

Operon Promoter Landscape

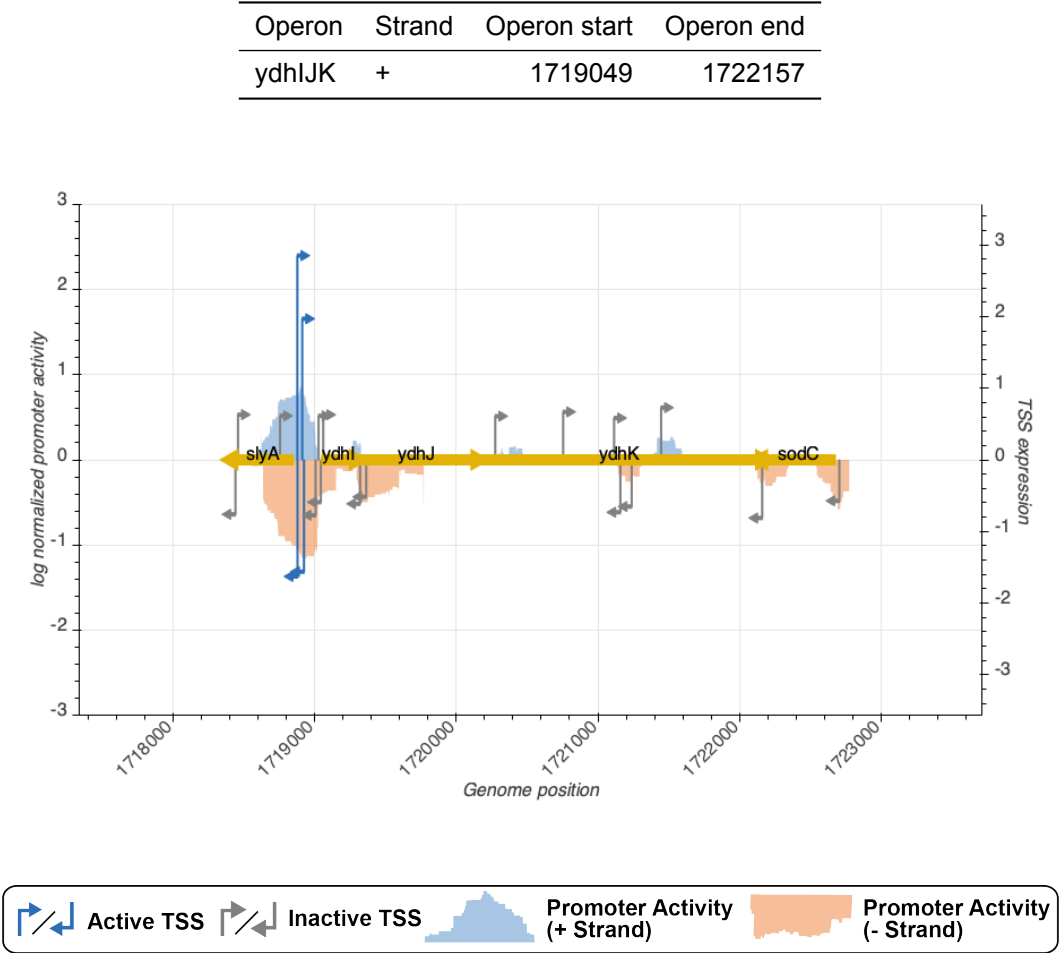


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_6599_storz	1719001	-	0.7733030	inactive
TSS_6594_storz	1718750	+	0.6139024	inactive
TSS_6601_regulondb	1719038	-	0.5912551	inactive
TSS_6595_storz	1718872	+	2.8510833	active
TSS_6596_regulondb	1718873	-	1.6276470	active
TSS_6597_storz	1718906	+	1.9691240	active
TSS_6600_regulondb	1719022	+	0.6139024	inactive
TSS_6598_wanner	1718919	-	1.5612844	active

TSS Scanning Mutagenesis

