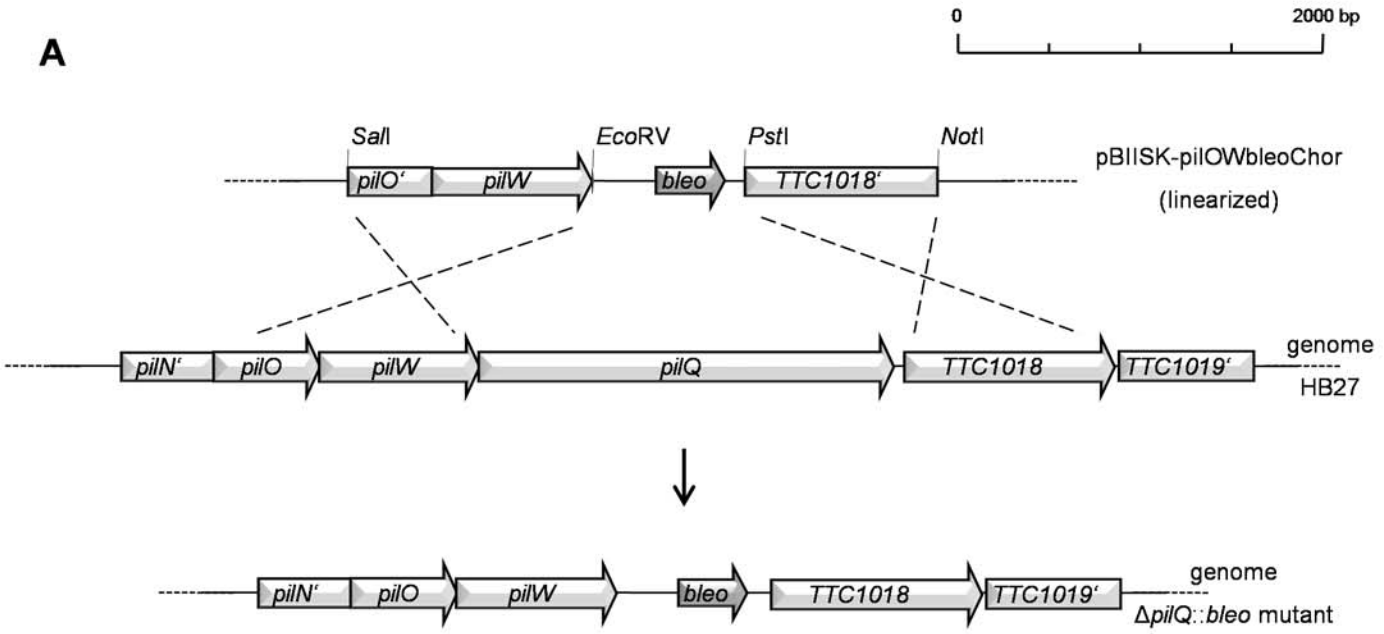
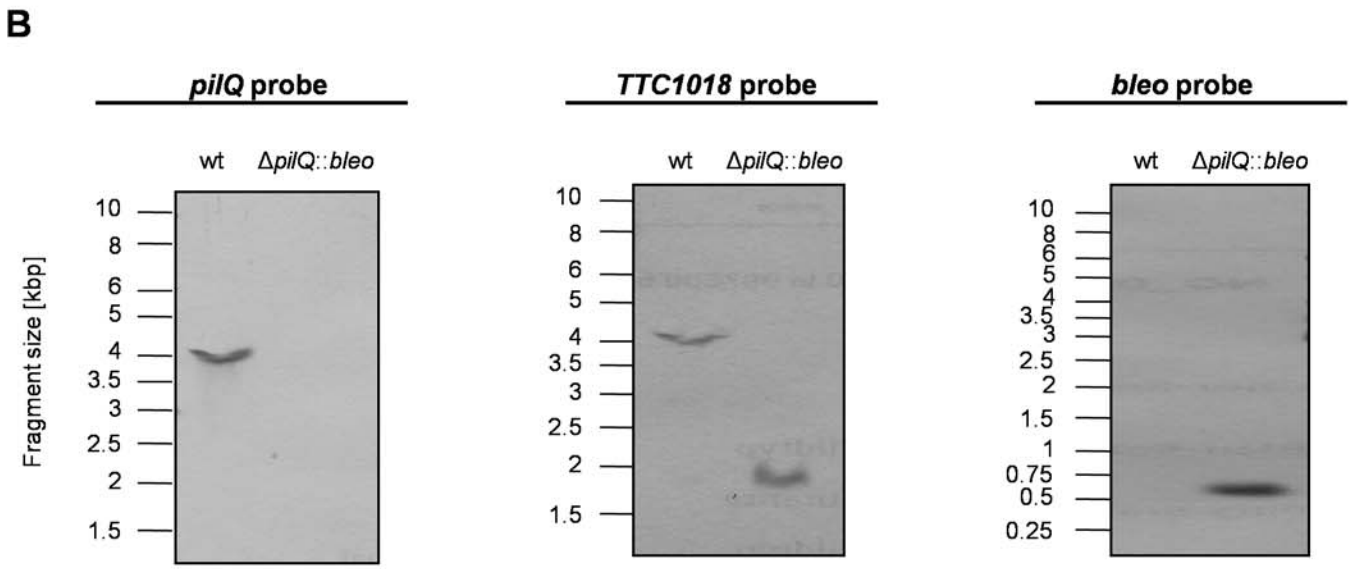

A
0
2000 bp
SalI
EcoRV
PstI
NotI
pilO'
pilW
bleo
TTC1018'
pBIISK-pilOWbleoChor
(linearized)
pilN'
pilO
pilW
pilQ
TTC1018
TTC1019'
genome
HB27
pilN'
pilO
pilW
bleo
TTC1018
TTC1019'
genome
ΔpilQ::bleo mutant


B
pilQ probe
TTC1018 probe
bleo probe
wt
ΔpilQ::bleo
Fragment size [kbp]
10
8
6
5
4
3.5
3
2.5
2
1.5
1
0.75
0.5
0.25