

Operon Promoter Landscape

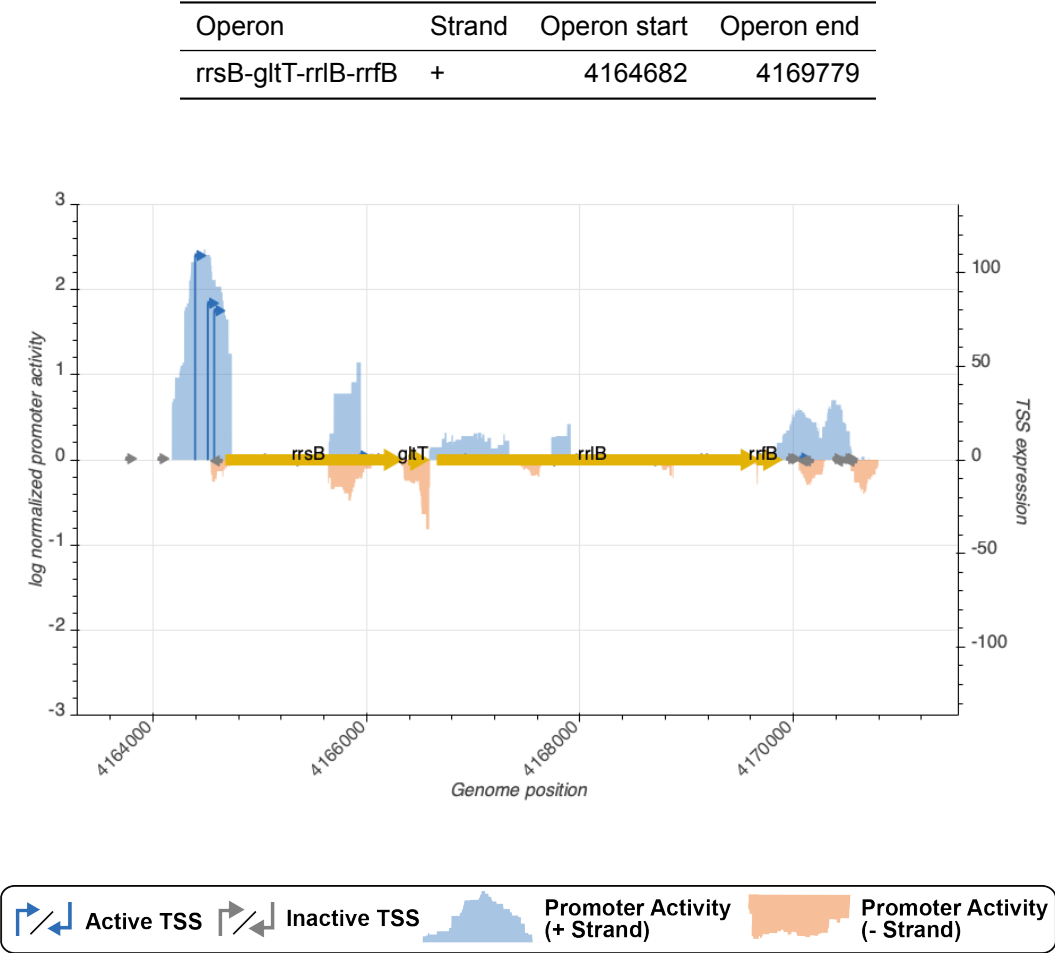


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_16277_regulondb | 4164567 | + | 79.6293228 | active |
| TSS_16275_storz_wanner_regulondb | 4164507 | + | 83.5994409 | active |
| TSS_16278_storz | 4164641 | - | 0.5368769 | inactive |
| TSS_16273_wanner | 4164388 | + | 109.0340960 | active |

TSS Scanning Mutagenesis

