

Operon Promoter Landscape

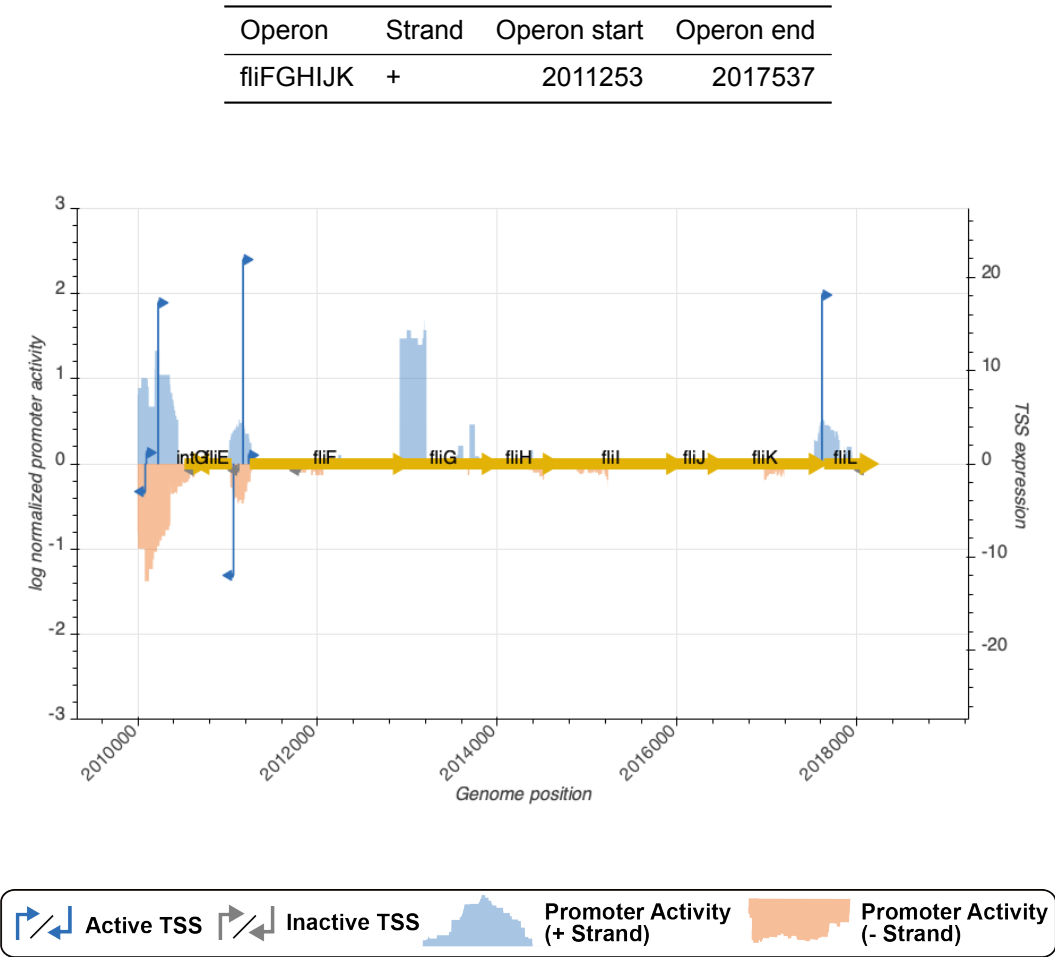


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_7716_regulondb	2011060	-	11.9433348	active
TSS_7719_regulondb	2011229	+	0.9293481	active
TSS_7717_regulondb	2011117	-	0.6822163	inactive
TSS_7718_storz	2011167	+	21.8711999	active

TSS Scanning Mutagenesis

