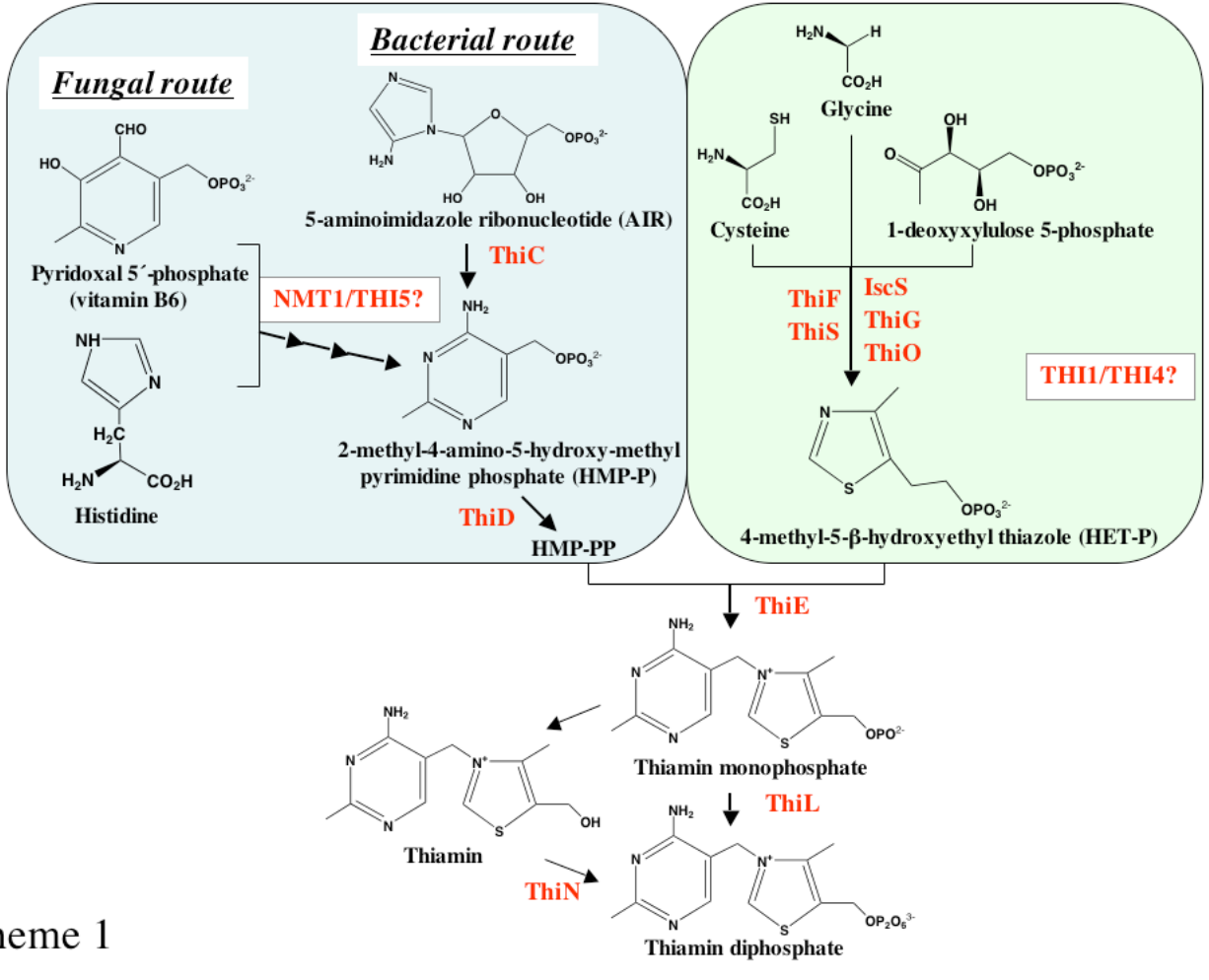
Bacterial route
Fungal route
5-aminoimidazole ribonucleotide (AIR)
ThiC
Pyridoxal 5´-phosphate
(vitamin B6)
NMT1/THI5?
Histidine
2-methyl-4-amino-5-hydroxy-methyl
pyrimidine phosphate (HMP-P)
ThiD
HMP-PP
Glycine
Cysteine
1-deoxyxylulose 5-phosphate
ThiF
ThiS
IscS
ThiG
ThiO
THI1/THI4?
4-methyl-5-β-hydroxyethyl thiazole (HET-P)
ThiE
Thiamin monophosphate
Thiamin
ThiN
ThiL
Thiamin diphosphate

Scheme 1