

Operon Promoter Landscape

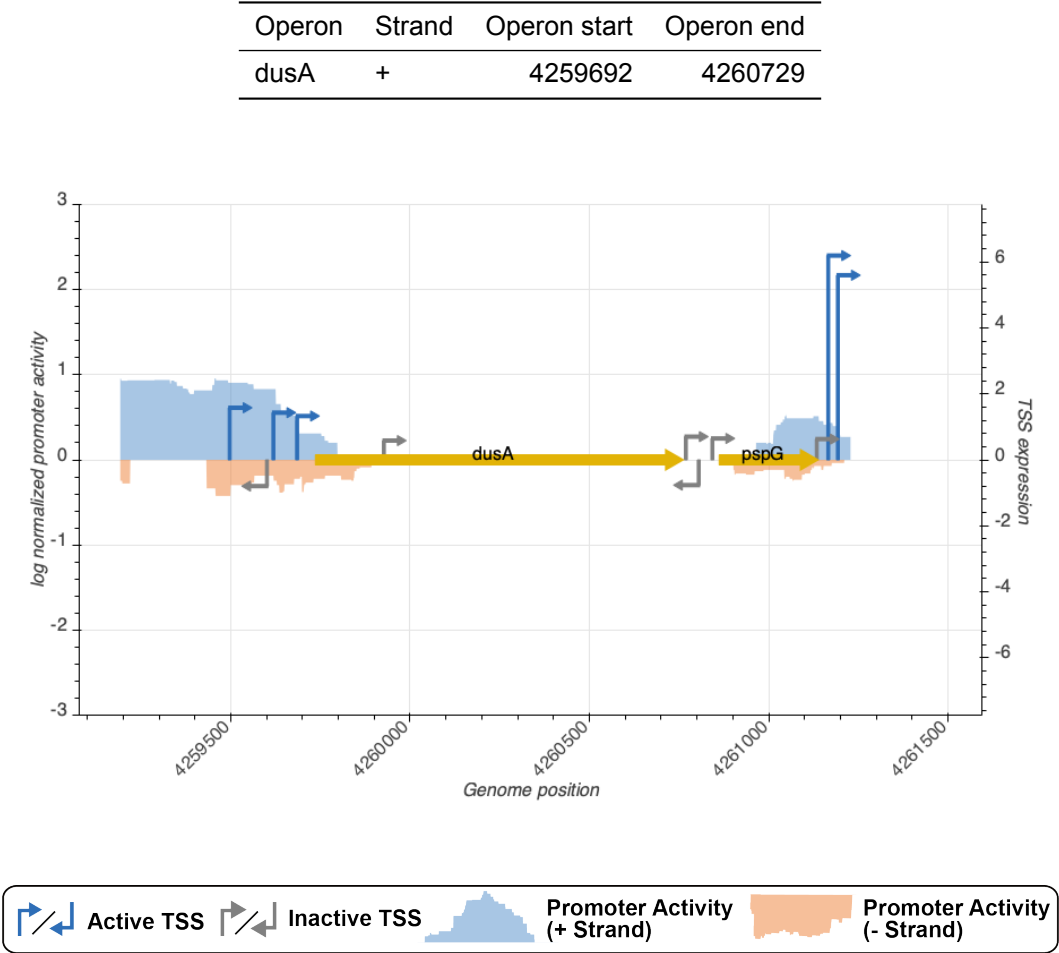


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_16683_regulondb	4259681	+	1.3282036	active
TSS_16682_storz_wanner	4259615	+	1.4299305	active
TSS_16680_storz_regulondb	4259493	+	1.5795927	active
TSS_16681_storz	4259597	-	0.7973826	inactive

TSS Scanning Mutagenesis

