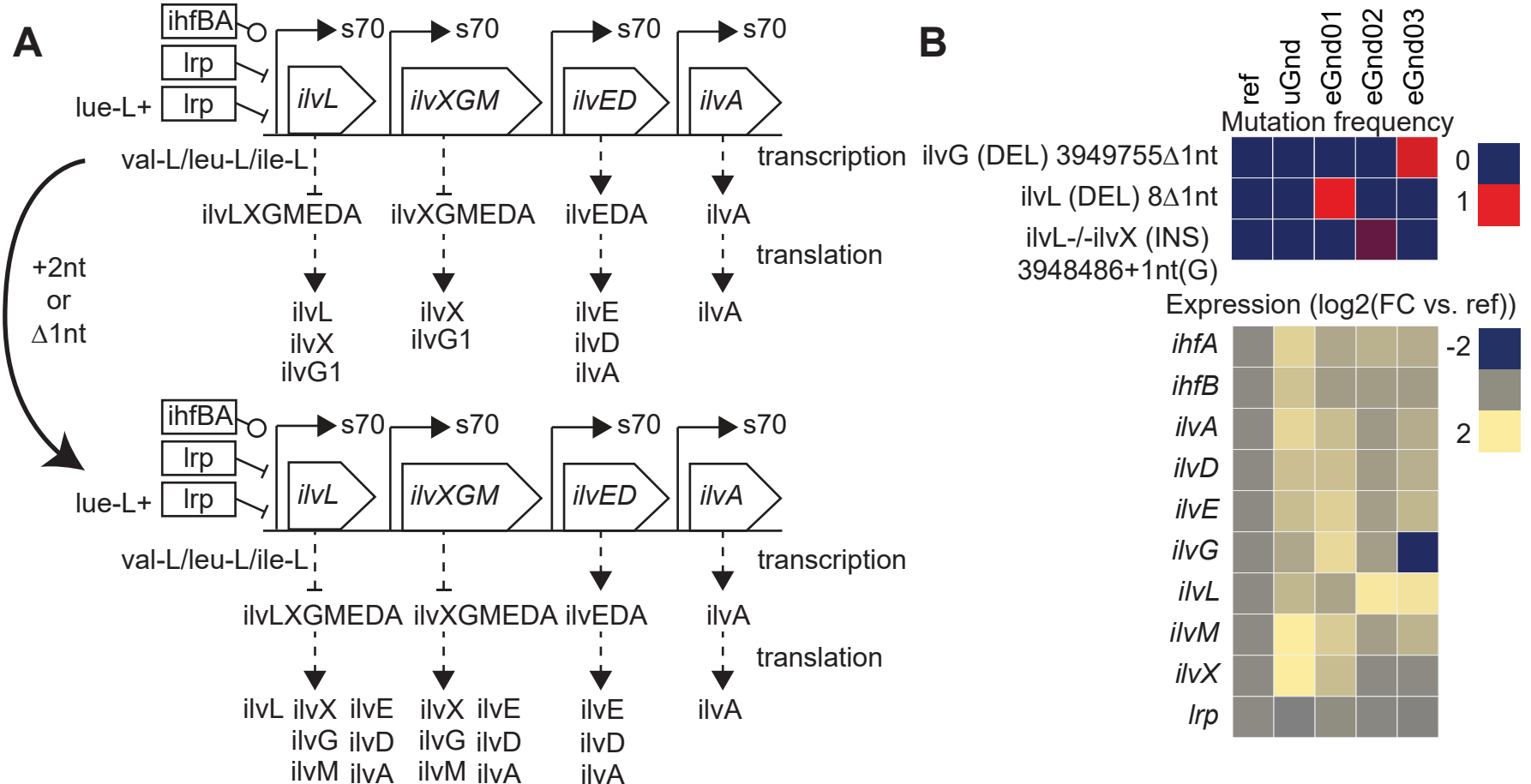
A
ihfBA
lrp
lrp
lue-L+
s70
s70
s70
s70
ilvL
ilvXGM
ilvED
ilvA
val-L/leu-L/ile-L
transcription
ilvLXGMEDA
ilvXGMEDA
ilvEDA
ilvA
translation
ilvL
ilvX
ilvG1
ilvX
ilvG1
ilvE
ilvD
ilvA
ilvA
+2nt
or
Δ1nt
ihfBA
lrp
lrp
lue-L+
s70
s70
s70
s70
ilvL
ilvXGM
ilvED
ilvA
val-L/leu-L/ile-L
transcription
ilvLXGMEDA
ilvXGMEDA
ilvEDA
ilvA
translation
ilvL ilvX ilvG ilvM
ilvE ilvD ilvA
ilvX ilvG ilvM
ilvE ilvD ilvA
ilvE ilvD ilvA
ilvA
B
ref
uGnd
eGnd01
eGnd02
eGnd03
Mutation frequency
ilvG (DEL) 3949755Δ1nt
ilvL (DEL) 8Δ1nt
ilvL-/-ilvX (INS)
3948486+1nt(G)
0
1
Expression (log2(FC vs. ref))
ihfA
ihfB
ilvA
ilvD
ilvE
ilvG
ilvL
ilvM
ilvX
lrp
-2
2