

Operon Promoter Landscape

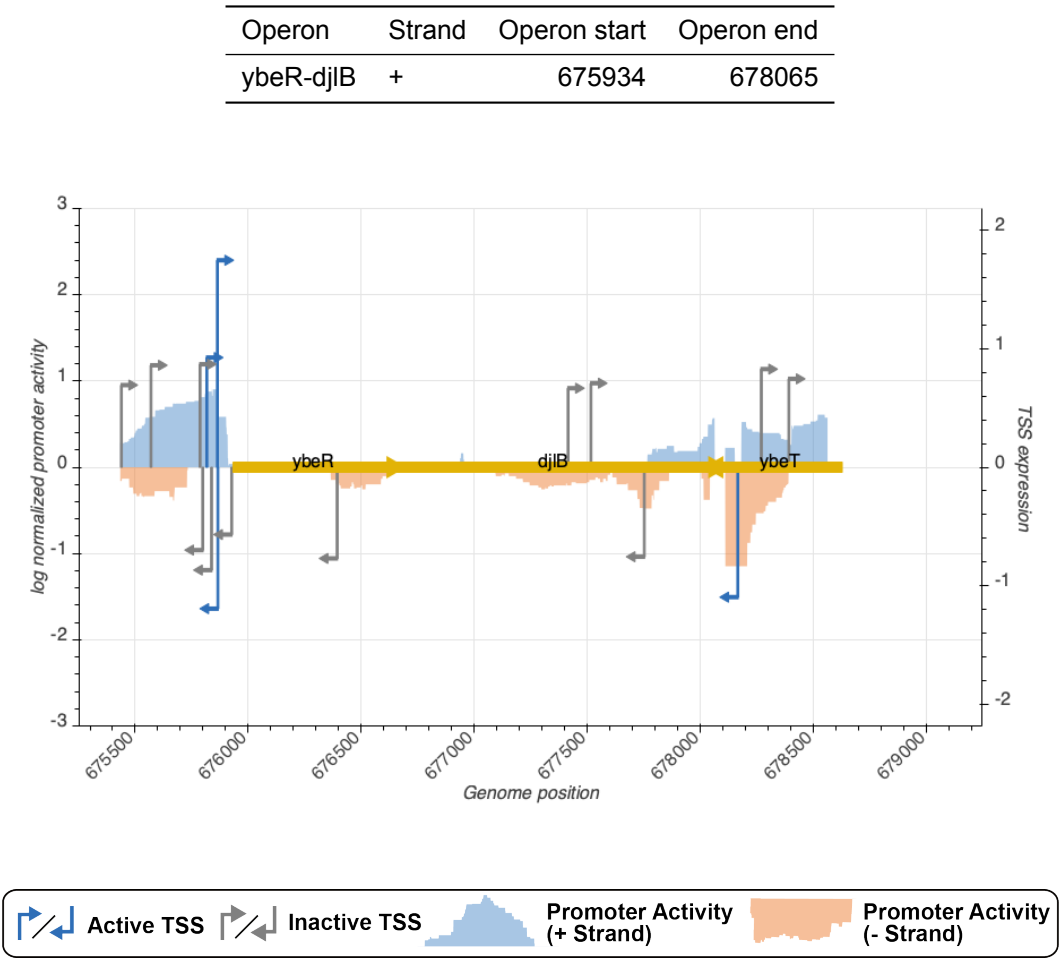


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_2609_regulondb	675862	-	1.1953860	active
TSS_2603_storz	675566	+	0.8617322	inactive
TSS_2606_regulondb	675813	+	0.9269696	active
TSS_2604_regulondb	675783	+	0.8703654	inactive
TSS_2605_regulondb	675795	-	0.7002913	inactive
TSS_2608_regulondb	675860	+	1.7492766	active
TSS_2610_regulondb	675923	-	0.5690664	inactive
TSS_2607_regulondb	675834	-	0.8695032	inactive
TSS_2602_storz	675435	+	0.6943762	inactive

TSS Scanning Mutagenesis

