

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
trxA	+	3963784	3964113

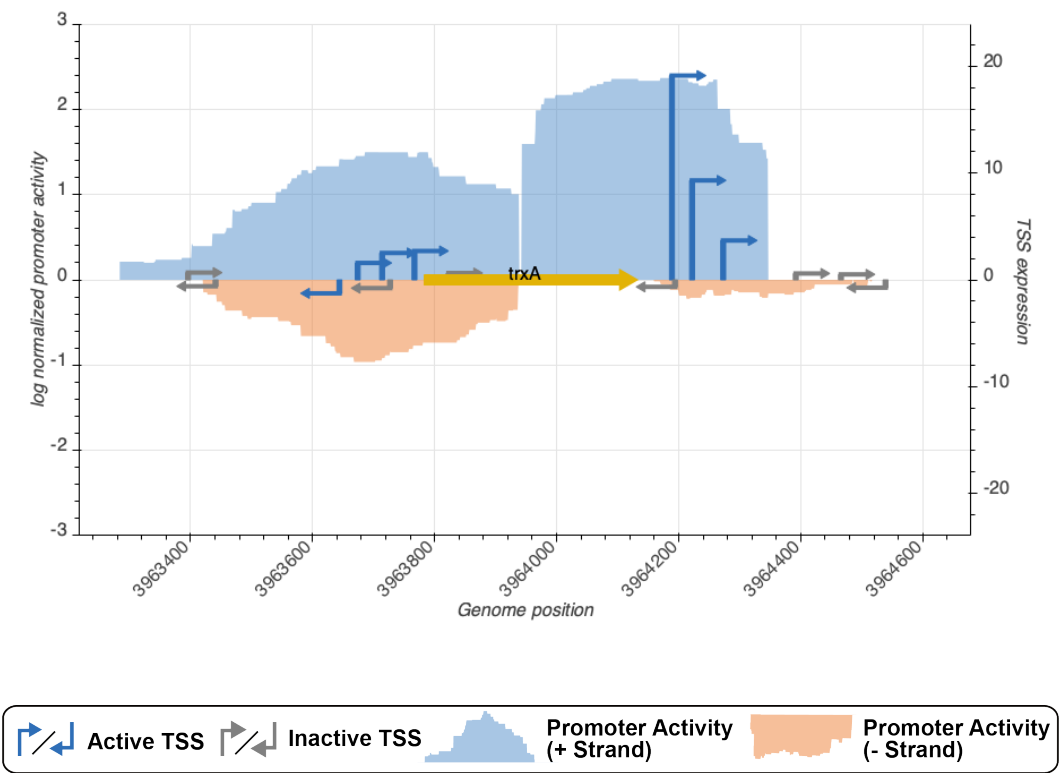


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_15408_storz	3963392	+	0.6750625	inactive
TSS_15411_regulondb	3963670	+	1.5815468	active
TSS_15413_storz	3963723	-	0.7774563	inactive
TSS_15410_regulondb	3963640	-	1.2632897	active
TSS_15414_regulondb	3963763	+	2.7008898	active
TSS_15412_regulondb	3963710	+	2.5167743	active
TSS_15409_storz	3963437	-	0.5976847	inactive

TSS Scanning Mutagenesis

