

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
ydiY	-	1804107	1803349

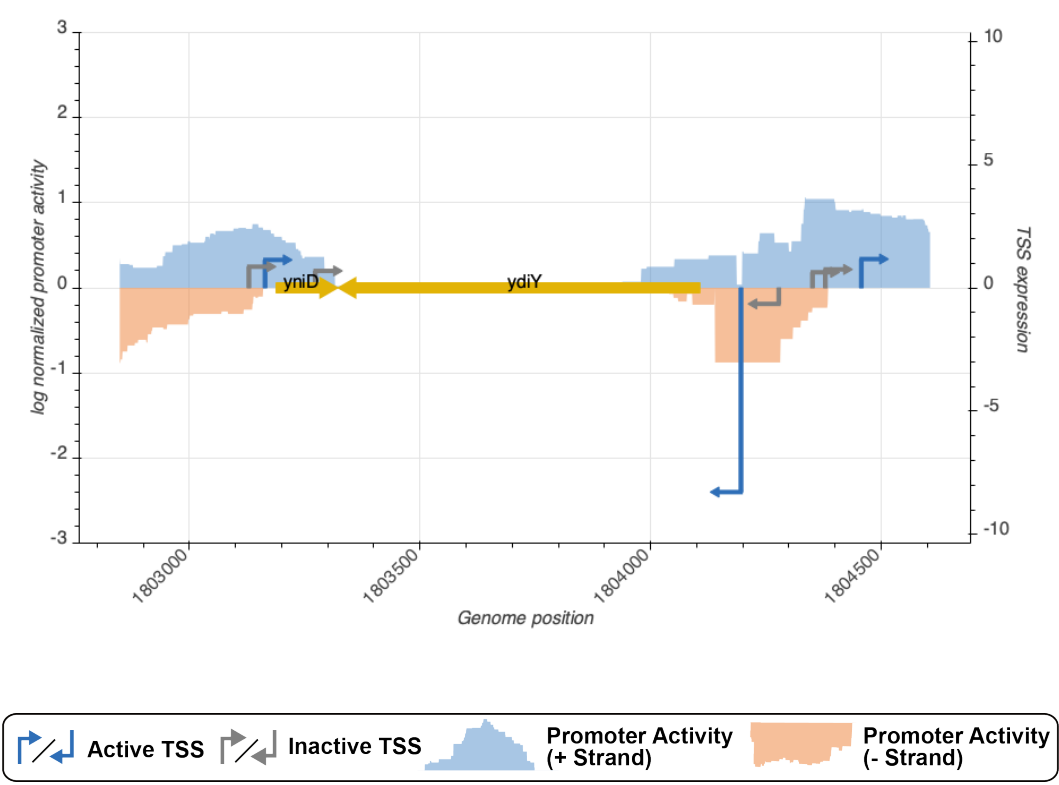


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_6919_storz	1804453	+	1.1661844	active
TSS_6916_regulondb	1804274	-	0.6513896	inactive
TSS_6918_regulondb	1804375	+	0.7454007	inactive
TSS_6917_regulondb	1804347	+	0.6289534	inactive
TSS_6914_storz	1804192	-	8.2775717	active

TSS Scanning Mutagenesis

