

Identification of genetic mutations conferring tedizolid resistance in MRSA mutants

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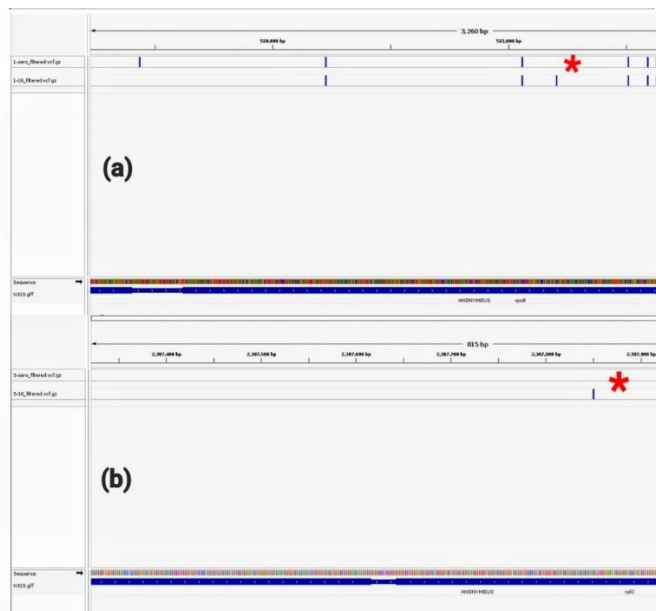


Fig 1 Mutations conferring linezolid & tedizolid cross-resistance visualized by Integrative Genomics Viewer (IGV). (a) The star indicates a unique *rpoB* gene variant occurring in mutant no. 1 (1-16) following the development of cross-resistance, compared to isolate no. 1 (1-zero) before the induction of resistance. (b) The star indicates a unique *rplC* gene variant occurring in mutant no. 5 (5-16) following the development of cross-resistance, compared to isolate no. 5 (5-zero) before the induction of resistance

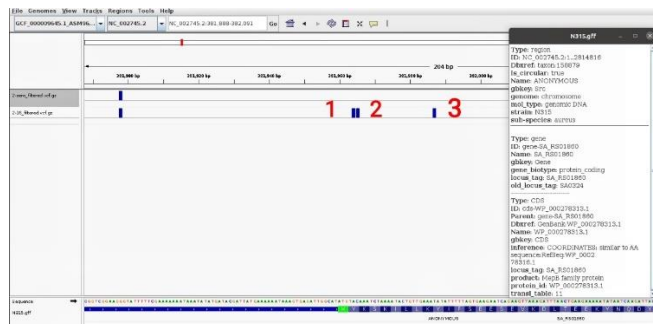


Fig 2 Mutations conferring linezolid resistance only visualized by Integrative Genomics Viewer (IGV). 1, 2, and 3 refer to unique *mepB* variants occurring in mutant no. 2 (2-16) following the development of linezolid resistance, compared to isolate no. 2 (2-zero) before the induction of resistance. 1 and 3 are missense variants, 2 is a synonymous variant and therefore was not reported as a contributor to the acquired resistance. SA_RS01860 is the symbol for *mepB* gene within the SnpEff database for *S. aureus* N315.