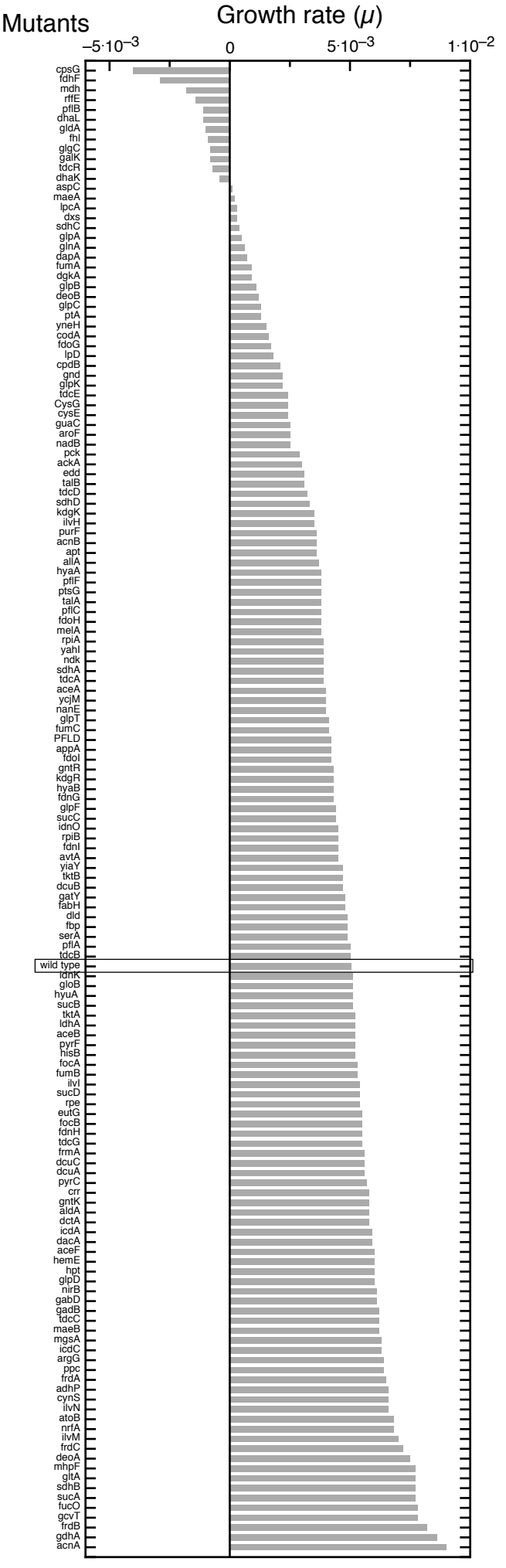
Mutants
Growth rate (μ)
−5·10−3
0
5·10−3
1·10−2
cpsG
fdhF
mdh
rffE
pflB
dhaL
gldA
fhl
glgC
galK
tdcR
dhaK
aspC
maeA
lpcA
dxs
sdhC
glpA
glnA
dapA
furnA
dgkA
glpB
deoB
glpC
ptA
yneH
codA
fdoG
lpD
cpdB
gnd
glpK
tdcE
CysG
cysE
guaC
aroF
nadB
pck
ackA
edd
talB
tdcD
sdhD
kdgK
ilvH
purF
acnB
apt
allA
hyaA
pflF
ptsG
talA
pflC
fdoH
melA
rpiA
yahI
ndk
sdhA
tdcA
aceA
ycjM
nanE
glpT
fumC
PFLD
appA
fdoI
gntR
kdgR
hyaB
fdnG
glpF
sucC
idnO
rpiB
fdnI
avtA
yiaY
tktB
dcuB
gatY
fabH
dld
fbp
serA
pflA
tdcB
wild type
idnK
gloB
hyuA
sucB
tktA
ldhA
aceB
pyrF
hisB
focA
fumB
ilvI
sucD
rpe
eutG
focB
fdnH
tdcG
frmA
dcuC
dcuA
pyrC
crr
gntK
aldA
dctA
icdA
dacA
aceF
hemE
hpt
glpD
nirB
gabD
gadB
tdcC
maeB
mgsA
icdC
argG
ppc
frdA
adhP
cynS
ilvN
atoB
nrfA
ilvM
frdC
deoA
mhpF
gltA
sdhB
sucA
fucO
gcvT
frdB
gdhA
acnA