

Operon Promoter Landscape

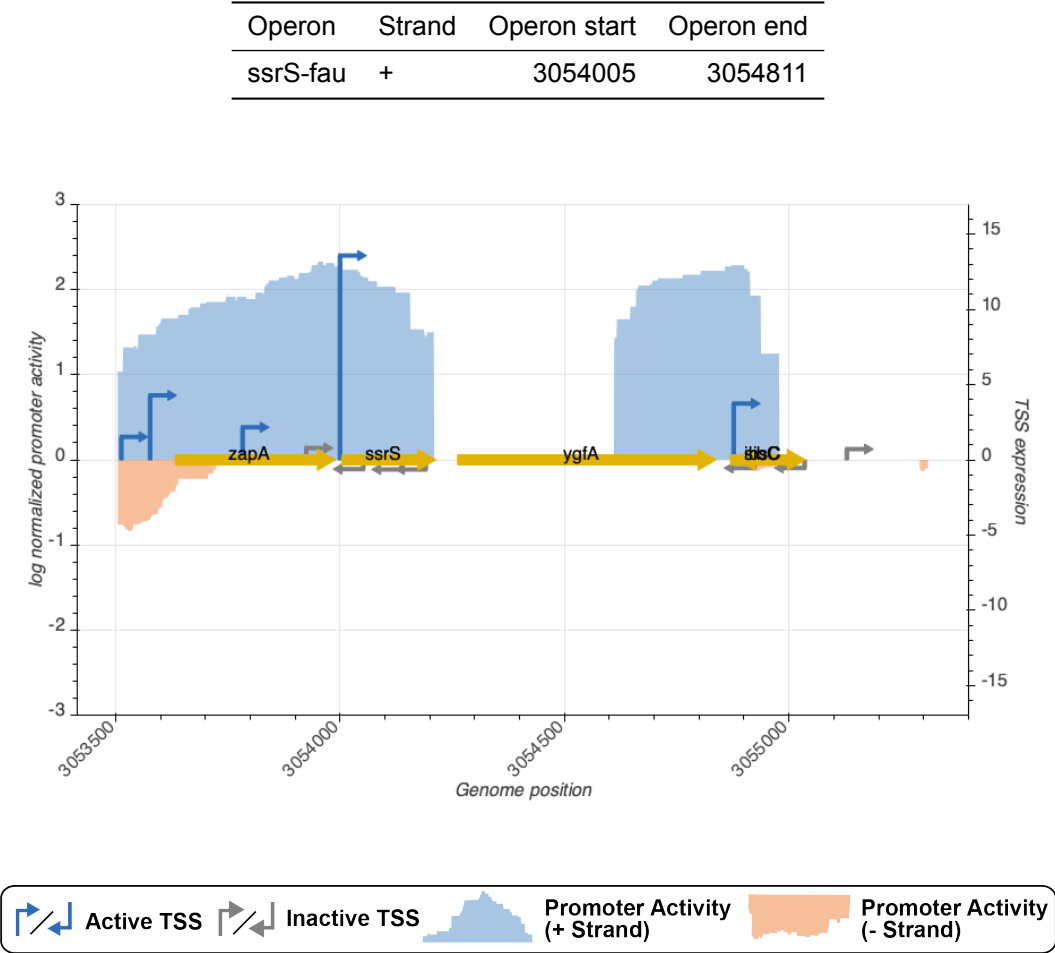


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_11503_regulondb	3053509	+	1.5261833	active
TSS_11504_regulondb	3053573	+	4.2830854	active
TSS_11506_regulondb	3053779	+	2.1626631	active
TSS_11508_storz_regulondb	3053996	+	13.5773967	active
TSS_11507_regulondb	3053921	+	0.7810445	inactive

TSS Scanning Mutagenesis

