

Operon Promoter Landscape

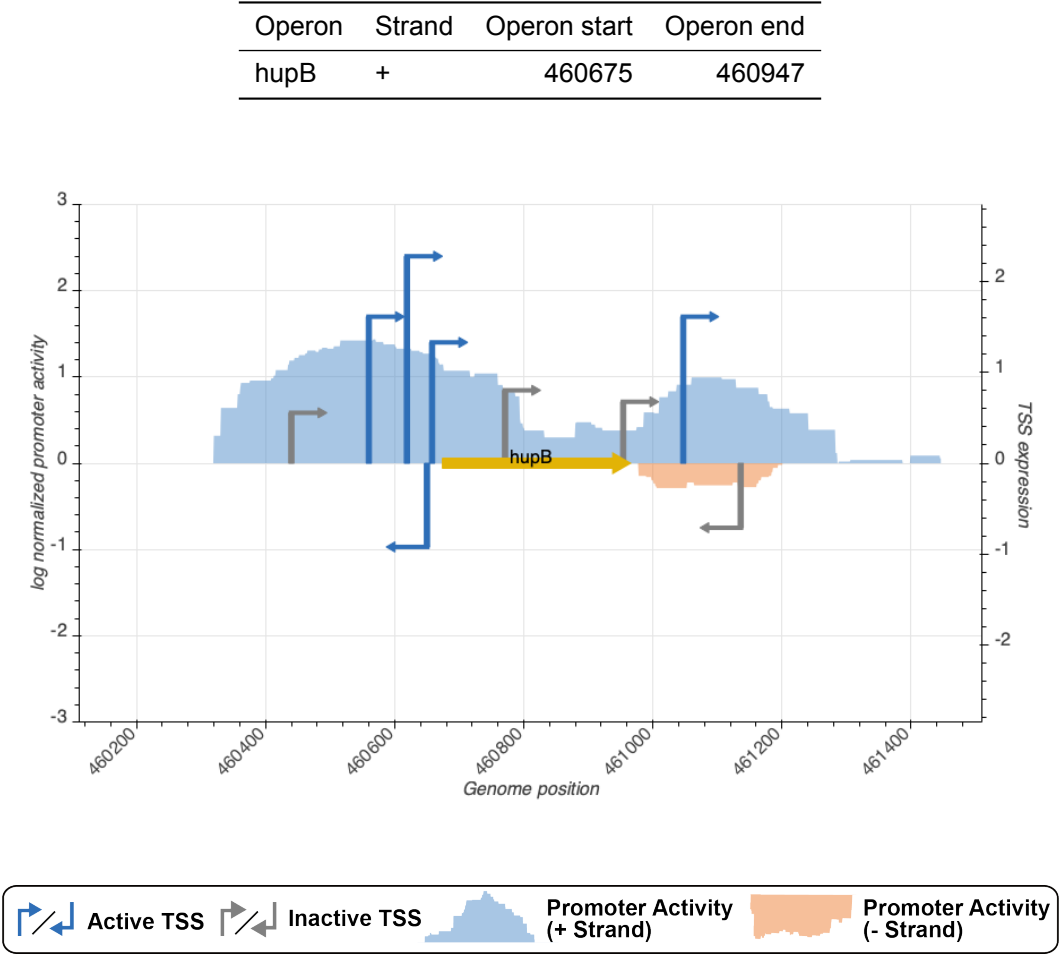


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_1833_storz_wanner_regulondb	460556	+	1.6114938	active
TSS_1835_storz	460646	-	0.9208536	active
TSS_1834_regulondb	460615	+	2.2765350	active
TSS_1836_regulondb	460654	+	1.3290924	active
TSS_1831_storz	460436	+	0.5546520	inactive

TSS Scanning Mutagenesis

