

Operon Promoter Landscape

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| bamD | + | 2734168 | 2734905 |

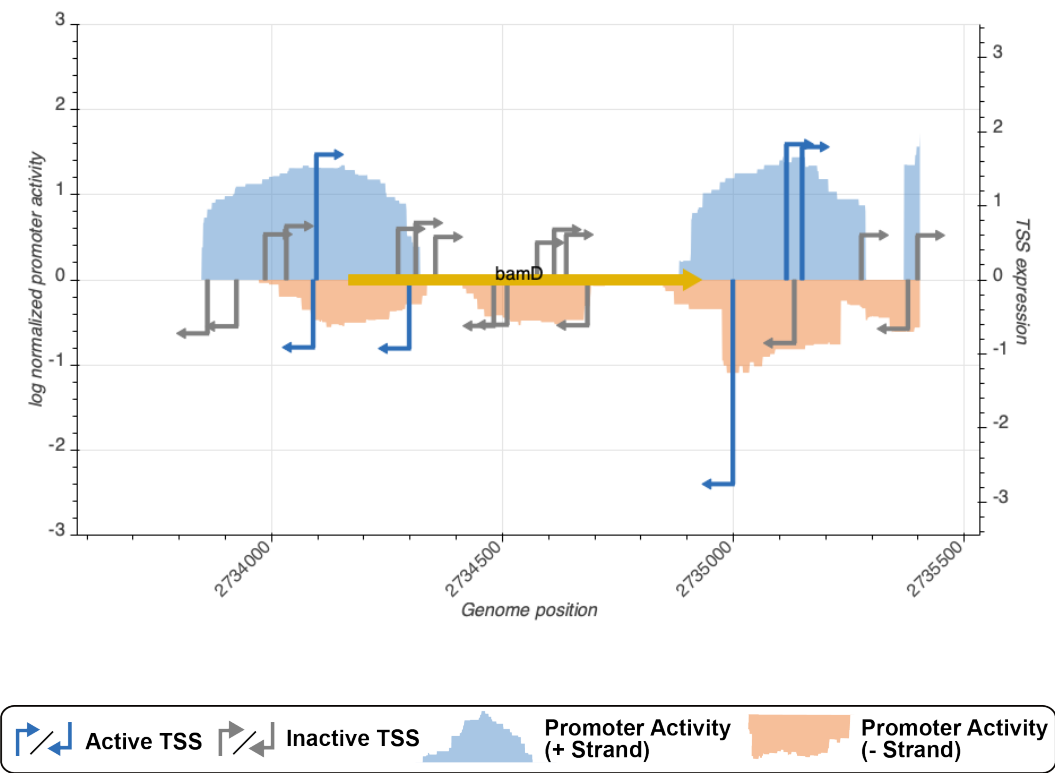


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_10305_storz_regulondb | 2733982 | + | 0.6139024 | inactive |
| TSS_10307_storz | 2734086 | - | 0.9116586 | active |
| TSS_10303_regulondb | 2733857 | - | 0.7230918 | inactive |
| TSS_10308_wanner_regulondb | 2734093 | + | 1.6908237 | active |
| TSS_10304_regulondb | 2733920 | - | 0.6279070 | inactive |
| TSS_10306_regulondb | 2734028 | + | 0.7254547 | inactive |

TSS Scanning Mutagenesis

