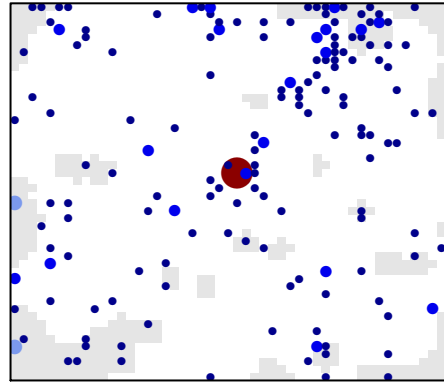
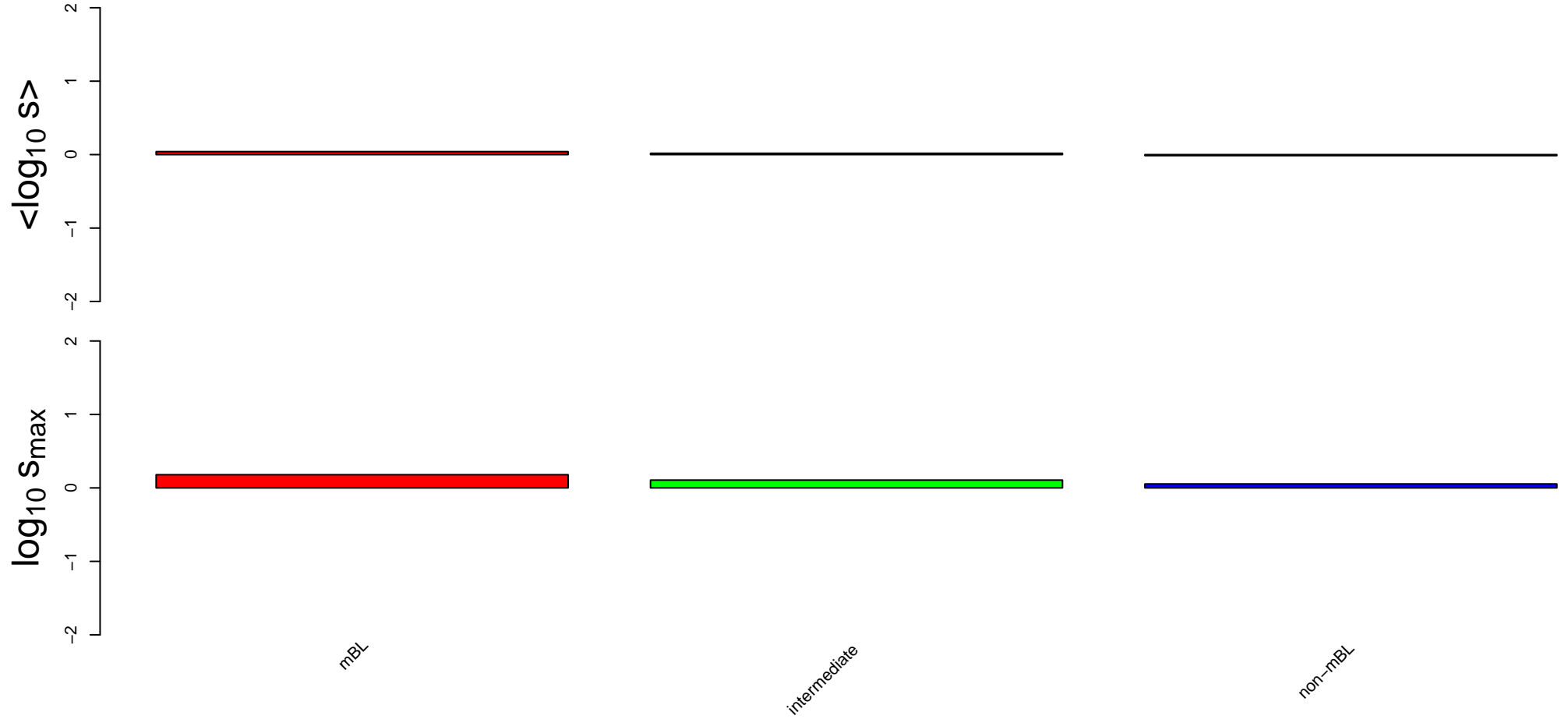


Purine metabolism

all genes



maximum = 8

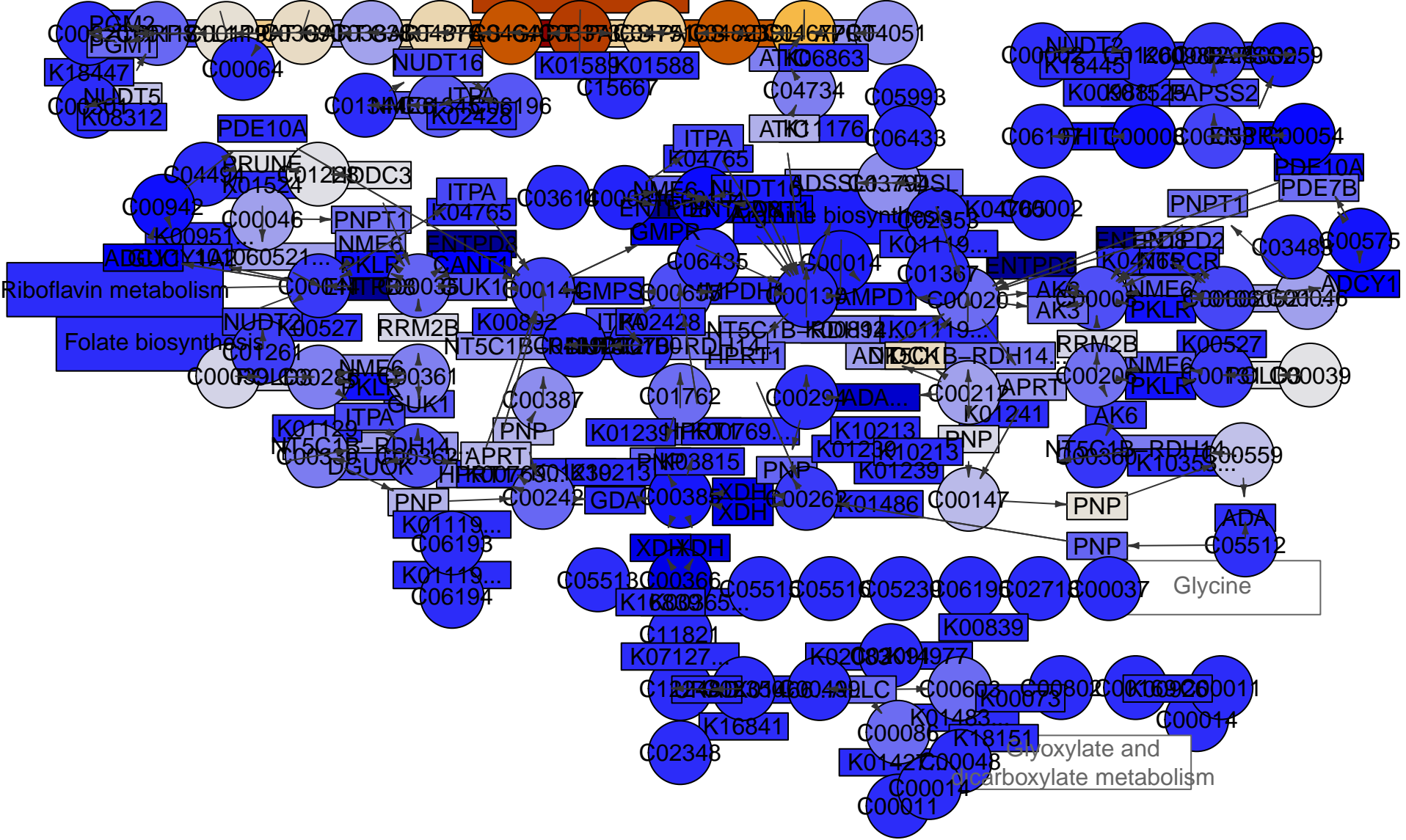


Purine metabolism
mBL

Pentose phosphate pathway
Alanine

Thiamine metabolism

Histidine metabolism

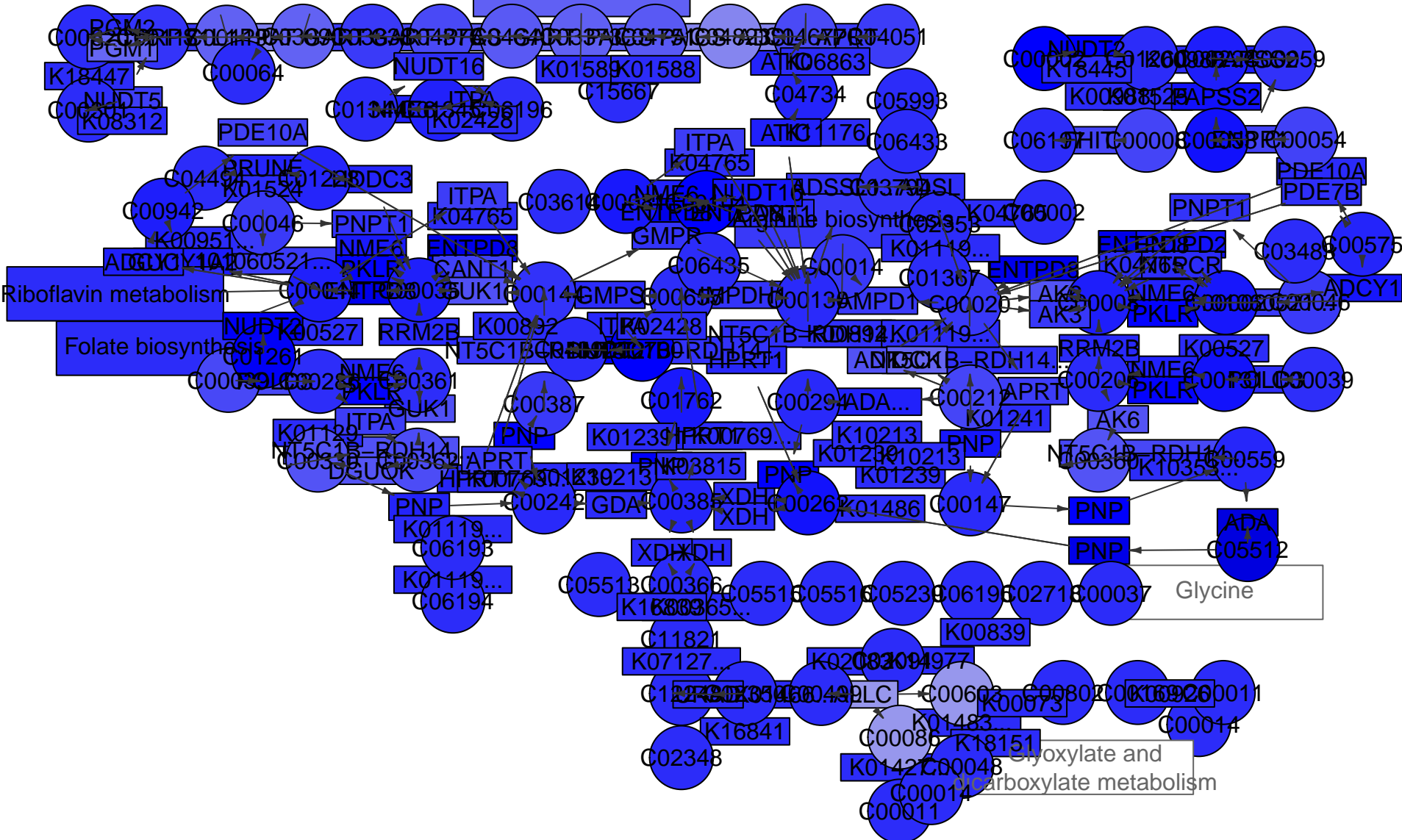


Purine metabolism intermediate

Pentose phosphate pathway
Alanine

Thiamine metabolism

Histidine metabolism



Riboflavin metabolism

Folate biosynthesis

Glycine

5-oxalate and
carboxylate metabolism

Purine metabolism
non-mBL

Pentose phosphate pathway

Alanine

Thiamine metabolism

Histidine metabolism

