

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
dnaK-tpke11-dnaJ	+	12163	15298

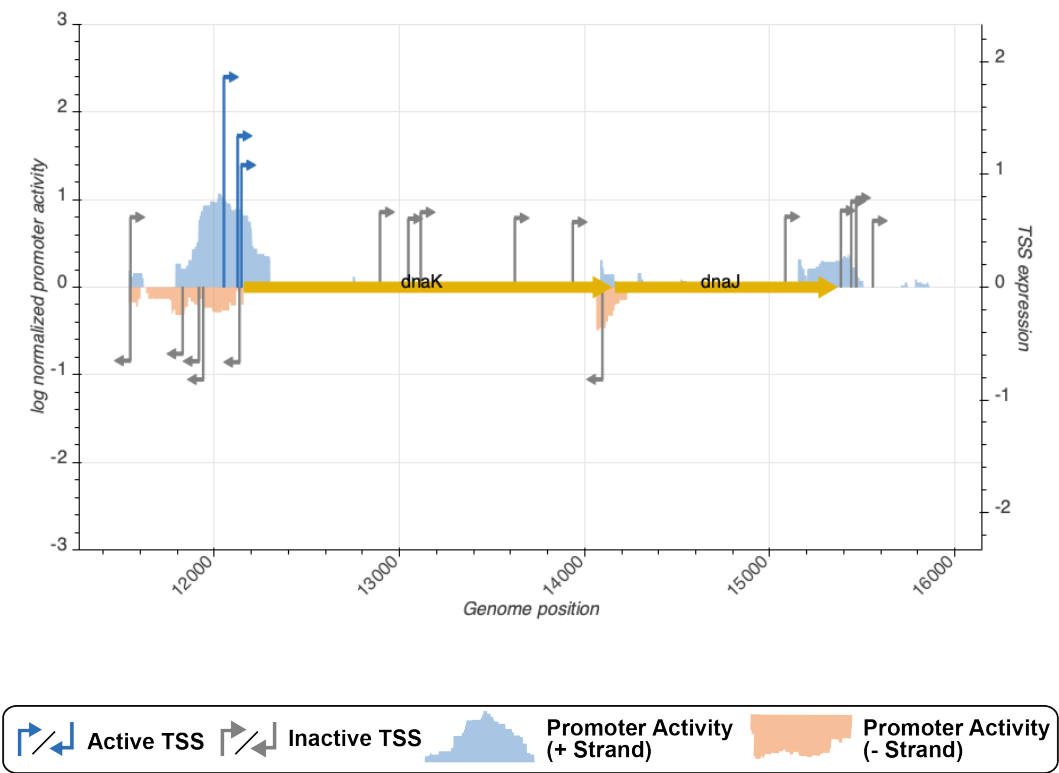


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_68_storz	12132	-	0.6652528	inactive
TSS_64_regulondb	11913	-	0.6568896	inactive
TSS_65_storz	11936	-	0.8189202	inactive
TSS_63_regulondb	11825	-	0.5912551	inactive
TSS_66_storz_regulondb	12048	+	1.8649654	active
TSS_69_regulondb	12142	+	1.0834774	active
TSS_67_wanner	12122	+	1.3428827	active

TSS Scanning Mutagenesis

