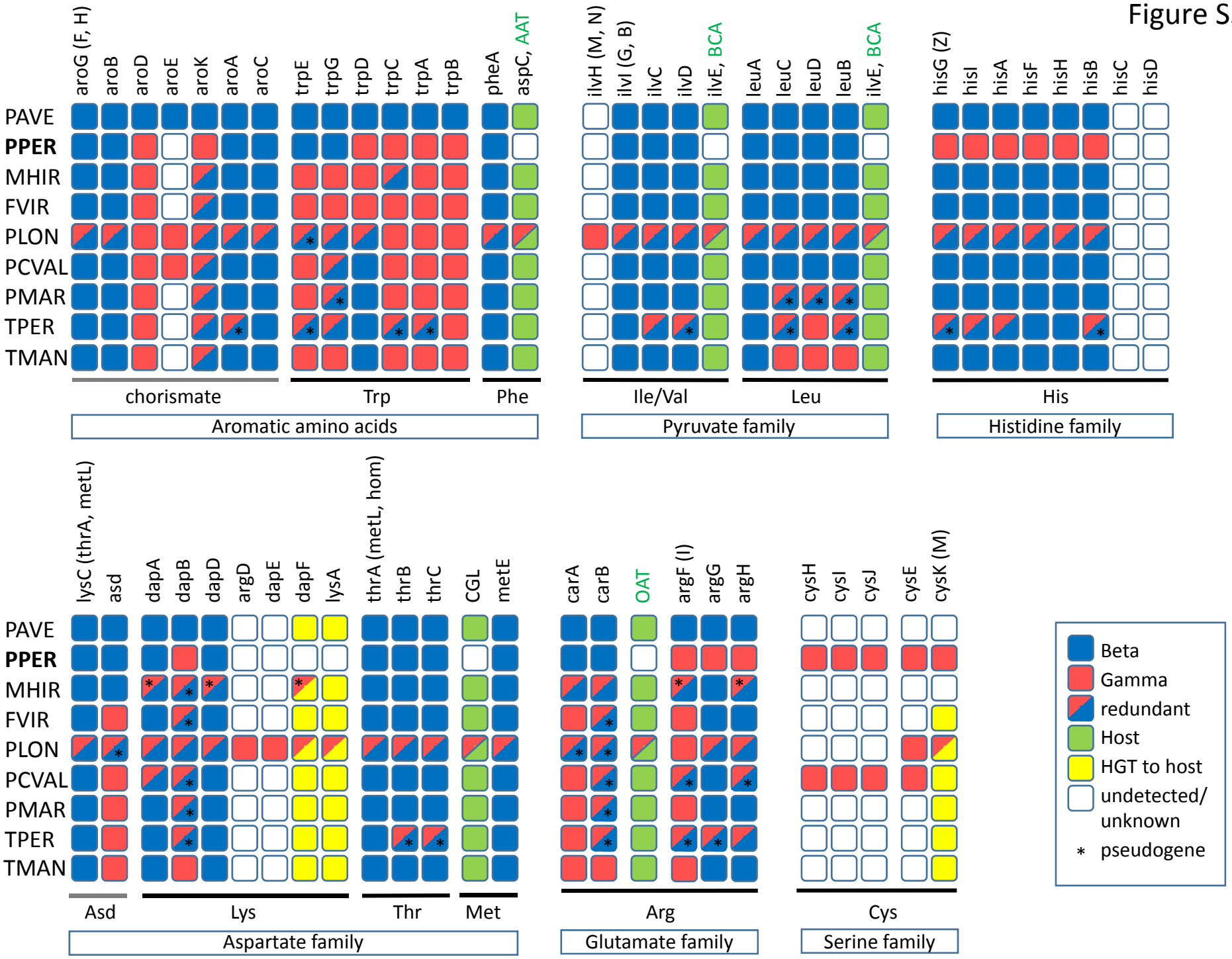
Figure S3


aroG (F, H)
aroB
aroD
aroE
aroK
aroA
aroC
trpE
trpG
trpD
trpC
trpA
trpB
pheA
aspC, AAT
ilvH (M, N)
ilvI (G, B)
ilvC
ilvD
ilvE, BCA
leuA
leuC
leuD
leuB
ilvE, BCA
hisG (Z)
hisI
hisA
hisF
hisH
hisB
hisC
hisD
PAVE
PPER
MHIR
FVIR
PLON
PCVAL
PMAR
TPER
TMAN
chorismate
Trp
Phe
Aromatic amino acids
Ile/Val
Leu
Pyruvate family
His
Histidine family
lysC (thrA, metL)
asd
dapA
dapB
dapD
argD
dapE
dapF
lysA
thrA (metL, hom)
thrB
thrC
CGL
metE
carA
carB
OAT
argF (I)
argG
argH
cysH
cysI
cysJ
cysE
cysK (M)
Asd
Lys
Thr
Met
Aspartate family
Arg
Glutamate family
Cys
Serine family
Beta
Gamma
redundant
Host
HGT to host
undetected/ unknown
* pseudogene