

Operon Promoter Landscape

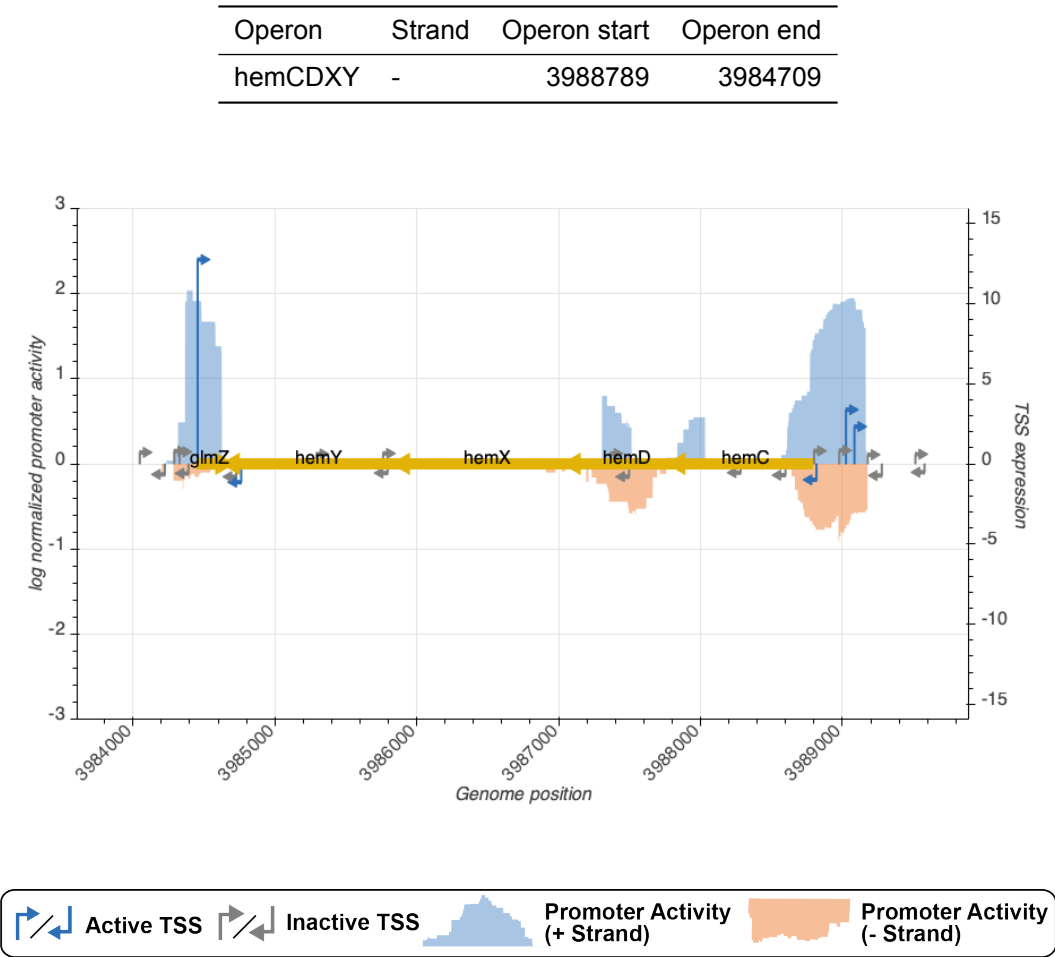


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_15503_storz_regulondb	3988797	+	0.8077013	inactive
TSS_15509_regulondb	3989175	+	0.5681475	inactive
TSS_15507_storz_regulondb	3989022	+	3.3753123	active
TSS_15506_storz_regulondb	3988975	+	0.8375499	inactive
TSS_15510_storz	3989274	-	0.7288652	inactive
TSS_15504_regulondb	3988814	-	0.9973037	active
TSS_15508_regulondb	3989081	+	2.3230045	active

TSS Scanning Mutagenesis

