

Operon Promoter Landscape

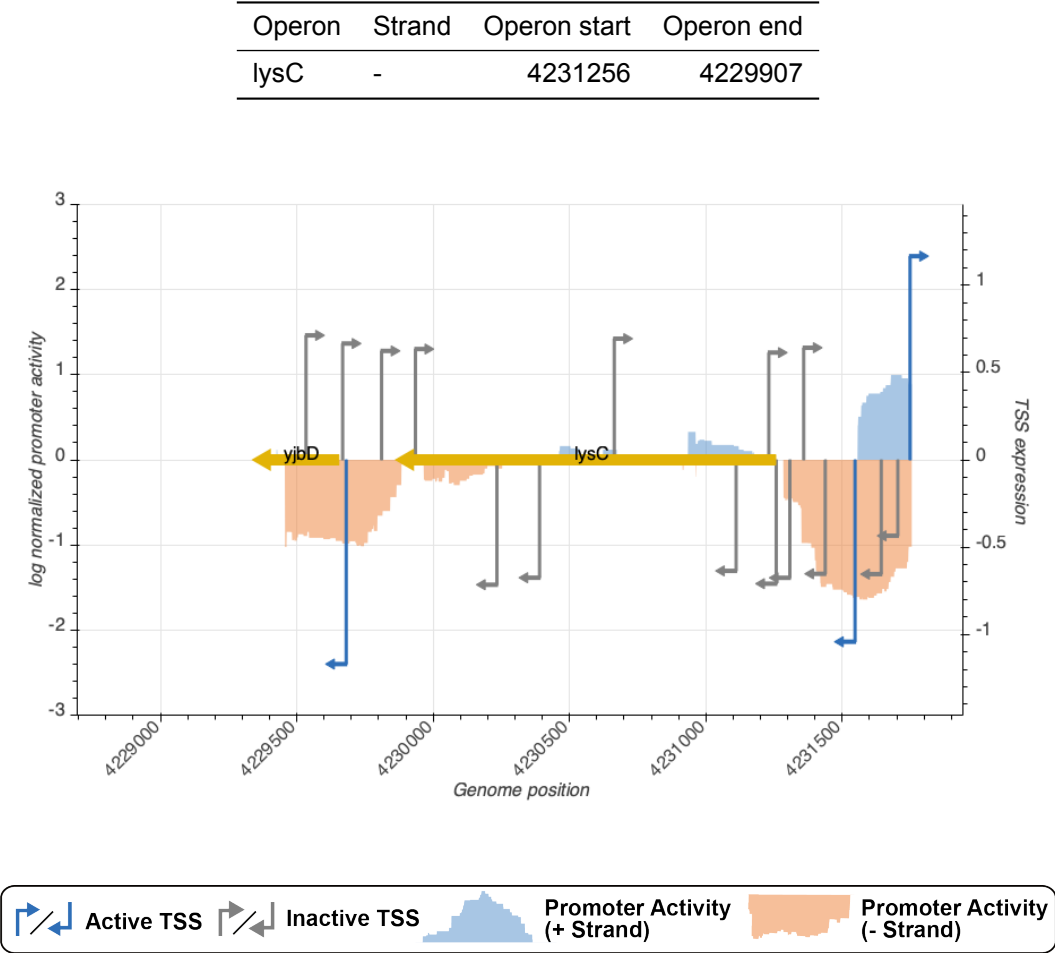


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_16574_regulondb	4231304	-	0.6755228	inactive
TSS_16576_storz	4231434	-	0.6524152	inactive
TSS_16579_storz	4231700	-	0.4349434	inactive
TSS_16578_regulondb	4231639	-	0.6544967	inactive
TSS_16580_regulondb	4231745	+	1.1661844	active
TSS_16575_wanner	4231355	+	0.6419117	inactive
TSS_16577_wanner	4231543	-	1.0417293	active

TSS Scanning Mutagenesis

