

RNase III-CLASH of multi-drug resistant *Staphylococcus aureus* reveals a regulatory mRNA 3'UTR required for intermediate vancomycin resistance

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DESCRIPTION OF ADDITIONAL SUPPLEMENTARY DATA

Title: Supplementary Data 1

Transcription start sites and RNA 3' ends determined by dRNA-seq and Term-seq analysis in *Staphylococcus aureus* strain JKD6009 (Genbank: LR027876.1).

- Tab 1 provides a description of the data and header for data presented in Tab2
- Tab 2 provides start and end positions detected in the JKD6009 transcriptome
- Tab 3 provides the same data as Tab 2 in GFF format.

Title: Supplementary Data 2

List of known and predicted sRNA from ANNOgesic analysis of RNA-seq, dRNA-seq, and Term-seq data generated from *Staphylococcus aureus* strain JKD6009 (Genbank: LR027876.1).

- Tab 1 provides a description of the data and header for data presented in Tab2
- Tab 2 provides all small RNA previously reported and predicted by ANNOgesic in the JKD6009 transcriptome
- Tab 3 provides the same data as Tab 2 in GFF format.

Title: Supplementary Data 3

RNA-RNA interactions recovered by RNase III-CLASH. All hybrid reads representing statistically significant RNA-RNA interactions. Data is collated from all RNase III-CLASH experiments reported here and in the parallel study by McKellar *et al* Nature Communications 2022.

- Tab 1 provides all statistically significant RNA-RNA interactions represented by all hybrid reads recovered by RNase III-CLASH. NB: clusters of hybrid reads that were recovered in independent experiments are reported as "Merged" and details of these read clusters are provided in Tab3.
- Tab 2 provides a description of the data and header for data presented in Tab1
- Tab 3 provides detailed information about clusters of hybrid reads that were recovered in multiple independent experiments.

Title: Supplementary Data 4

Strains, Plasmids, and Oligonucleotides used in this study.

- Tab 1 provides information about bacterial strains used in this study
- Tab 2 provides information about plasmids used in this study
- Tab 3 provides information about oligonucleotides used in this study