

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
lptD-surA-pdxA-rsmA-apaGH	-	57109	50380

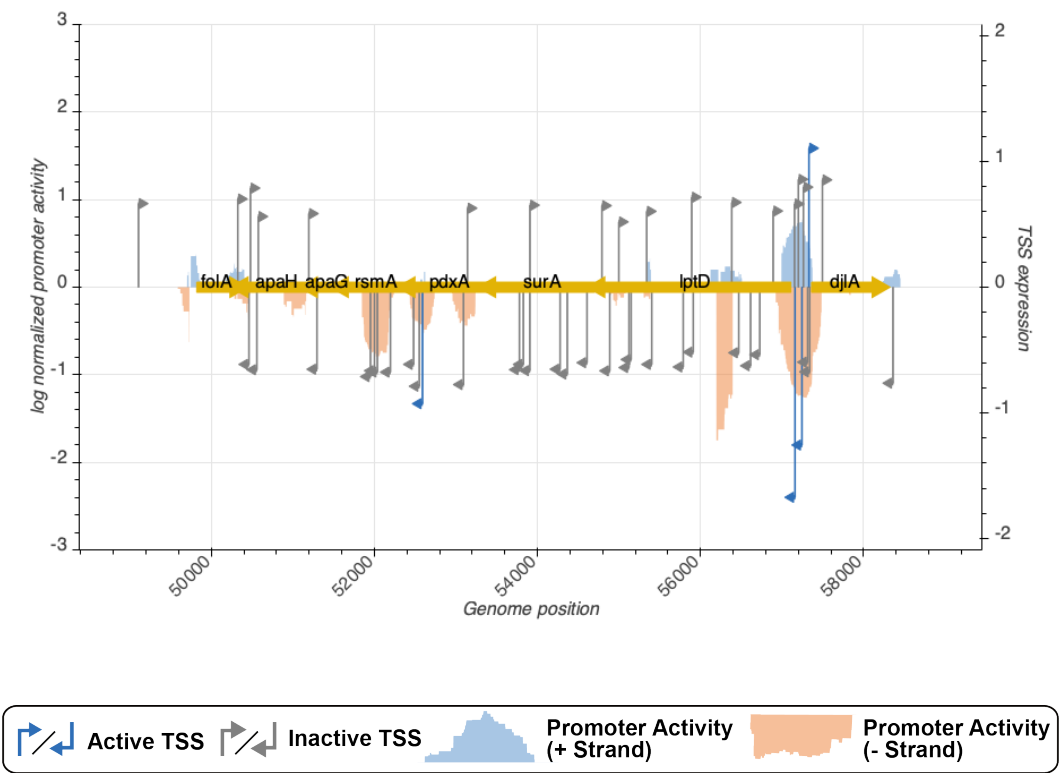


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_249_storz	57311	-	0.5962989	inactive
TSS_248_storz	57259	+	0.7957535	inactive
TSS_250_wanner	57327	+	1.1054847	active
TSS_245_storz_regulondb	57156	-	1.6714832	active
TSS_251_regulondb	57336	-	0.6733660	inactive
TSS_252_storz	57492	+	0.8535776	inactive
TSS_247_storz_regulondb	57241	-	1.2556048	active
TSS_244_storz	57150	+	0.6622984	inactive
TSS_246_storz	57197	+	0.8578889	inactive

TSS Scanning Mutagenesis

