

Operon Promoter Landscape

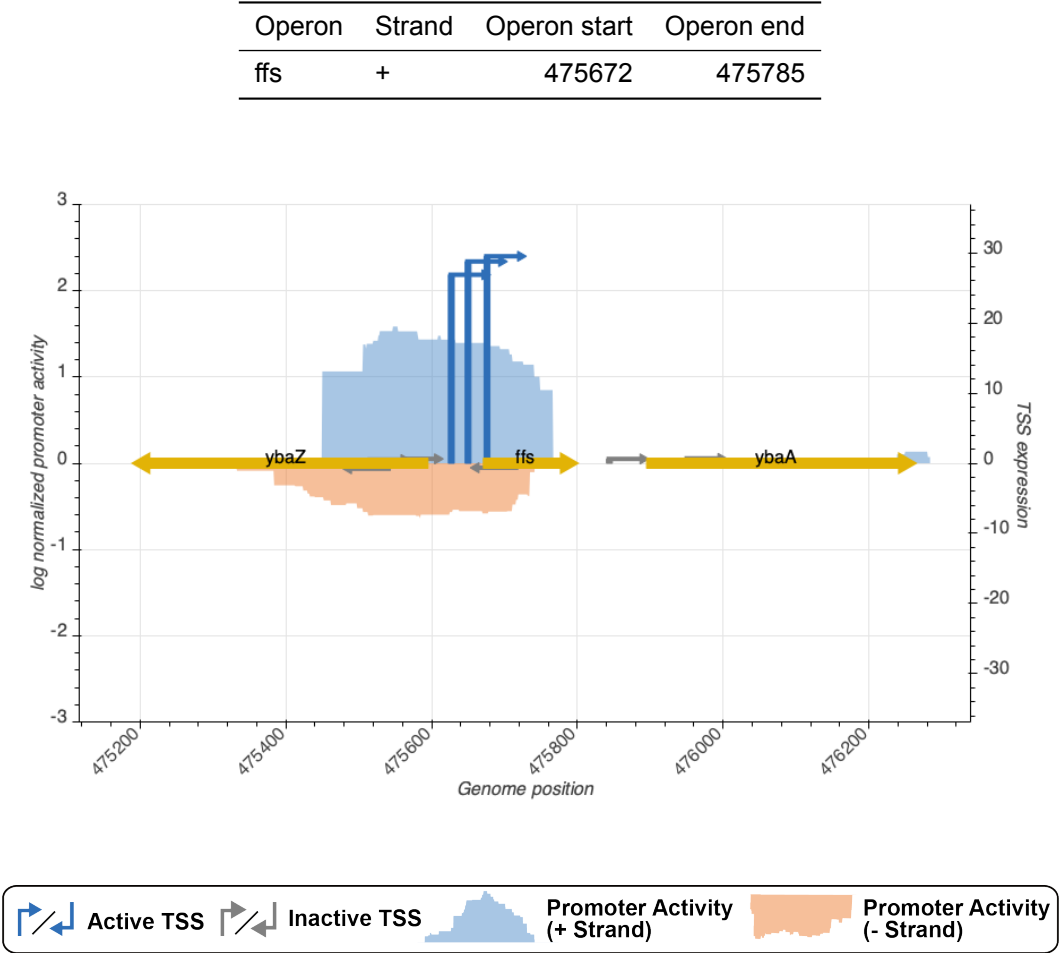


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_1880_storz	475536	-	0.7859417	inactive
TSS_1883_storz_regulondb	475646	+	28.7587459	active
TSS_1879_regulondb	475512	+	0.5119690	inactive
TSS_1882_regulondb	475623	+	26.8701677	active
TSS_1881_storz	475558	+	0.6196914	inactive

TSS Scanning Mutagenesis

