

Operon Promoter Landscape

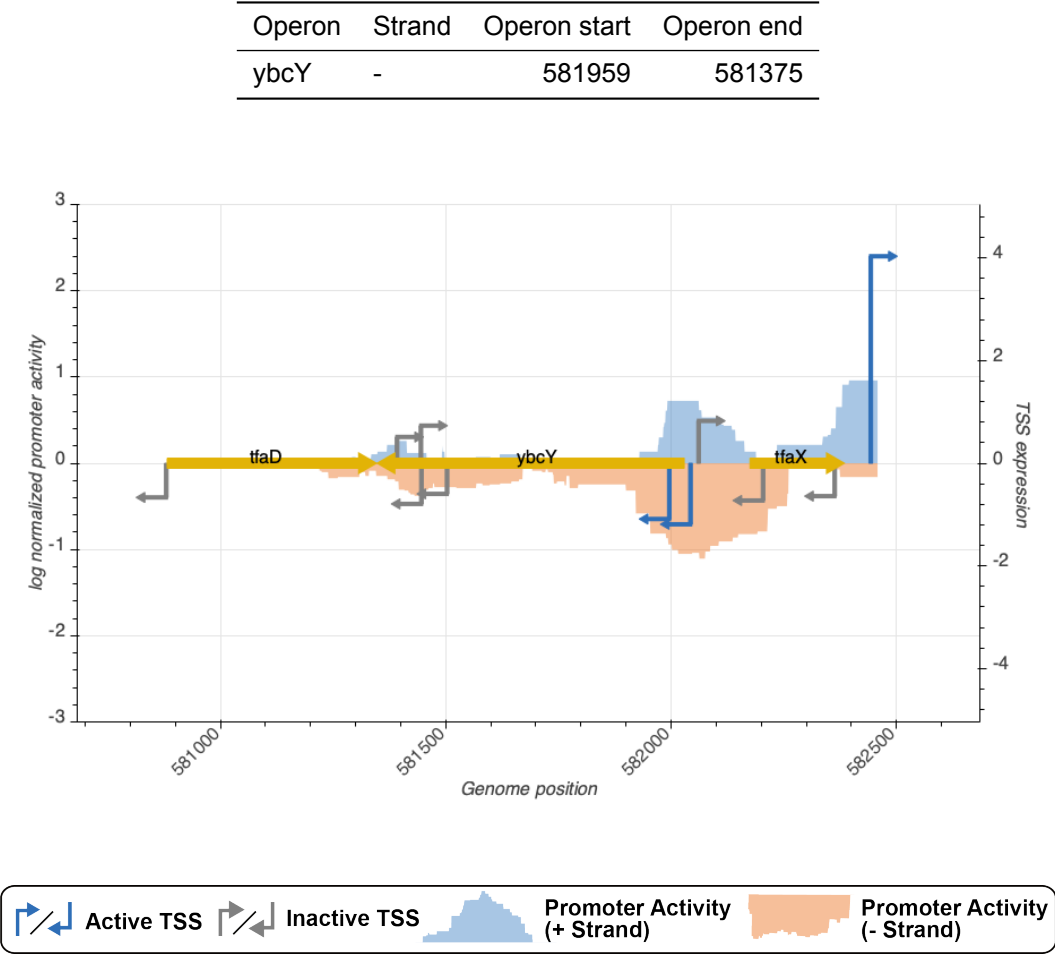


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_2232_storz	582439	+	4.0333972	active
TSS_2230_storz	582200	-	0.7260292	inactive
TSS_2228_wanner	582039	-	1.1892920	active
TSS_2227_wanner	581992	-	1.0873465	active
TSS_2229_storz	582057	+	0.8253203	inactive
TSS_2231_storz	582359	-	0.6415298	inactive

TSS Scanning Mutagenesis

