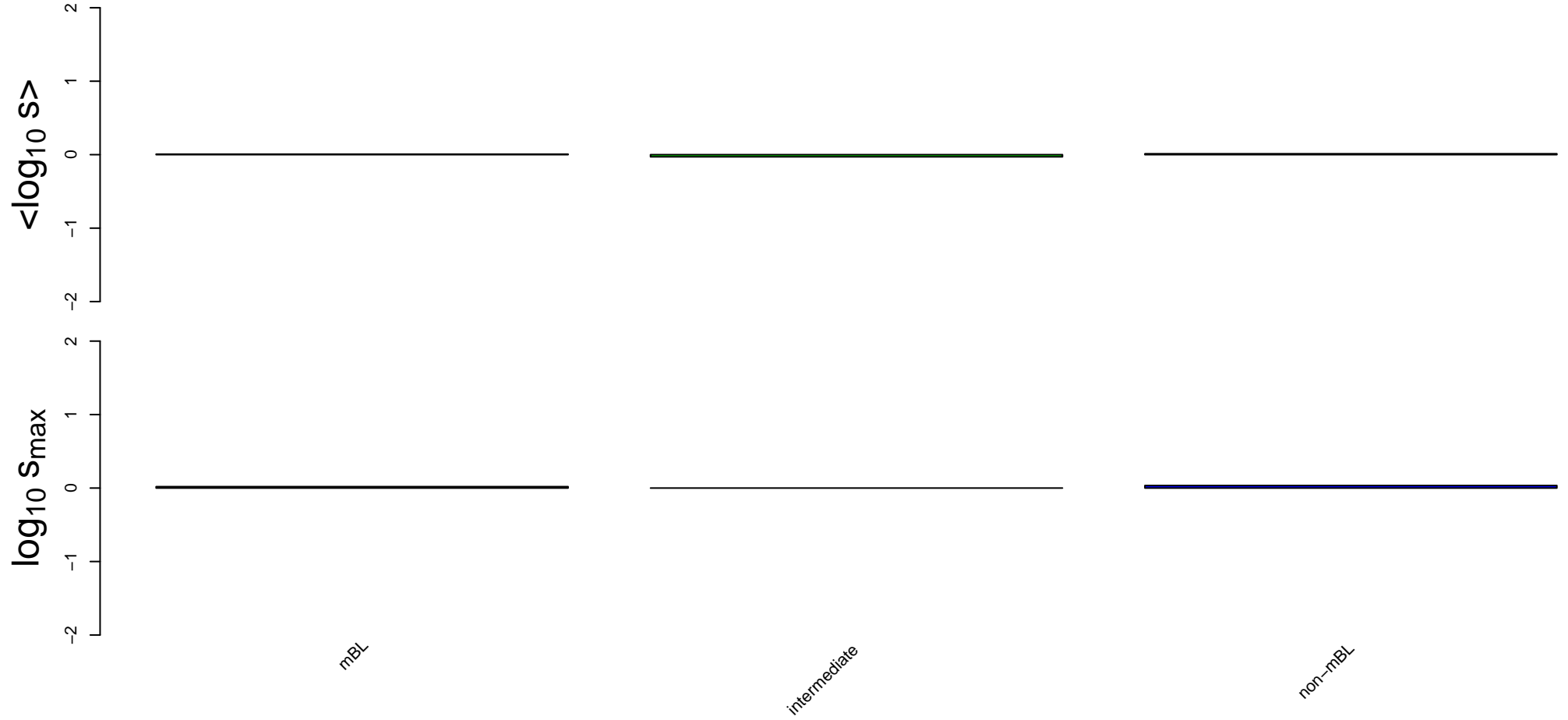
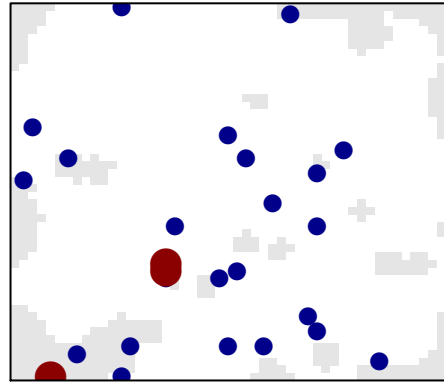
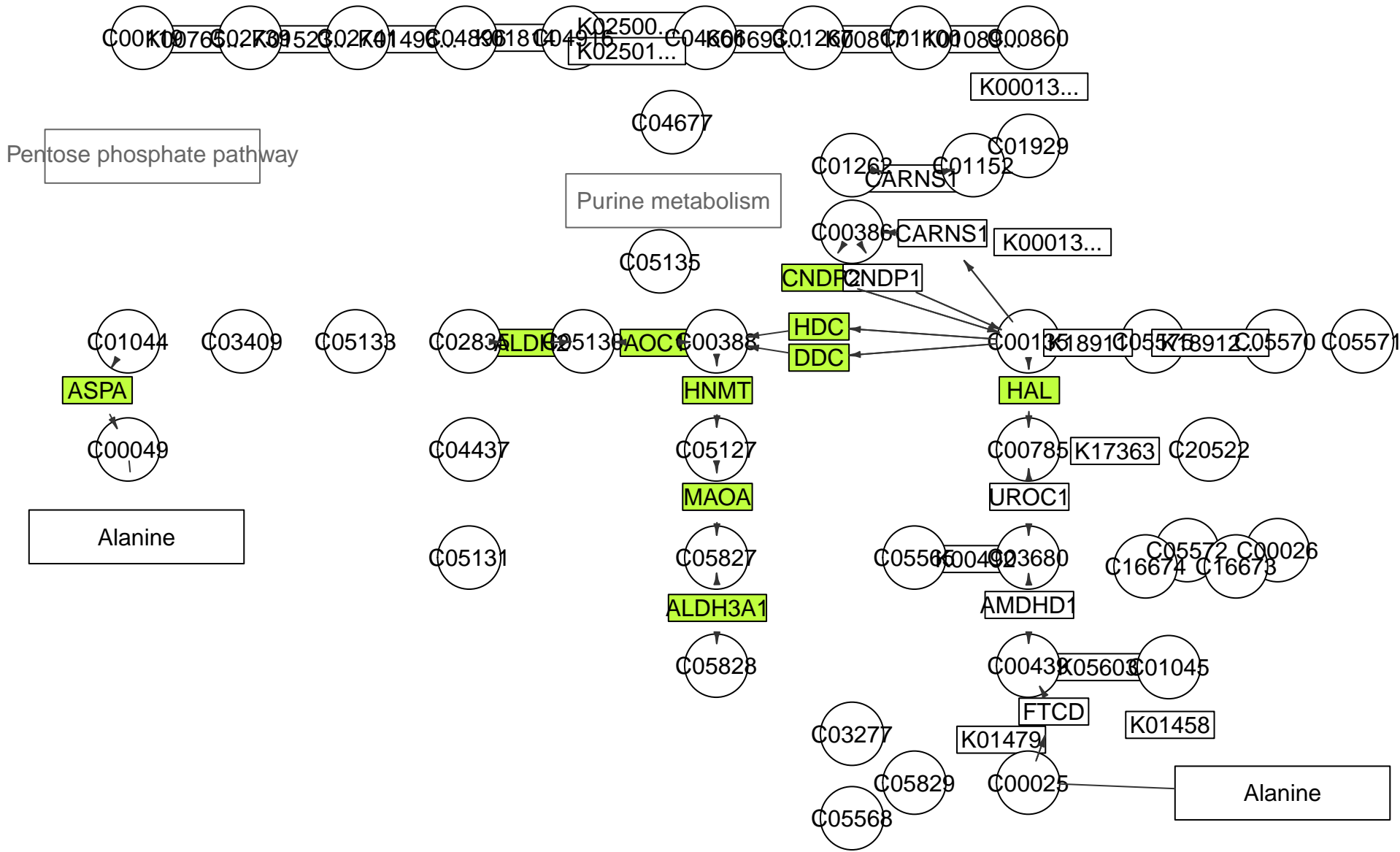


Histidine metabolism

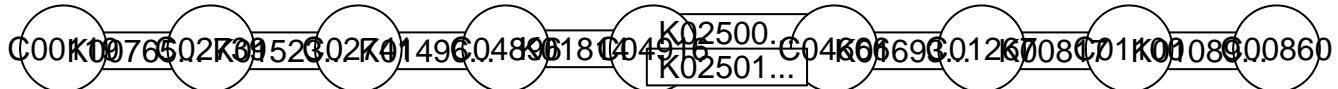
all genes



Histidine metabolism
(genes with data)

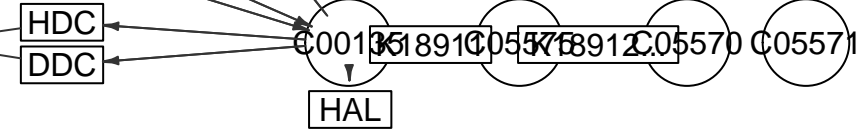
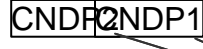


Histidine metabolism
(sink nodes)

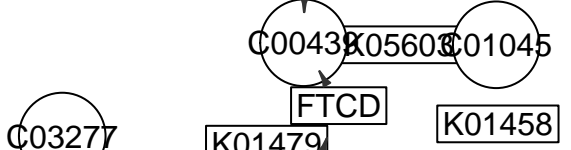
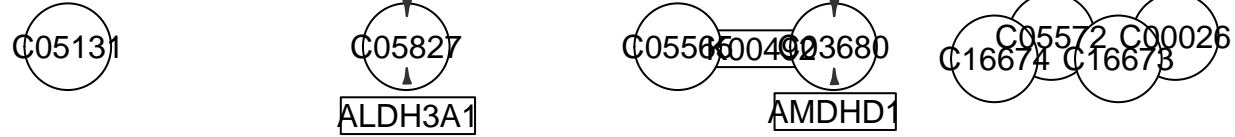


Pentose phosphate pathway

Purine metabolism



Alanine



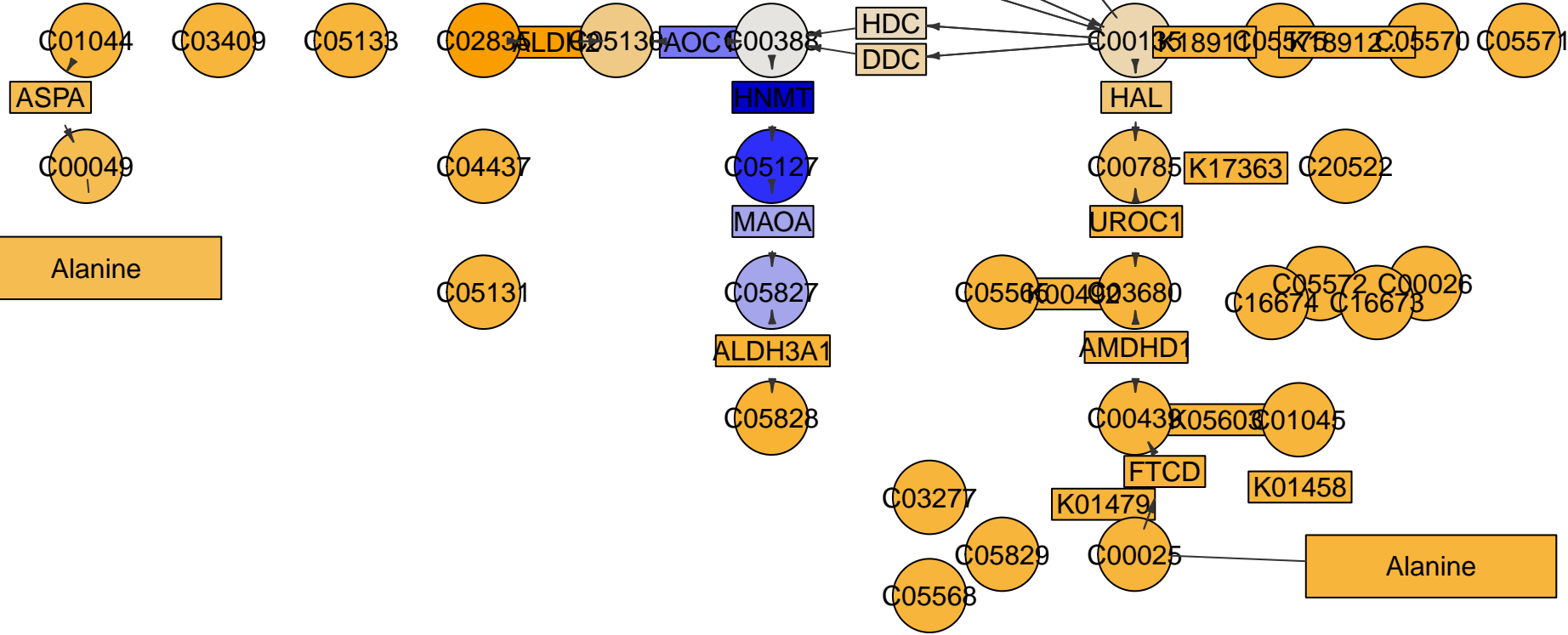
Alanine

Histidine metabolism
mBL



Pentose phosphate pathway

Purine metabolism



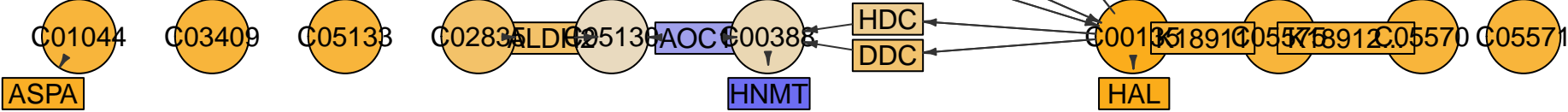
Histidine metabolism intermediate



Pentose phosphate pathway

Purine metabolism

CNDP2
CNDP1



Alanine

Alanine

Histidine metabolism
non-mBL



K00013...

Pentose phosphate pathway

Purine metabolism



CNDF2

CARNIS1

K00013...

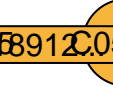
CNDP1



HDC

DDC

HNMT



ASPA



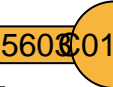
MAOA



Alanine



ALDH3A1



Alanine