a

ATCC35556 `*******************************************************************`
Lin^R

ATCC35556 `MTKGILGRKIGMTQVFGENGELIPVTVVEAKENVVLQKKTVEVDGYNAIQVGFEDKKAYKKDAKSNKYAN` 70
Lin^R   `MTKGILGRKIGMTQVFGENGELIPVTVVEAKENVVLQKKTVEVDGYNAIQVGFEDKKAYKKDAKSNKYAN` 70
           `1.......10........20........30........40........50........60........70`

ATCC35556 `*******************************************************************`
Lin^R

ATCC35556 `KPAEGHAKKADAAPKRFIREFRNVDVDAYEVGQEVSVDTFVAGDVIDVTGVSKGKGFQGAIKRHGQSRGP` 140
Lin^R   `KPAEGHAKKADAAPKRFIREFRNVDVDAYEVGQEVSVDTFVAGDVIDVTGVSKGKGFQGAIKRHGQSRGP` 140
           `........80........90.......100.......110.......120.......130.......140`

ATCC35556 `****  *************************************************************`
Lin^R

ATCC35556 `MSHGSHFHRAPGSVGMASDASRVFKGQKMPGRMGGNTVTVQNLEVVQVDTENKVILVKGNVPGPKKGLVE` 210
Lin^R   `MSHG-HFHRAPGSVGMASDASRVFKGQKMPGRMGGNTVTVQNLEVVQVDTENKVILVKGNVPGPKKGLVE` 209
           `.......150.......160.......170.......180.......190.......200.......210`

ATCC35556 `**********`
Lin^R

ATCC35556 `IRTSIKKGNK` 220
Lin^R   `IRTSIKKGNK` 219
           `.......220`
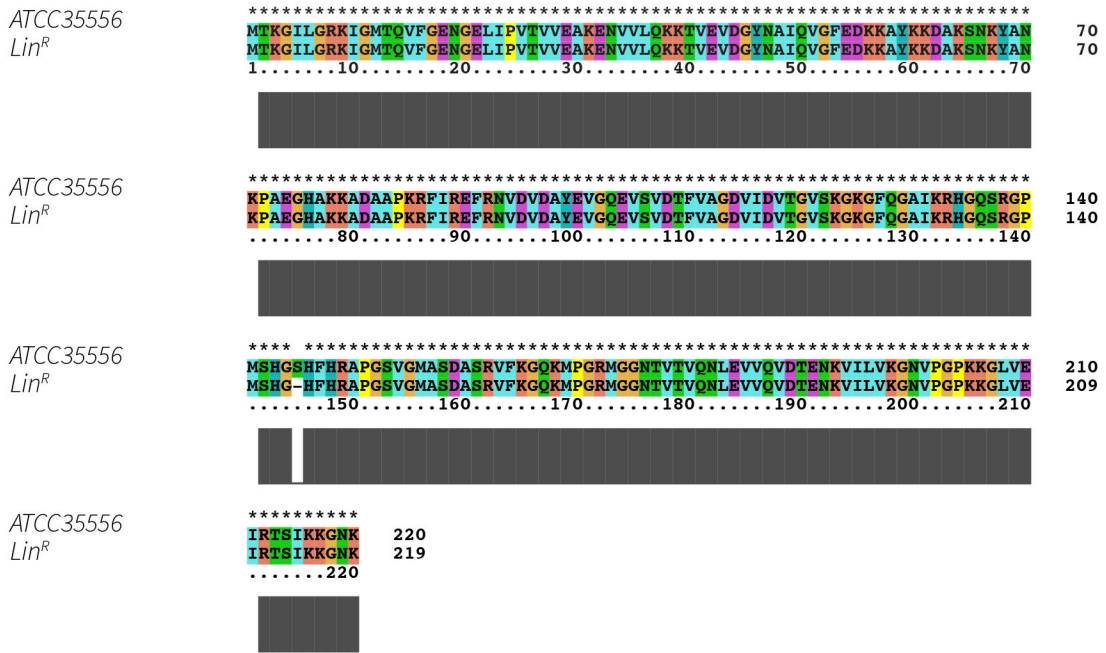
Supplementary Figure S1. The Lin^R mutation in *rpsC*. The protein sequence alignment is based on sequencing of the *rpsC* gene (encoding ribosomal protein uL3) from both *S. aureus* ATCC35556 and from the Lin^R strain.