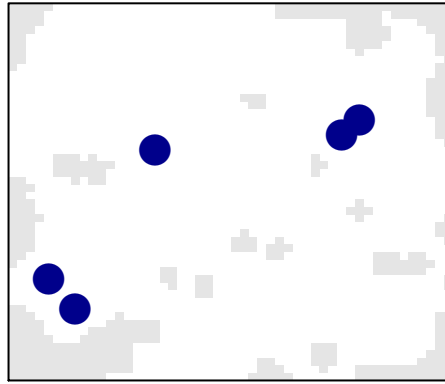


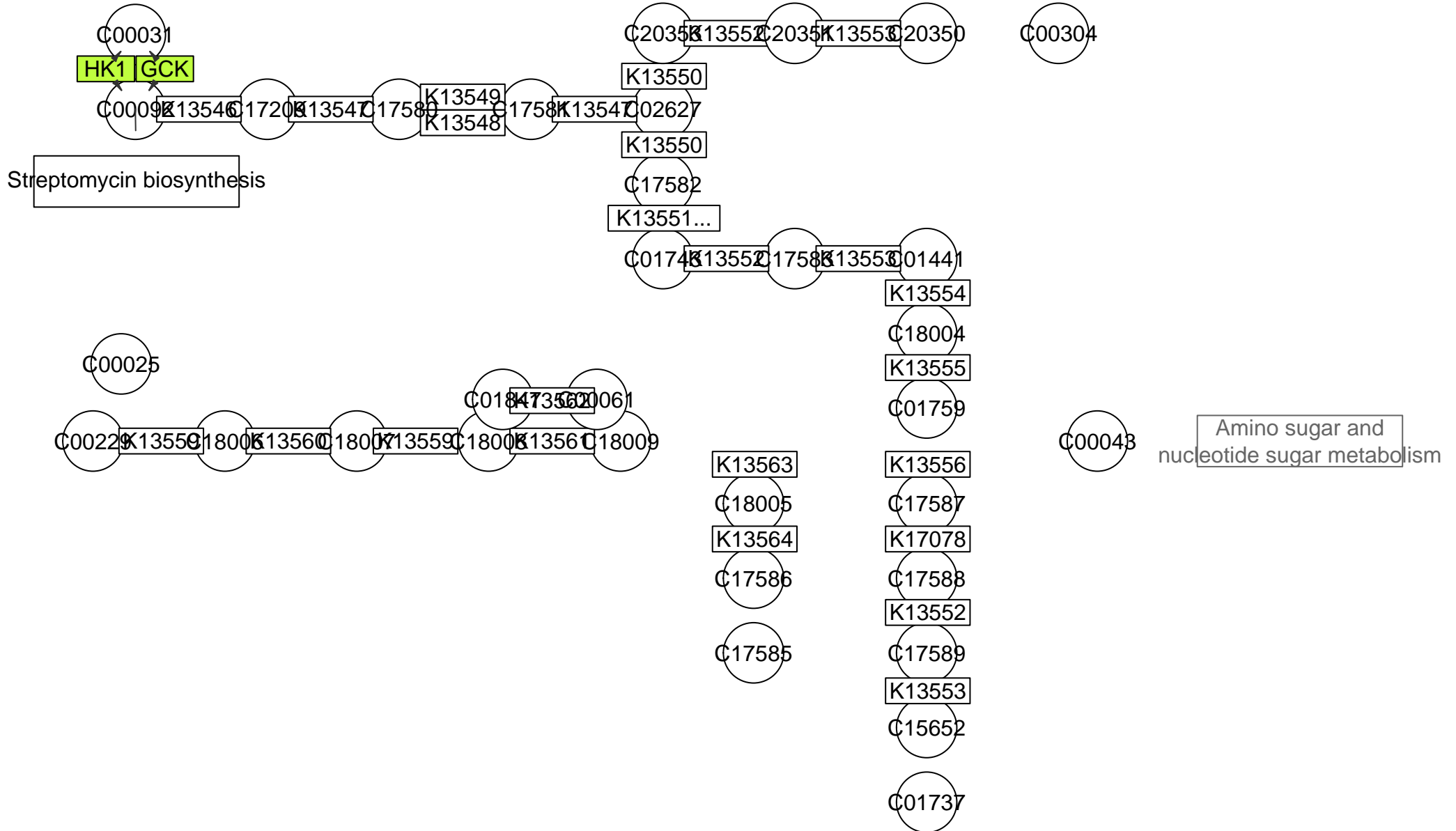
Butirosin and neomycin biosynthesis

all genes

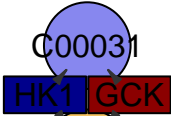


maximum = 1

Butirosin and
neomycin biosynthesis
(genes with data)



Butirosin and
neomycin biosynthesis
mBL



C00031

C00099



C1720

C1720

C1758

C1758

C1758

K13550

K13550

C17582

K13551...

C01748

C17588

C01441

K13552

K13552

K13552

K13554

C18004

K13555

C01759

K13556

C17587

K17078

C17588

K13552

C17589

K13553

C15652

C01737



C2035

C2035

C2035

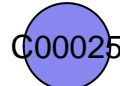
K13552

K13552

K13552

C00304

Streptomycin biosynthesis



C00025

C00229

C18006

C18007

C18008

C18009

K13559

K13560

K13561

K13562

K13563

C01847

C01847

C01847

K13563

C18005

K13564

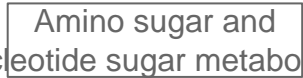
C17586

C17585

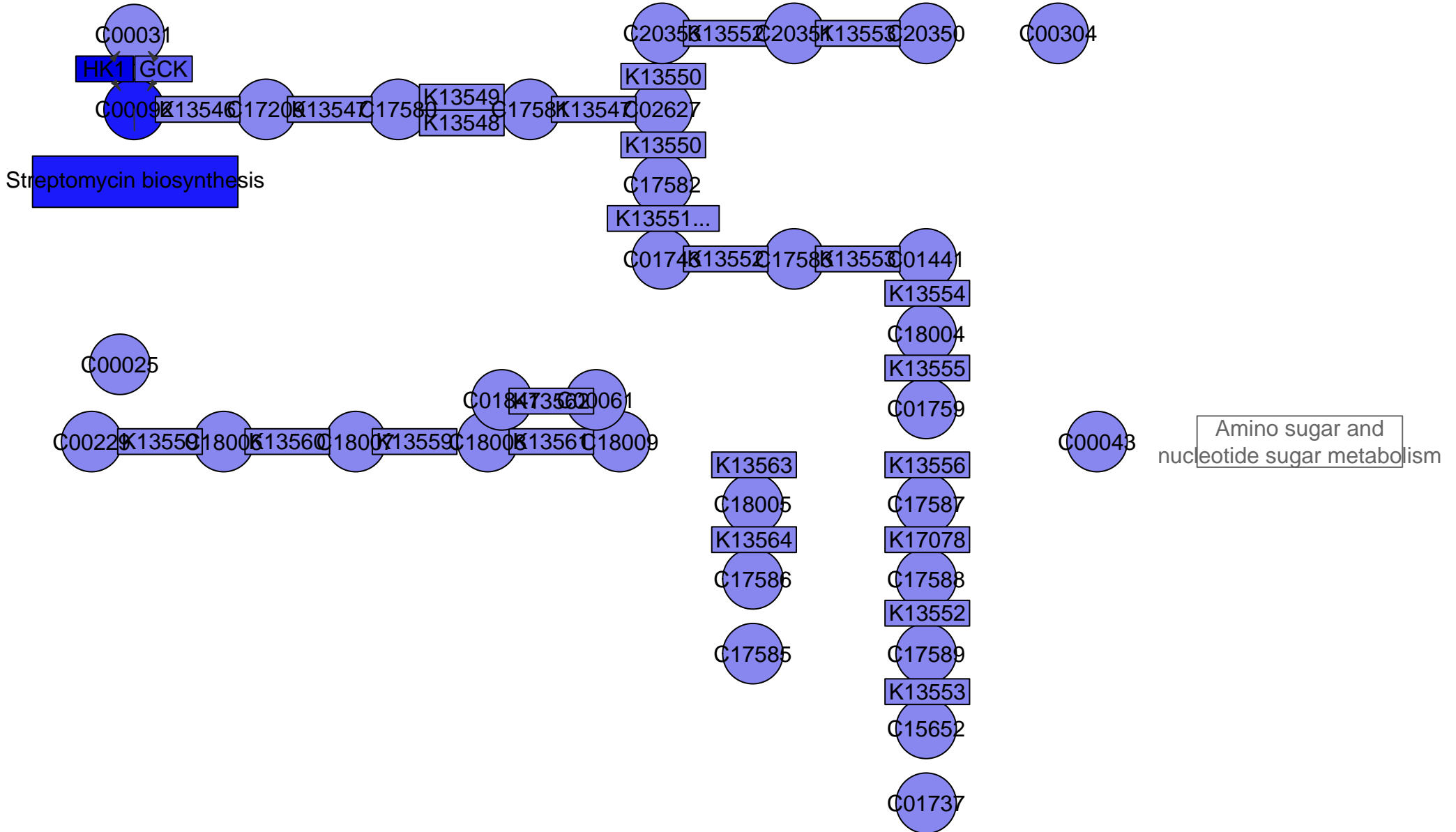
C17585

C00043

Amino sugar and
nucleotide sugar metabolism



Butirosin and
neomycin biosynthesis
intermediate



Butirosin and
neomycin biosynthesis
non-mBL

C00031

HK1 GCK

C00099

K13546

C17208

K13547

C17589

K13549
K13548

C17588

K13547

C02627

C20358

K13552

C20359

K13553

C20350

C00304

Streptomycin biosynthesis

K13550

K13550

C17582

K13551...

C01748

K13552

C17583

K13553

C01441

K13554

C18004

K13555

C01759

C00025

C01847
K13562

C01848

C01806
K13561

C00229

K13559

C18006

K13560

C18007

K13559

C18008

K13561

C18009

C00043

Amino sugar and
nucleotide sugar metabolism

K13563

C18005

K13564

C17586

C17585

K13556

C17587

K17078

C17588

K13552

C17589

K13553

C15652

C01737