

Operon Promoter Landscape

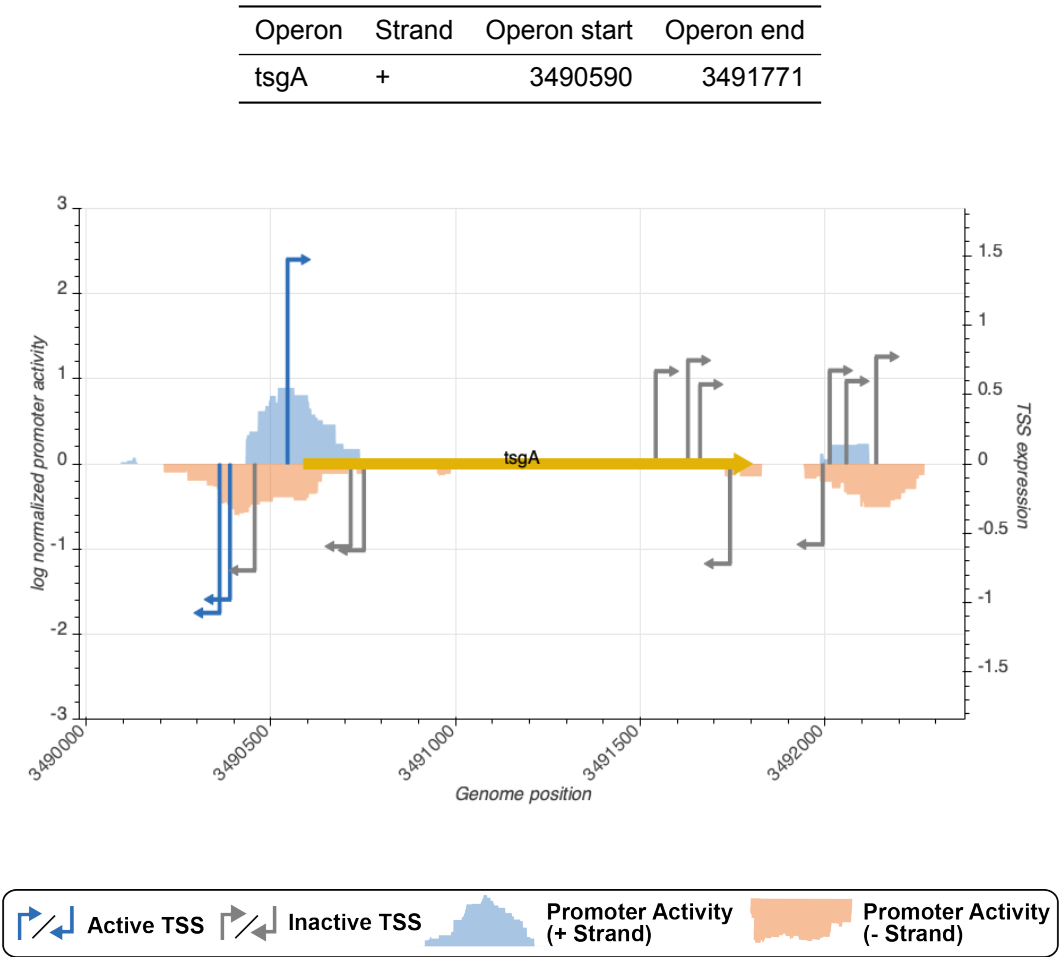


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_13509_regulondb	3490541	+	1.4708999	active
TSS_13508_regulondb	3490452	-	0.7679535	inactive
TSS_13506_storz_regulondb	3490357	-	1.0737537	active
TSS_13507_storz	3490385	-	0.9768929	active

TSS Scanning Mutagenesis

