

Operon Promoter Landscape

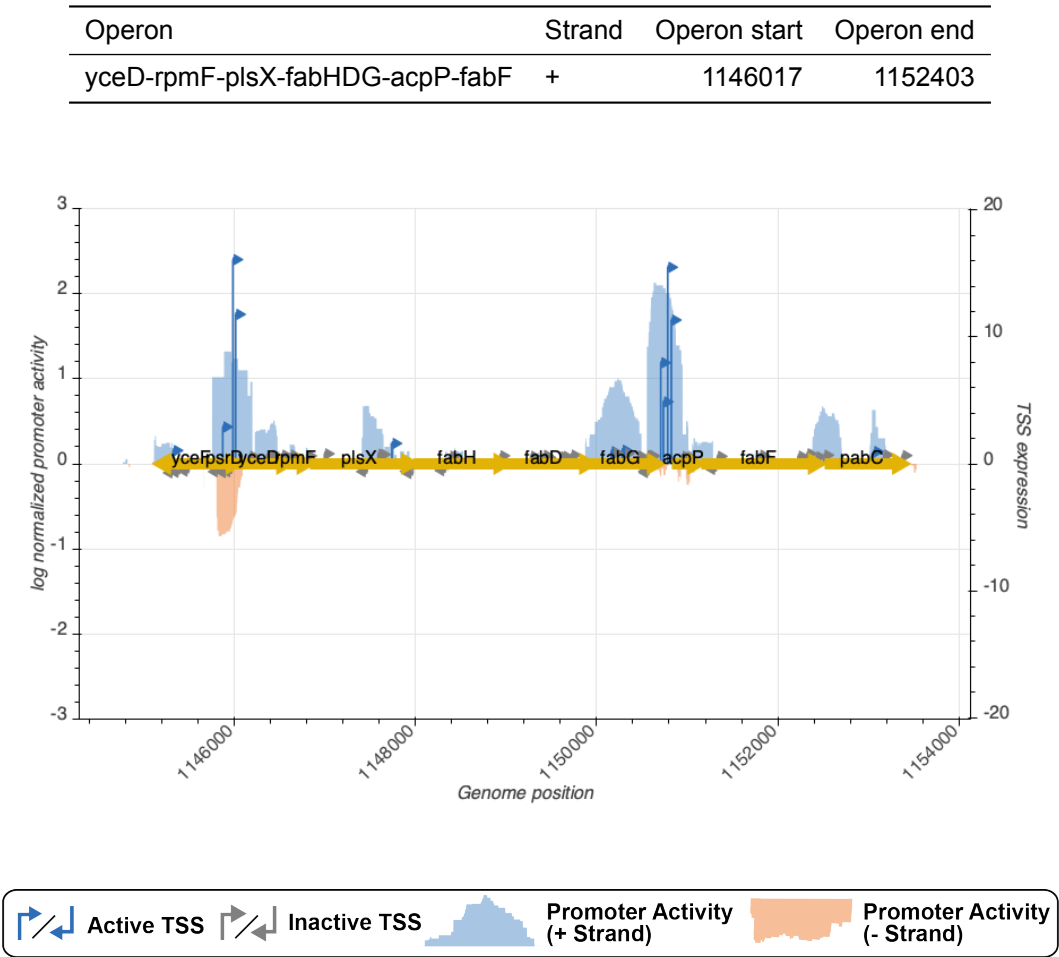


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_4412_regulondb	1146014	+	11.7870958	active
TSS_4408_storz_regulondb	1145872	+	2.9108493	active
TSS_4407_regulondb	1145830	-	0.6177537	inactive
TSS_4410_regulondb	1145972	-	0.6225765	inactive
TSS_4411_regulondb	1145984	+	16.1042592	active
TSS_4409_storz_wanner	1145923	-	0.6909279	inactive

TSS Scanning Mutagenesis

