

Operon Promoter Landscape

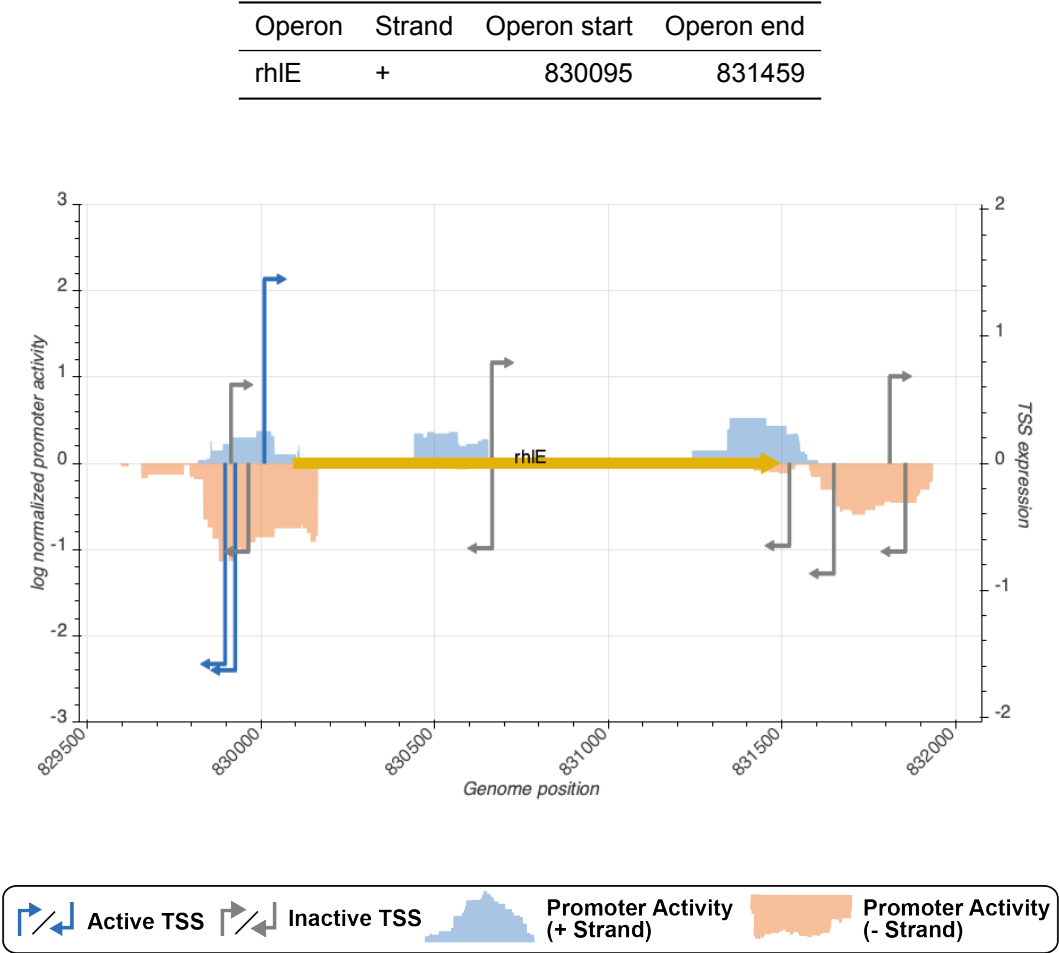


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_3188_storz	829960	-	0.6965794	inactive
TSS_3187_storz	829922	-	1.6310379	active
TSS_3186_storz	829910	+	0.6178688	inactive
TSS_3185_storz_wanner_regulondb	829893	-	1.5824528	active
TSS_3189_regulondb	830006	+	1.4511789	active

TSS Scanning Mutagenesis

