

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
yebB	+	1944275	1944877

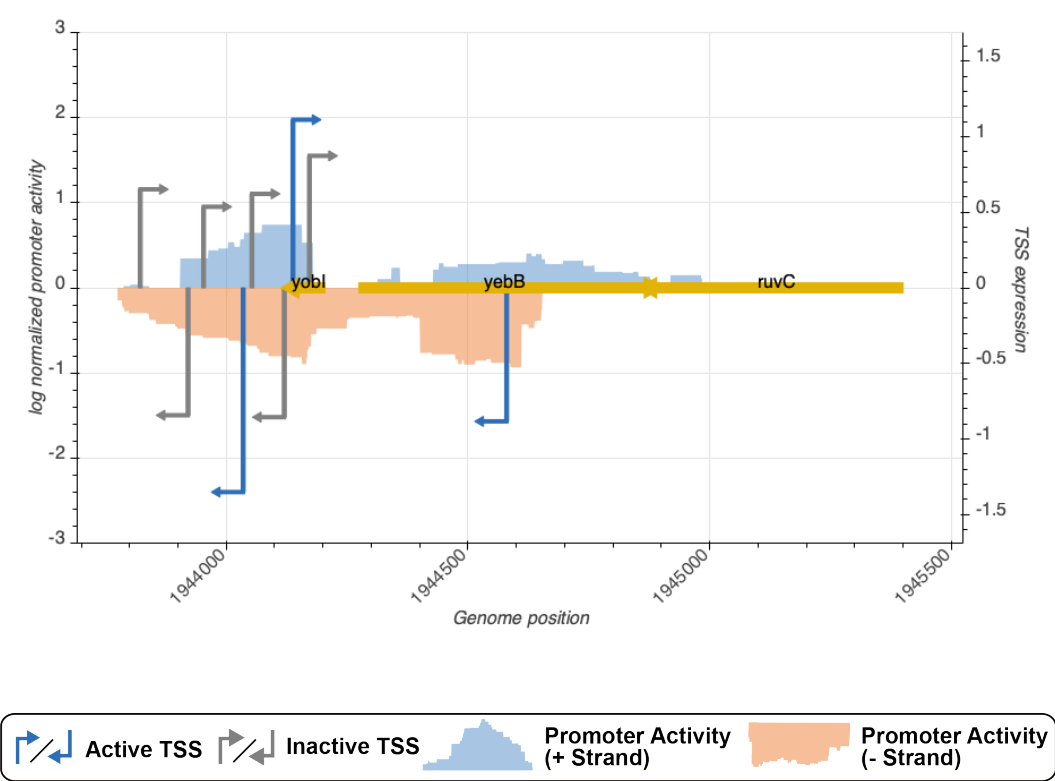


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_7471_storz	1943818	+	0.6524152	inactive
TSS_7477_regulondb	1944134	+	1.1129959	active
TSS_7474_wanner	1944031	-	1.3524401	active
TSS_7472_storz	1943917	-	0.8438281	inactive
TSS_7473_storz	1943949	+	0.5368769	inactive
TSS_7475_storz	1944049	+	0.6224179	inactive
TSS_7476_storz	1944116	-	0.8562820	inactive
TSS_7478_regulondb	1944168	+	0.8739642	inactive

TSS Scanning Mutagenesis

