

Operon Promoter Landscape

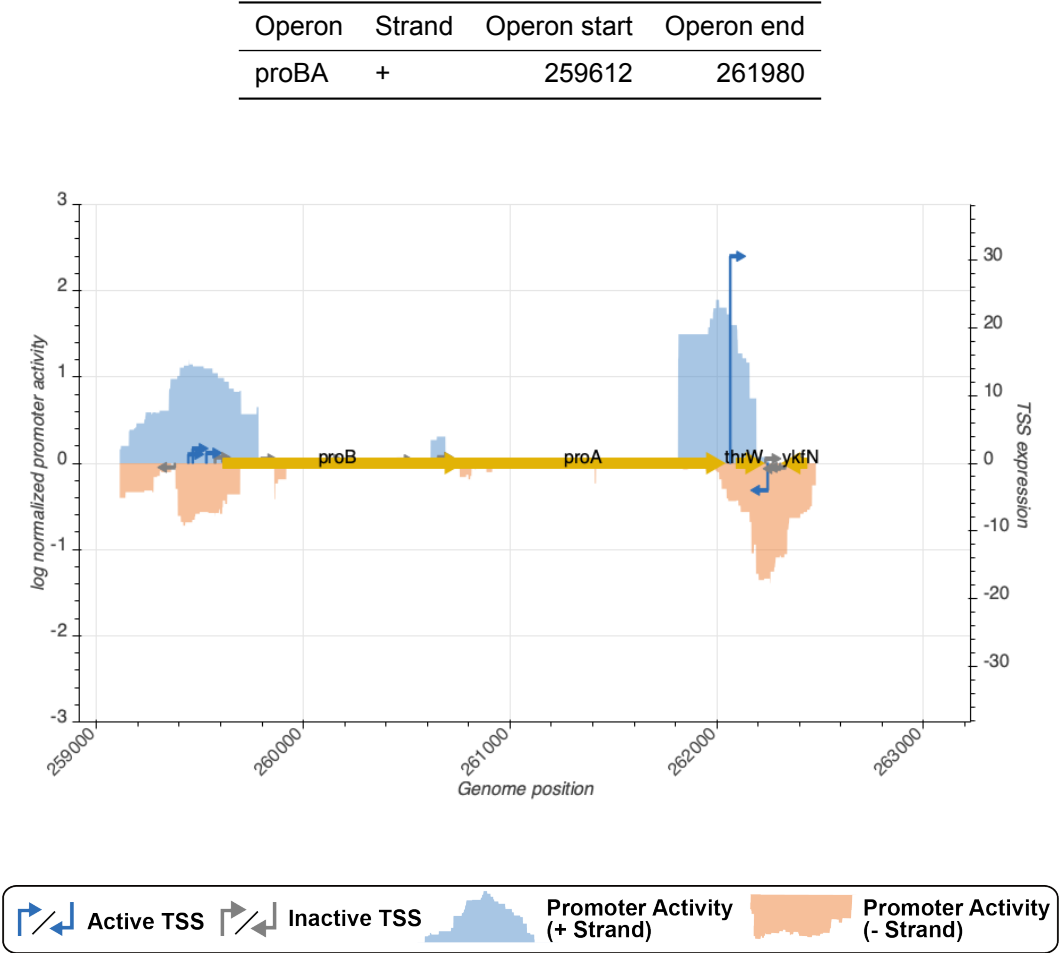


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_1120_regulondb	259569	+	0.8698869	inactive
TSS_1116_wanner	259374	-	0.6139024	inactive
TSS_1118_storz	259461	+	2.1606908	active
TSS_1117_regulondb	259440	+	1.3069773	active
TSS_1119_regulondb	259527	+	1.5020866	active

TSS Scanning Mutagenesis

