

Operon Promoter Landscape

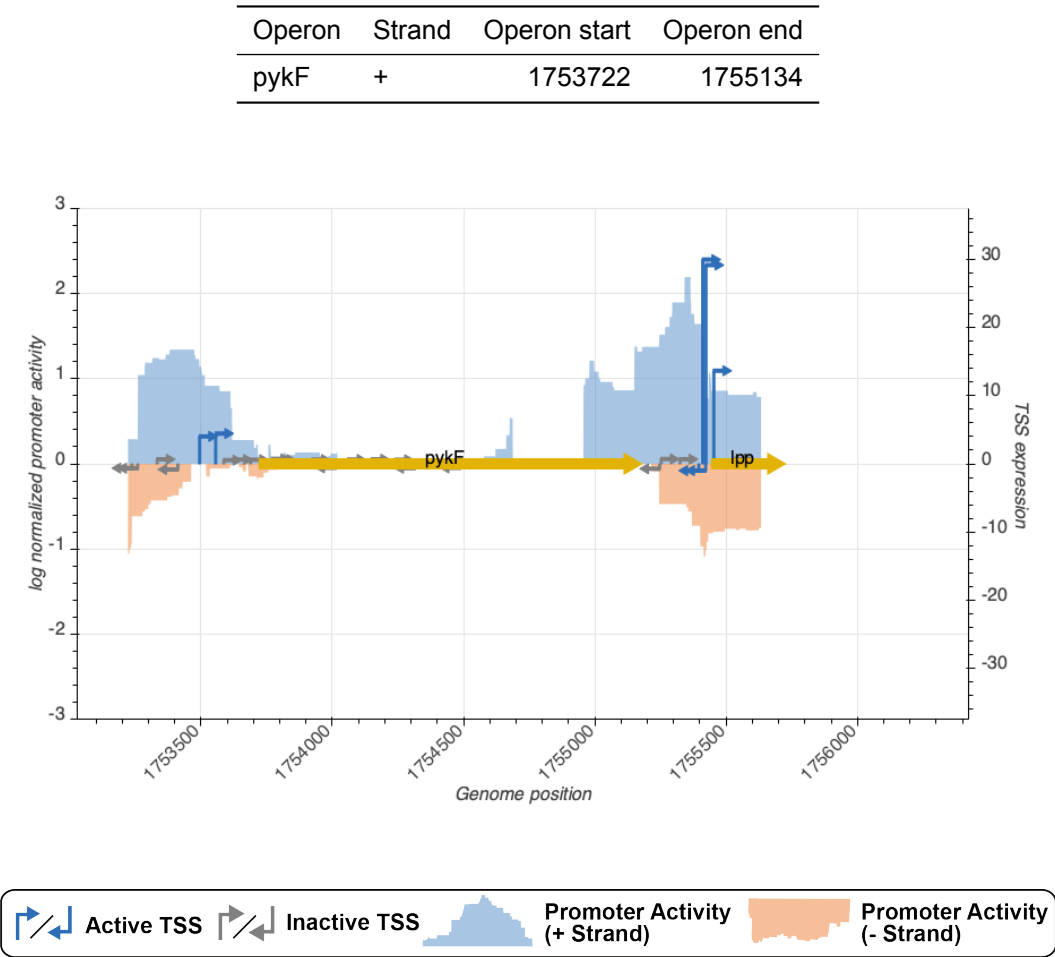


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_6736_regulondb	1753685	+	0.6020523	inactive
TSS_6734_regulondb	1753583	+	0.5393663	inactive
TSS_6732_regulondb	1753491	+	4.0235515	active
TSS_6735_storz_regulondb	1753624	+	0.6318907	inactive
TSS_6731_storz	1753408	-	0.8313741	inactive
TSS_6729_storz	1753255	-	0.6481360	inactive
TSS_6728_regulondb	1753233	-	0.6318907	inactive
TSS_6733_regulondb	1753552	+	4.4418593	active
TSS_6730_storz	1753329	+	0.6620975	inactive

TSS Scanning Mutagenesis

