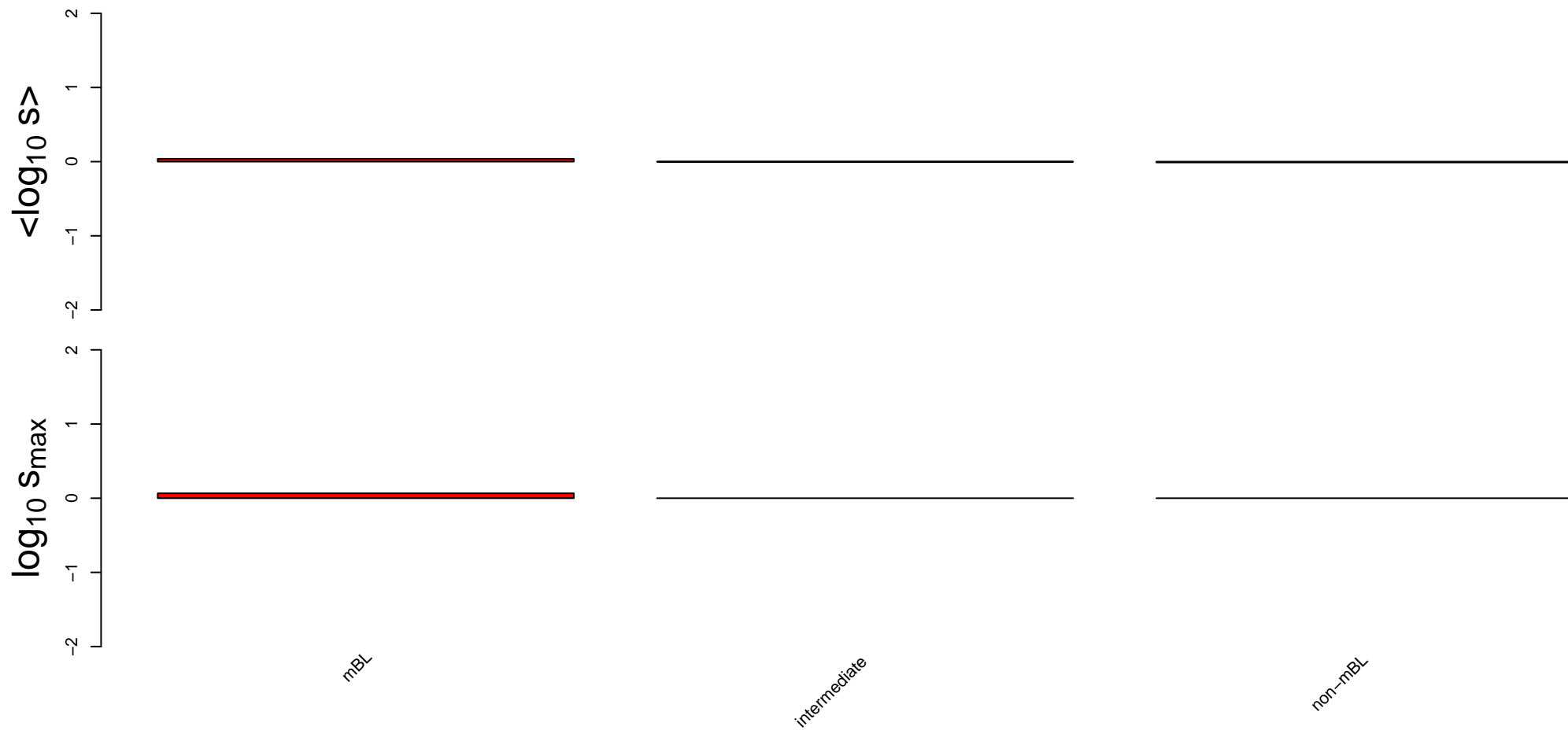
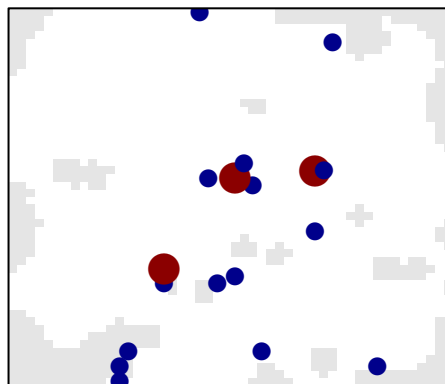
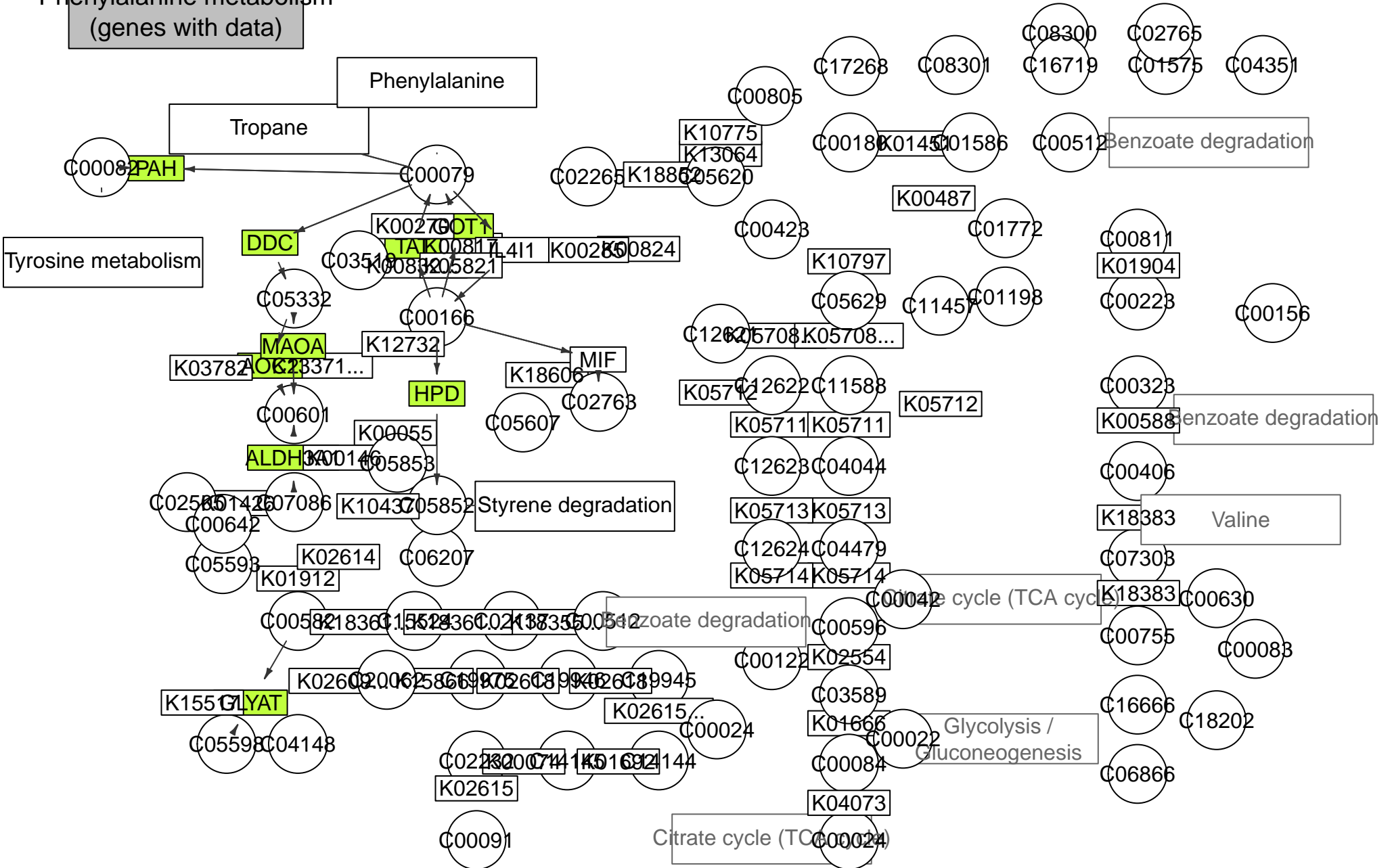


# Phenylalanine metabolism

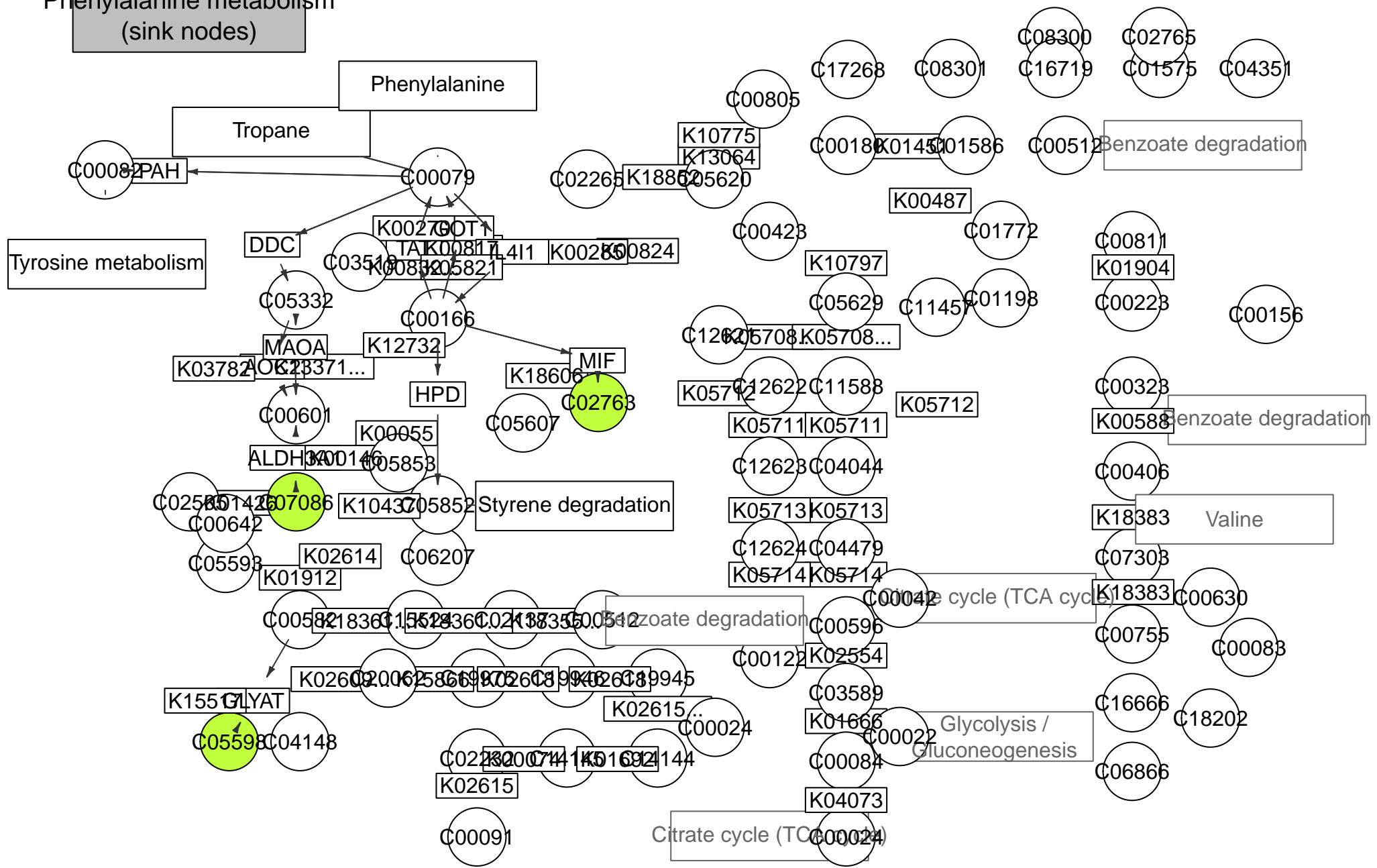
all genes



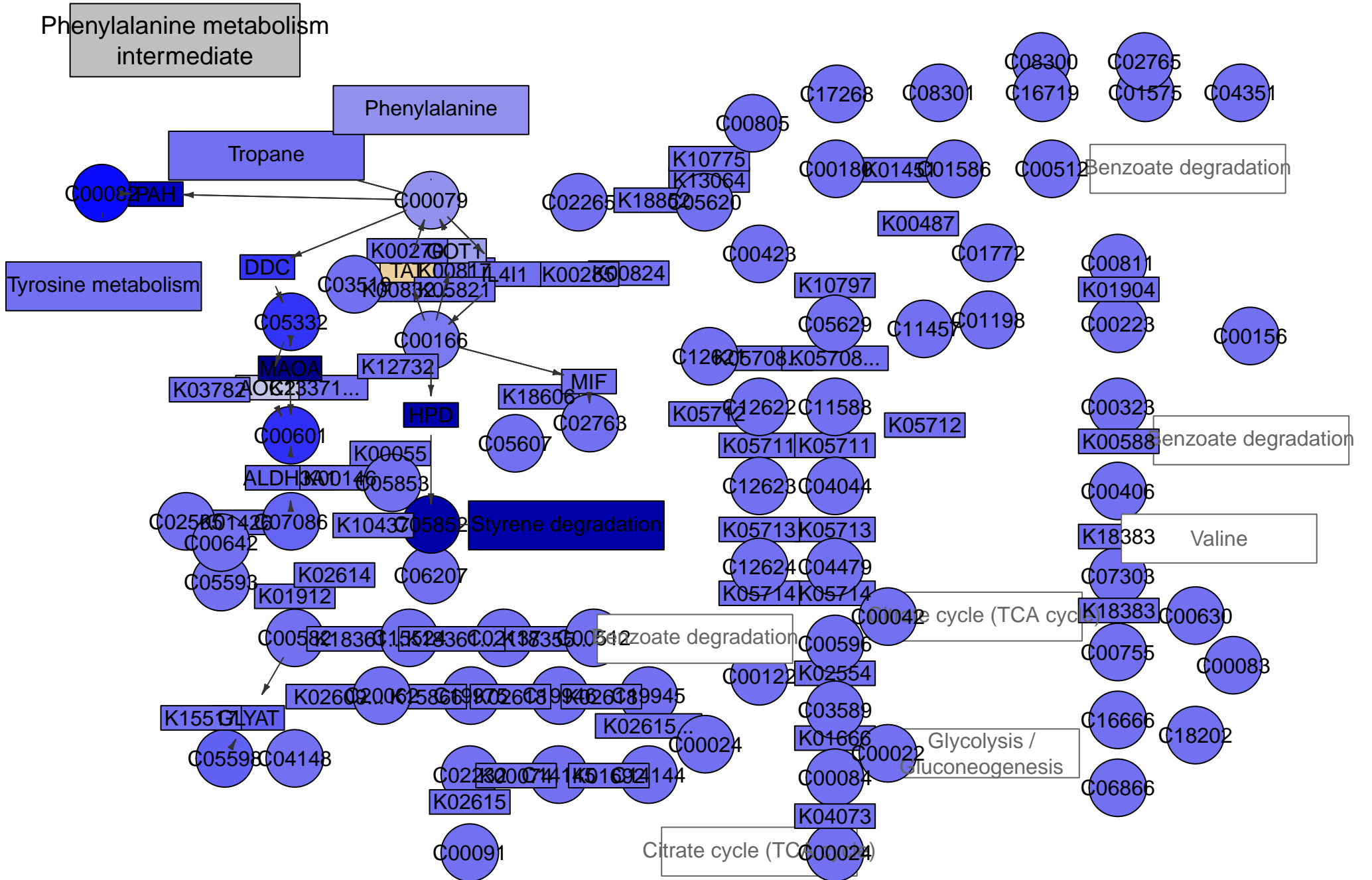
Phenylalanine metabolism  
(genes with data)



Phenylalanine metabolism  
(sink nodes)







Phenylalanine metabolism

non-mBL

Phenylalanine

Tropane

DDC

Tyrosine metabolism

MAOA

HPD

Styrene degradation

GLYAT

C08300

C02765

C04351

C00805

C17268

C08301

C16719

C01575

C00082

PAH

C00079

C02265

K18865

K10775

K13064

C00188

K01450

C01586

C00512

Benzoate degradation

C03510

K00270

GOT1

K00817

L411

C00423

K00487

C01772

C00811

K01904

C05332

C00830

K00830

K00582

K00824

K10797

C01198

C00223

C00156

C00166

MIF

C12625

C05629

C11457

C01198

K03782

K02337

K02371

K12732

K18606

C02763

K05712

C12622

C11588

K05712

C00323

K00588

Benzoate degradation

C00601

K00055

C05607

C02763

K05711

K05711

K05712

C00406

C02585

K01426

C07086

K10437

C05852

C06207

Styrene degradation

C12623

C04044

C00042

K18383

Valine

C05593

K02614

C06207

K01912

C00042

C00042

C00042

C12624

C04479

K05714

K05714

C07303

K18383

Valine

C00582

K18360

C15283

C02137

C00542

Benzoate degradation

C00596

C00122

K02554

C00042

C00042

C00630

C00755

C00083

K155

GLYAT

C05593

C04148

K02602

C00625

C00625

K02608

K02608

C03589

K01666

C00022

Glycolysis / Gluconeogenesis

C16666

C18202

C02280

C00074

K01692

C00024

C00084

C00024

C00024

C06866

K02615

C00091

K01692

C00024

C00084

K04073

C00024

Citrate cycle (TCA cycle)

C00024