

Operon Promoter Landscape

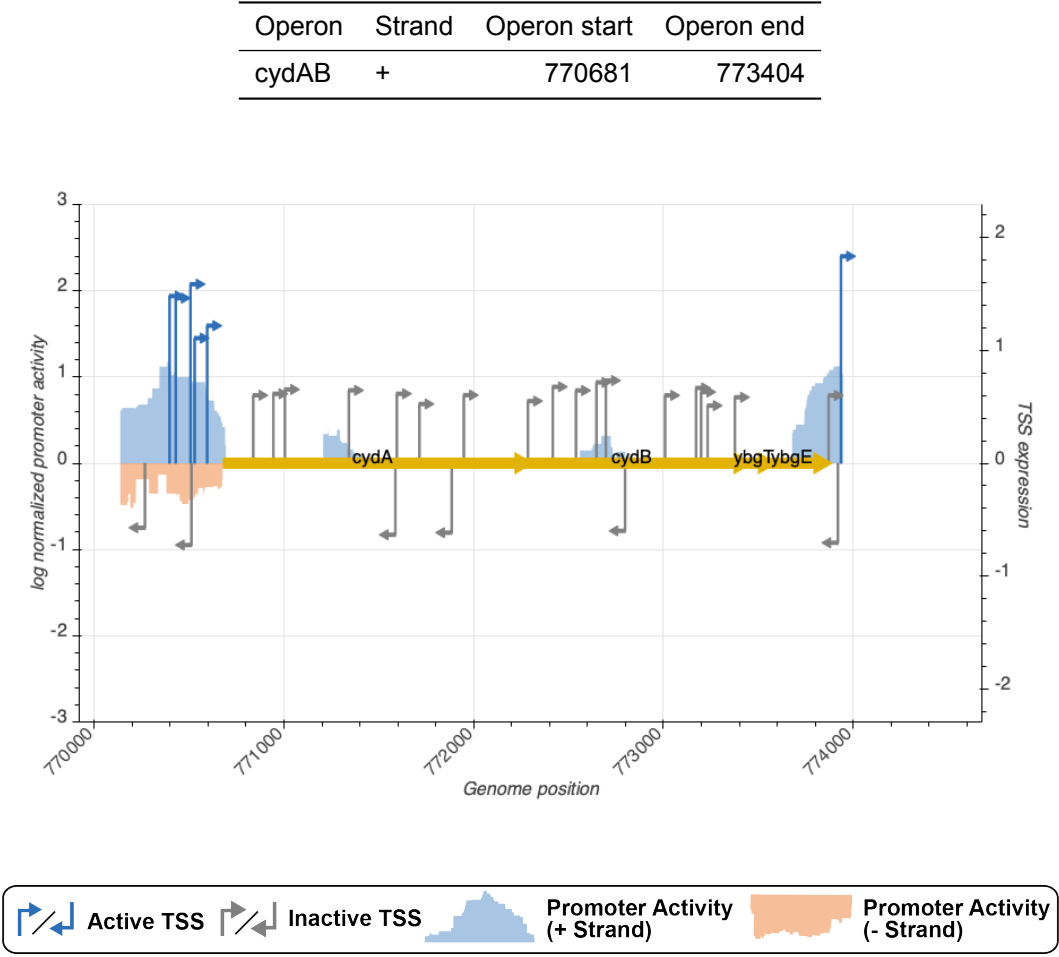


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_2949_storz_regulondb	770393	+	1.4781378	active
TSS_2951_regulondb	770503	+	1.5826560	active
TSS_2952_storz	770508	-	0.7229845	inactive
TSS_2953_regulondb	770525	+	1.1058094	active
TSS_2948_storz	770263	-	0.5703145	inactive
TSS_2950_regulondb	770425	+	1.4595720	active
TSS_2954_regulondb	770591	+	1.2153371	active

TSS Scanning Mutagenesis

