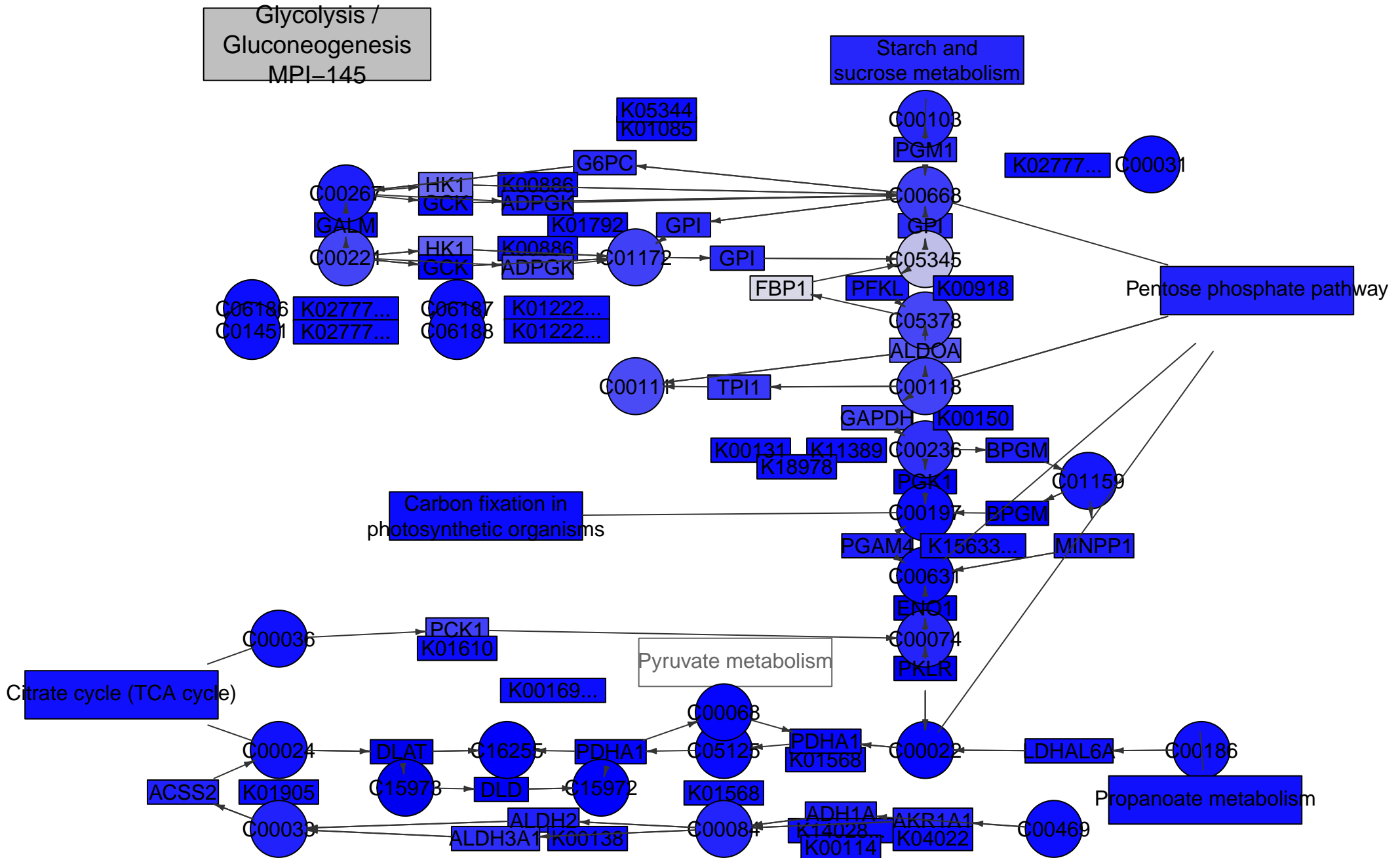






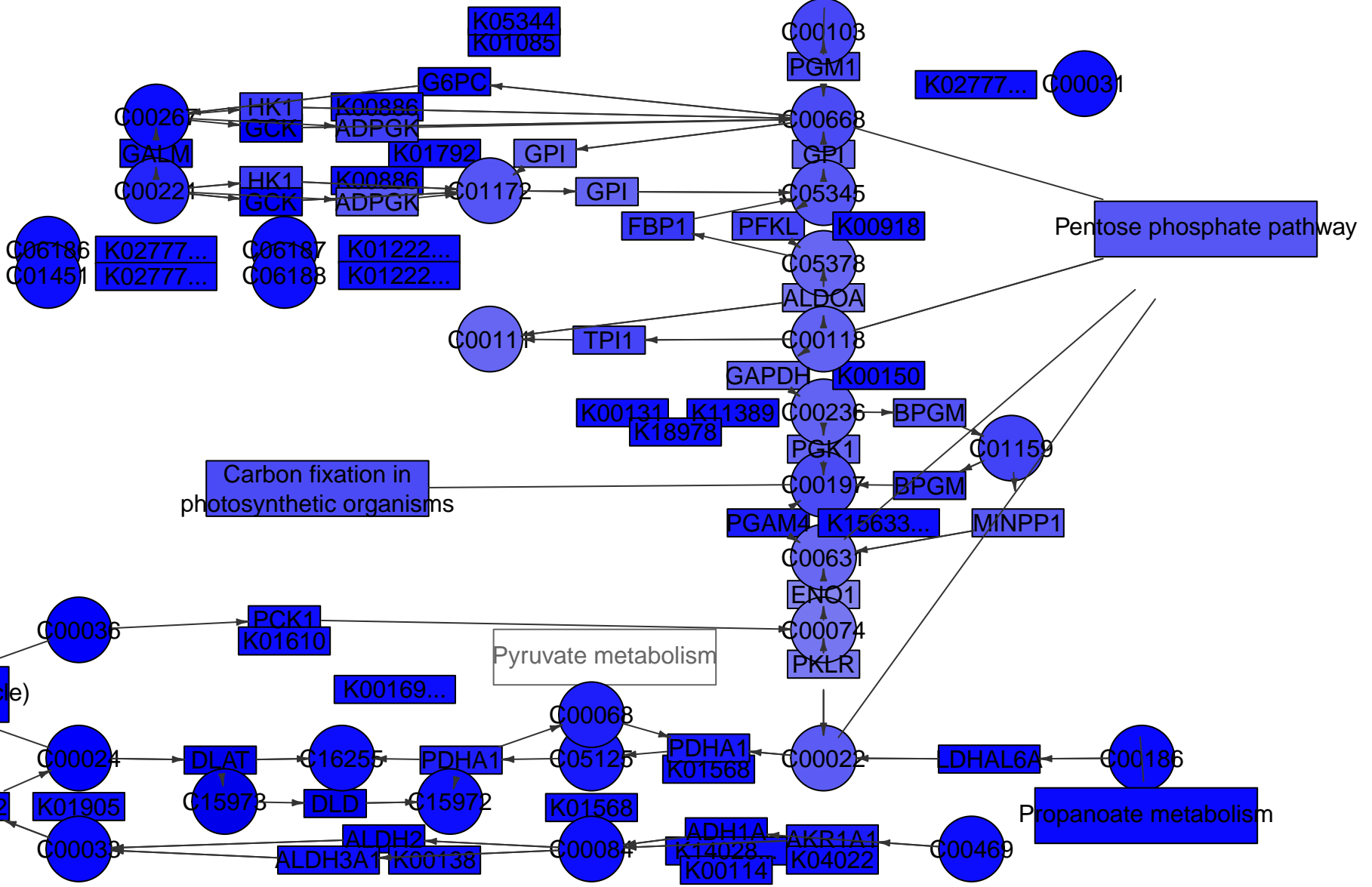






Glycolysis /  
Gluconeogenesis  
MPI-146

Starch and  
sucrose metabolism



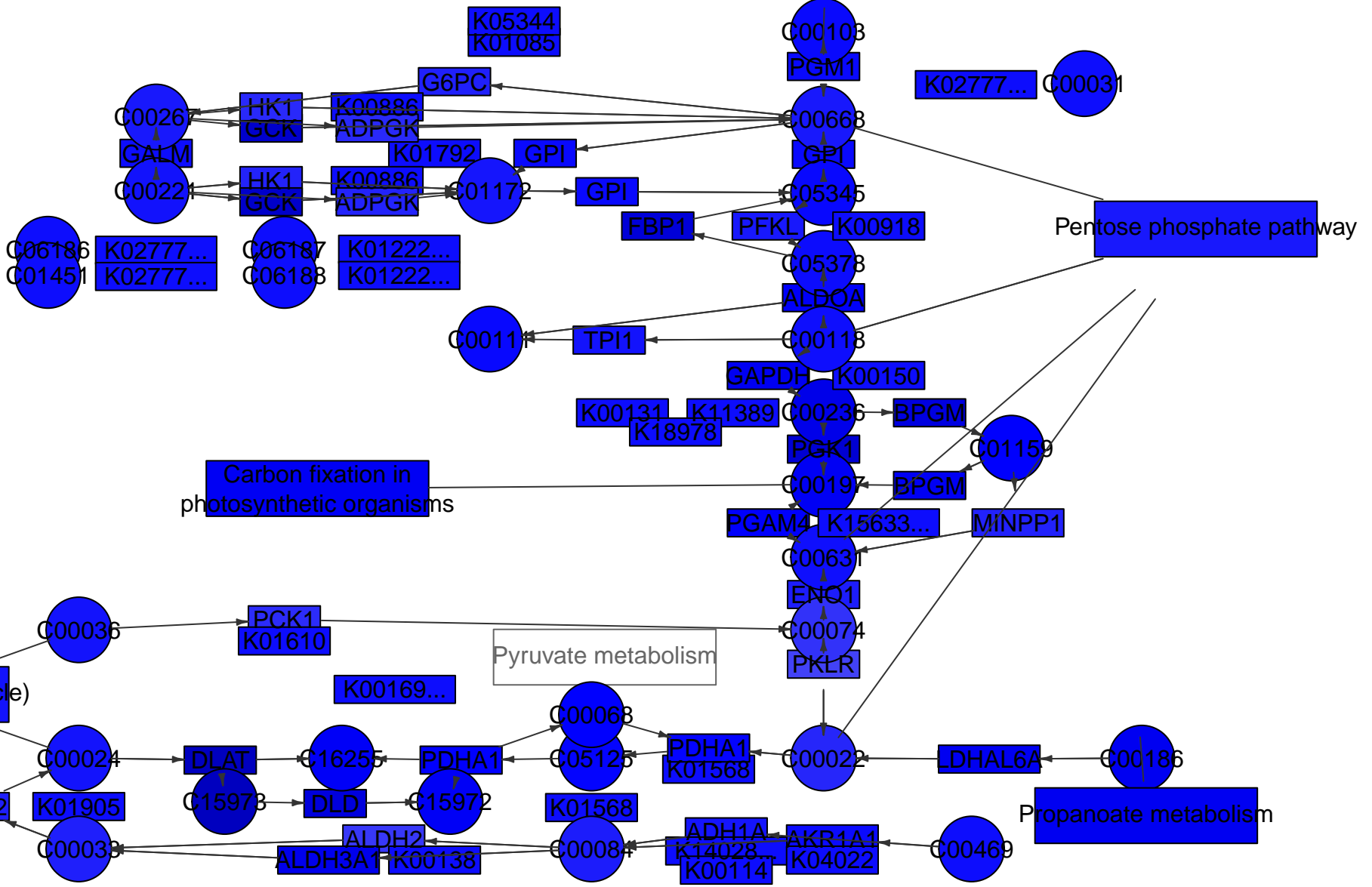
Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

Glycolysis /  
Gluconeogenesis  
MPI-149

Starch and  
sucrose metabolism



Pentose phosphate pathway

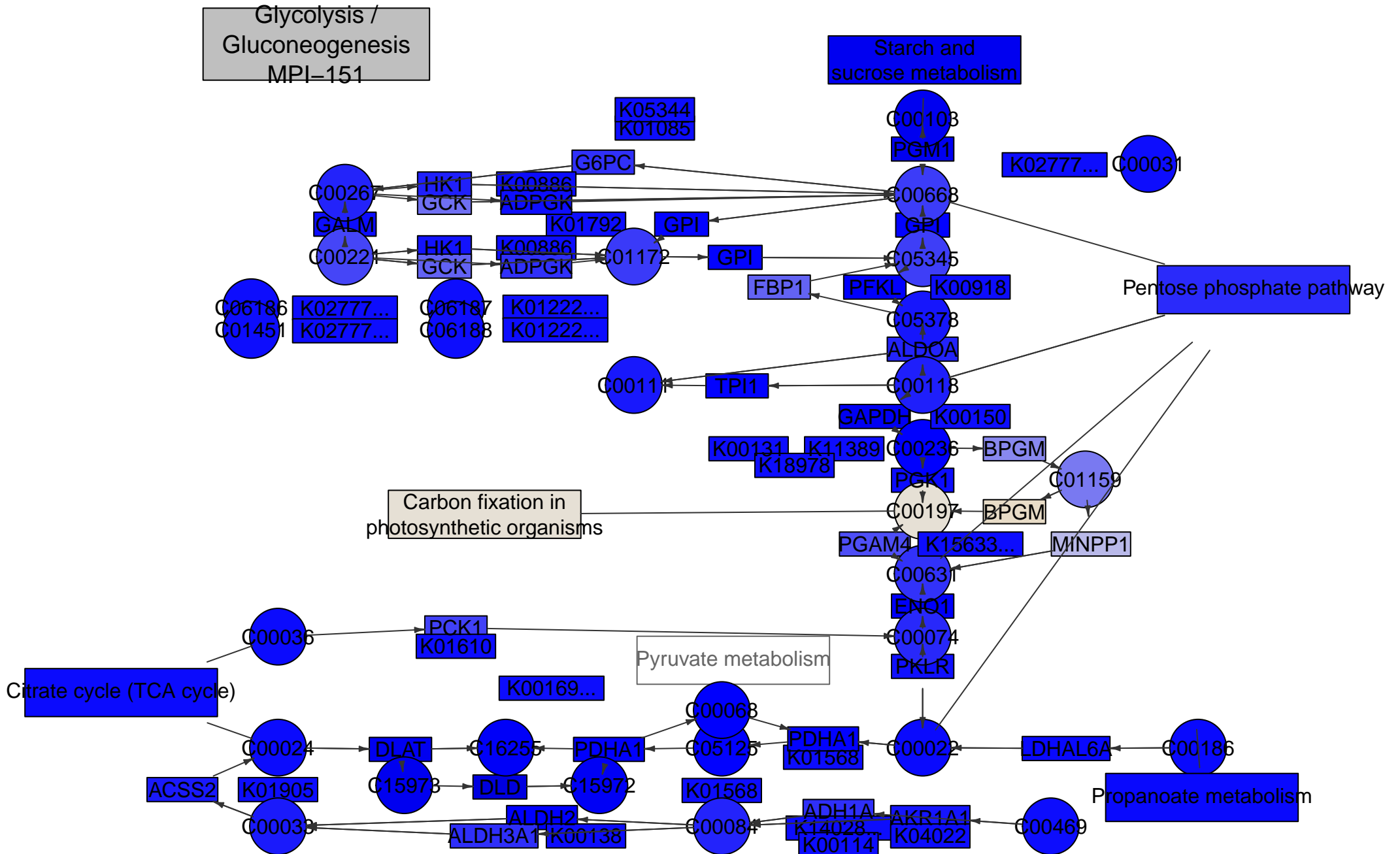
Carbon fixation in  
photosynthetic organisms

Pyruvate metabolism

Citrate cycle (TCA cycle)

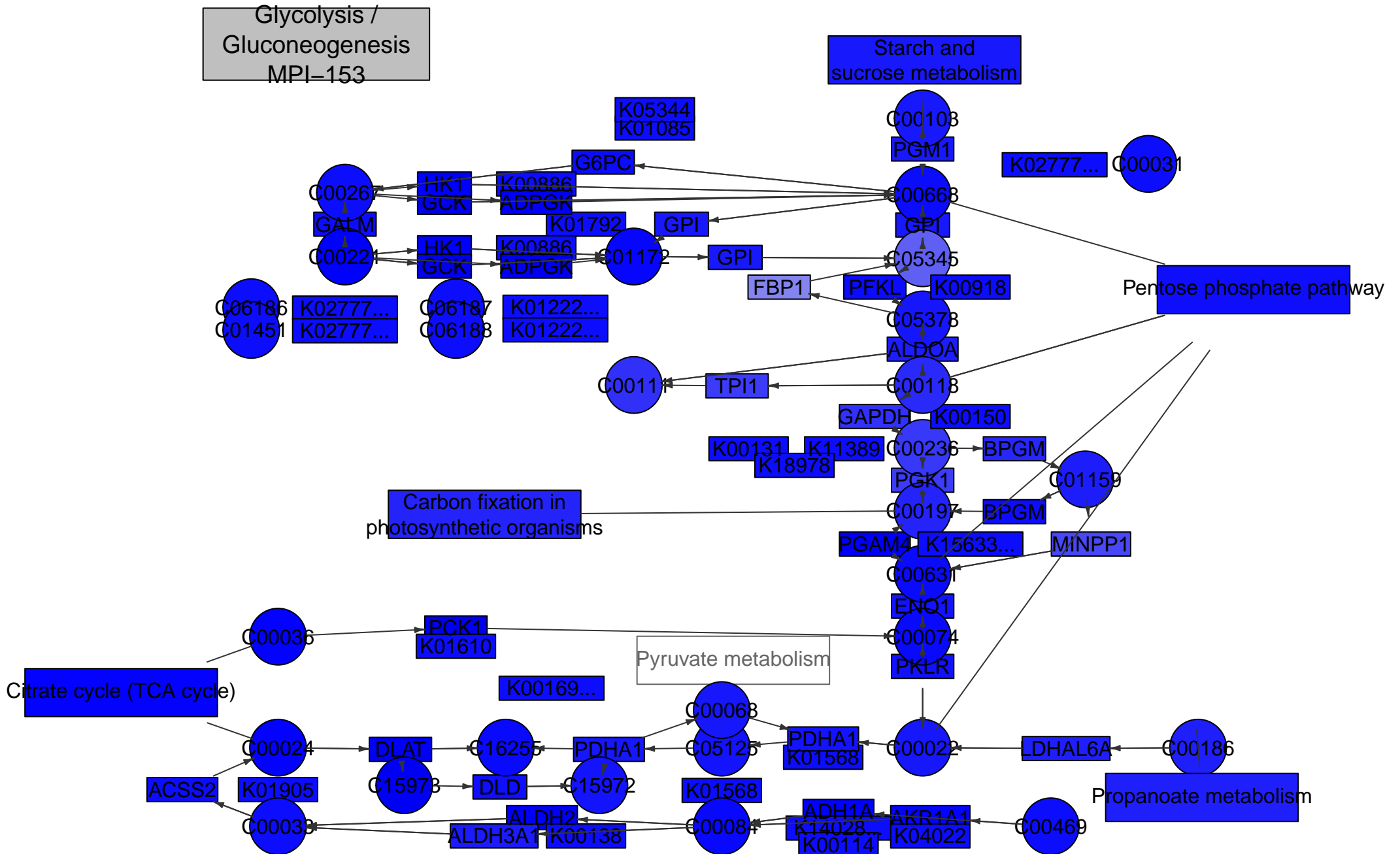
Propanoate metabolism











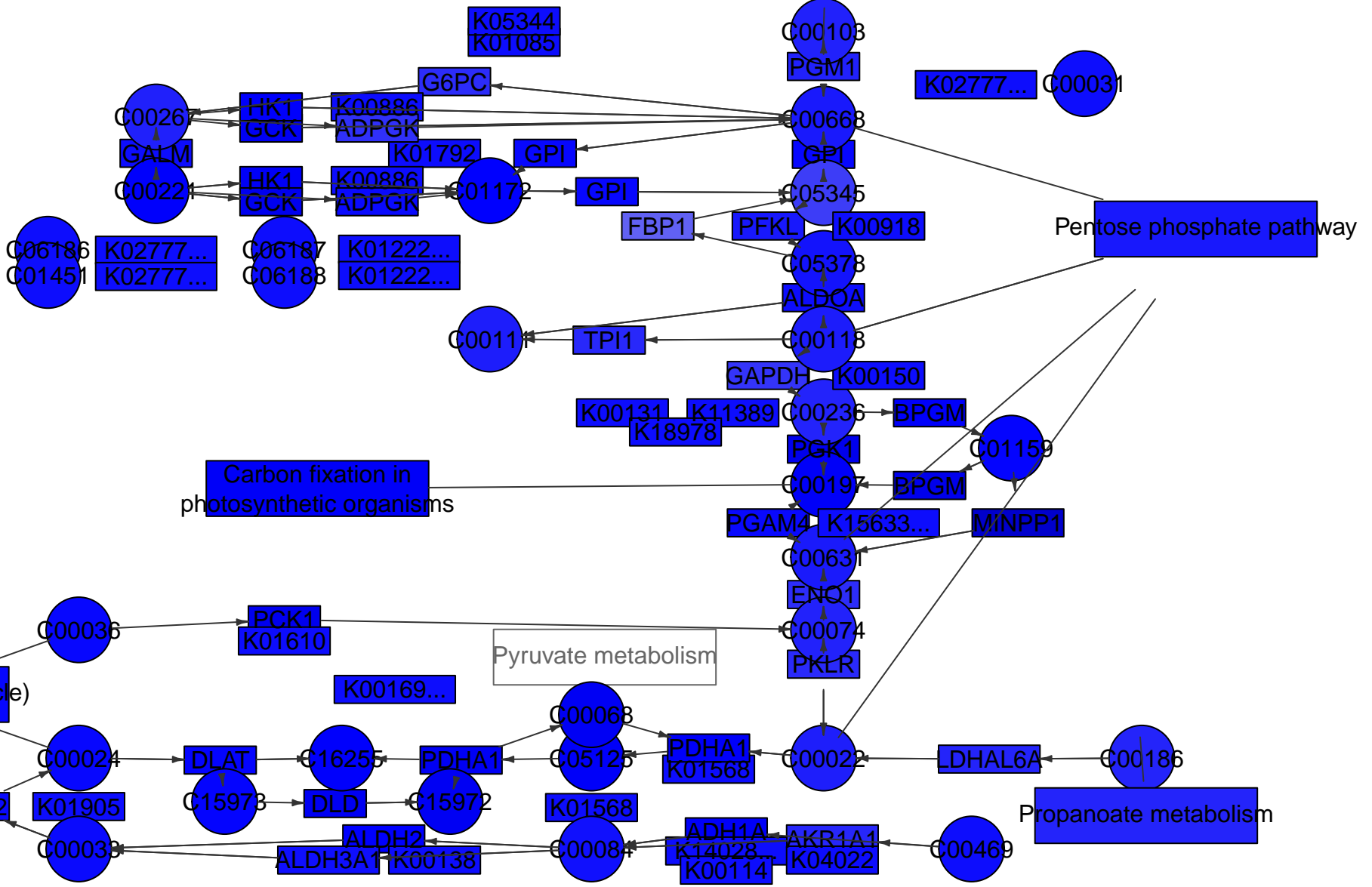






Glycolysis /  
Gluconeogenesis  
MPI-163

Starch and  
sucrose metabolism



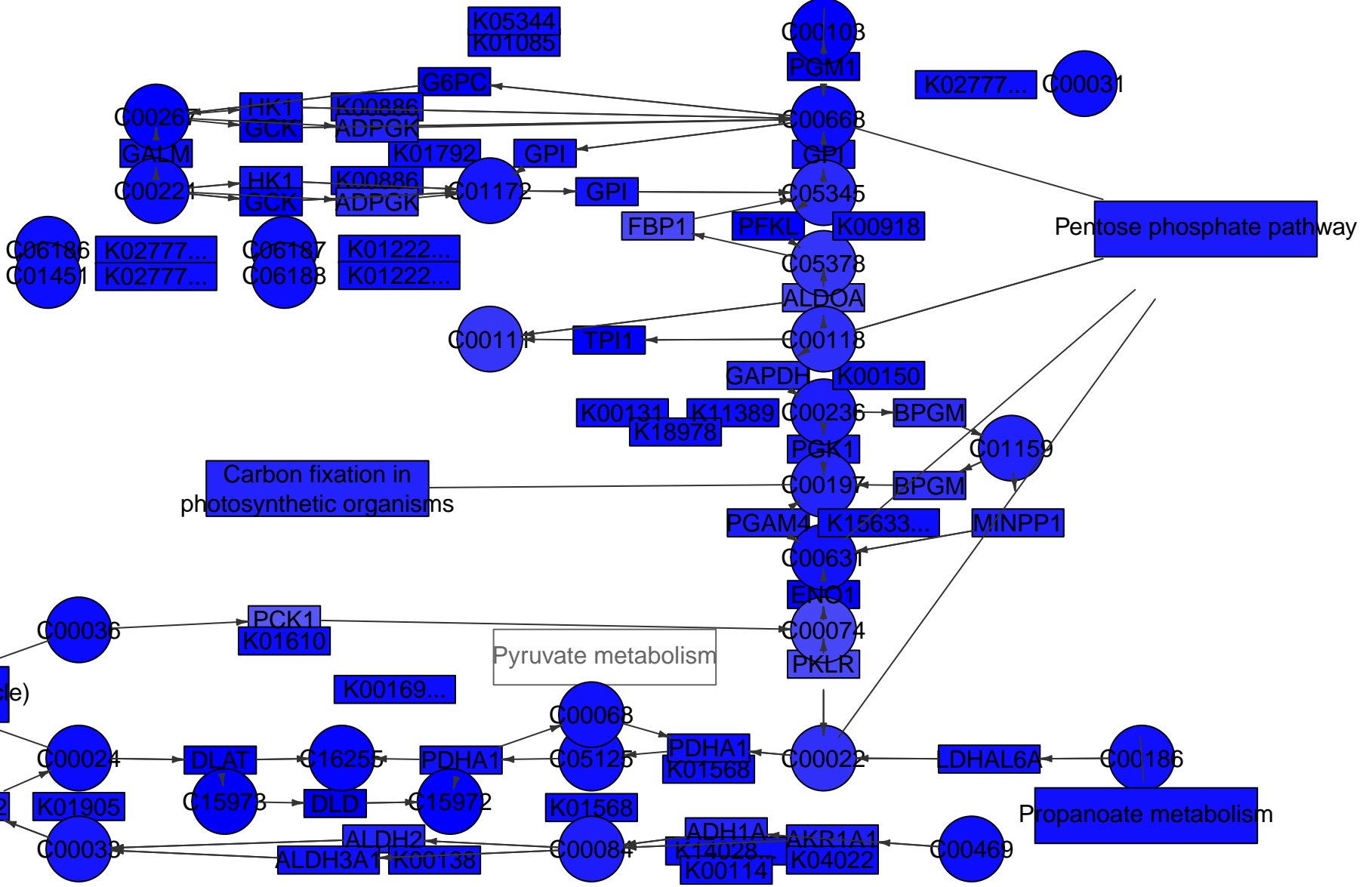
Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

Glycolysis /  
Gluconeogenesis  
MPI-164

Starch and  
sucrose metabolism



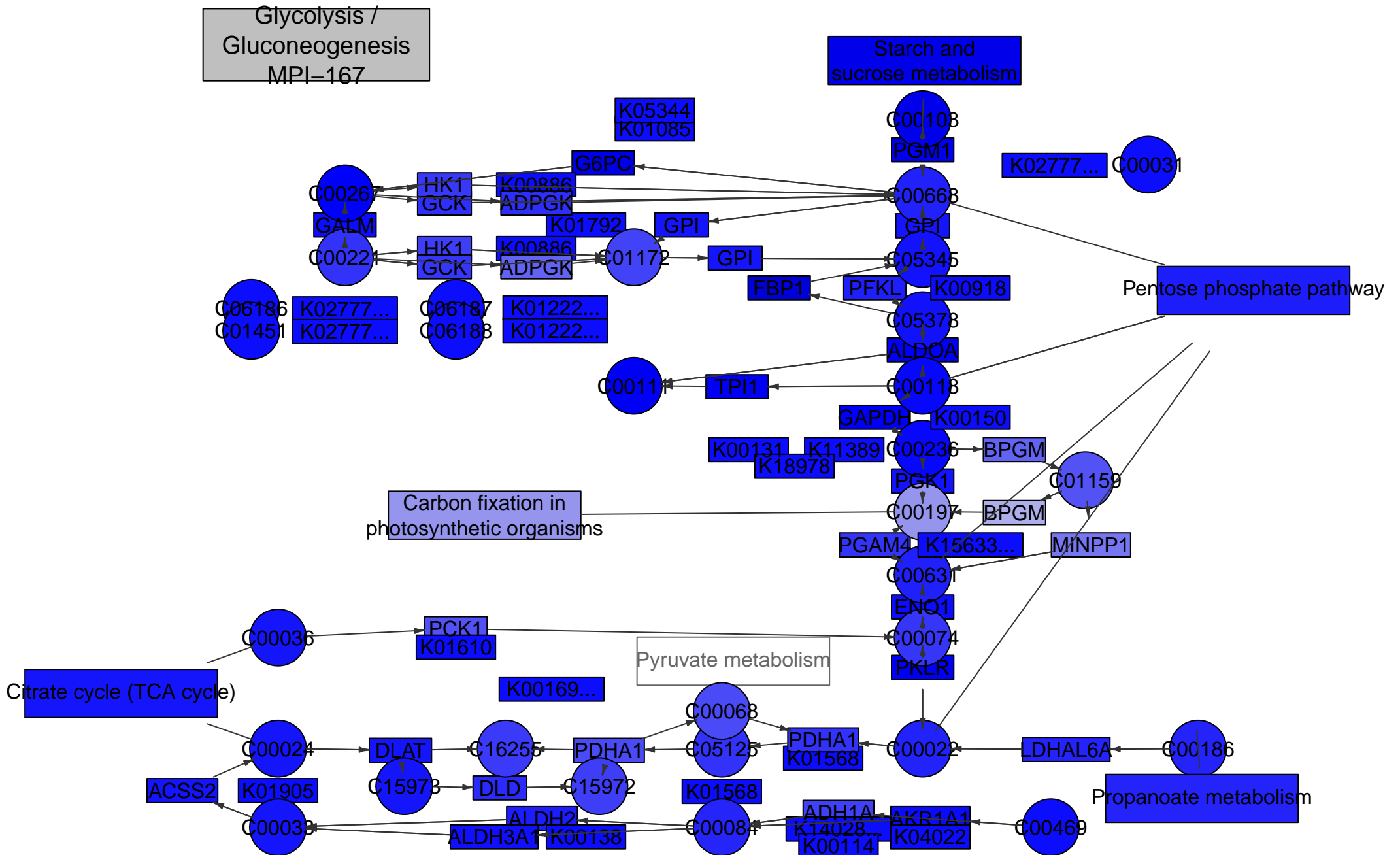
Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

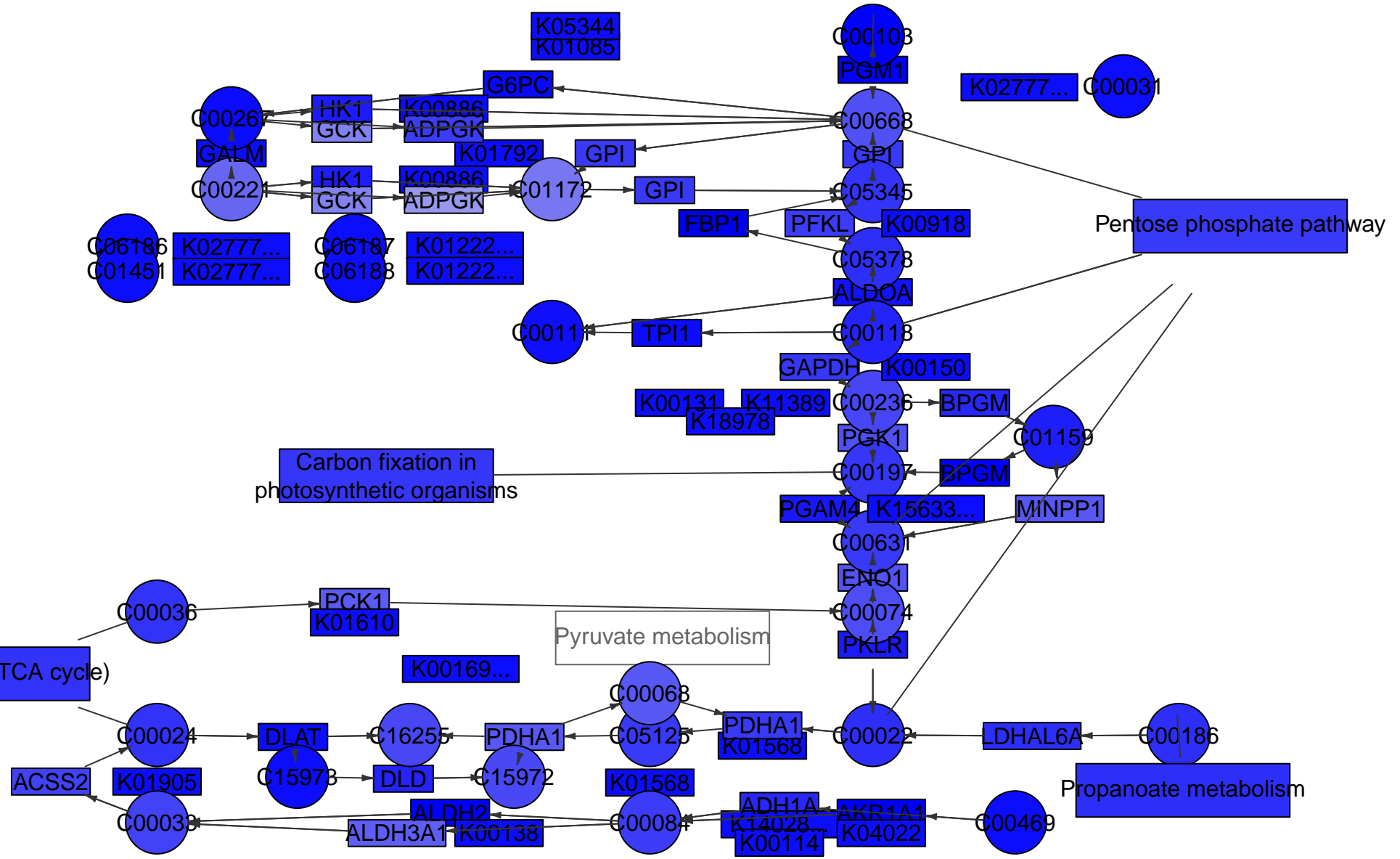


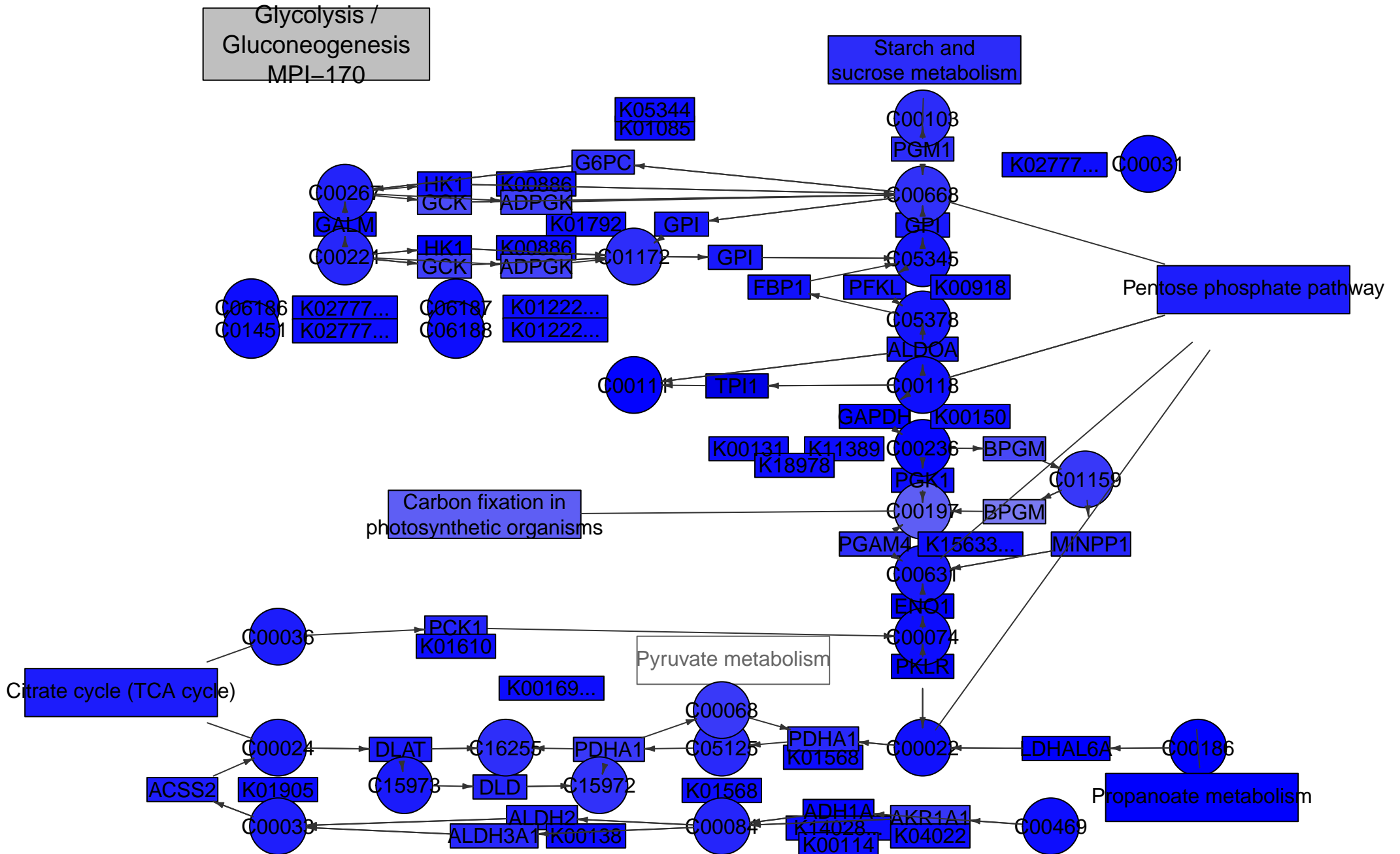




Glycolysis /  
Gluconeogenesis  
MPI-168

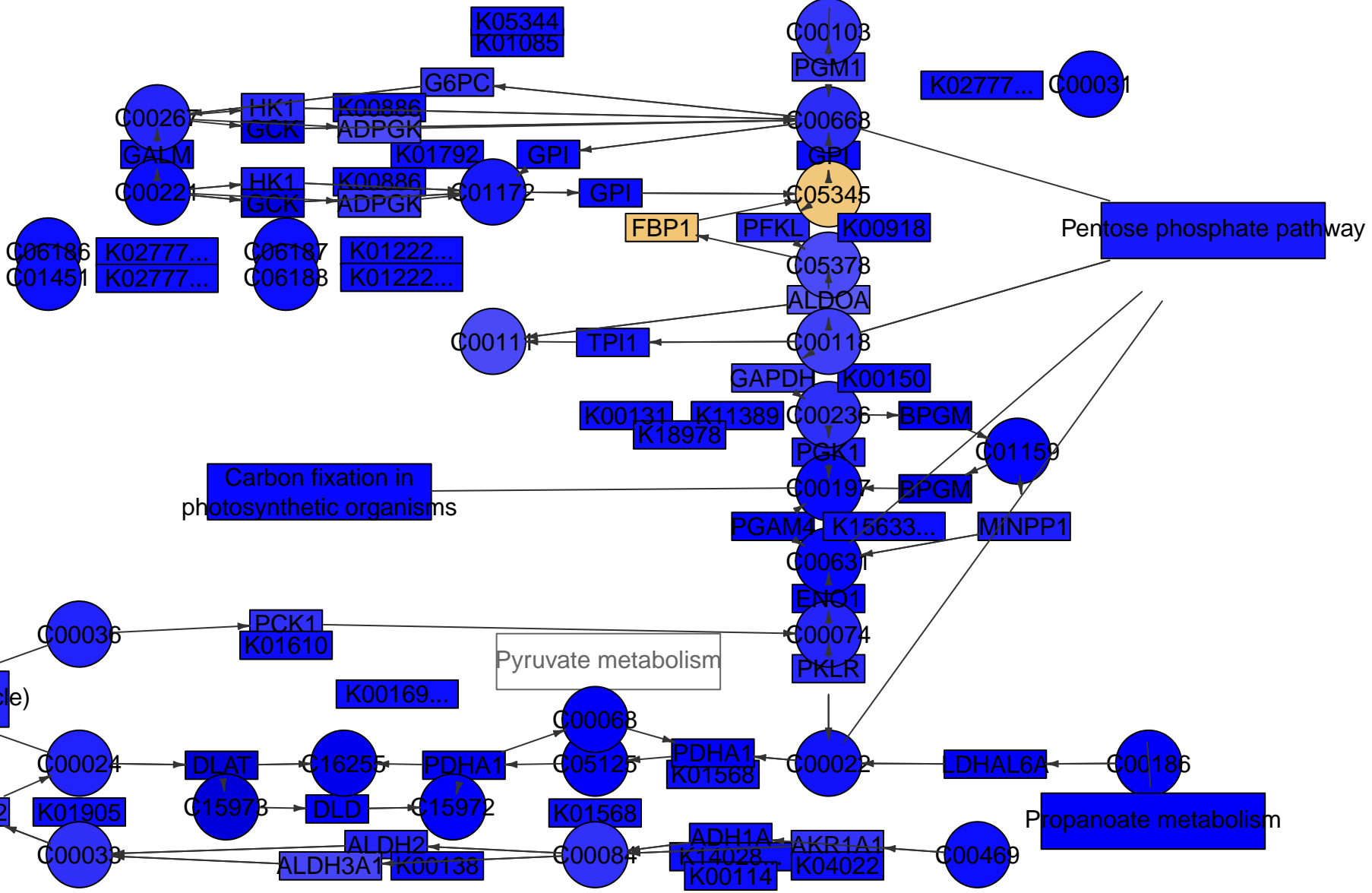
Starch and  
sucrose metabolism





Glycolysis /  
Gluconeogenesis  
MPI-173

Starch and  
sucrose metabolism



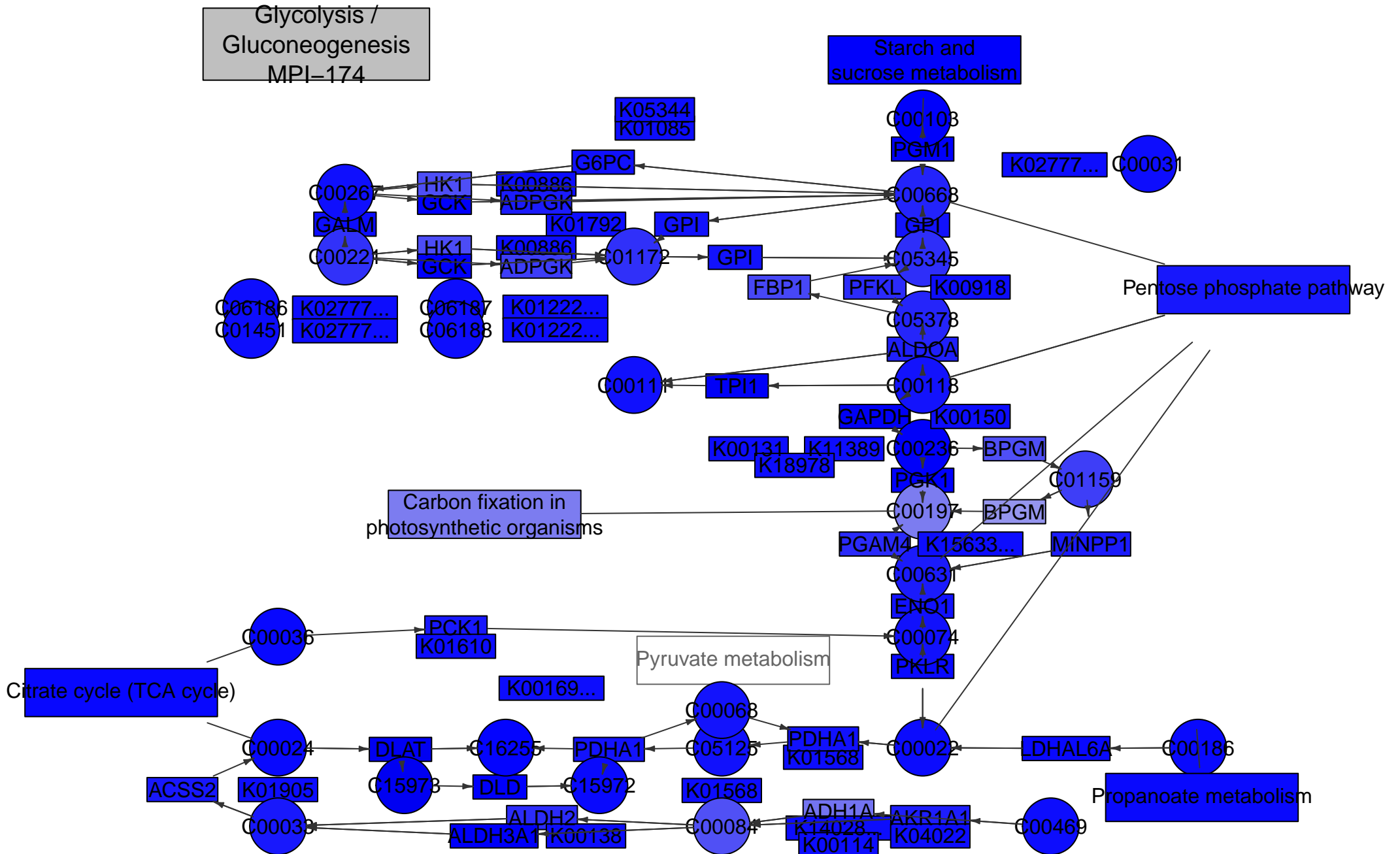
Pentose phosphate pathway

Carbon fixation in  
photosynthetic organisms

Pyruvate metabolism

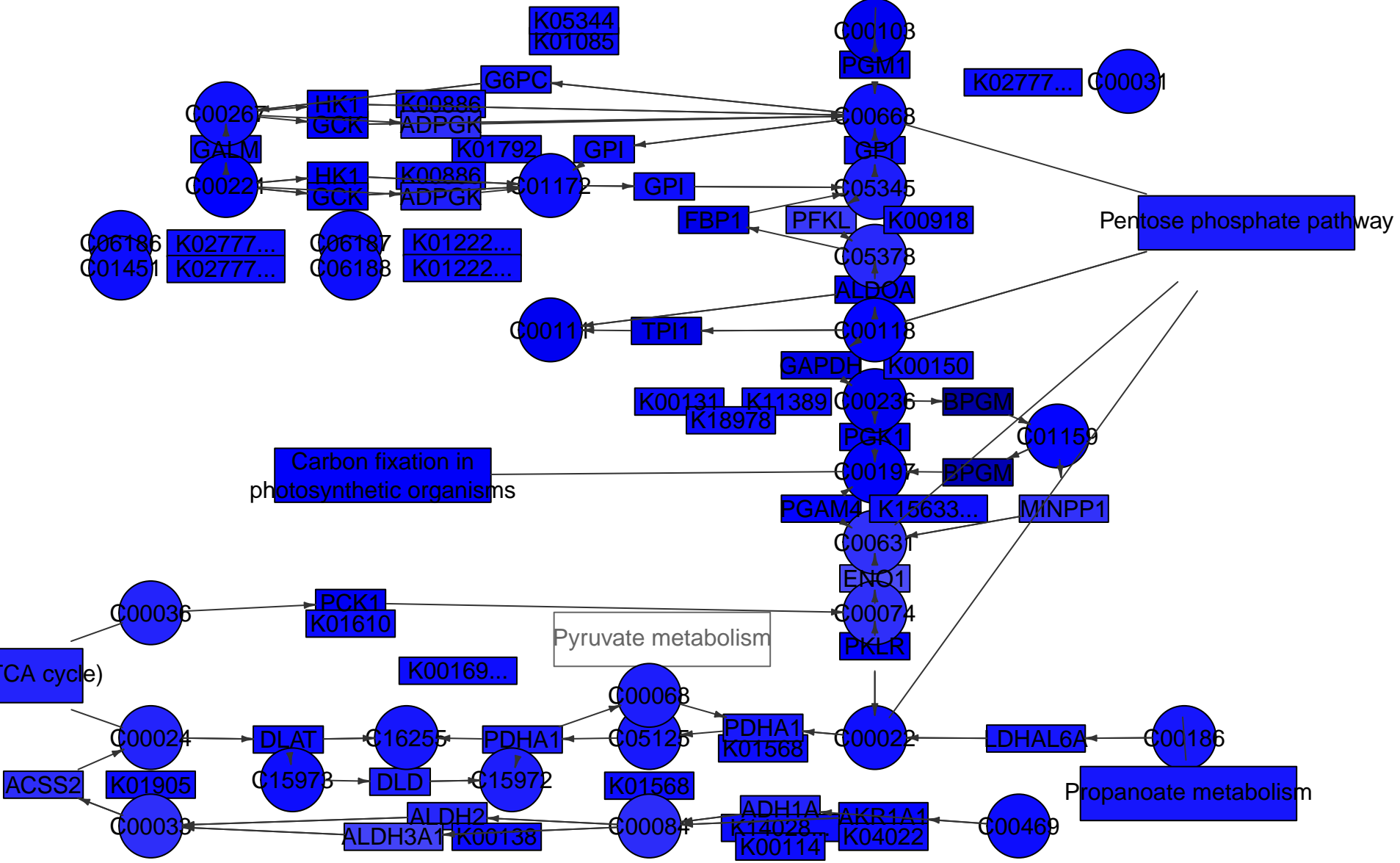
Citrate cycle (TCA cycle)

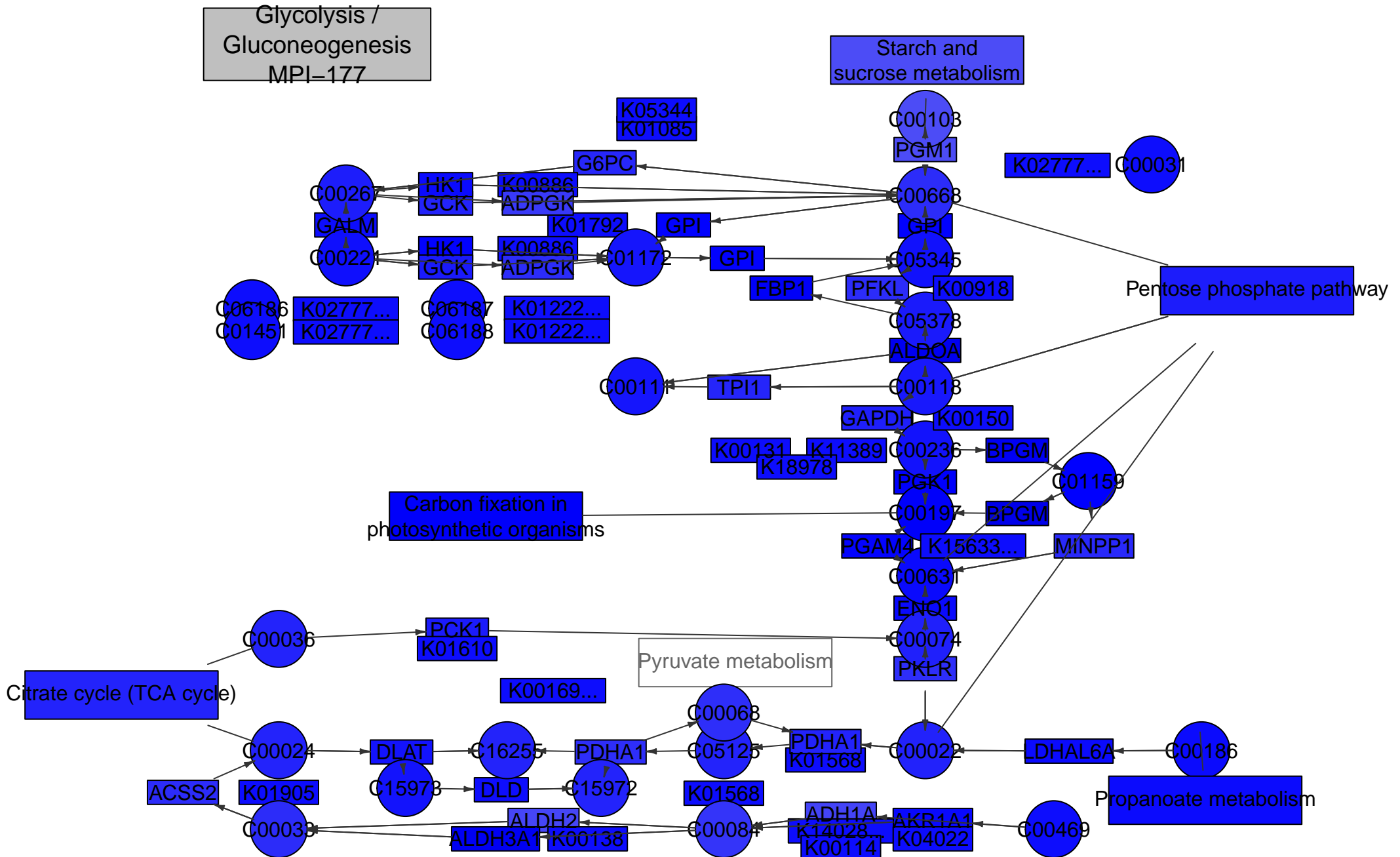
Propanoate metabolism

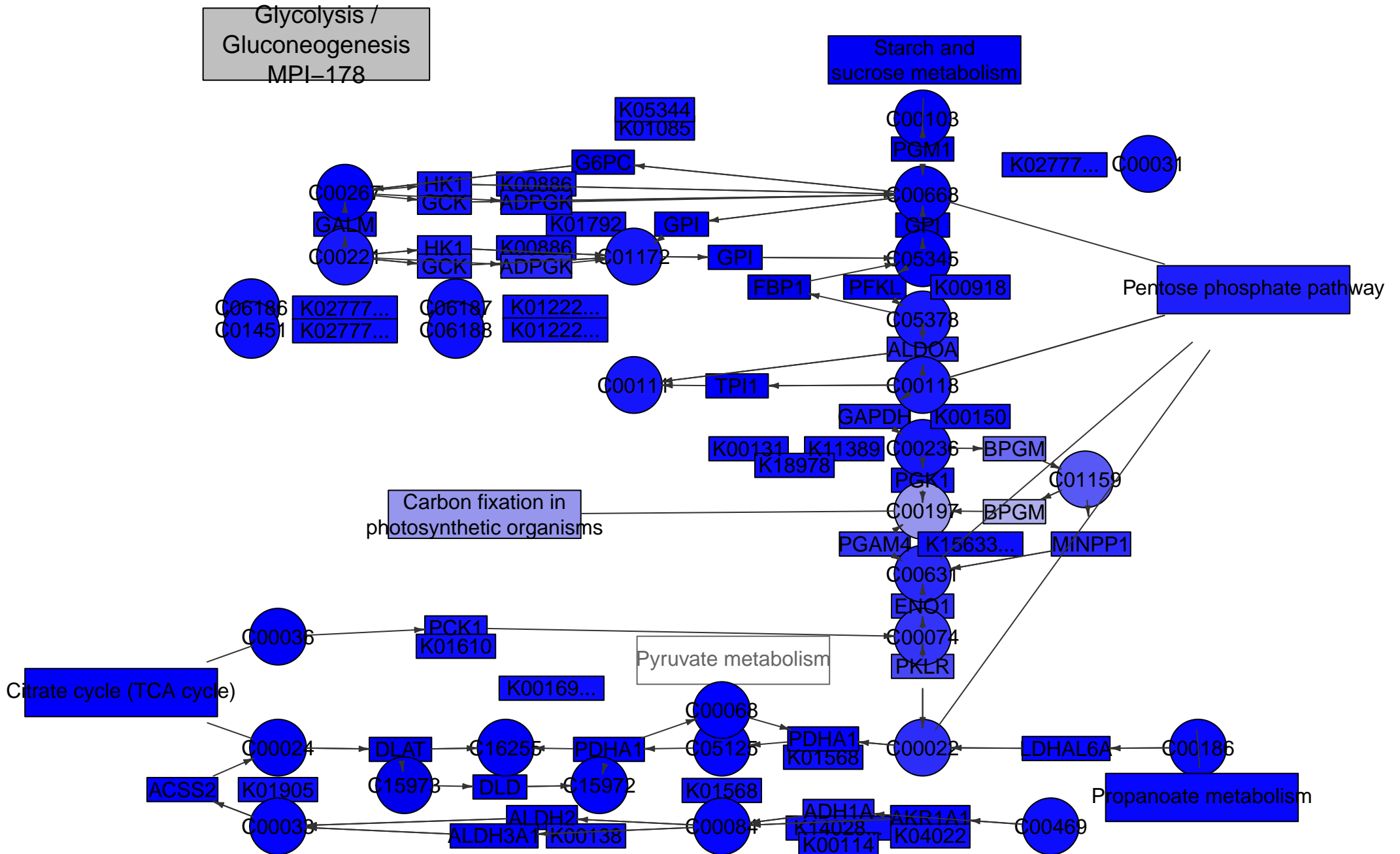


Glycolysis /  
Gluconeogenesis  
MPI-176

Starch and  
sucrose metabolism

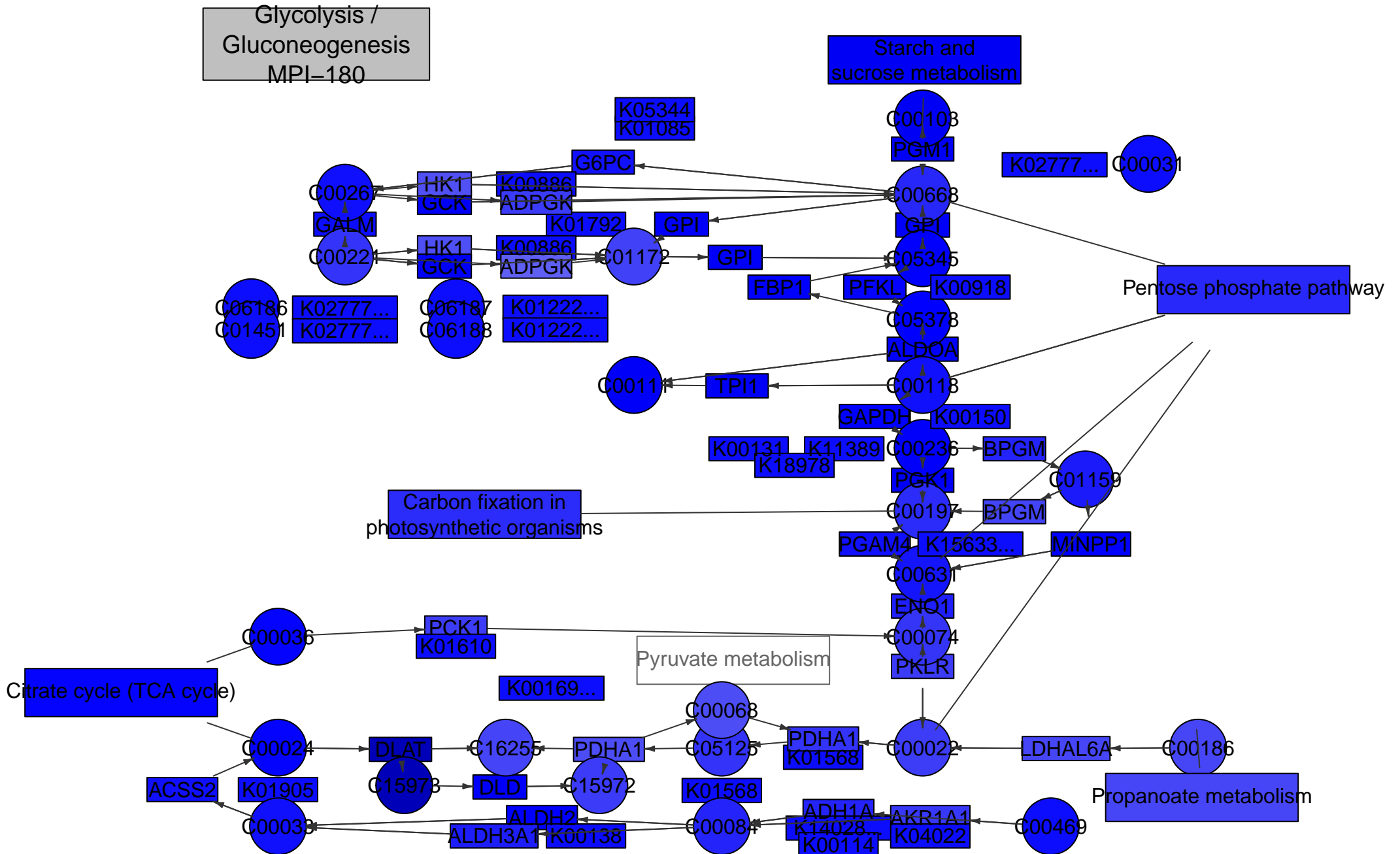


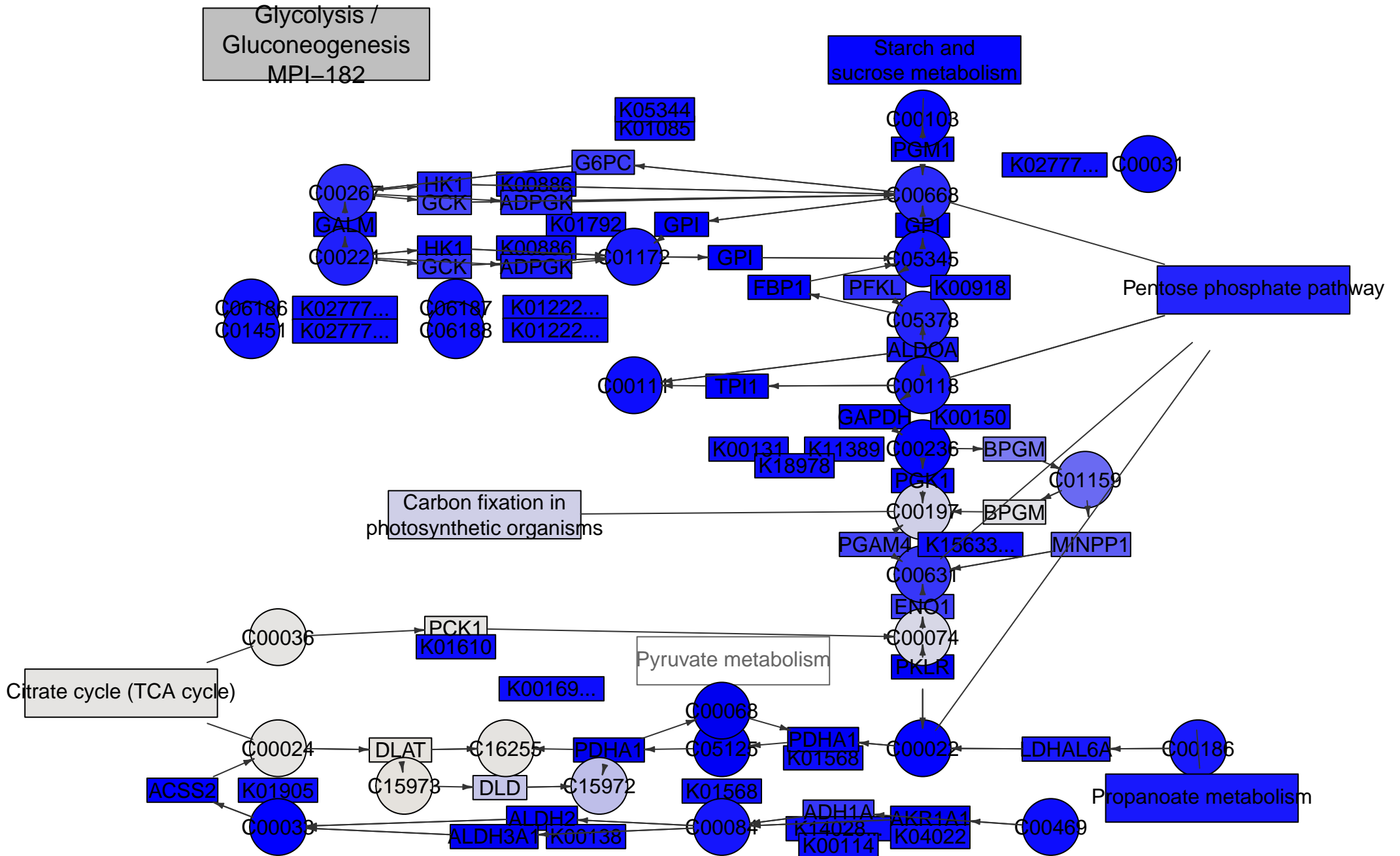


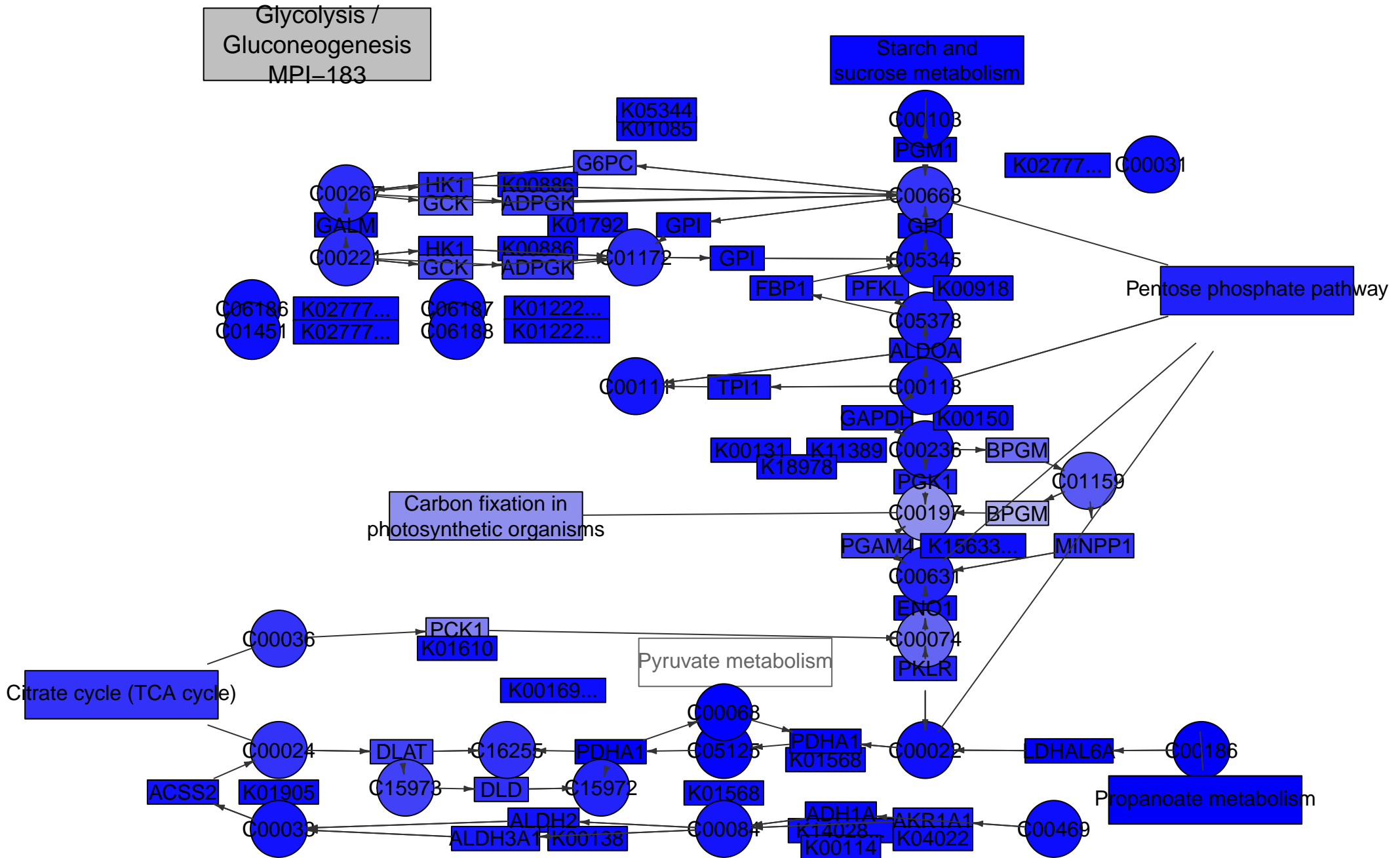




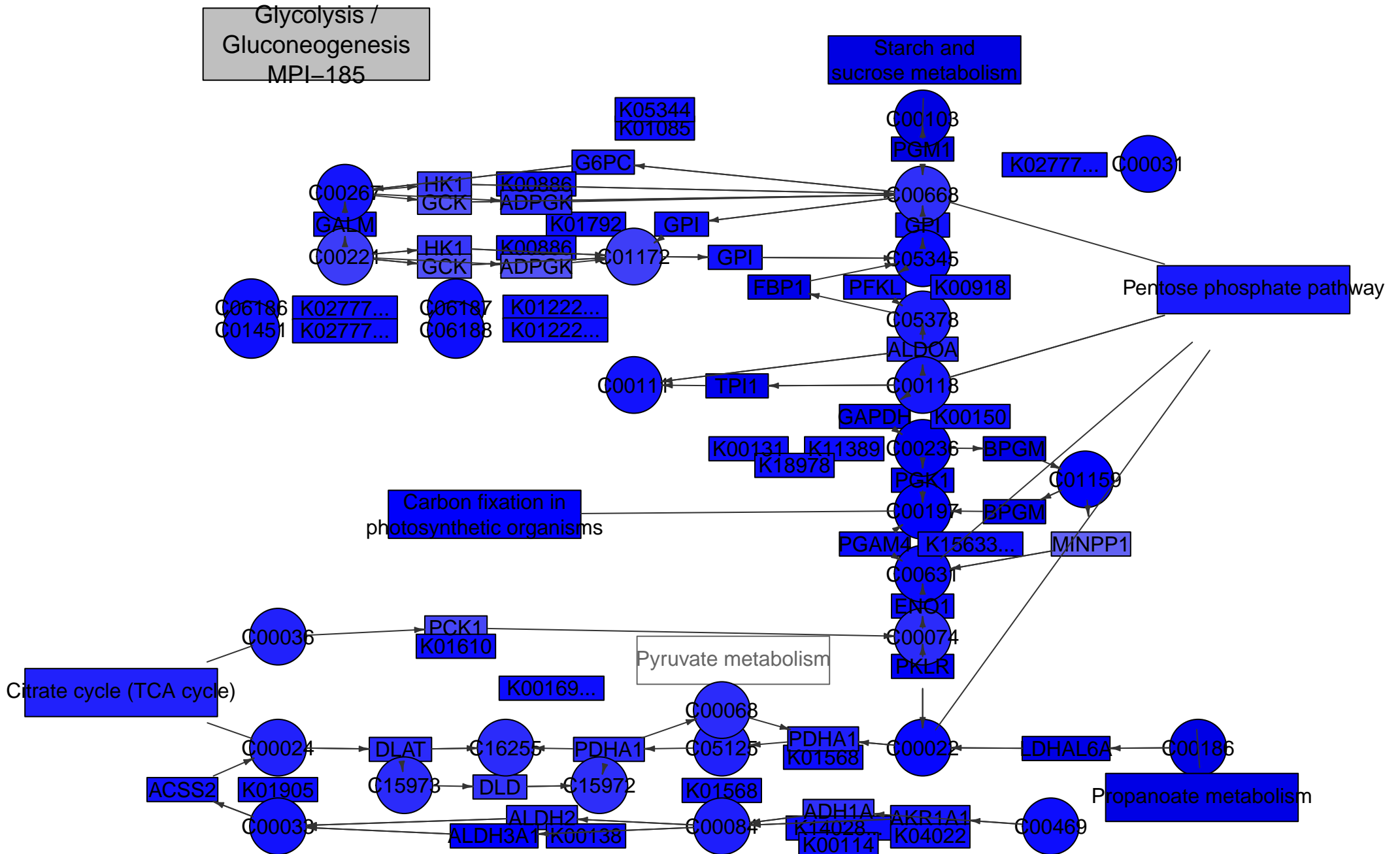












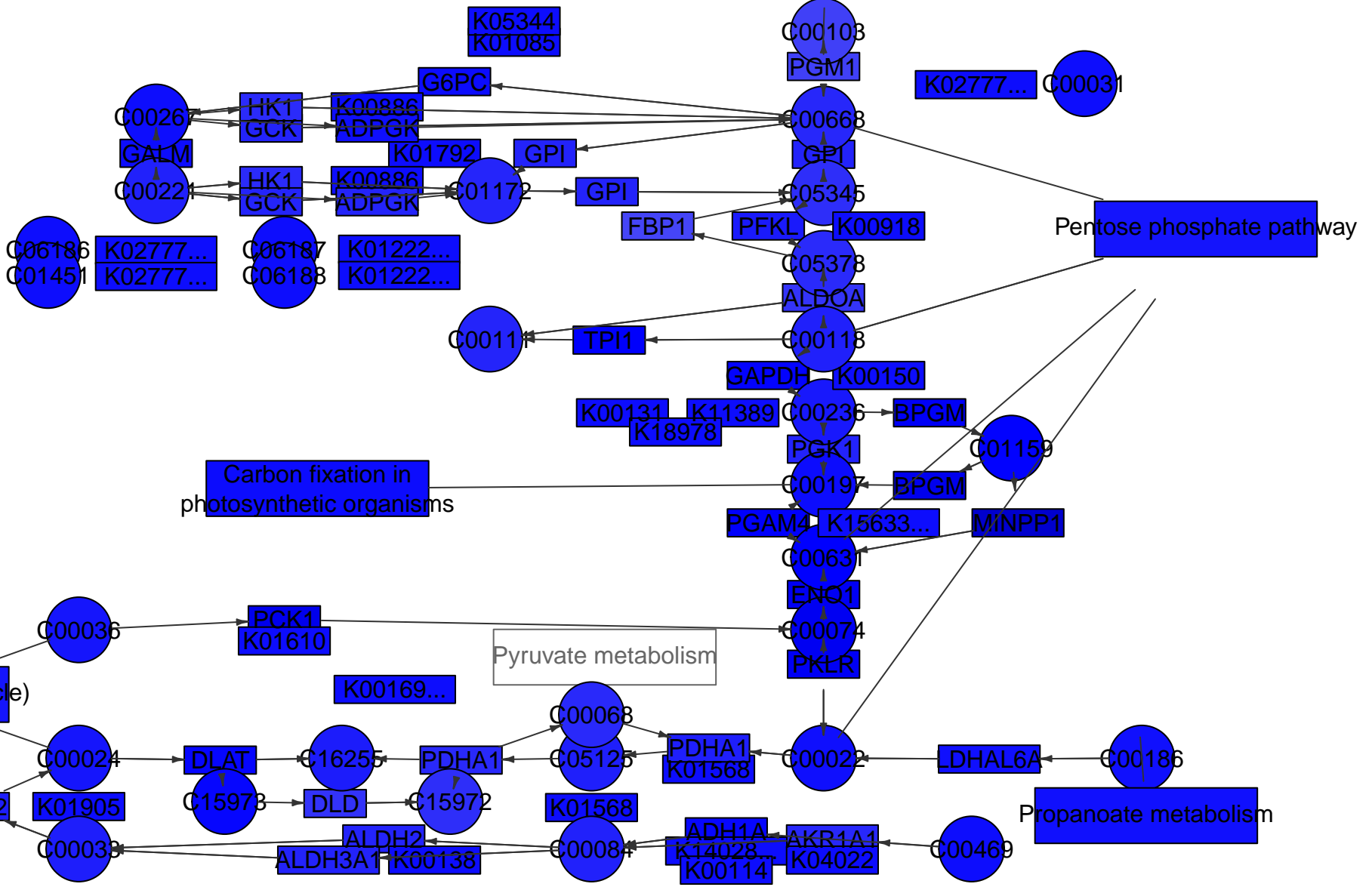




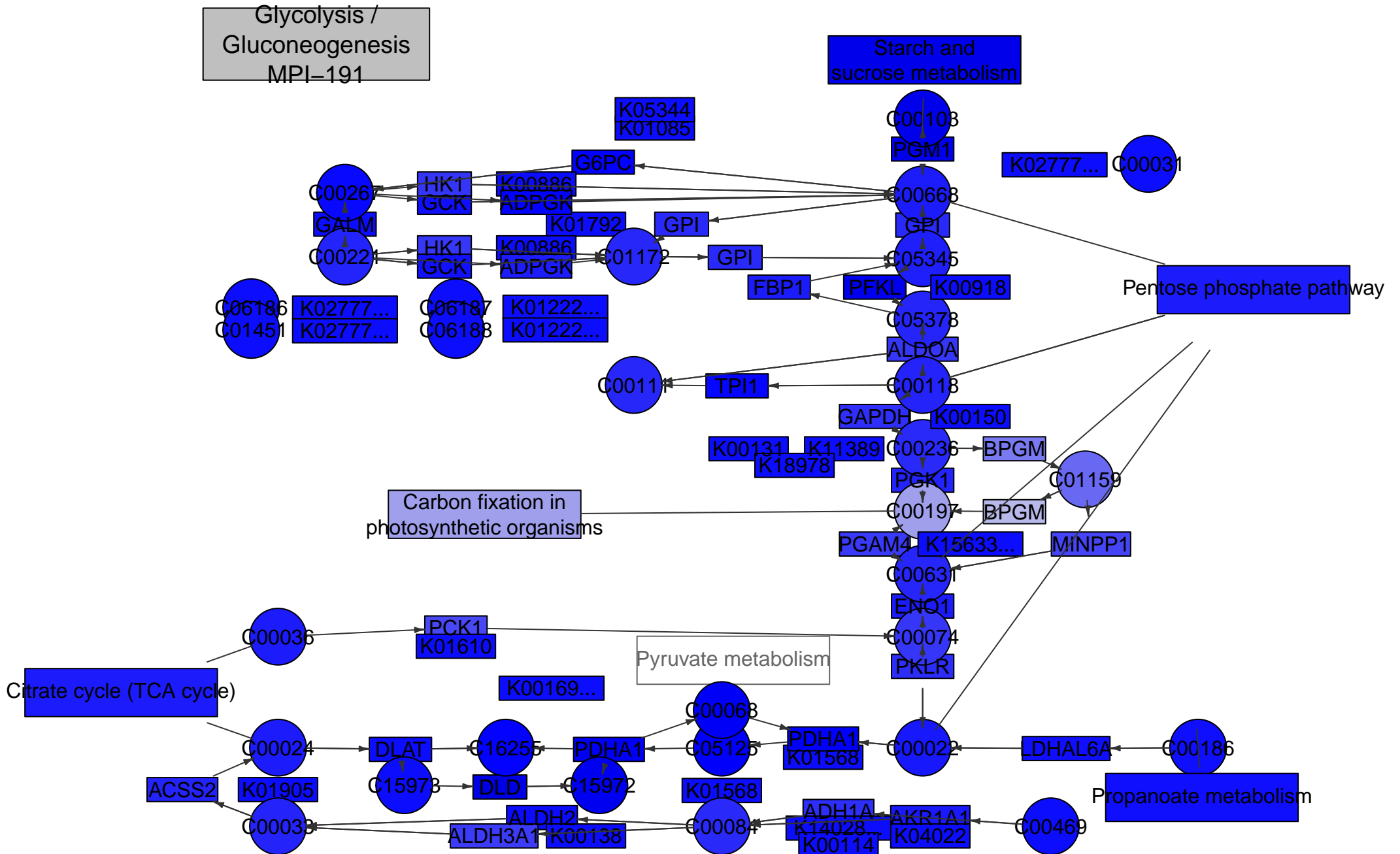


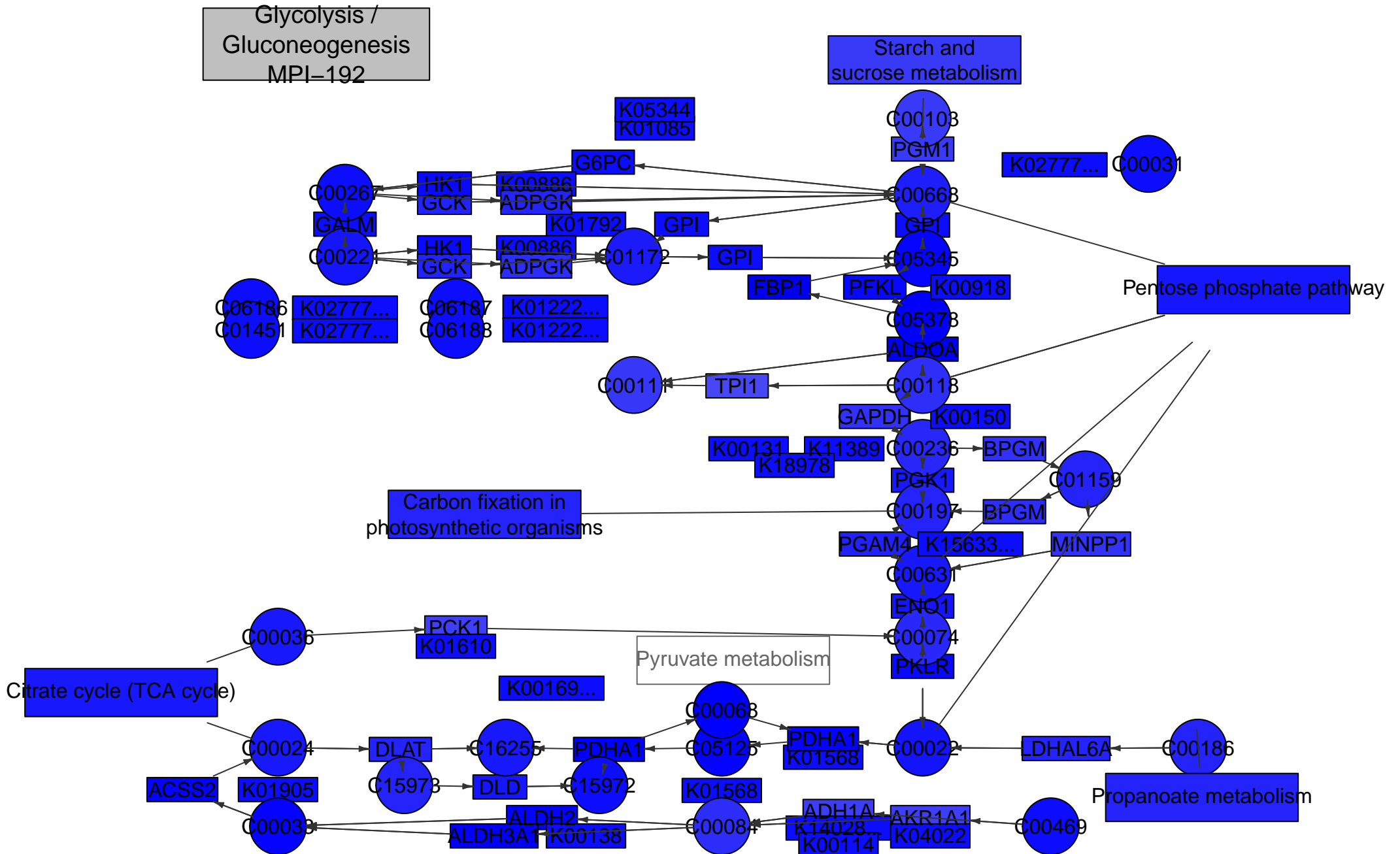
Glycolysis /  
Gluconeogenesis  
MPI-189

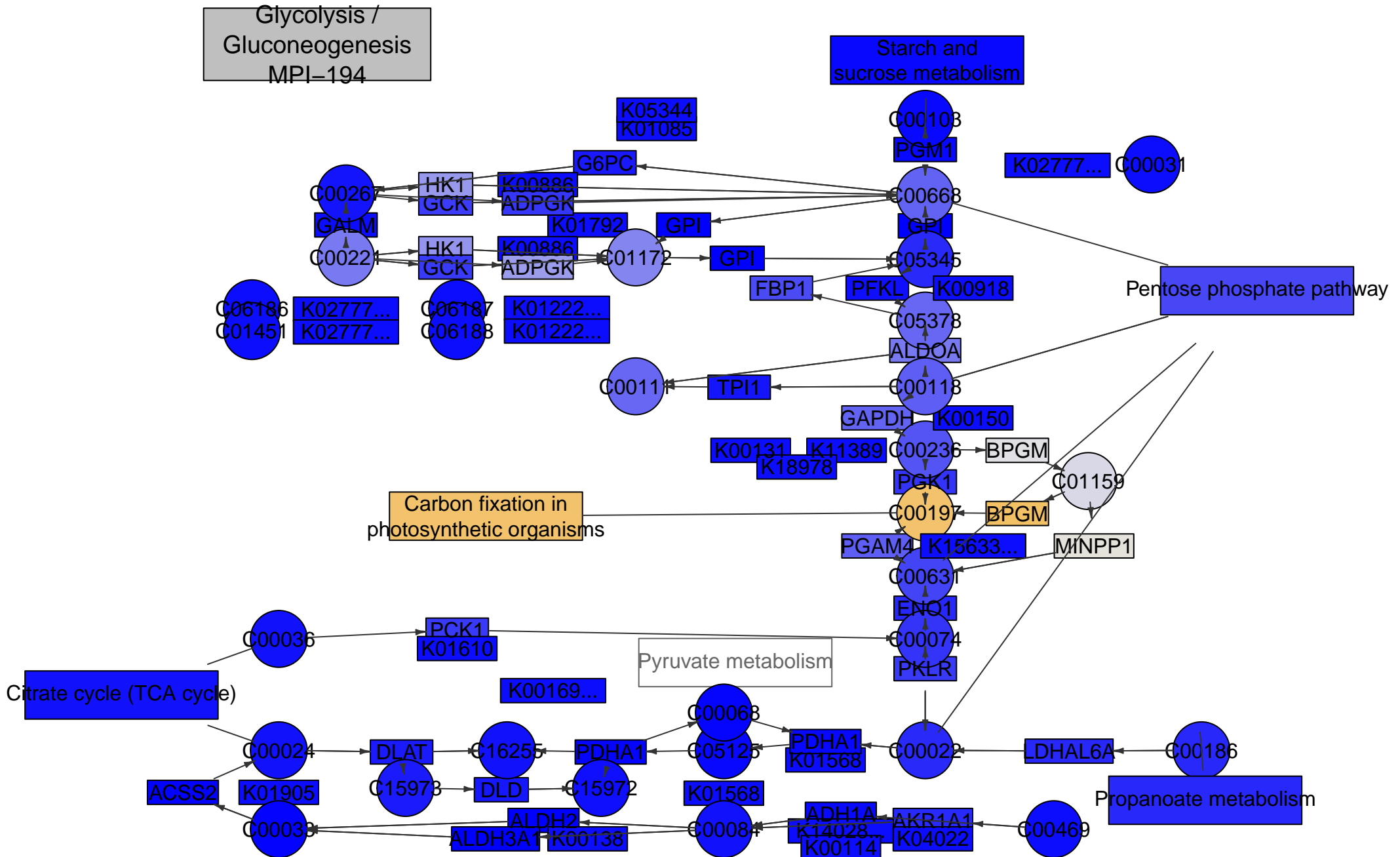
Starch and  
sucrose metabolism



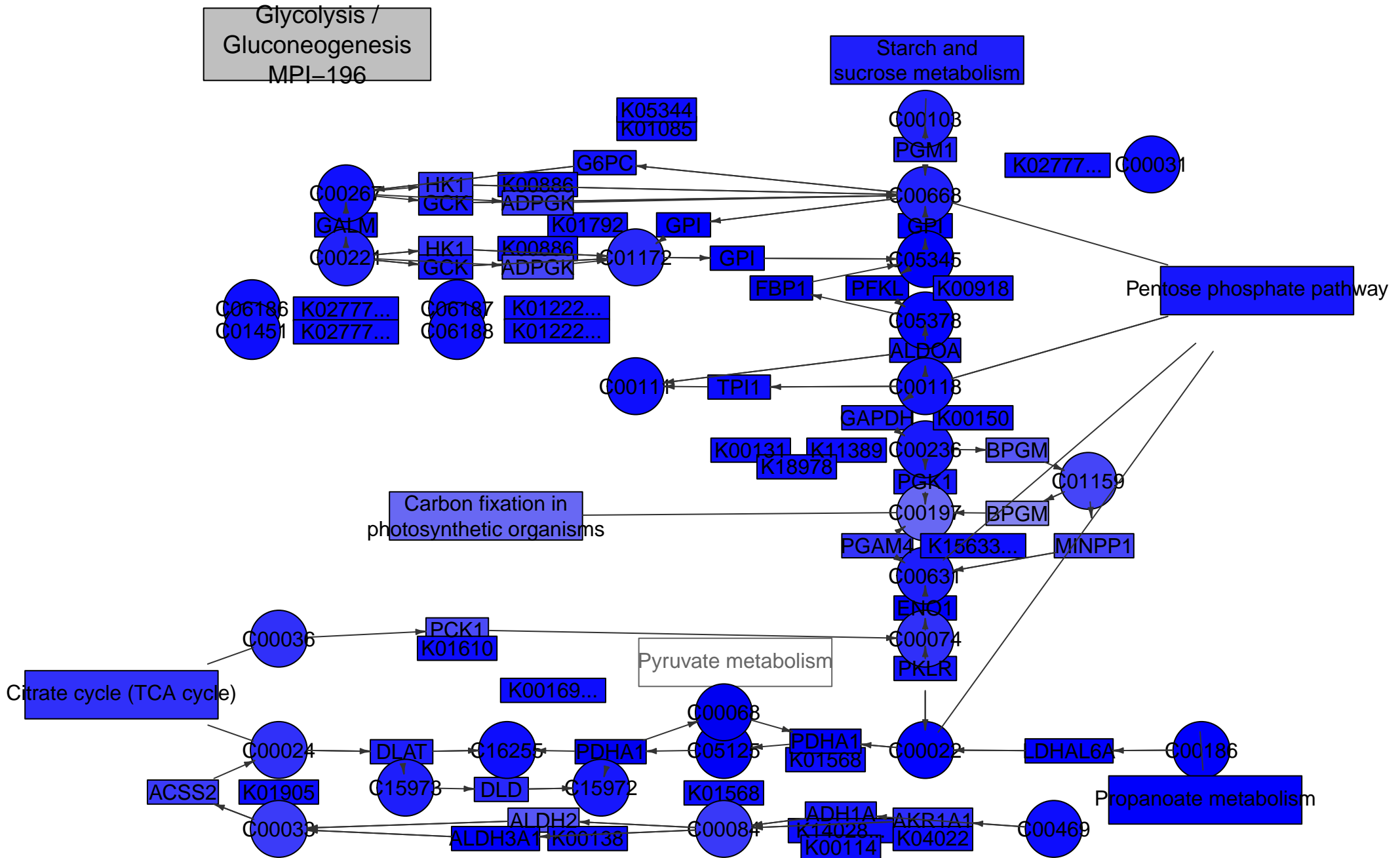






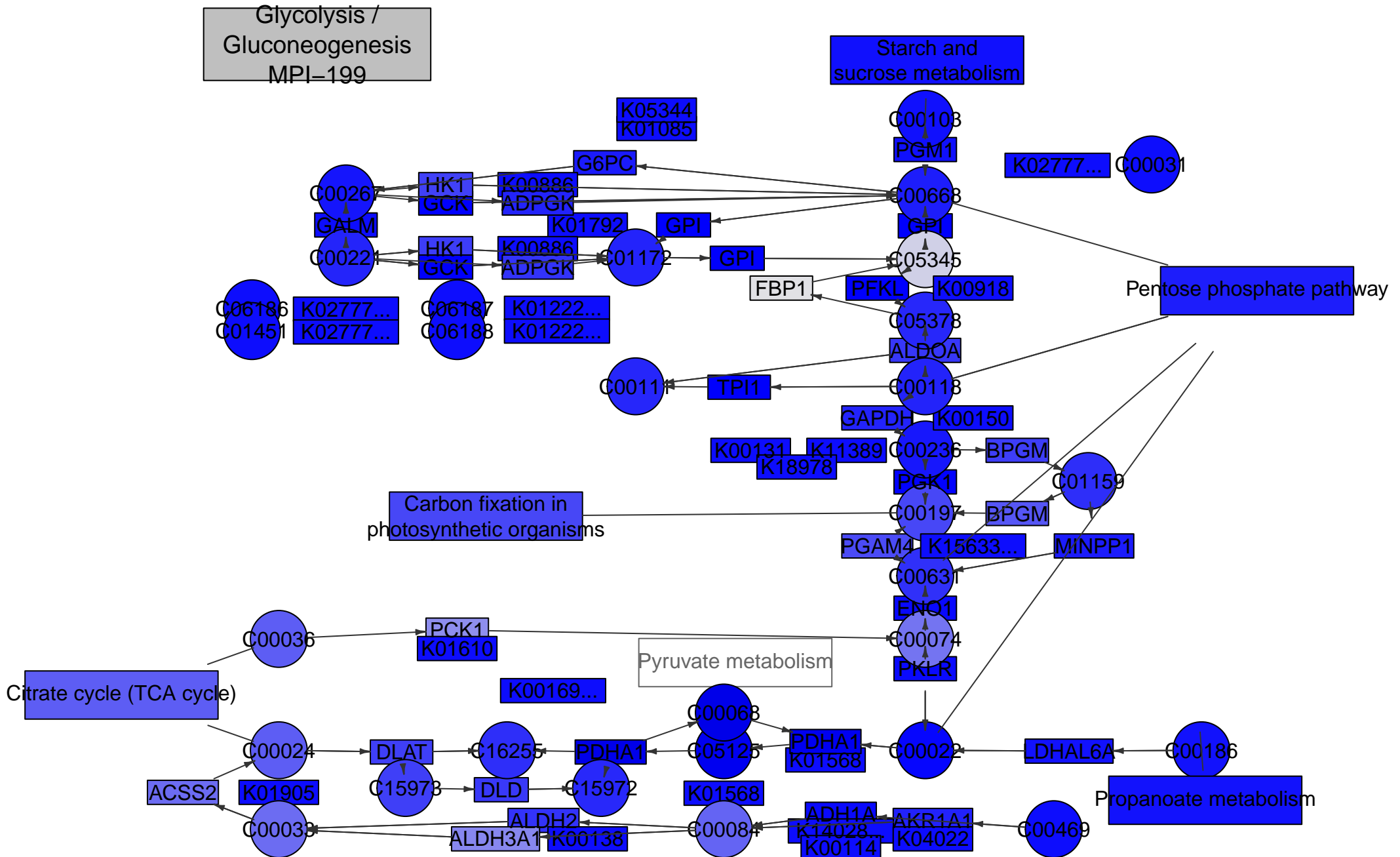










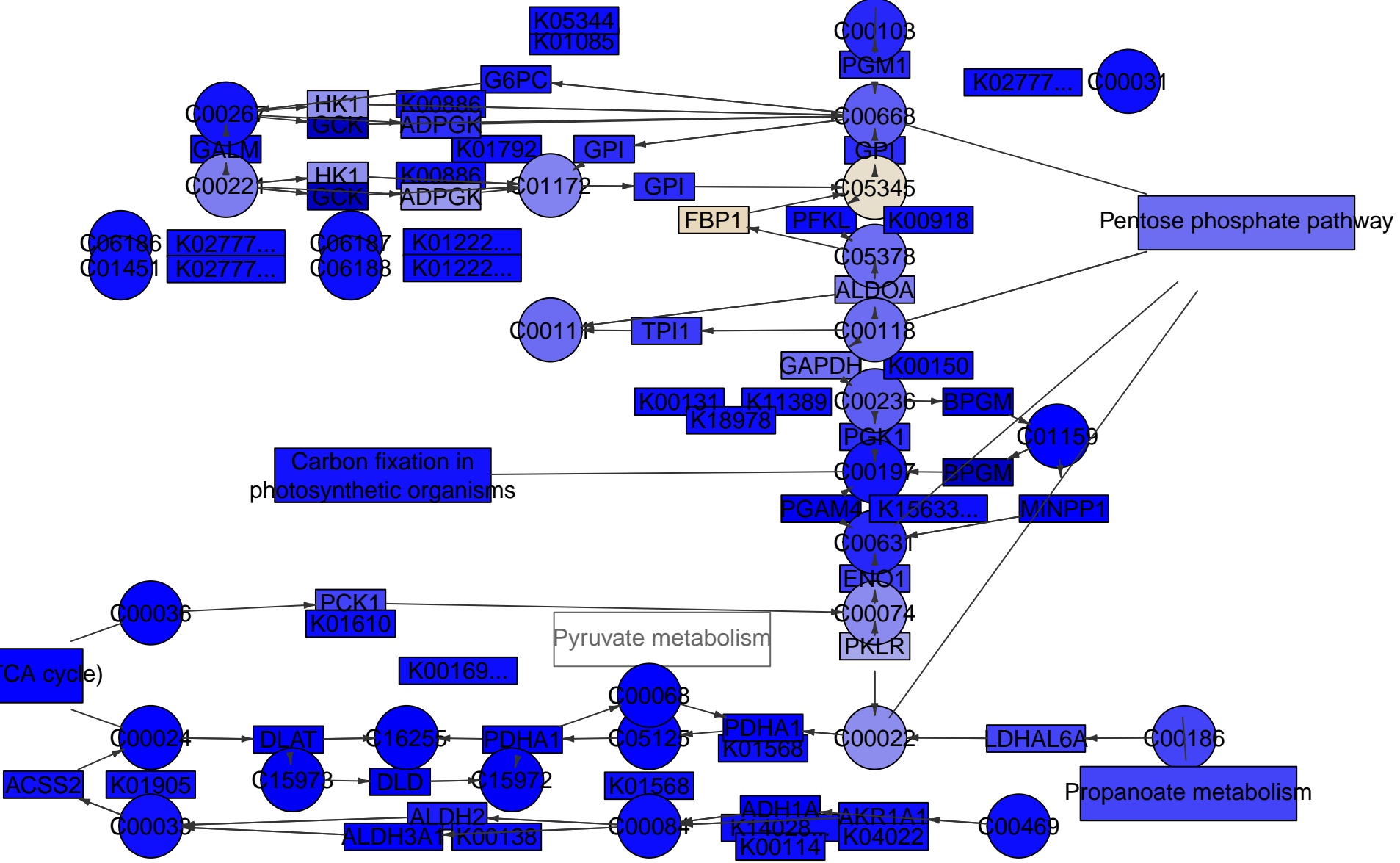






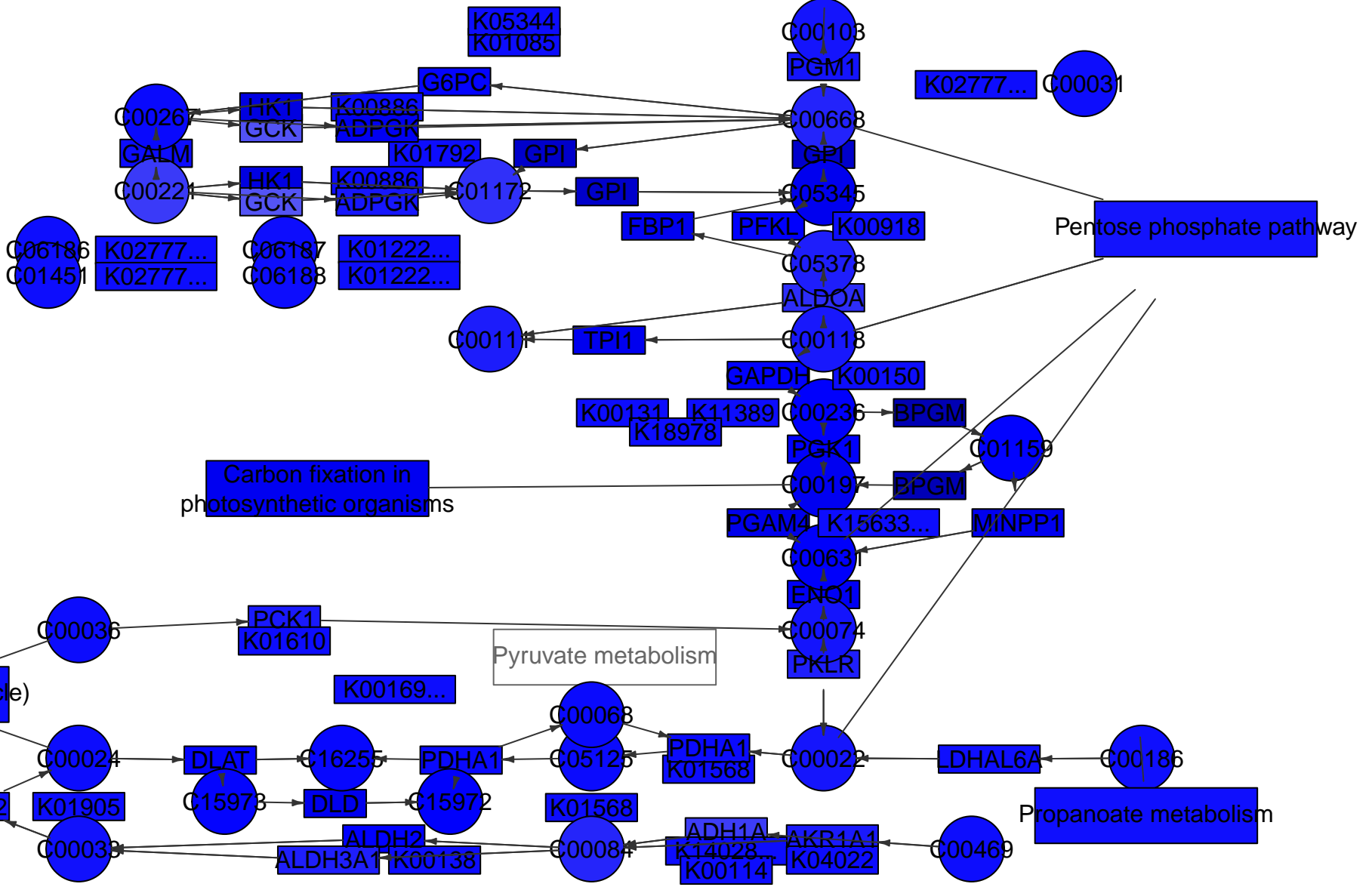
Glycolysis /  
Gluconeogenesis  
MPI-202

Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-203

Starch and  
sucrose metabolism



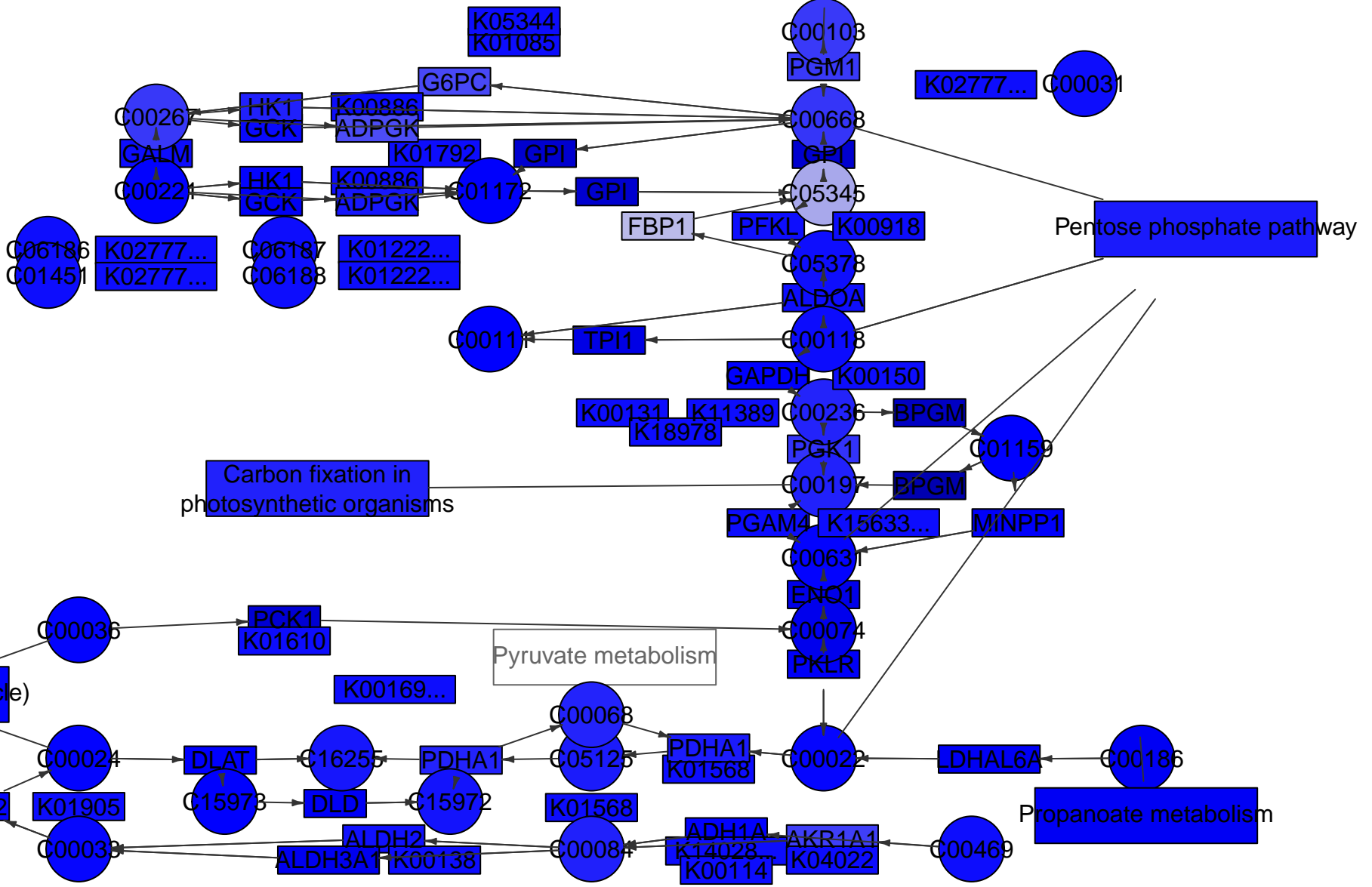
Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

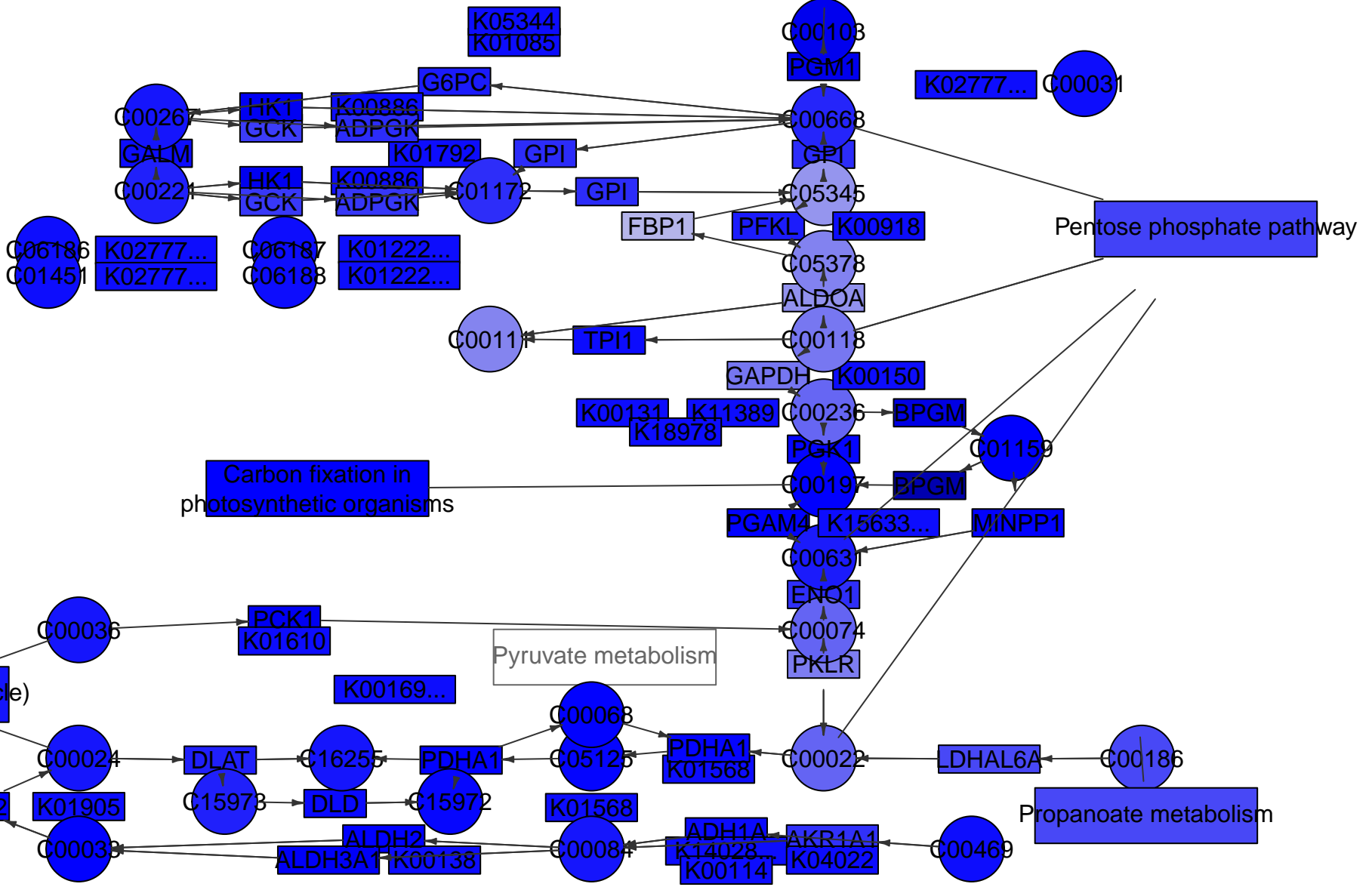
Glycolysis /  
Gluconeogenesis  
MPI-204

Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-205

Starch and  
sucrose metabolism



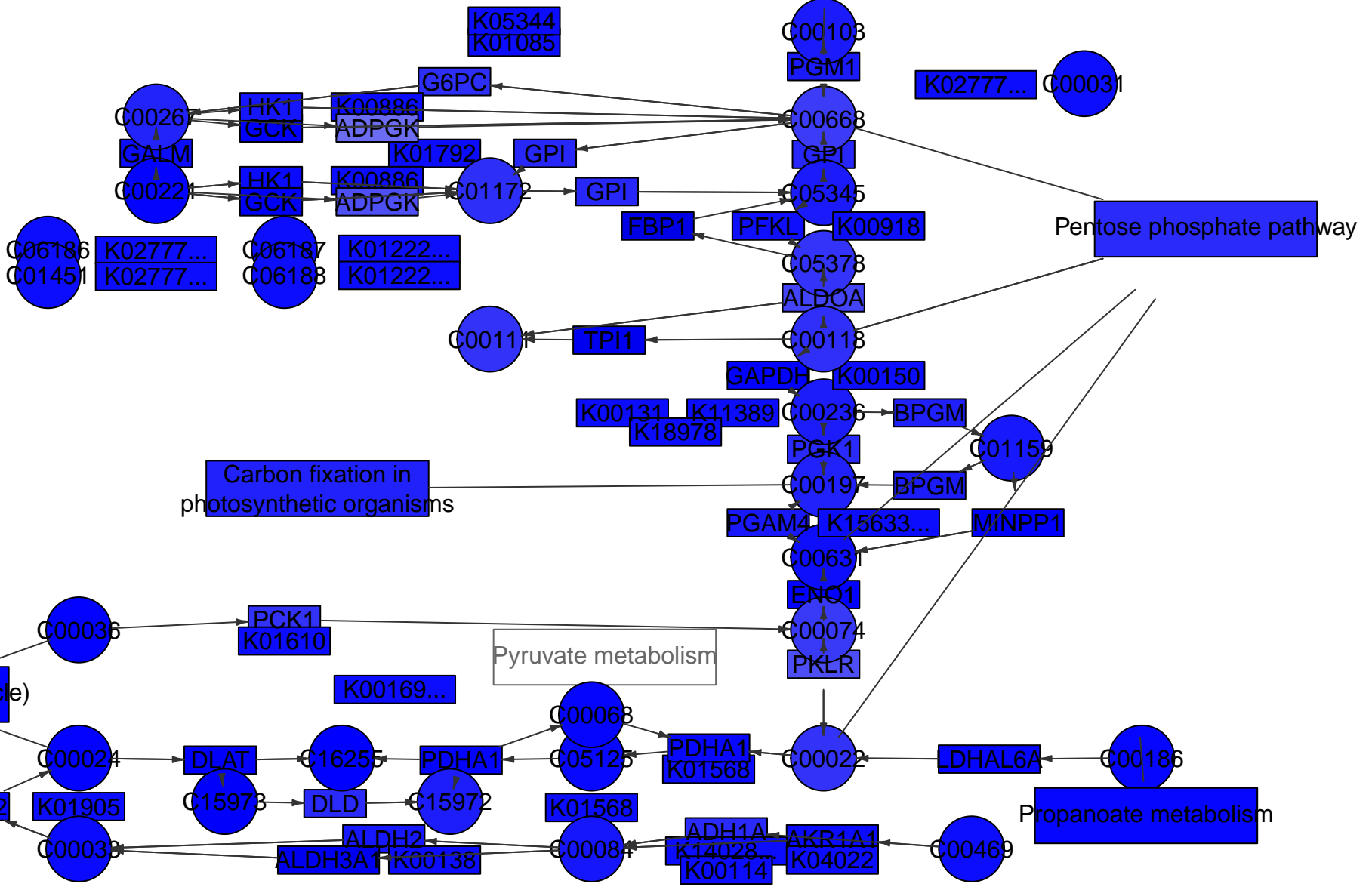
Citrate cycle (TCA cycle)

Pyruvate metabolism

Propanoate metabolism

Glycolysis /  
Gluconeogenesis  
MPI-206

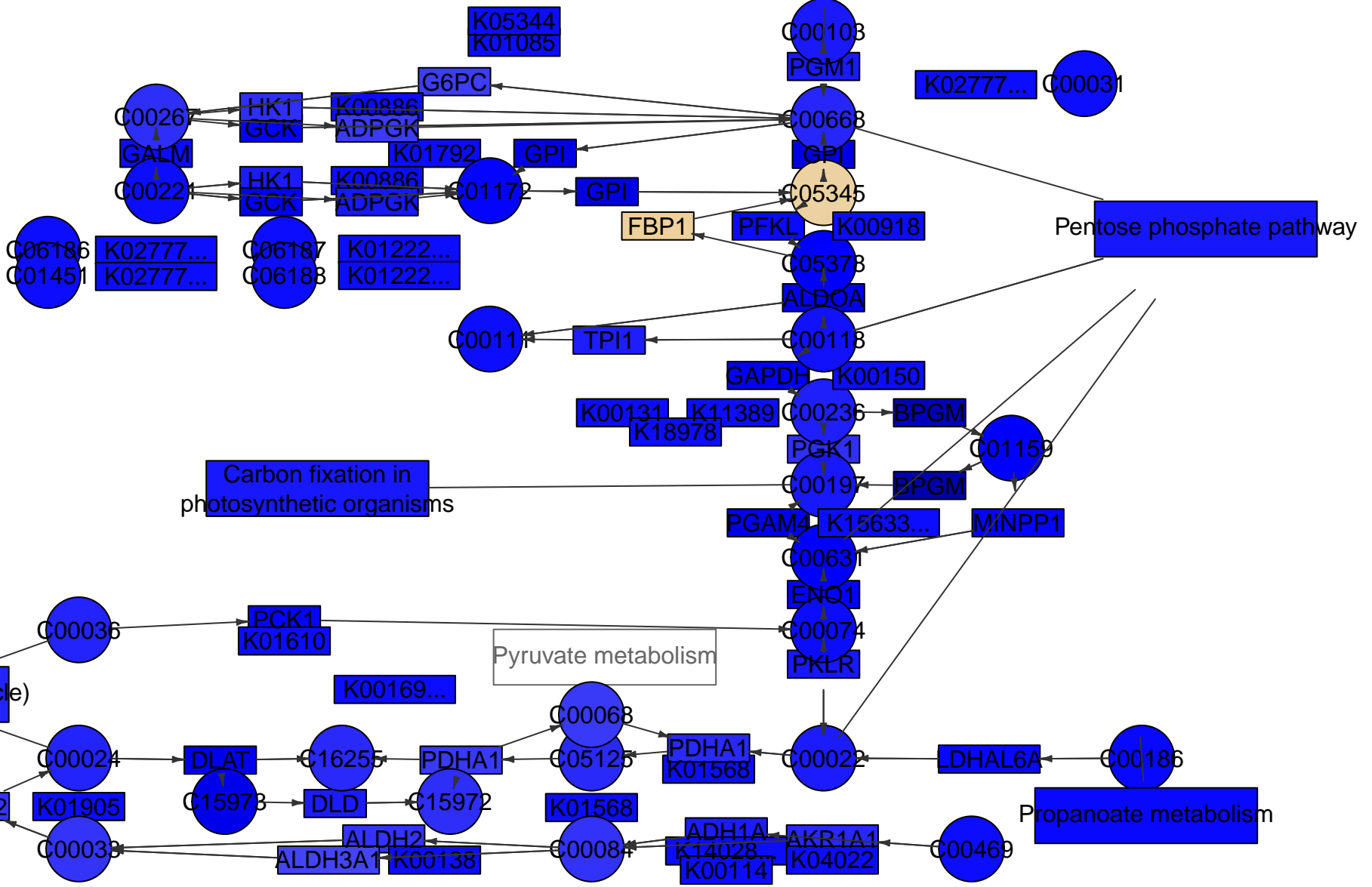
Starch and  
sucrose metabolism





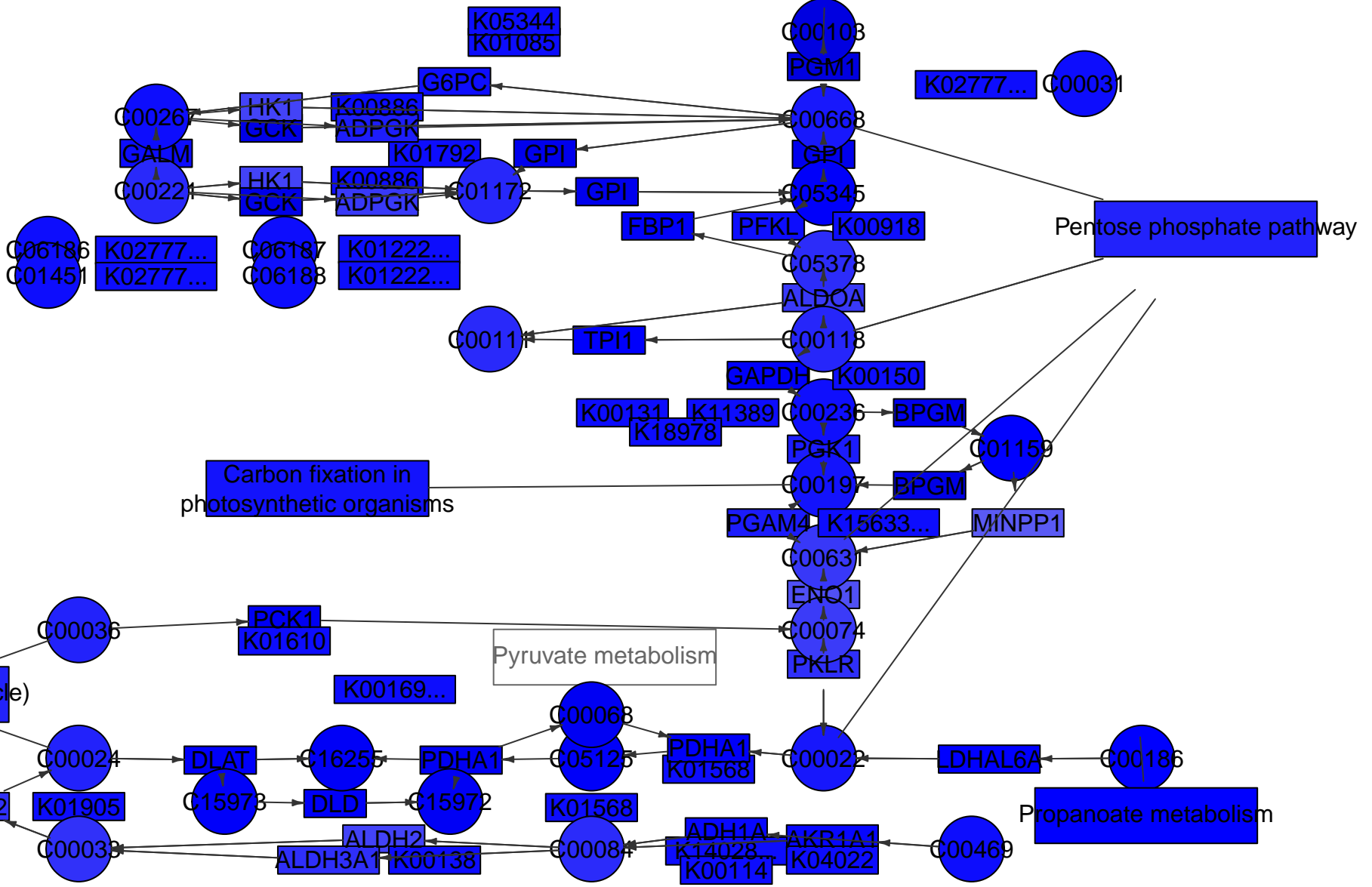
Glycolysis /  
Gluconeogenesis  
MPI-207

Starch and  
sucrose metabolism



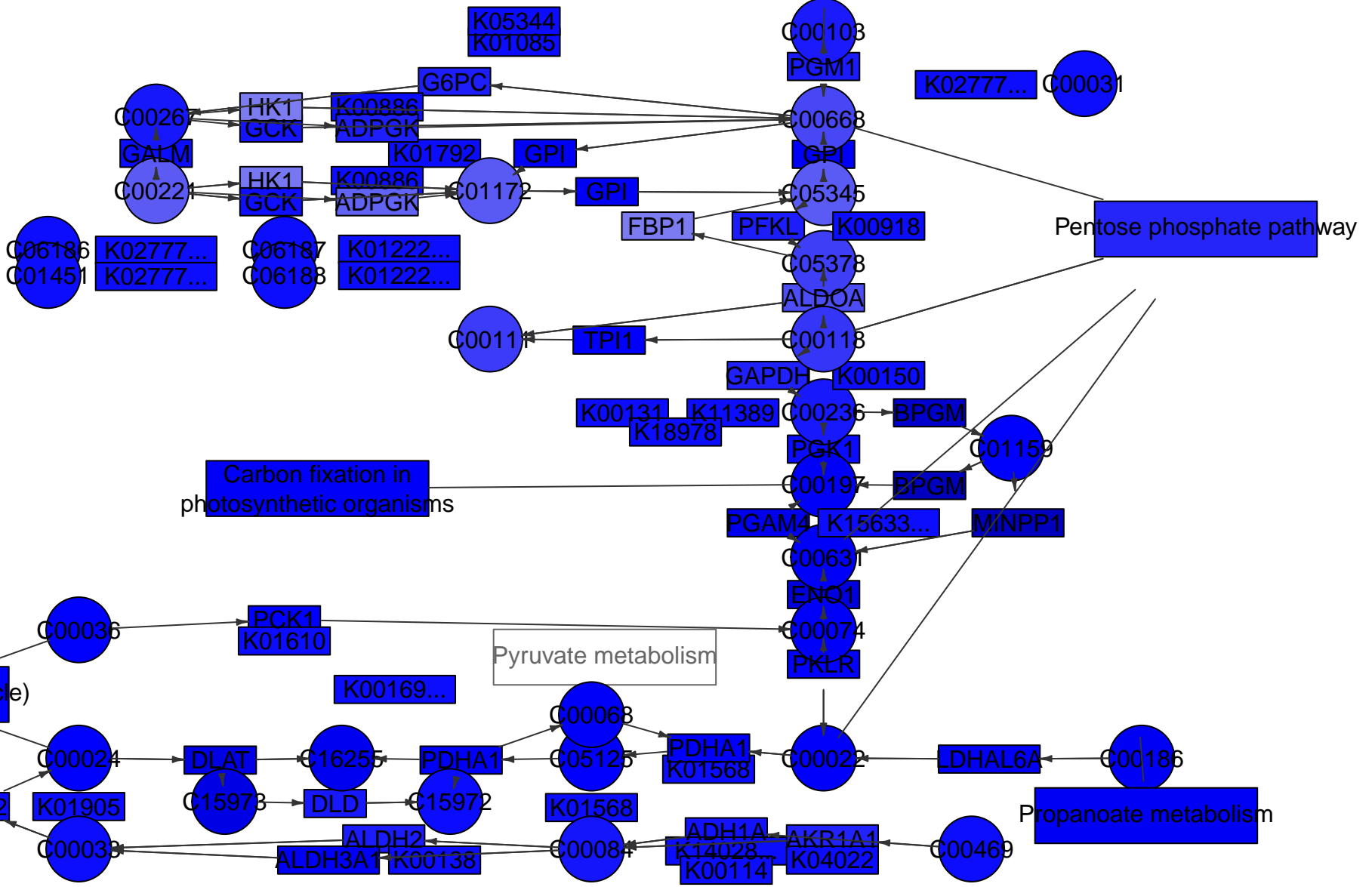
Glycolysis /  
Gluconeogenesis  
MPI-208

Starch and  
sucrose metabolism



Glycolysis /  
Gluconeogenesis  
MPI-209

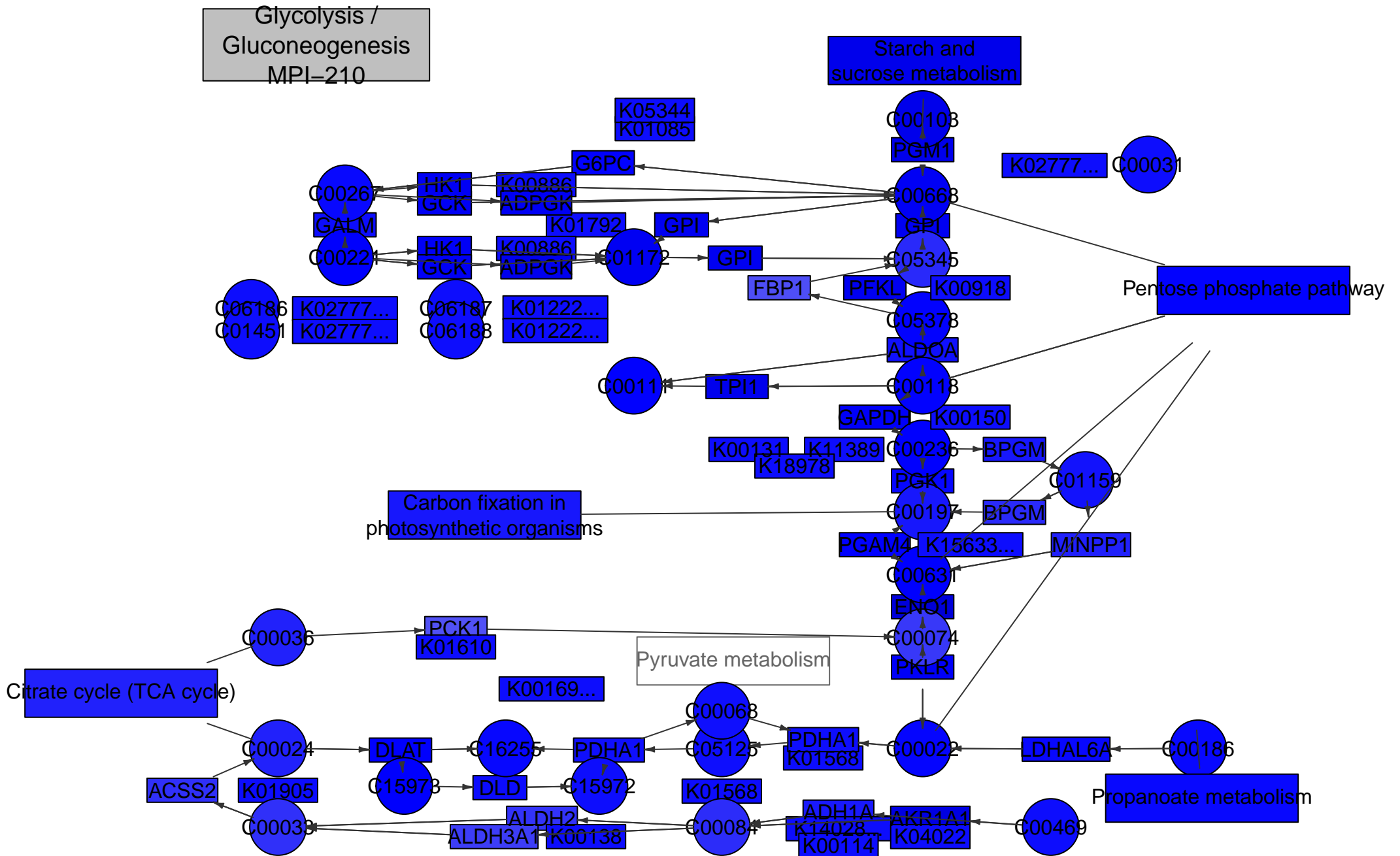
Starch and  
sucrose metabolism



Citrate cycle (TCA cycle)

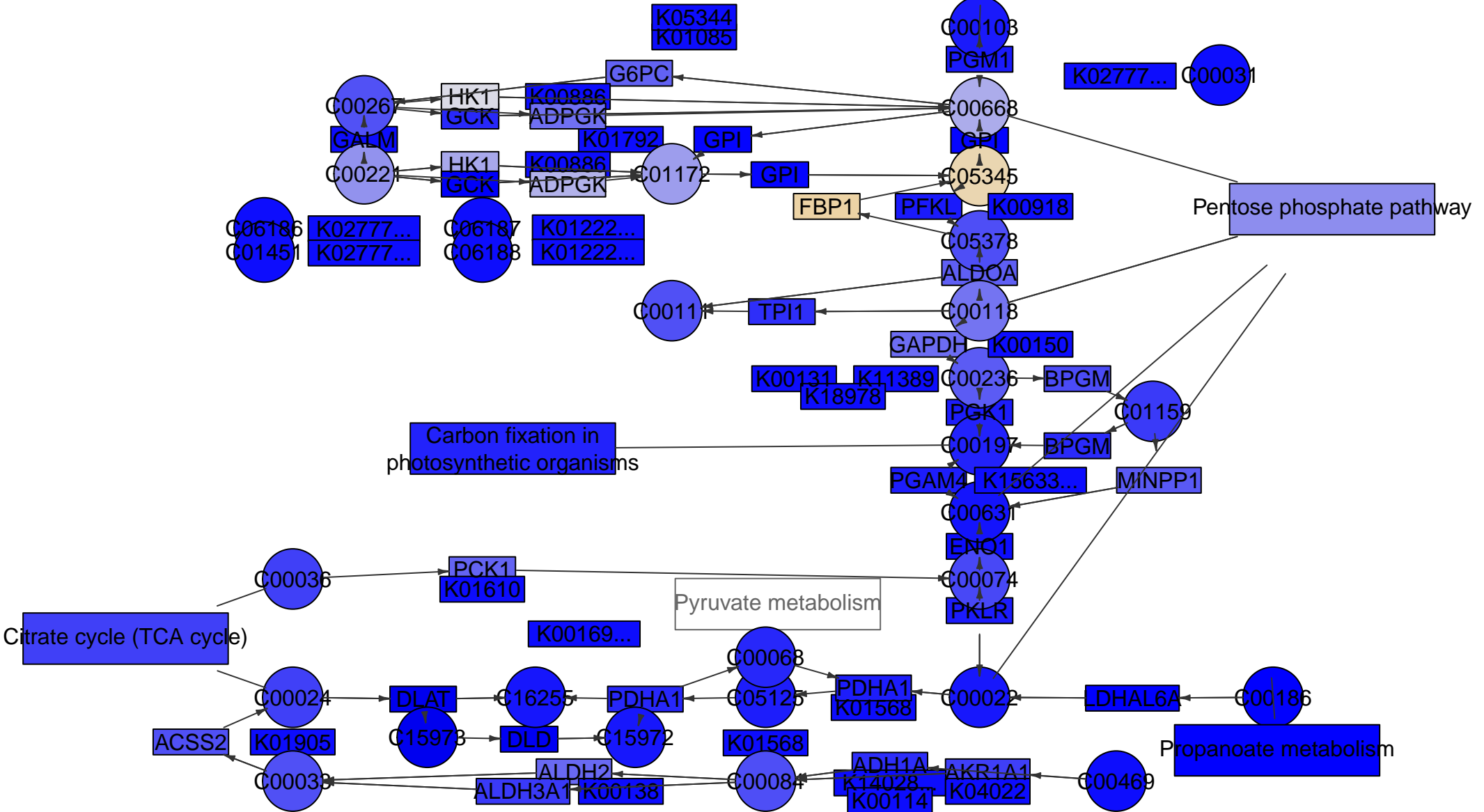
Pyruvate metabolism

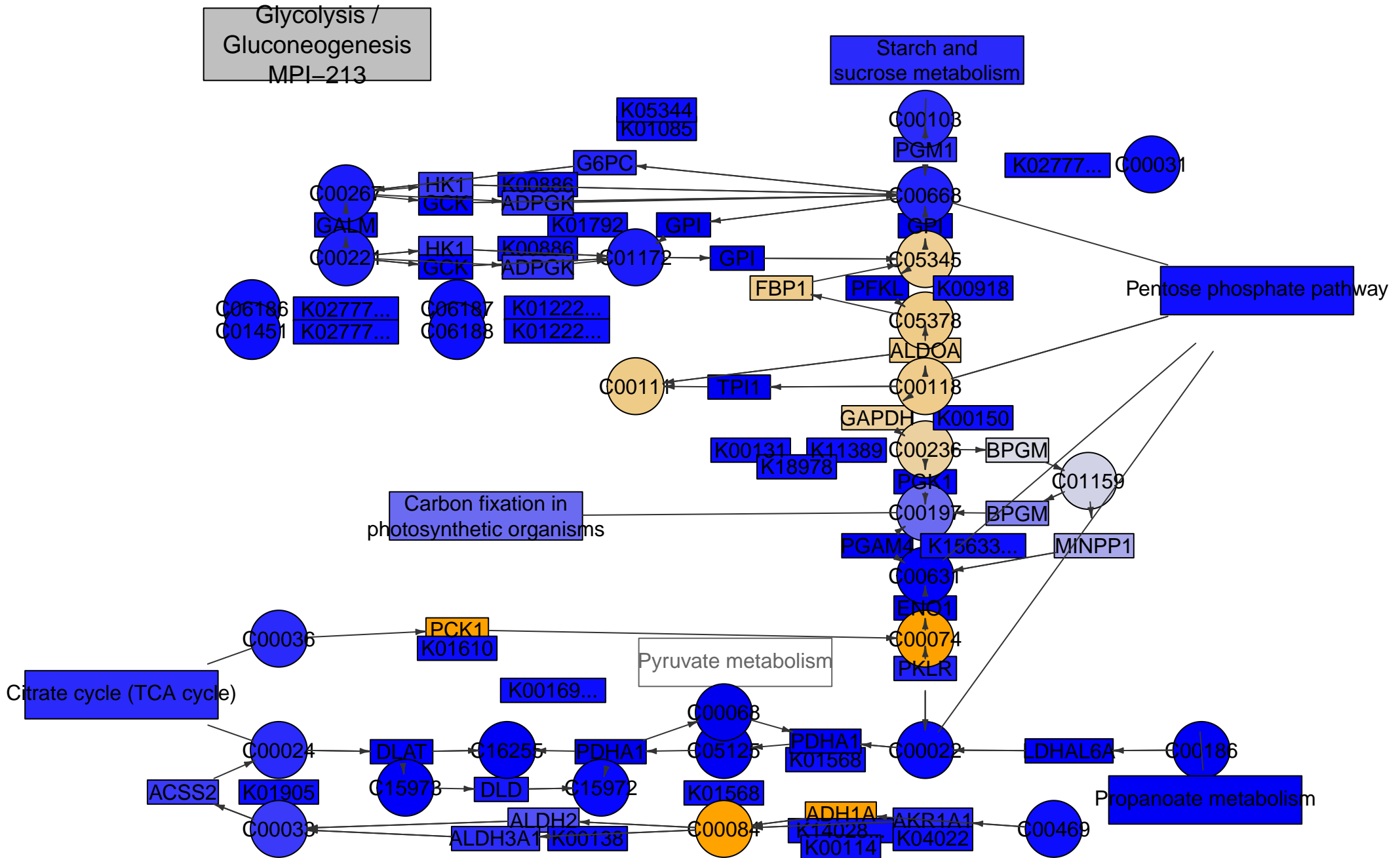
Propanoate metabolism

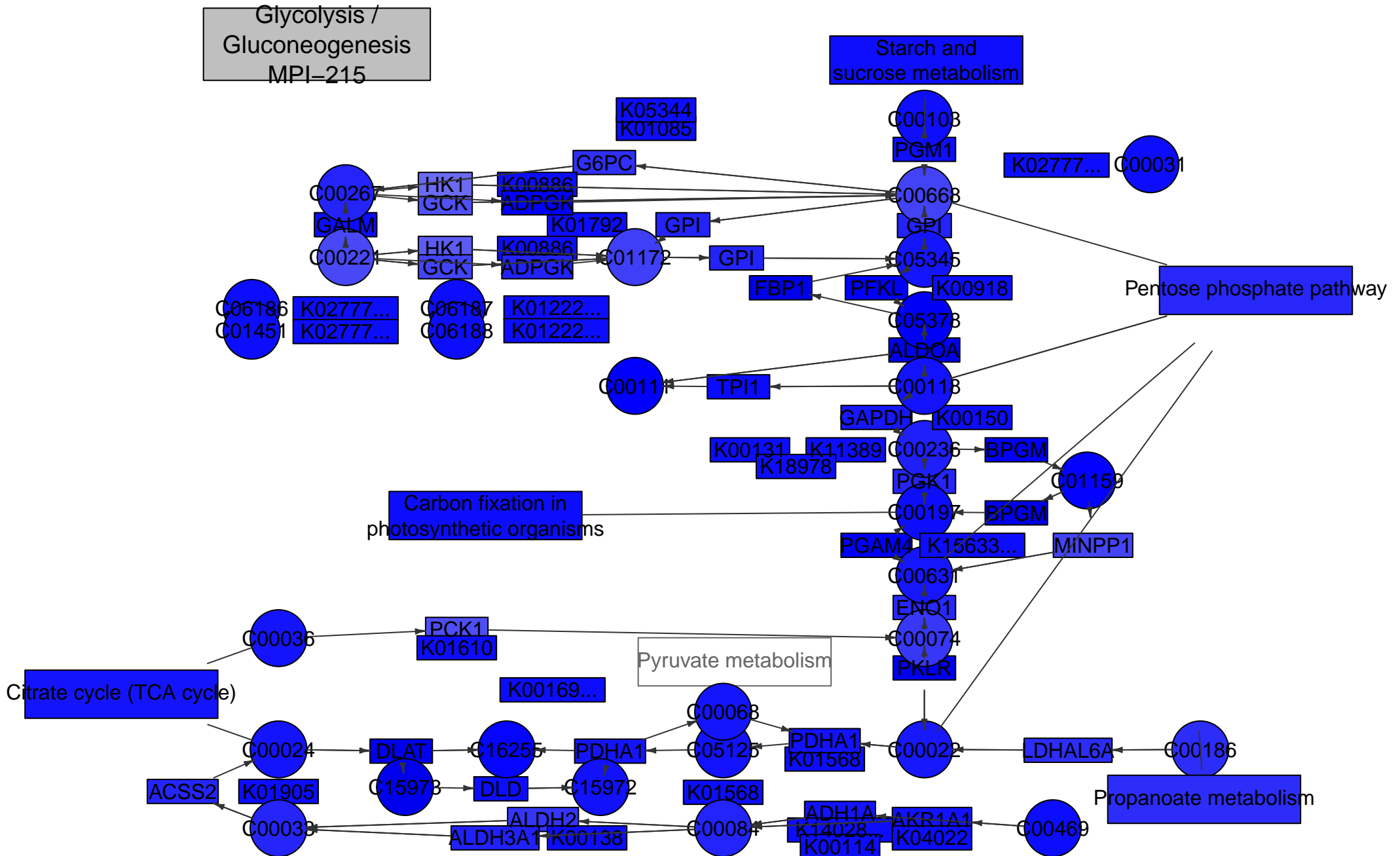


Glycolysis /  
Gluconeogenesis  
MPI-212

Starch and  
sucrose metabolism

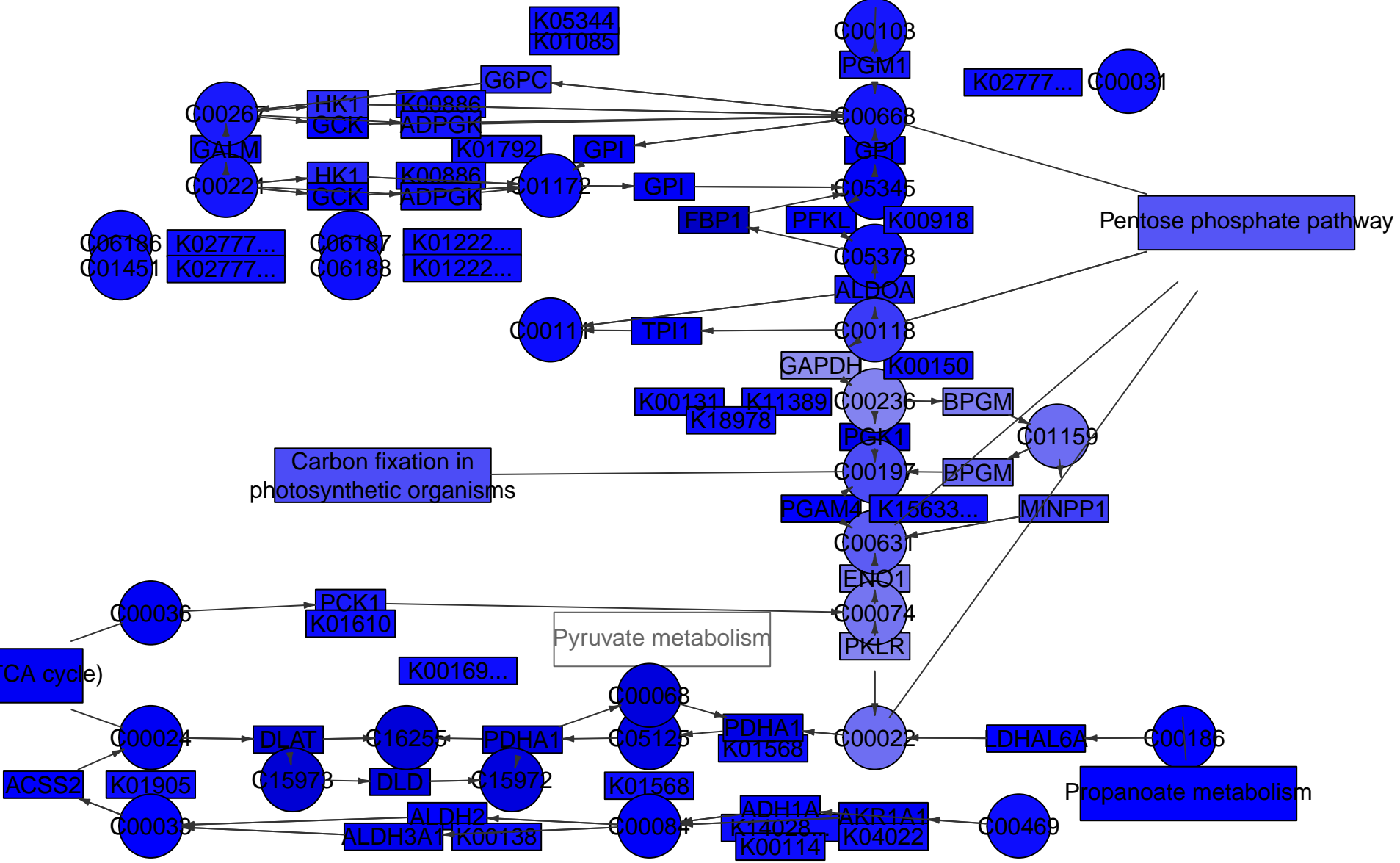






Glycolysis /  
Gluconeogenesis  
MPI-219

Starch and  
sucrose metabolism



Pentose phosphate pathway

Carbon fixation in  
photosynthetic organisms

Pyruvate metabolism

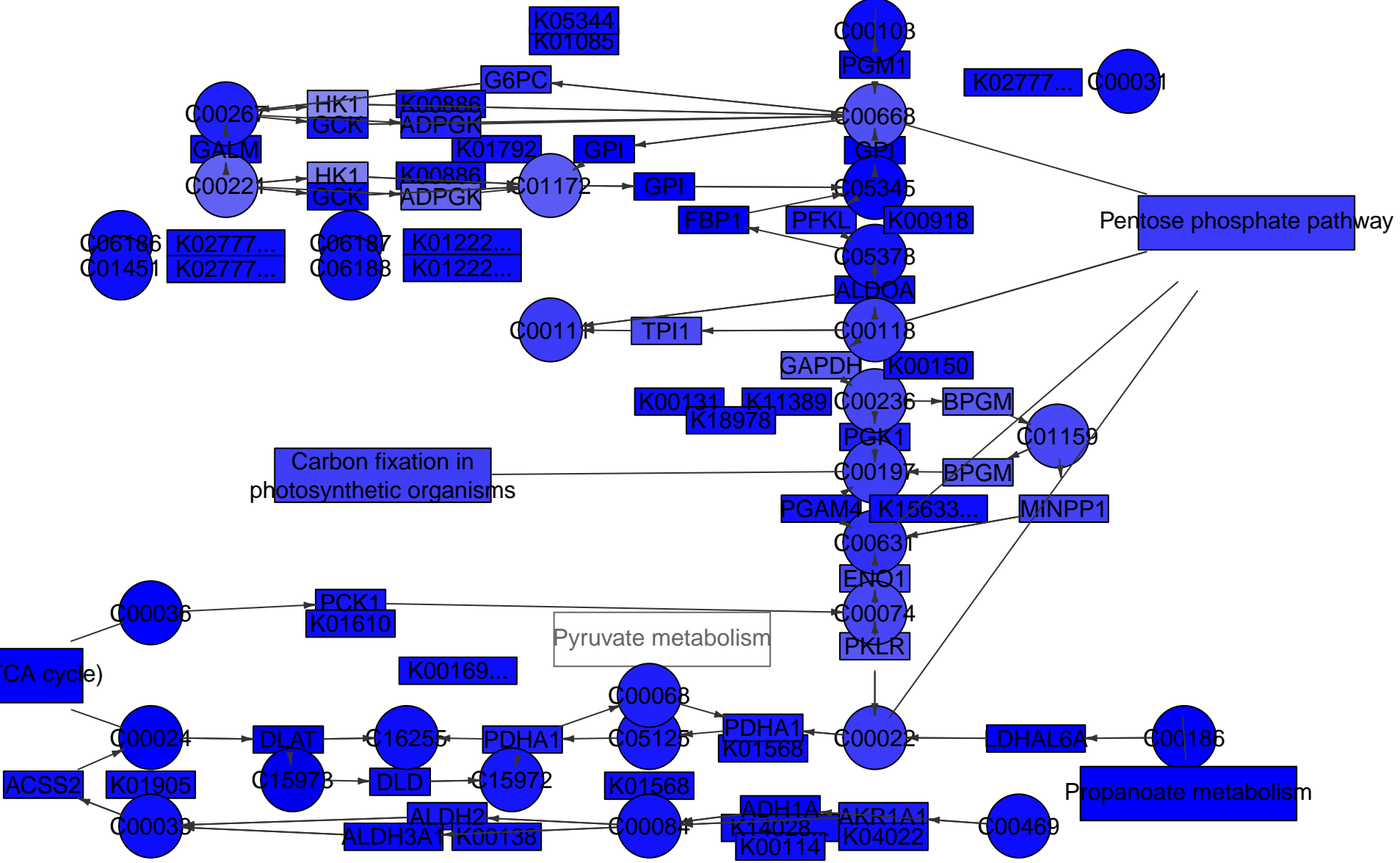
Citrate cycle (TCA cycle)

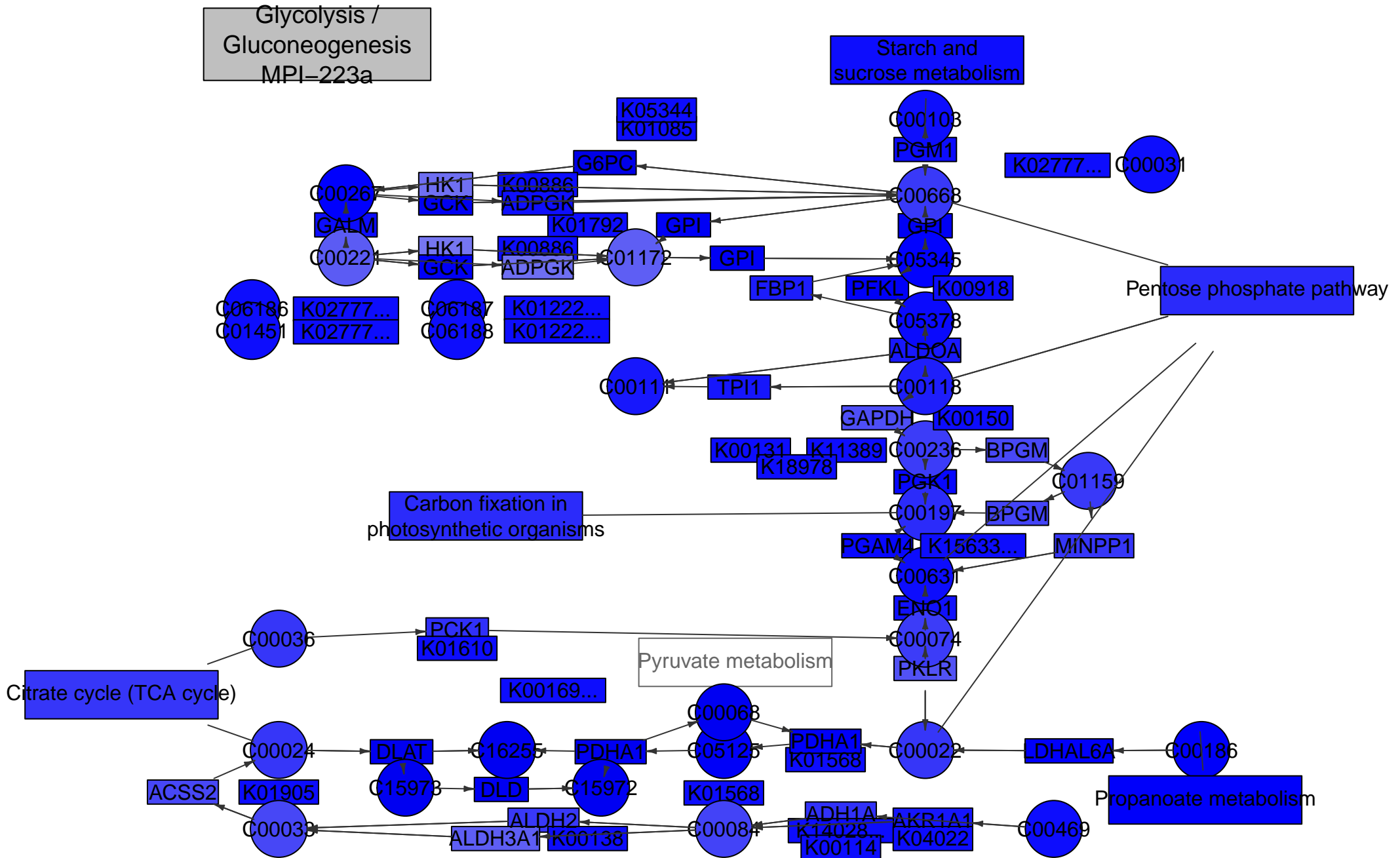
Propanoate metabolism

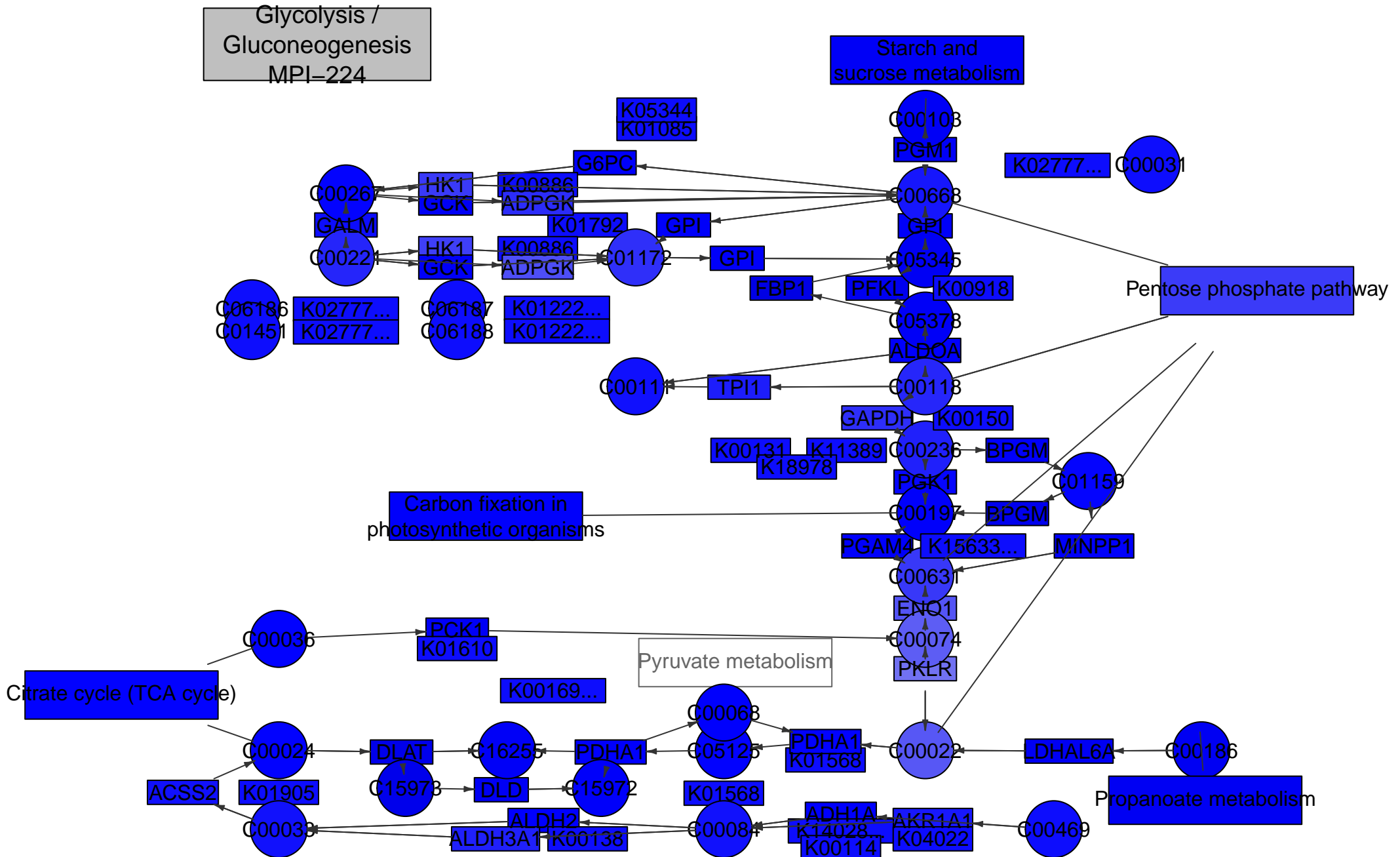


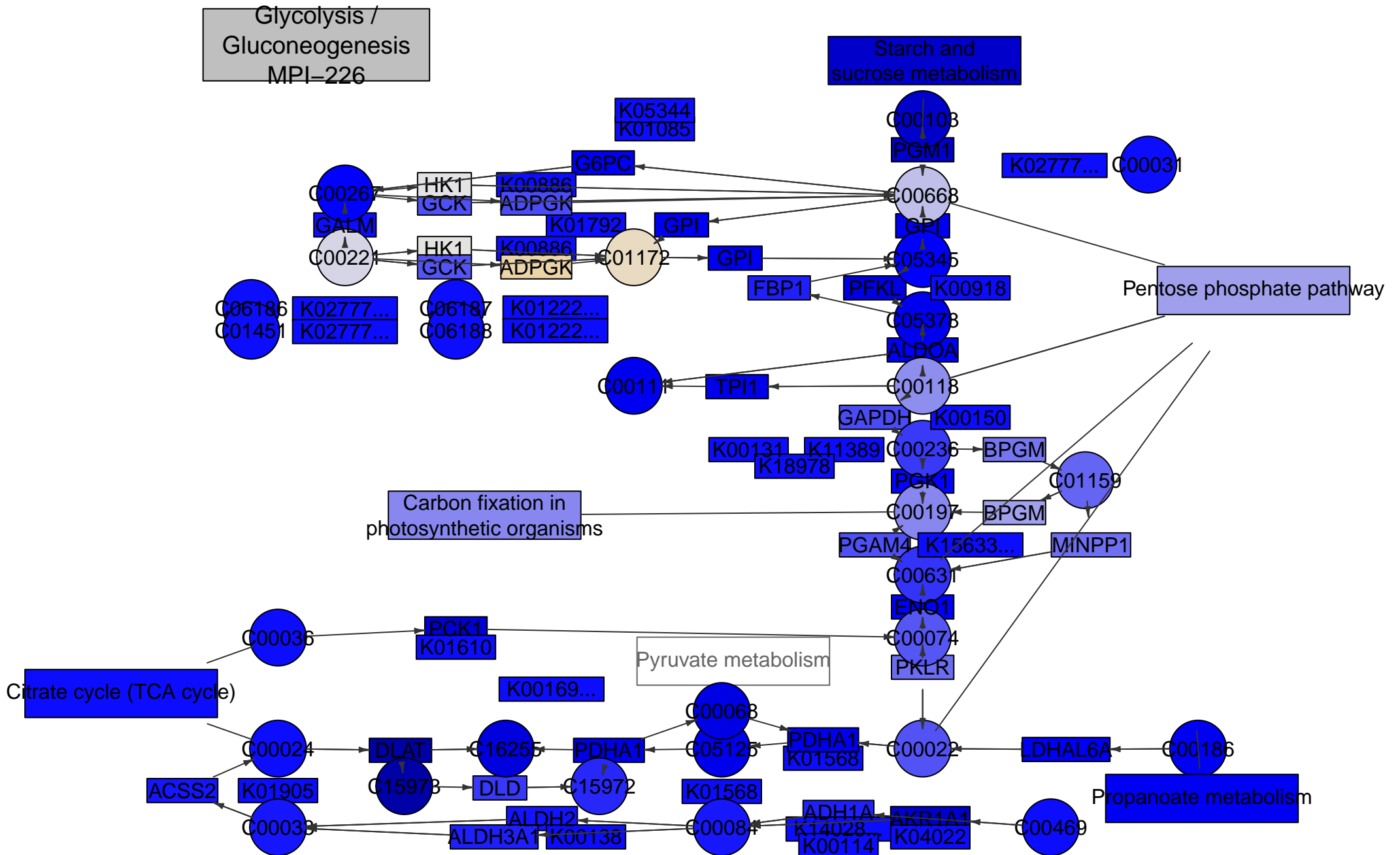
Glycolysis /  
Gluconeogenesis  
MPI-221

Starch and  
sucrose metabolism





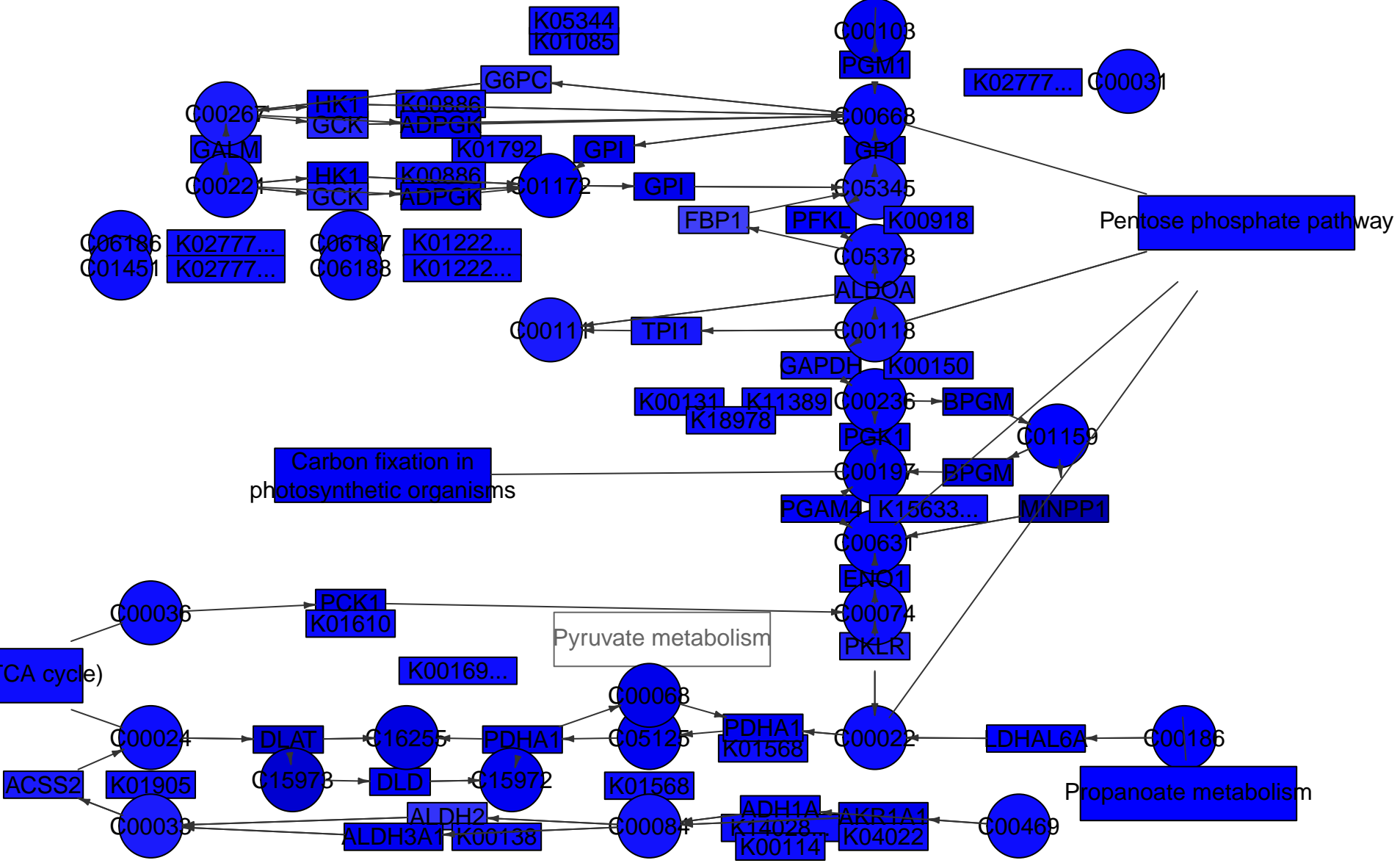


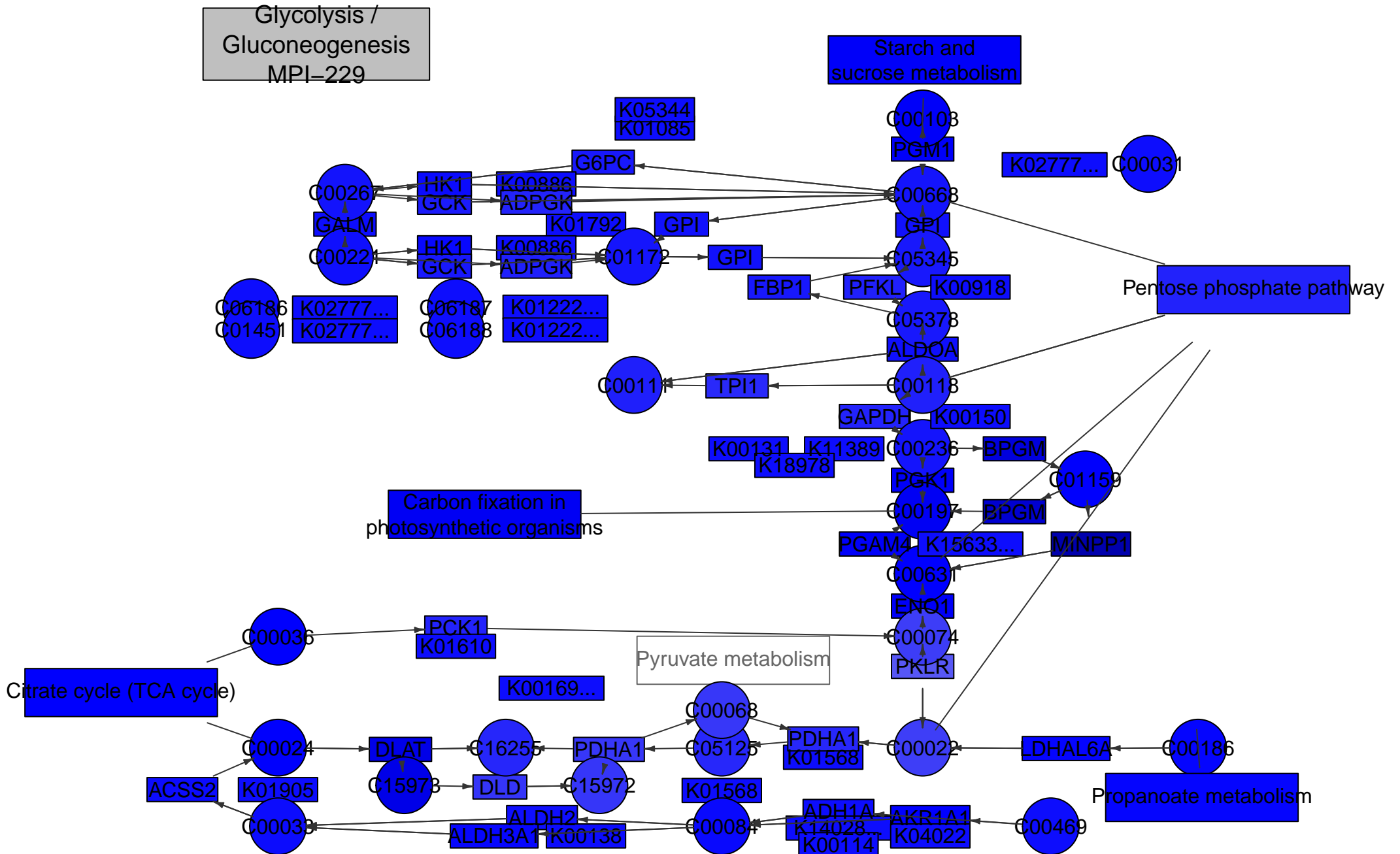


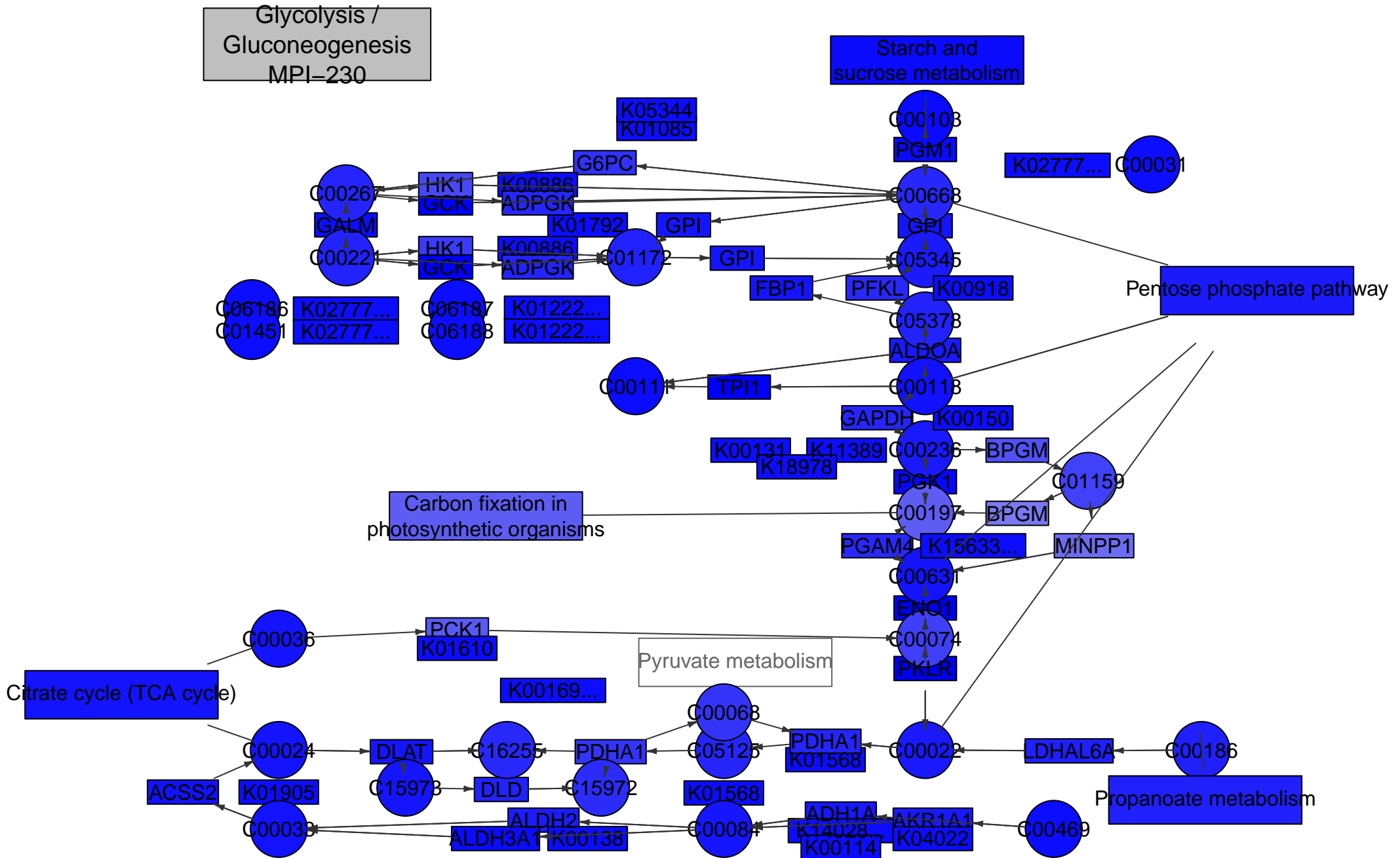


Glycolysis /  
Gluconeogenesis  
MPI-228

Starch and  
sucrose metabolism

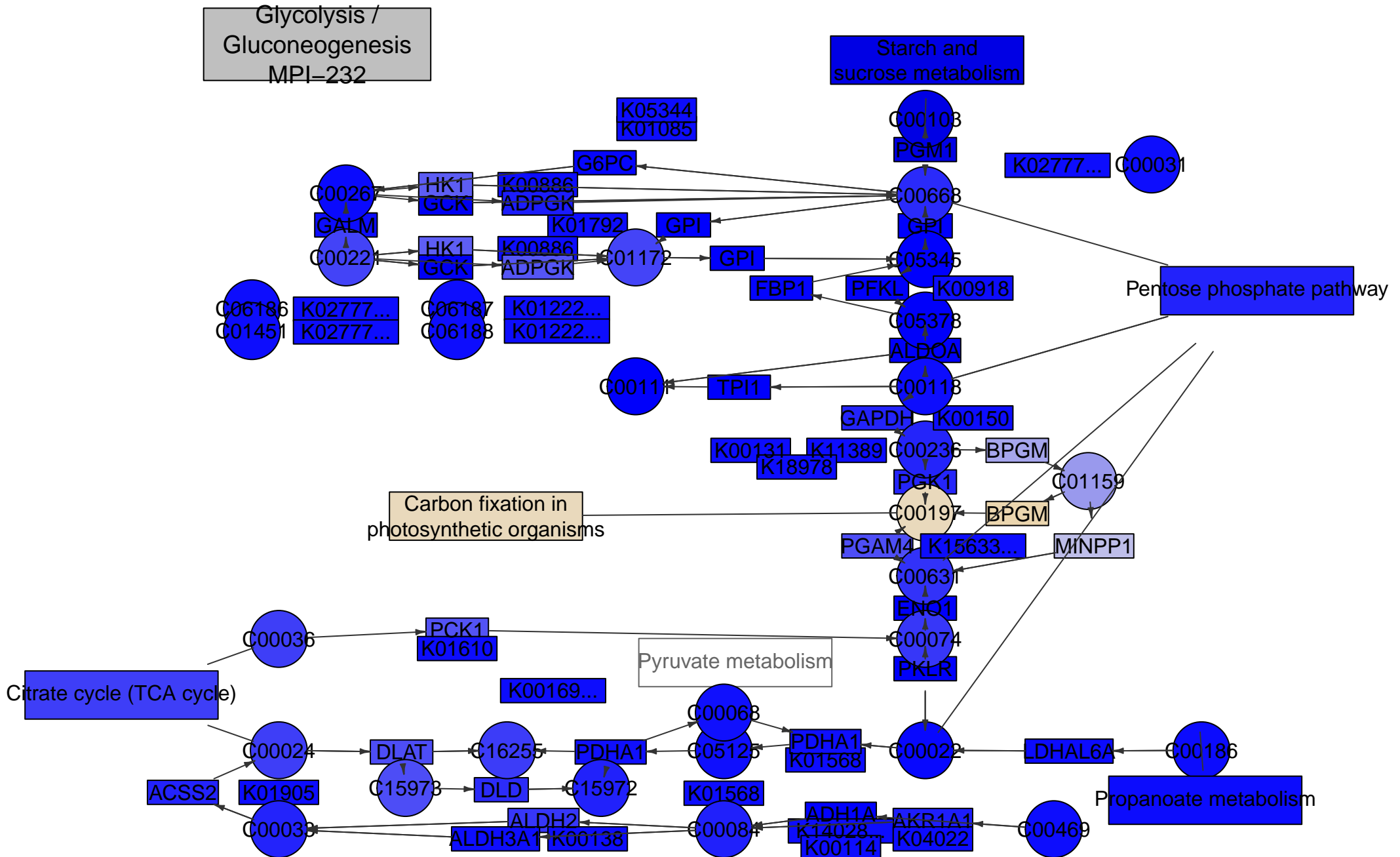


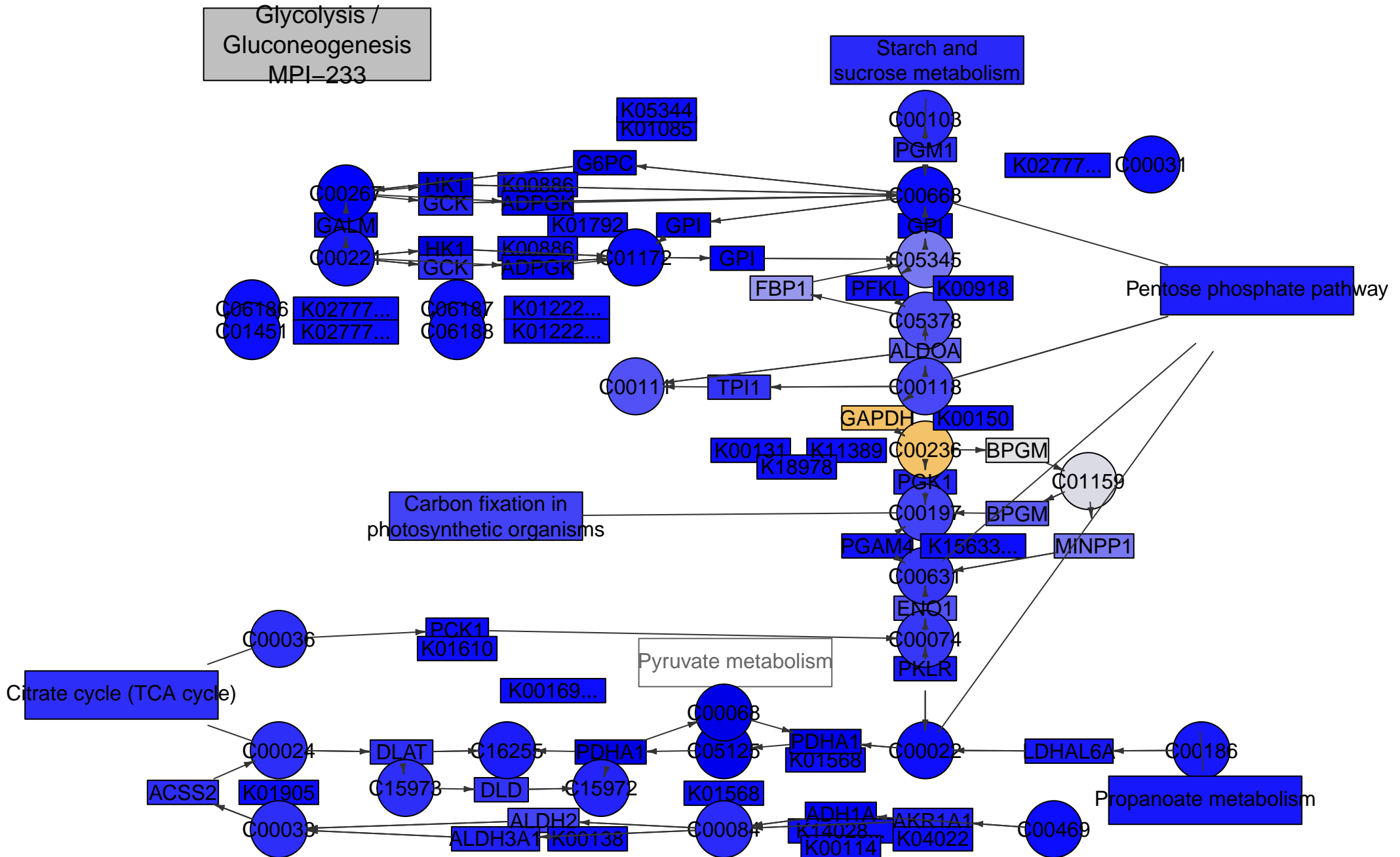




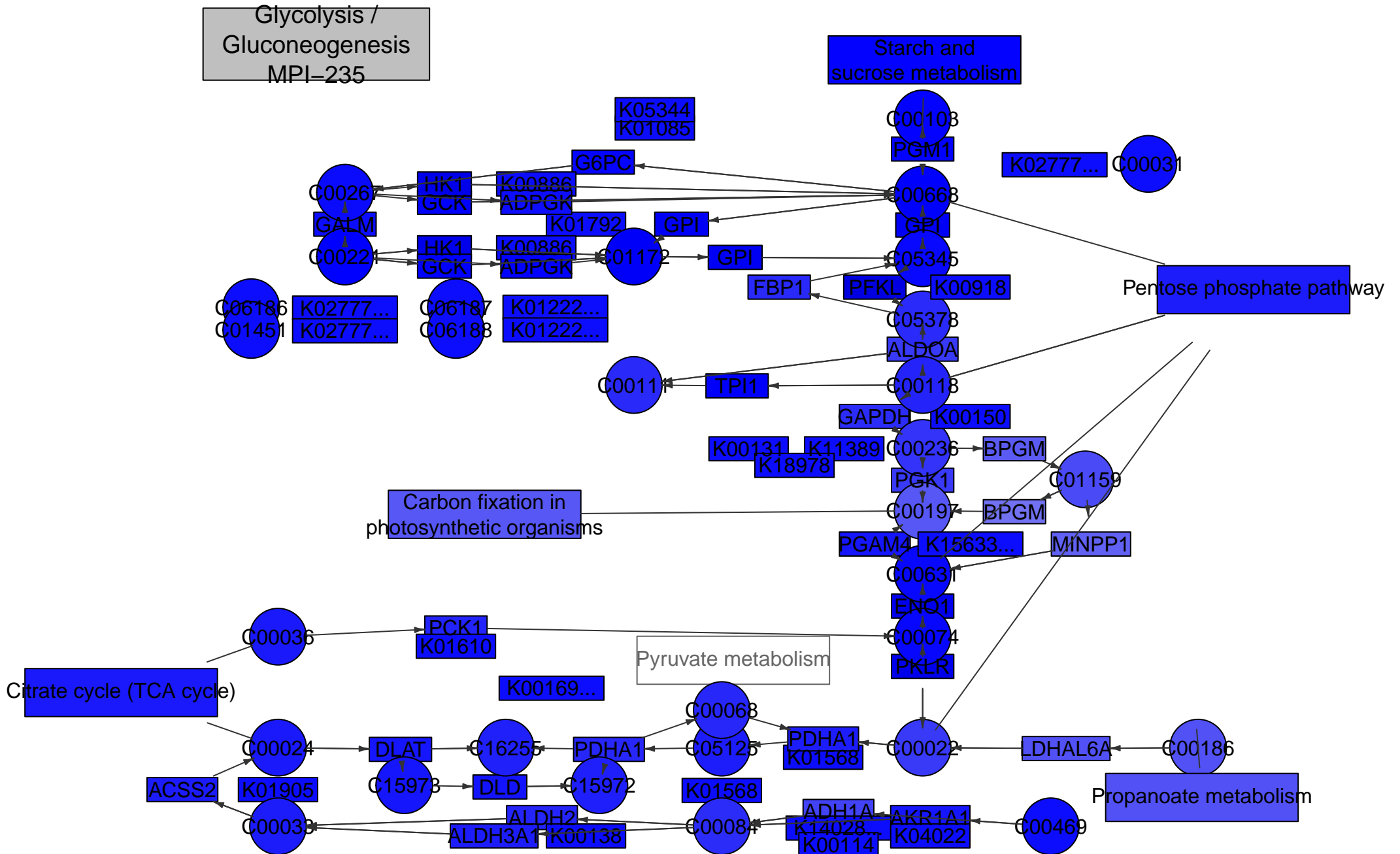


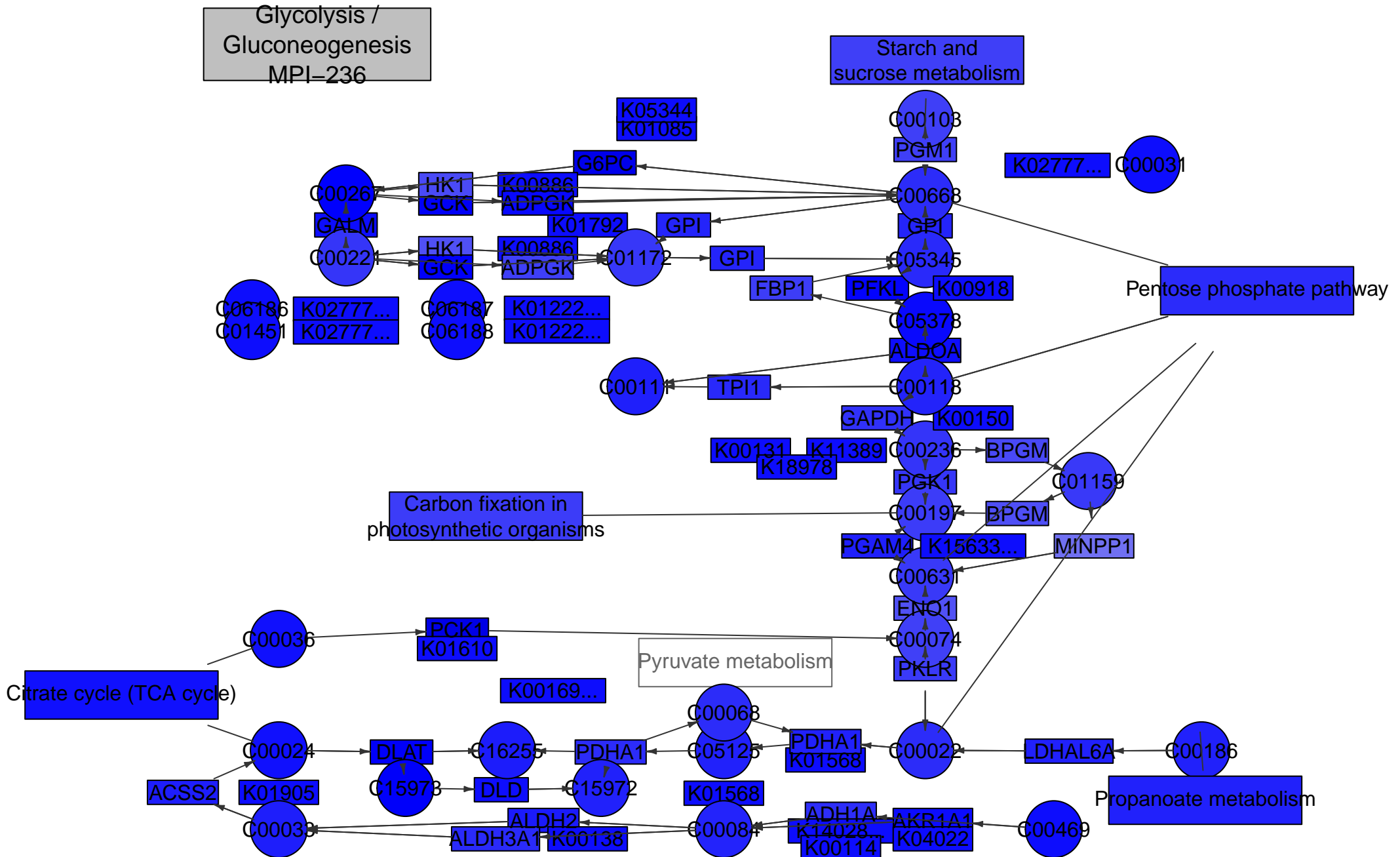


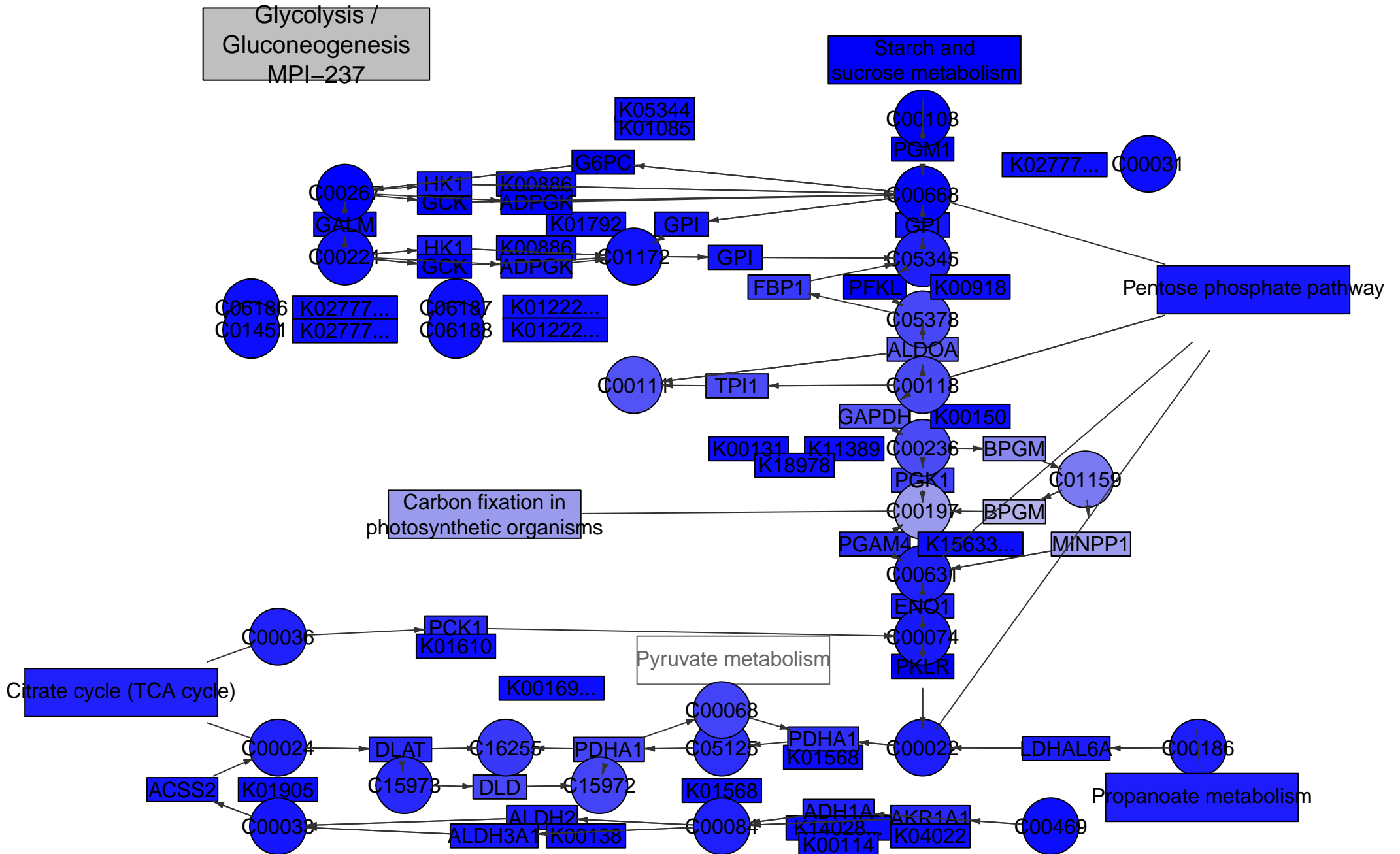


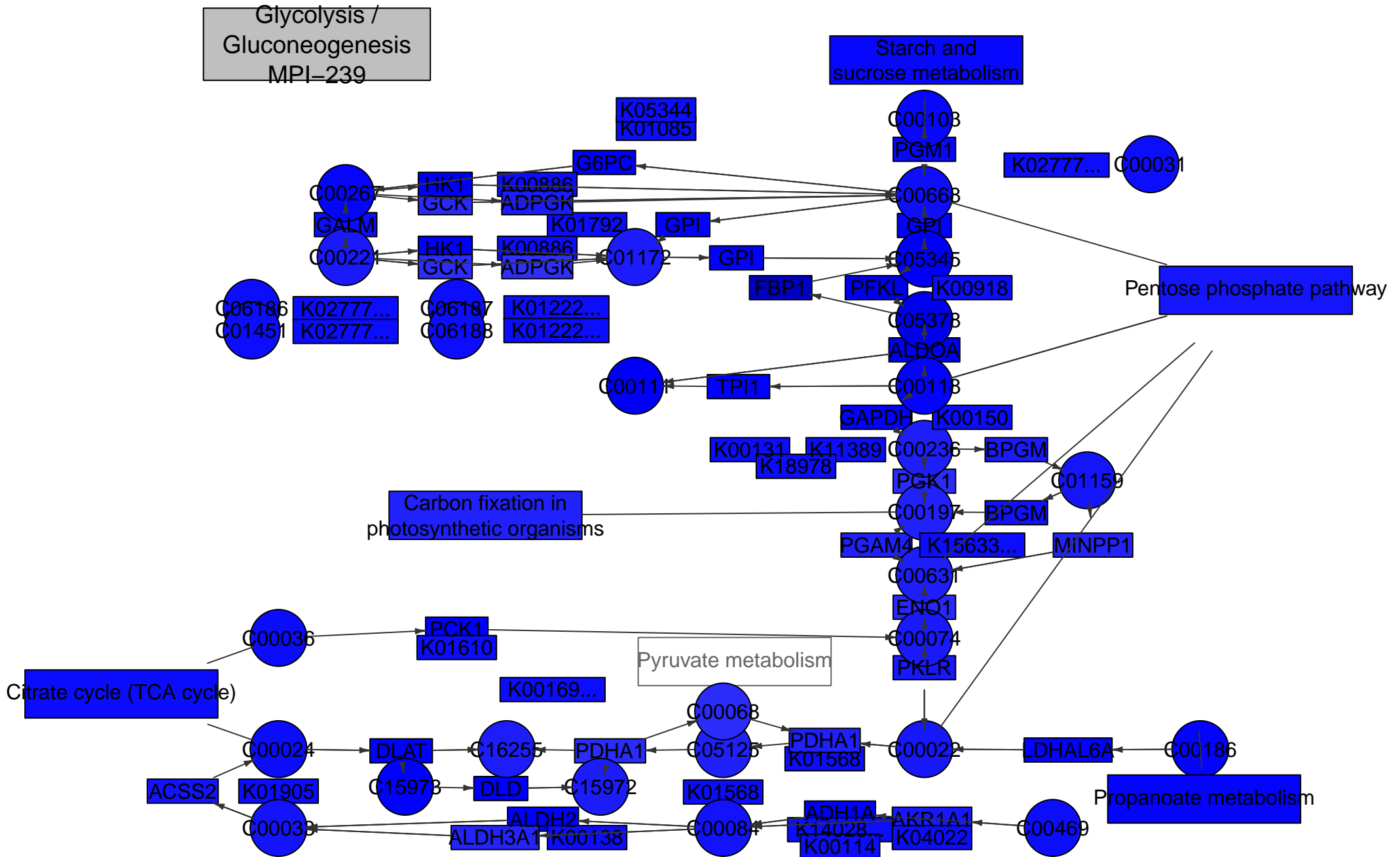




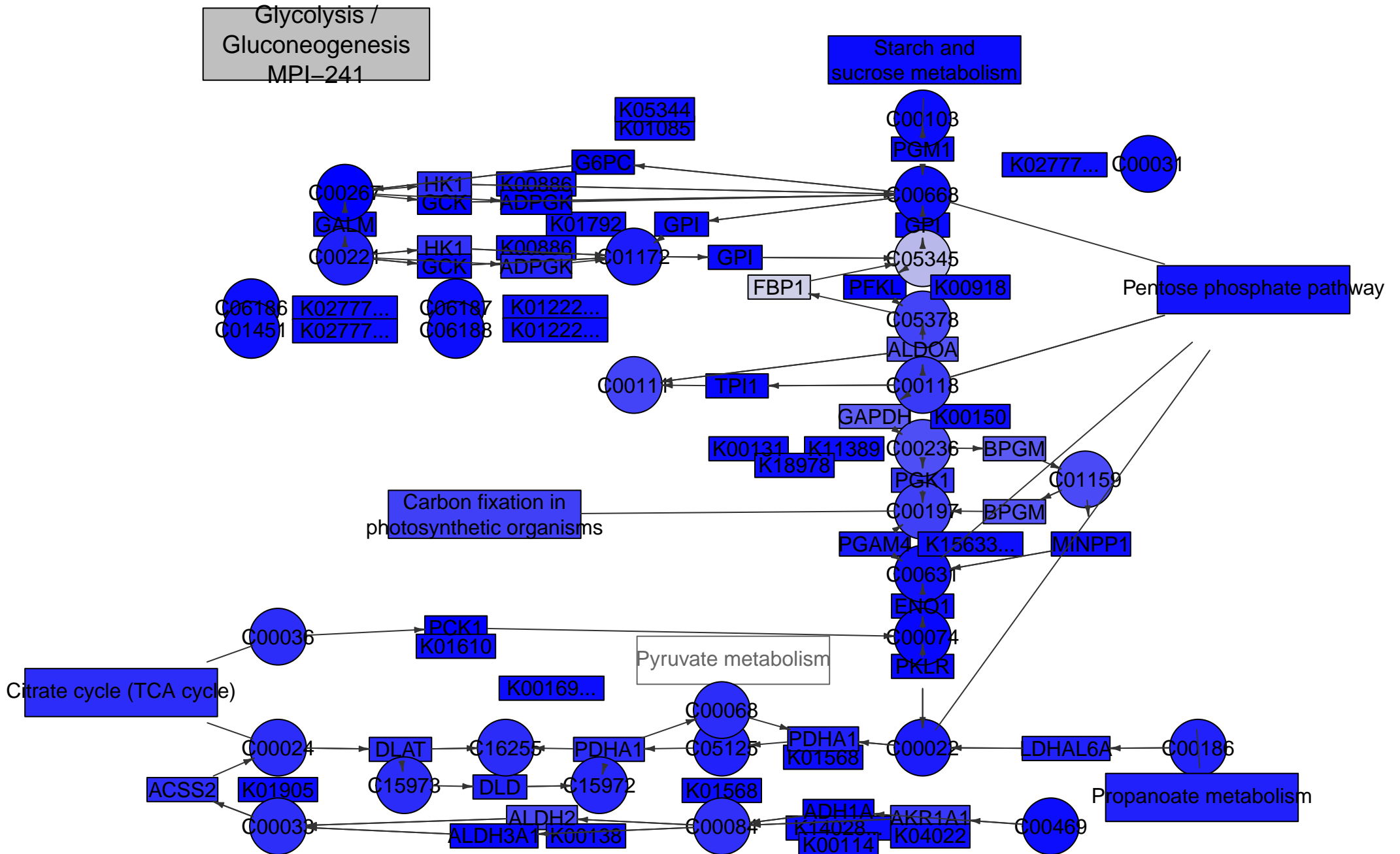


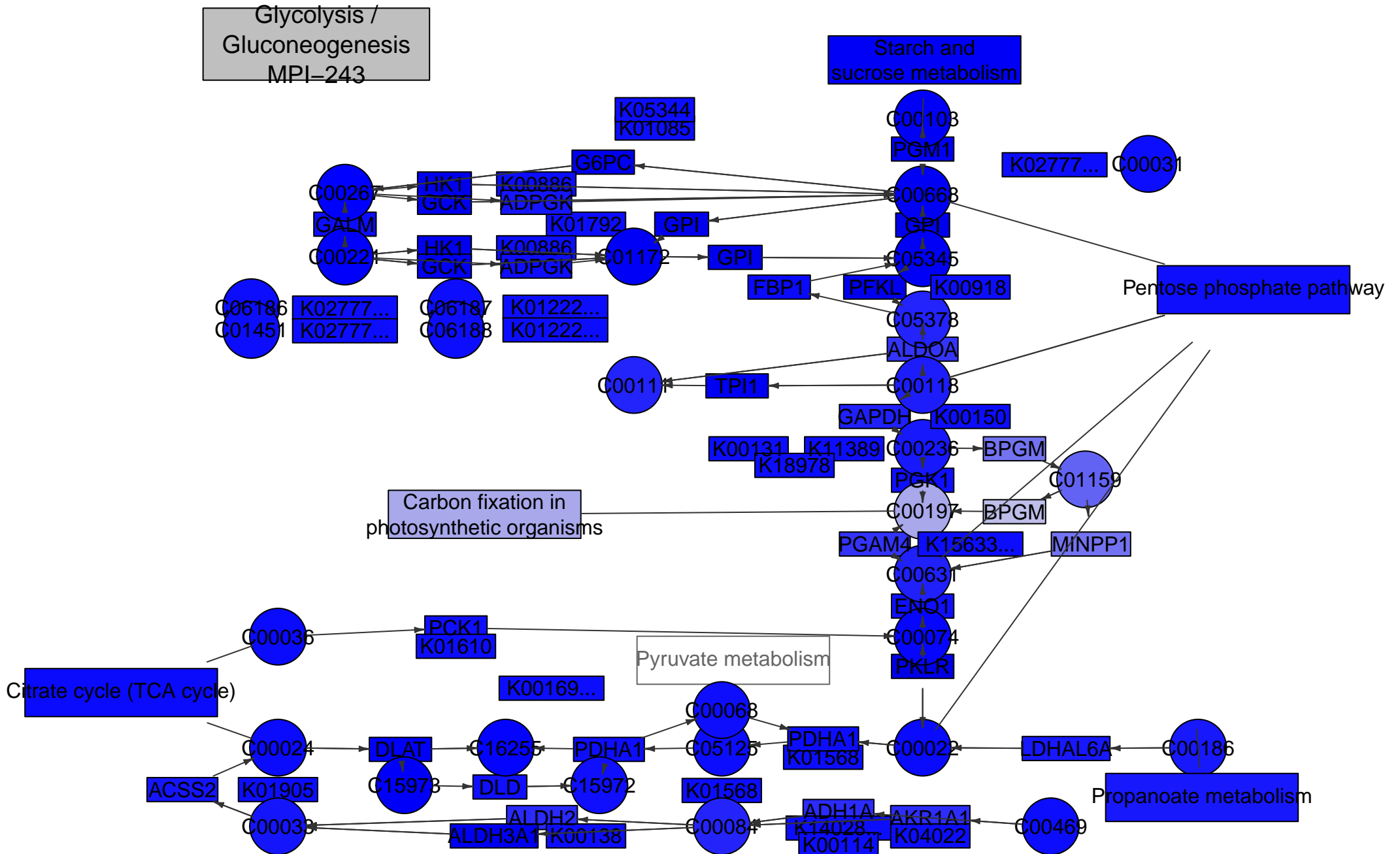


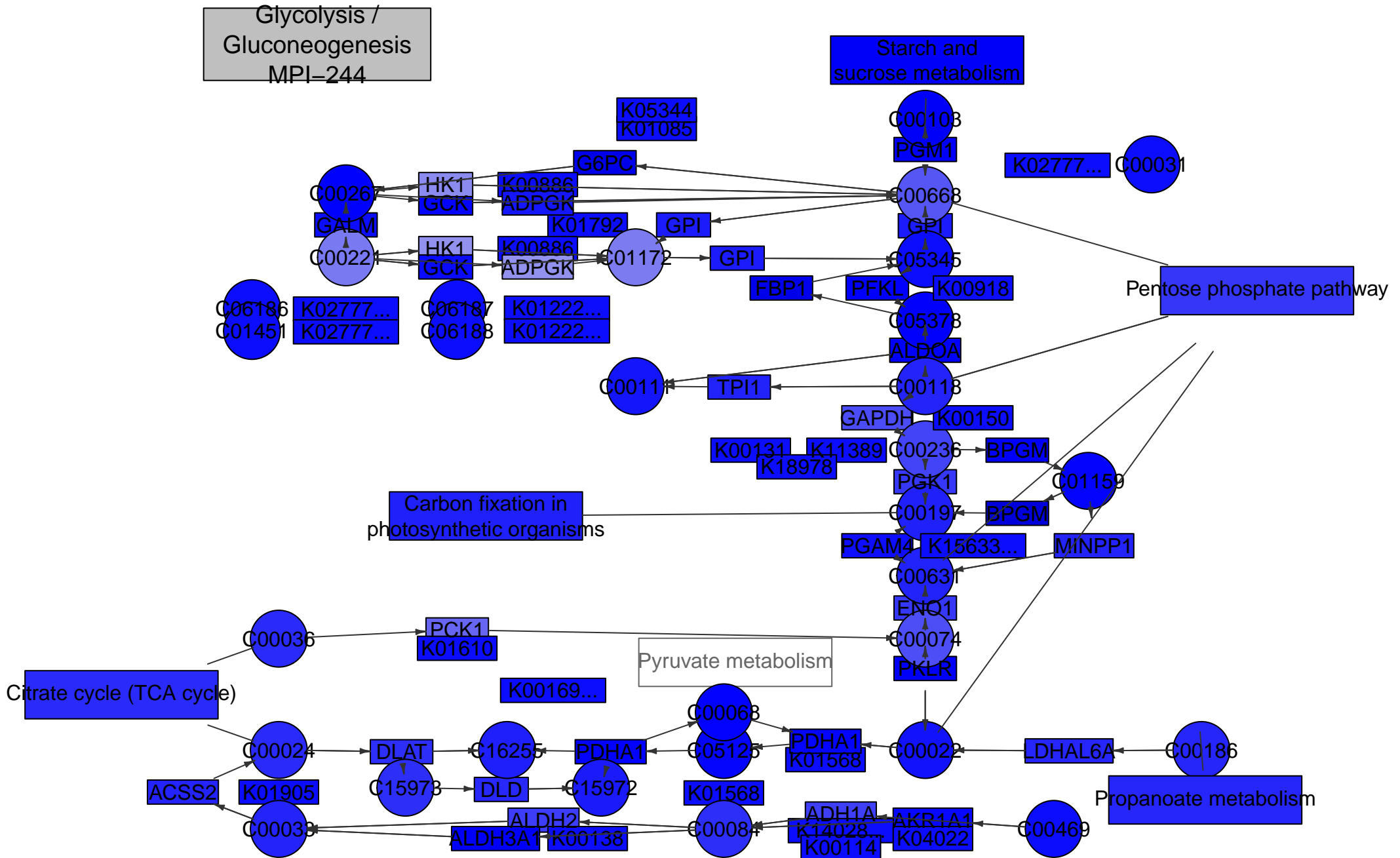


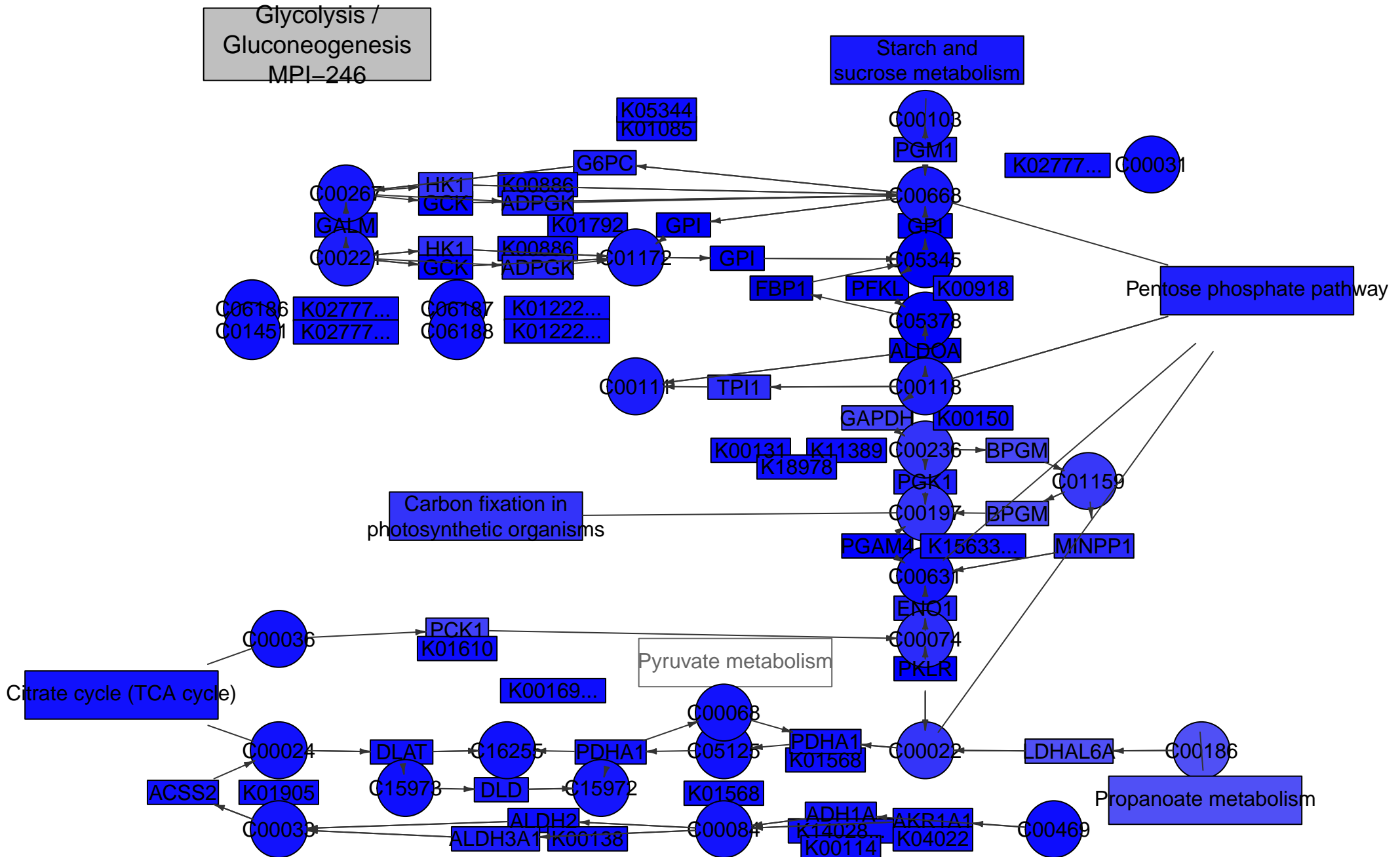


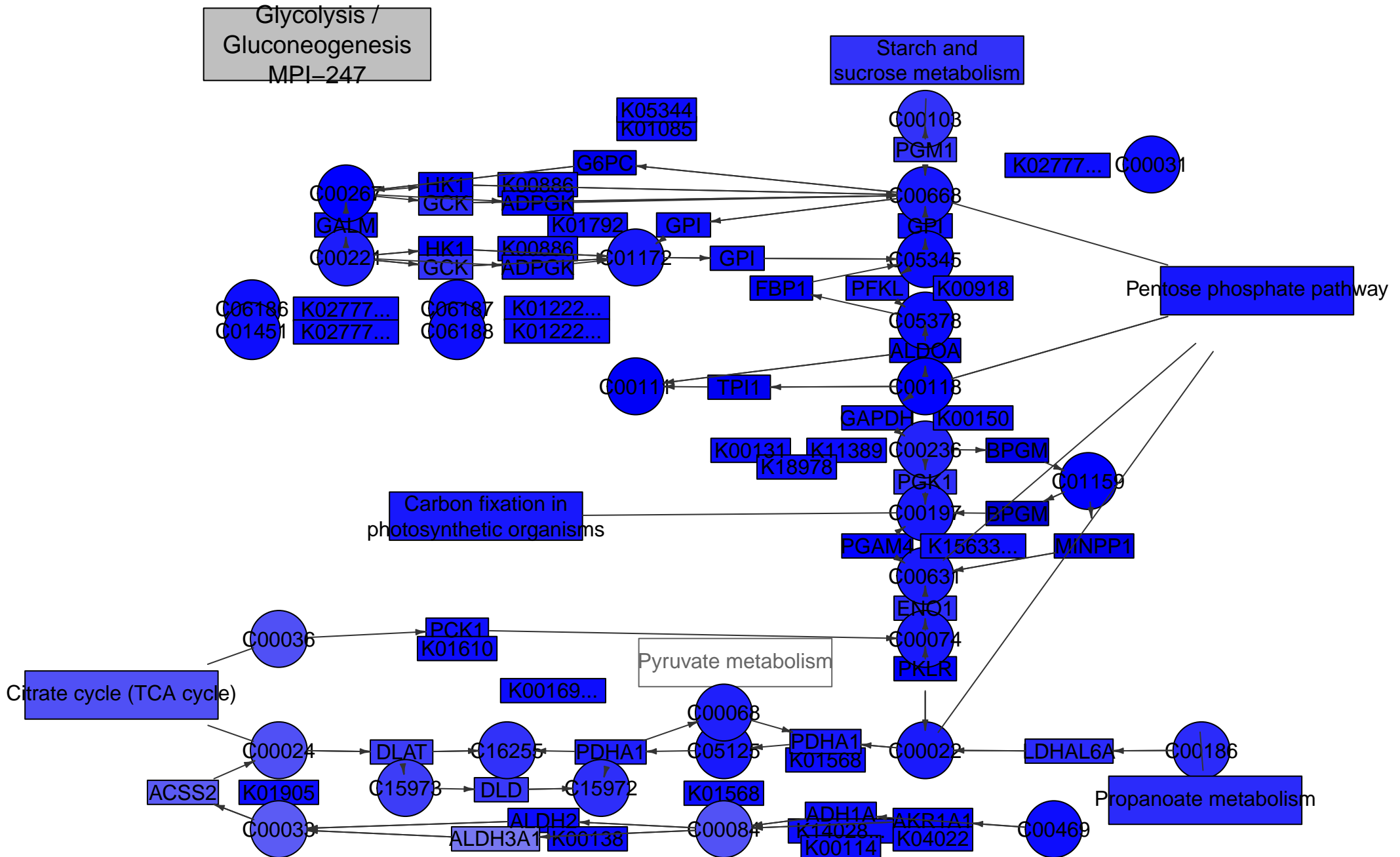


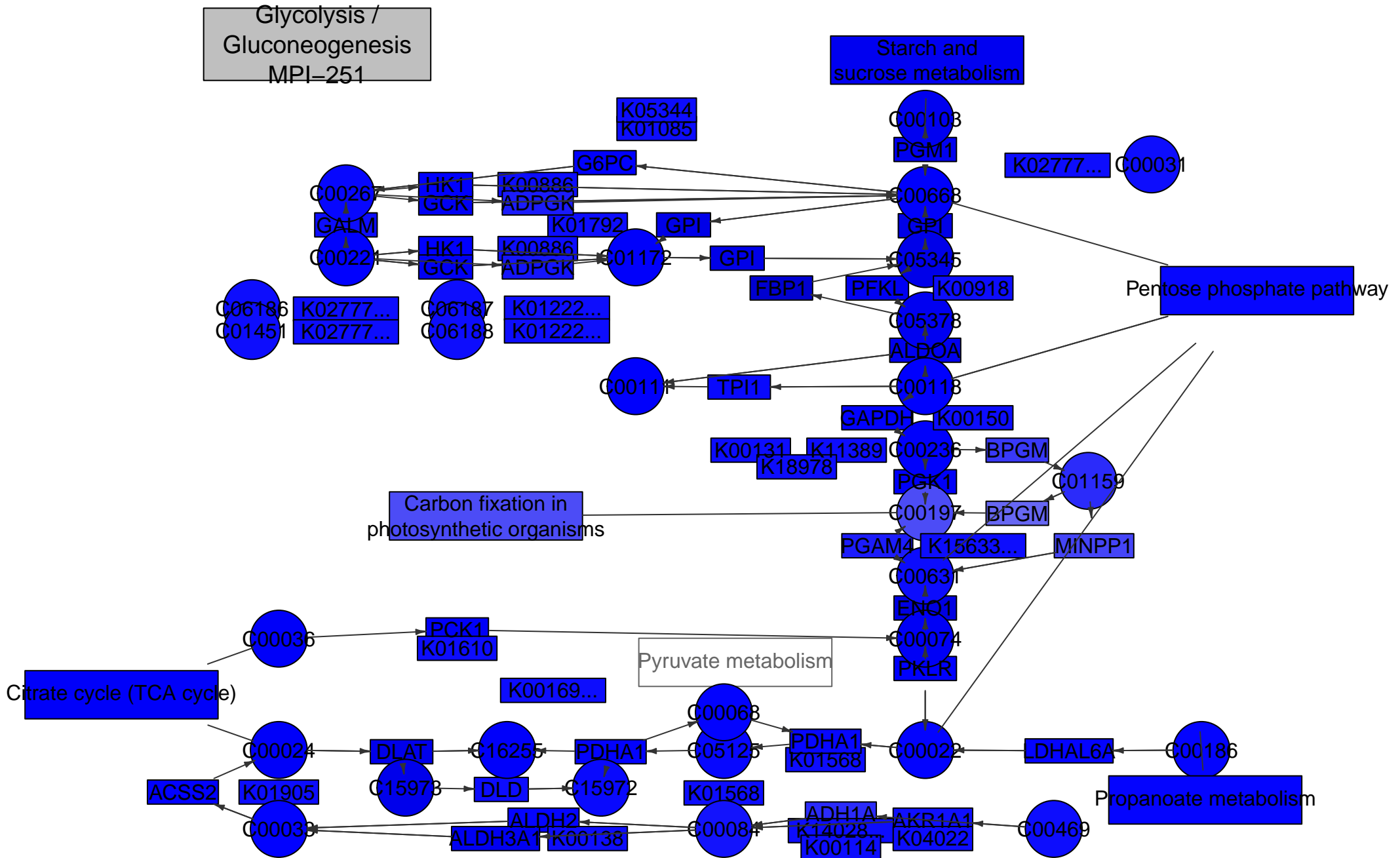


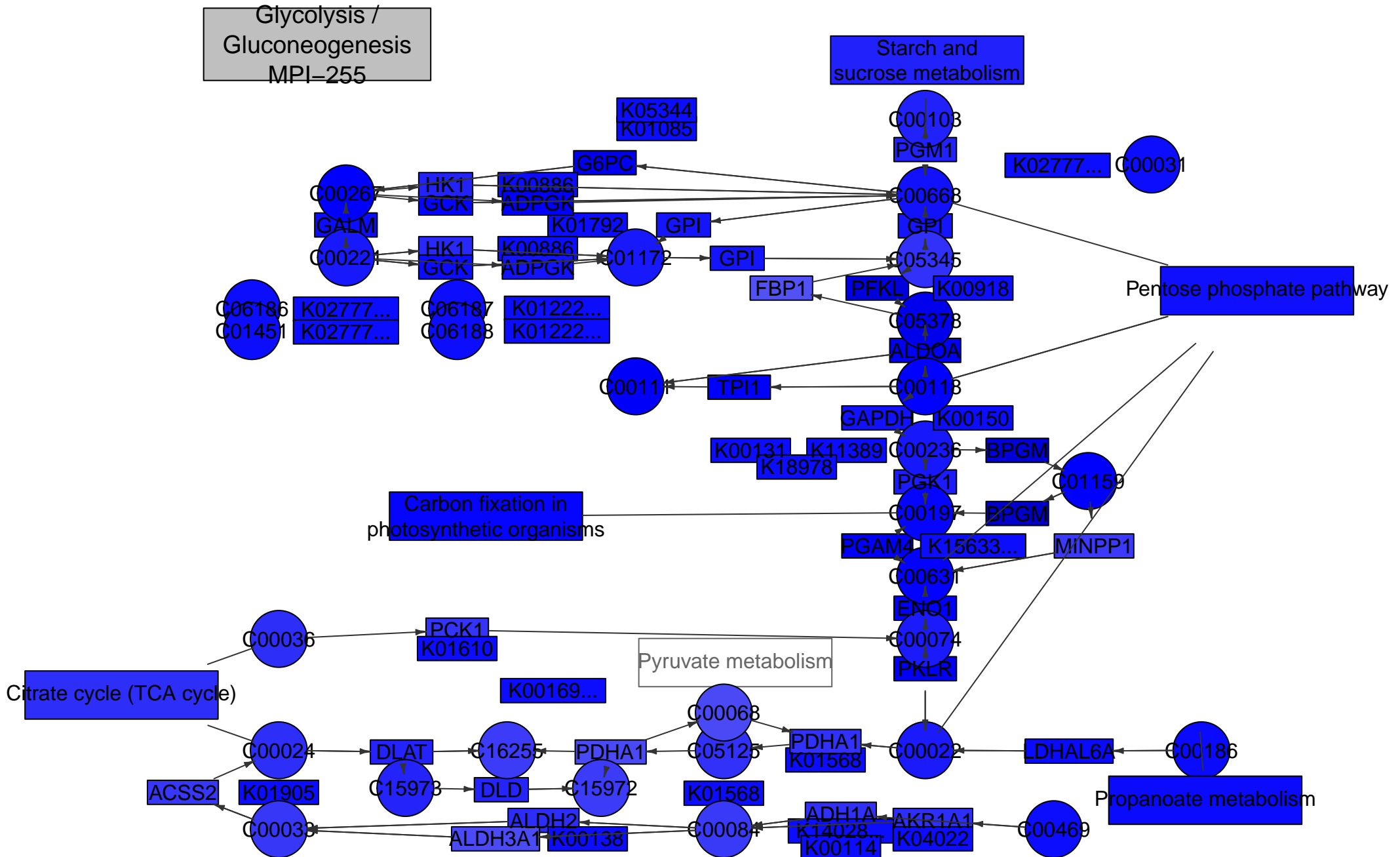












Glycolysis /  
Gluconeogenesis  
MPI-223b

Starch and  
sucrose metabolism

