

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
alaWX	-	2516253	2516063

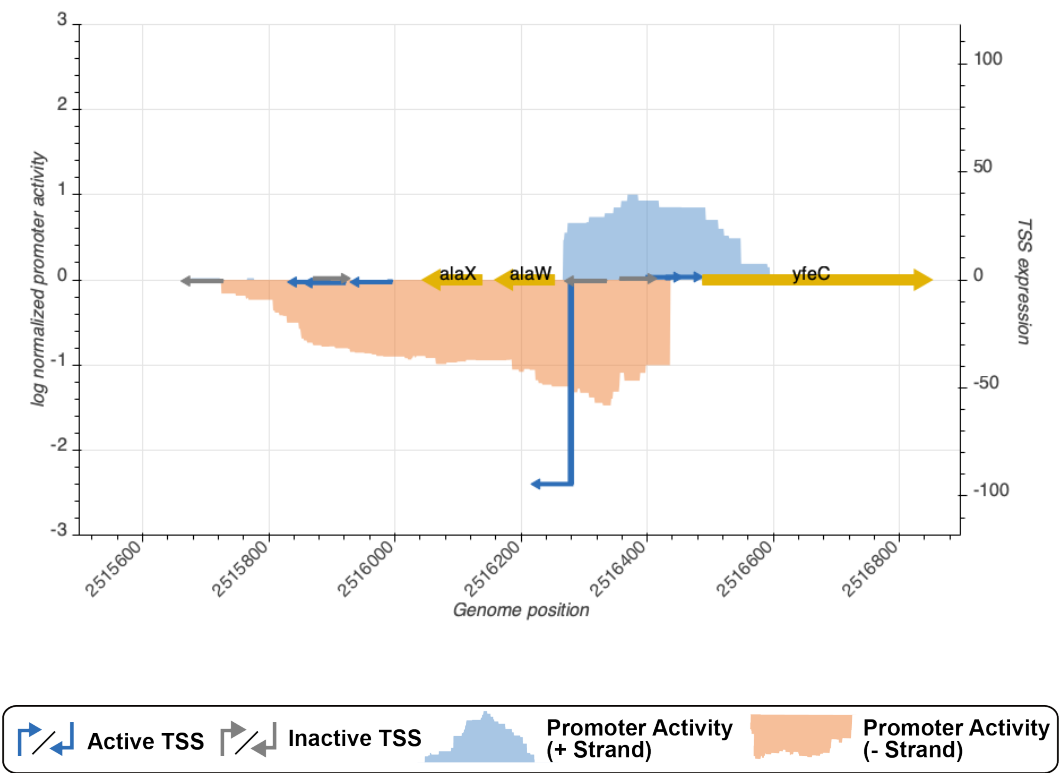


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_9491_storz_regulondb	2516429	+	1.3297382	active
TSS_9490_regulondb	2516397	+	1.2278048	active
TSS_9489_regulondb	2516356	+	0.5698878	inactive
TSS_9487_regulondb	2516275	-	94.4669846	active
TSS_9488_regulondb	2516328	-	0.5214137	inactive

TSS Scanning Mutagenesis

