

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
sbmA-yaiW	+	395863	398190

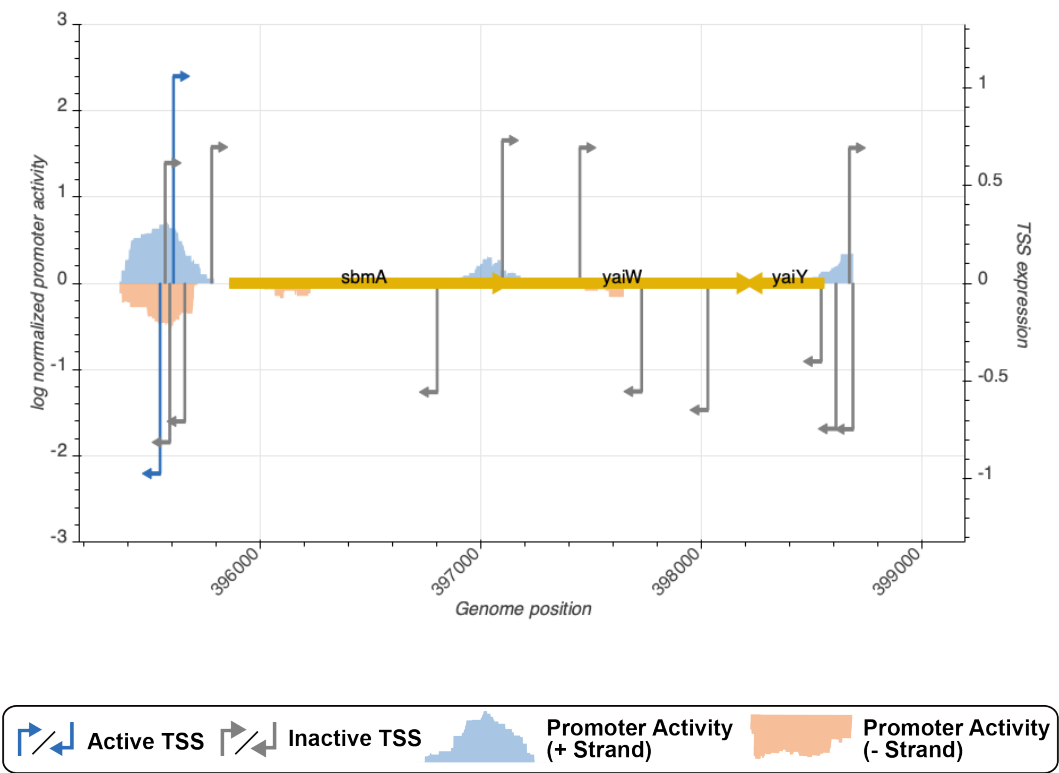


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_1564_regulondb	395777	+	0.6949408	inactive
TSS_1562_regulondb	395604	+	1.0566665	active
TSS_1559_regulondb	395543	-	0.9718203	active
TSS_1563_wanner	395655	-	0.7054104	inactive
TSS_1560_storz	395566	+	0.6139024	inactive
TSS_1561_storz_regulondb	395587	-	0.8121177	inactive

TSS Scanning Mutagenesis

