

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
nsrR-rnr-rlmB-yjflJ	+	4404213	4409274

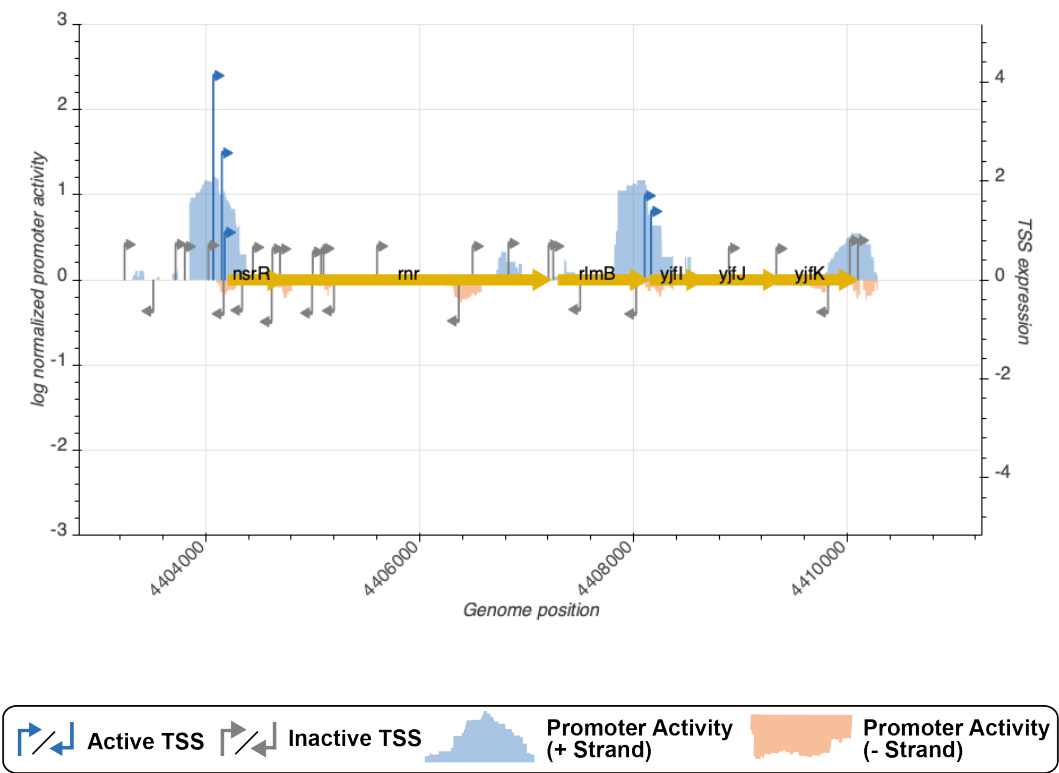


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_17224_storz	4403714	+	0.7194000	inactive
TSS_17230_storz	4404174	+	0.9580455	active
TSS_17229_storz	4404164	-	0.6852524	inactive
TSS_17227_regulondb	4404067	+	4.1261203	active
TSS_17228_storz	4404147	+	2.5634454	active
TSS_17225_regulondb	4403800	+	0.6718212	inactive
TSS_17226_storz	4404020	+	0.6959095	inactive

TSS Scanning Mutagenesis

