

Operon Promoter Landscape

| Operon | Strand | Operon start | Operon end |
|----------------------|--------|--------------|------------|
| rsfS-rlmH-mrdAB-rlpA | - | 668259 | 663325 |

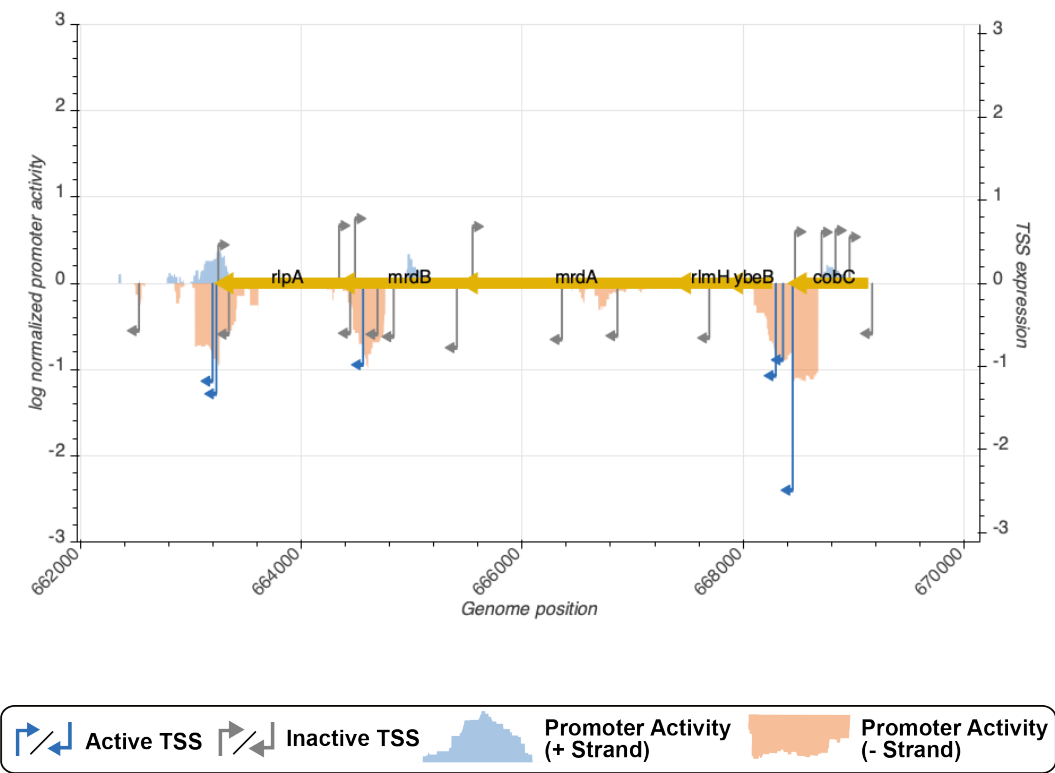


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left Y-axis) was determined by measuring expression of over 300,000 genomic fragments spanning the *E. coli* genome and averaging promoter activity at all nucleotide positions in a strand-specific fashion. Genome coordinates corresponds to *E. coli* genome version U00096.2.

TSS Summary

| TSS name | TSS position | Strand | TSS activity | Category |
|-----------------|--------------|--------|--------------|----------|
| TSS_2566_storz | 668708 | + | 0.6132683 | inactive |
| TSS_2563_storz | 668359 | - | 0.9208536 | active |
| TSS_2565_storz | 668468 | + | 0.6181721 | inactive |
| TSS_2562_wanner | 668294 | - | 1.1113037 | active |
| TSS_2564_storz | 668447 | - | 2.4872993 | active |

TSS Scanning Mutagenesis

