

Operon Promoter Landscape

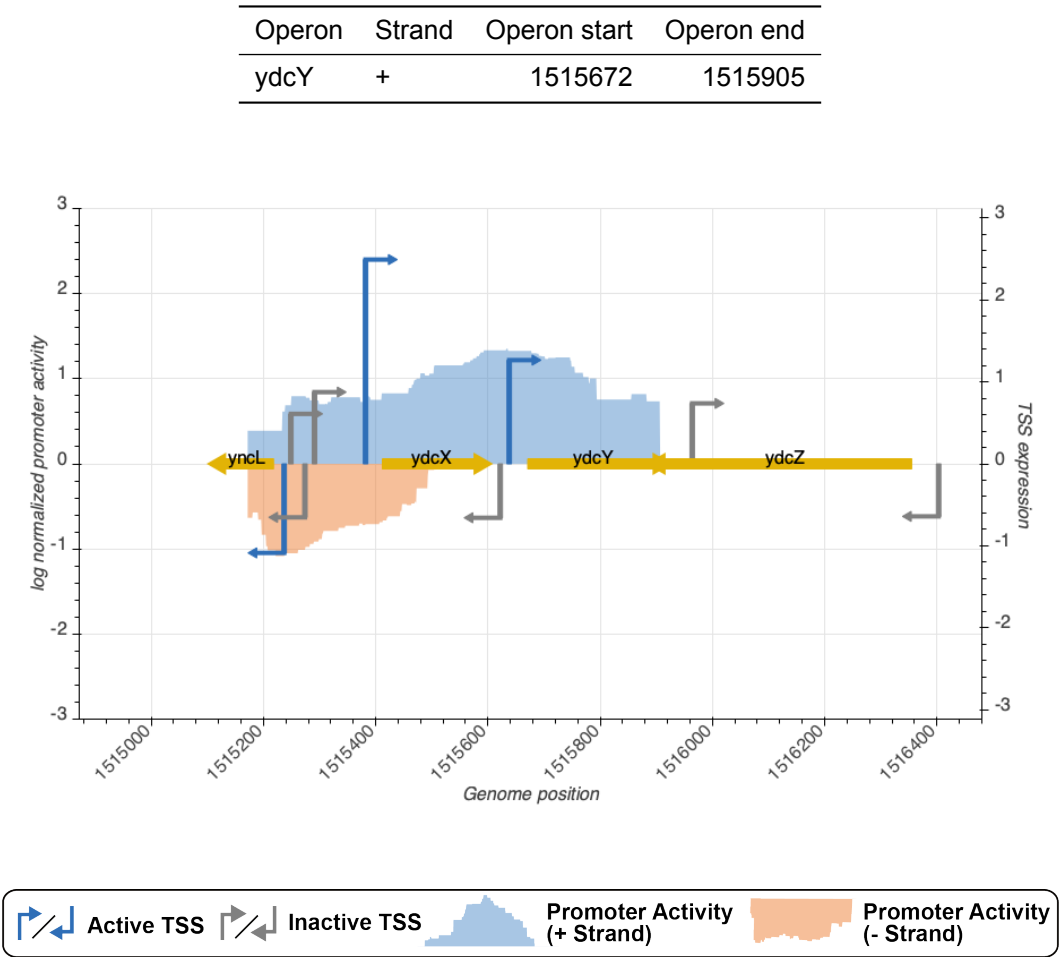


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_5898_regulondb	1515634	+	1.2642862	active
TSS_5897_storz	1515618	-	0.6575882	inactive
TSS_5894_regulondb	1515270	-	0.6524152	inactive
TSS_5895_storz	1515287	+	0.8744081	inactive
TSS_5893_regulondb	1515245	+	0.6093812	inactive
TSS_5892_regulondb	1515233	-	1.0859913	active
TSS_5896_regulondb	1515378	+	2.4900203	active

TSS Scanning Mutagenesis

