

Operon Promoter Landscape

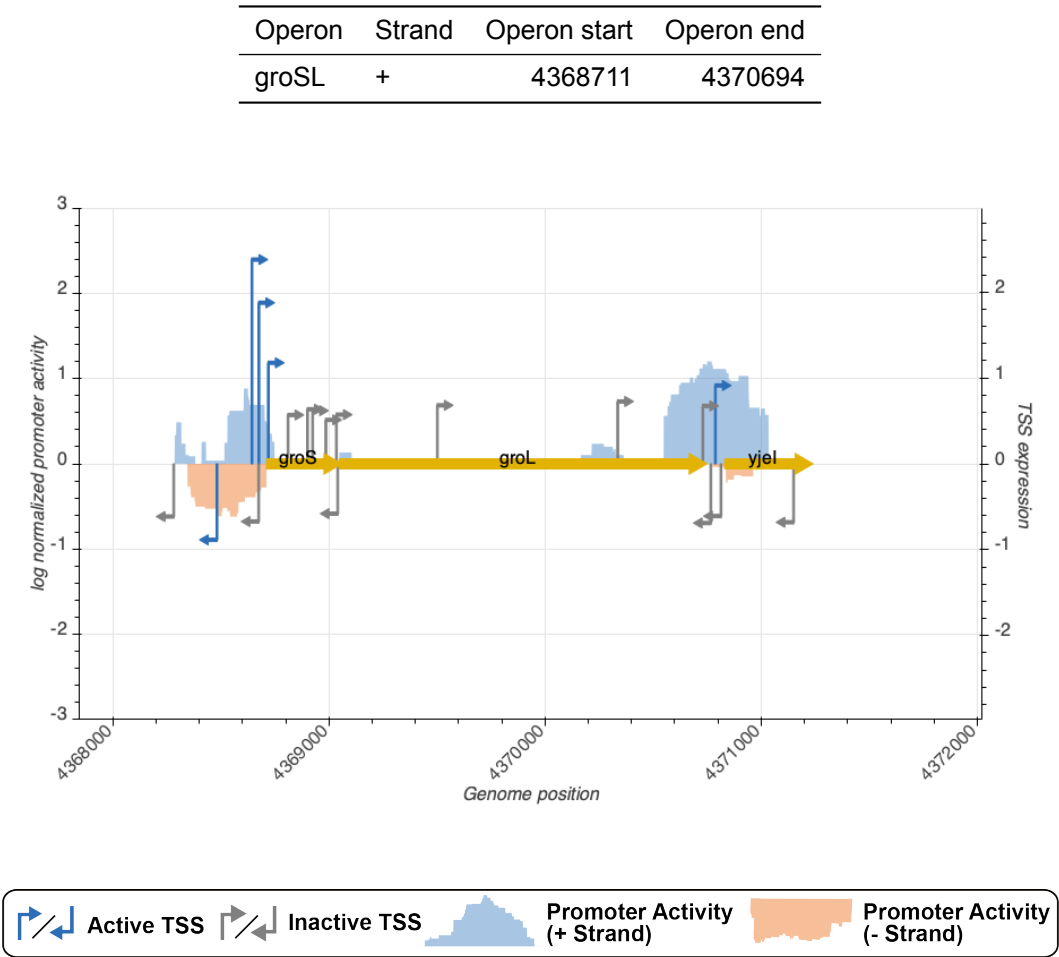


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_17055_regulondb	4368671	+	1.8755276	active
TSS_17052_wanner	4368477	-	0.8853505	active
TSS_17053_storz_regulondb	4368639	+	2.3785841	active
TSS_17051_storz	4368277	-	0.6139024	inactive
TSS_17054_storz	4368670	-	0.6719906	inactive

TSS Scanning Mutagenesis

