

Operon Promoter Landscape

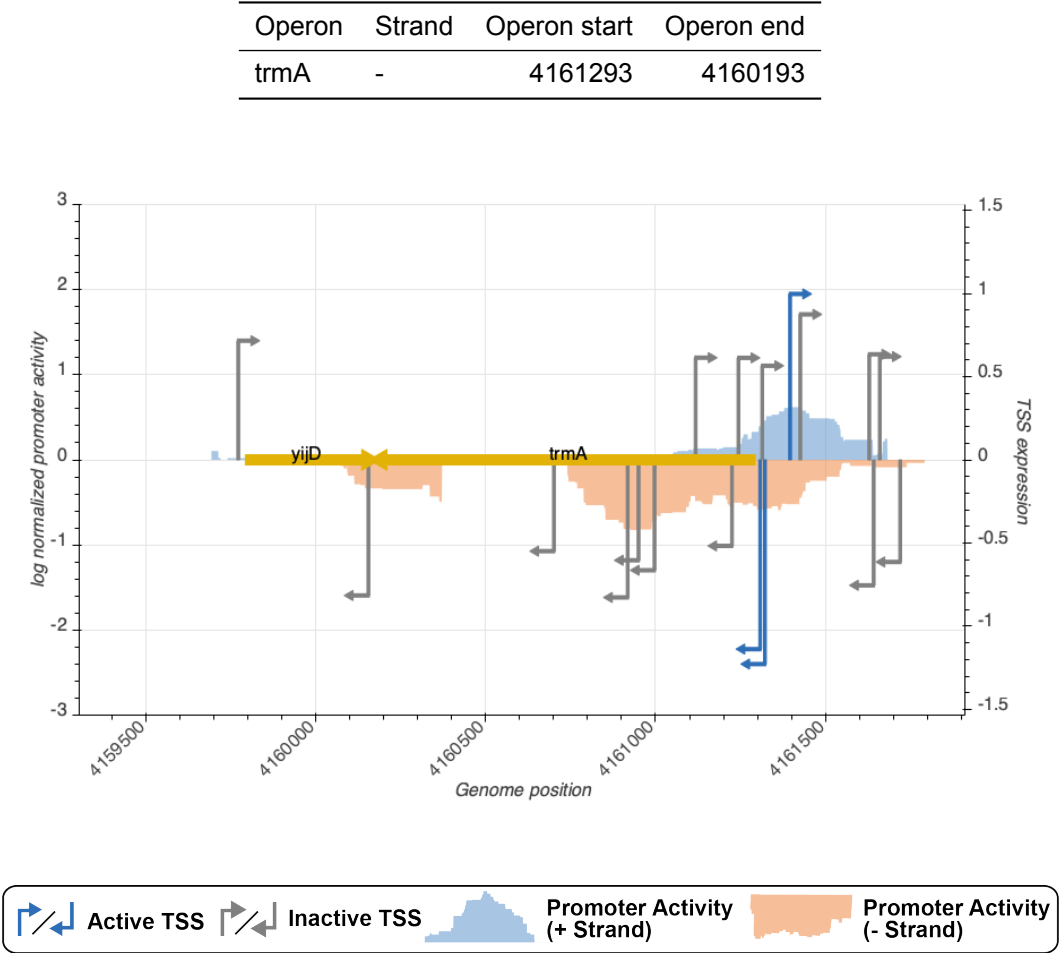


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_16252_storz	4161625	+	0.6342447	inactive
TSS_16251_storz_regulondb	4161422	+	0.8744081	inactive
TSS_16250_storz	4161392	+	0.9973037	active
TSS_16247_wanner	4161304	-	1.1377442	active
TSS_16255_storz	4161716	-	0.6139024	inactive
TSS_16253_storz	4161638	-	0.7543486	inactive
TSS_16254_storz	4161656	+	0.6206908	inactive
TSS_16248_storz	4161310	+	0.5654182	inactive
TSS_16249_storz_regulondb	4161318	-	1.2278048	active

TSS Scanning Mutagenesis

