

Operon Promoter Landscape

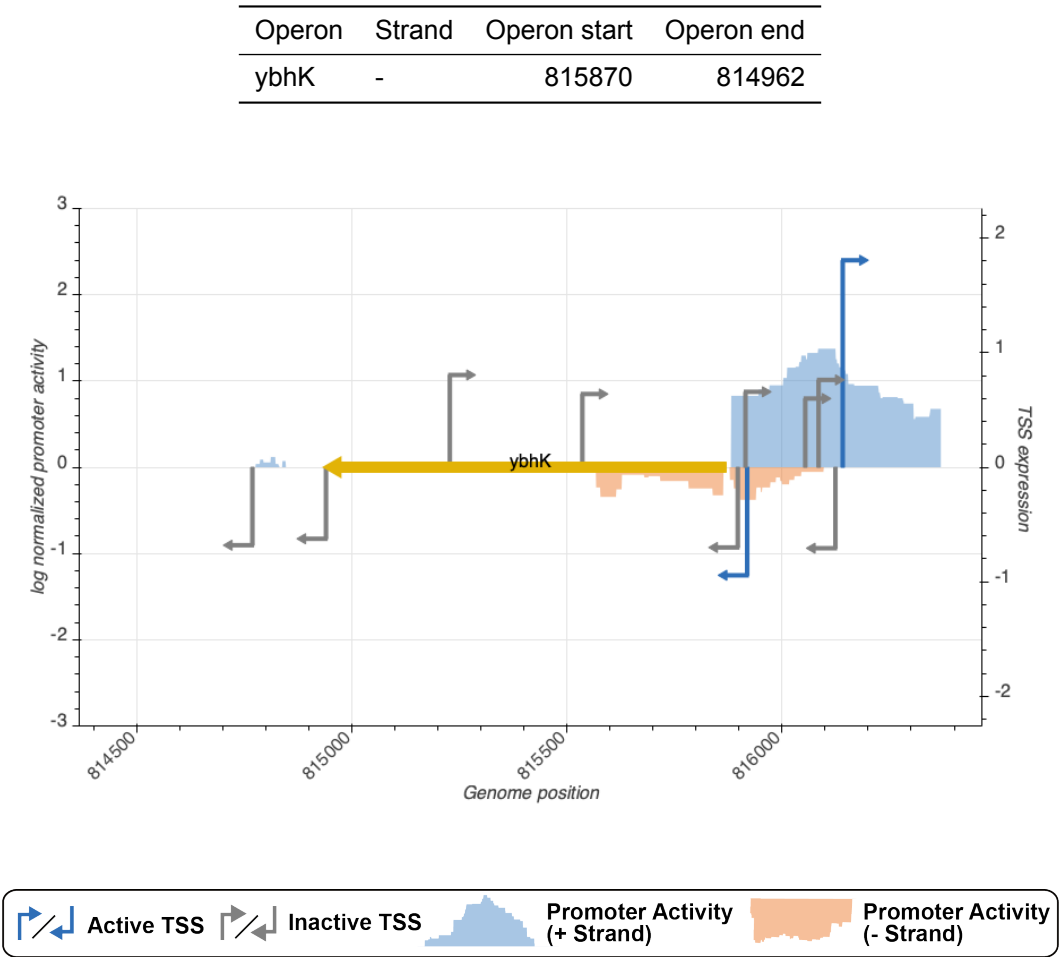


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_3144_wanner	815893	-	0.7008546	inactive
TSS_3147_regulondb	816050	+	0.5998978	inactive
TSS_3148_regulondb	816081	+	0.7626515	inactive
TSS_3150_storz_regulondb	816137	+	1.8077294	active
TSS_3149_storz	816120	-	0.7073438	inactive
TSS_3146_regulondb	815915	-	0.9437842	active
TSS_3145_storz	815911	+	0.6588340	inactive

TSS Scanning Mutagenesis

