

Operon Promoter Landscape

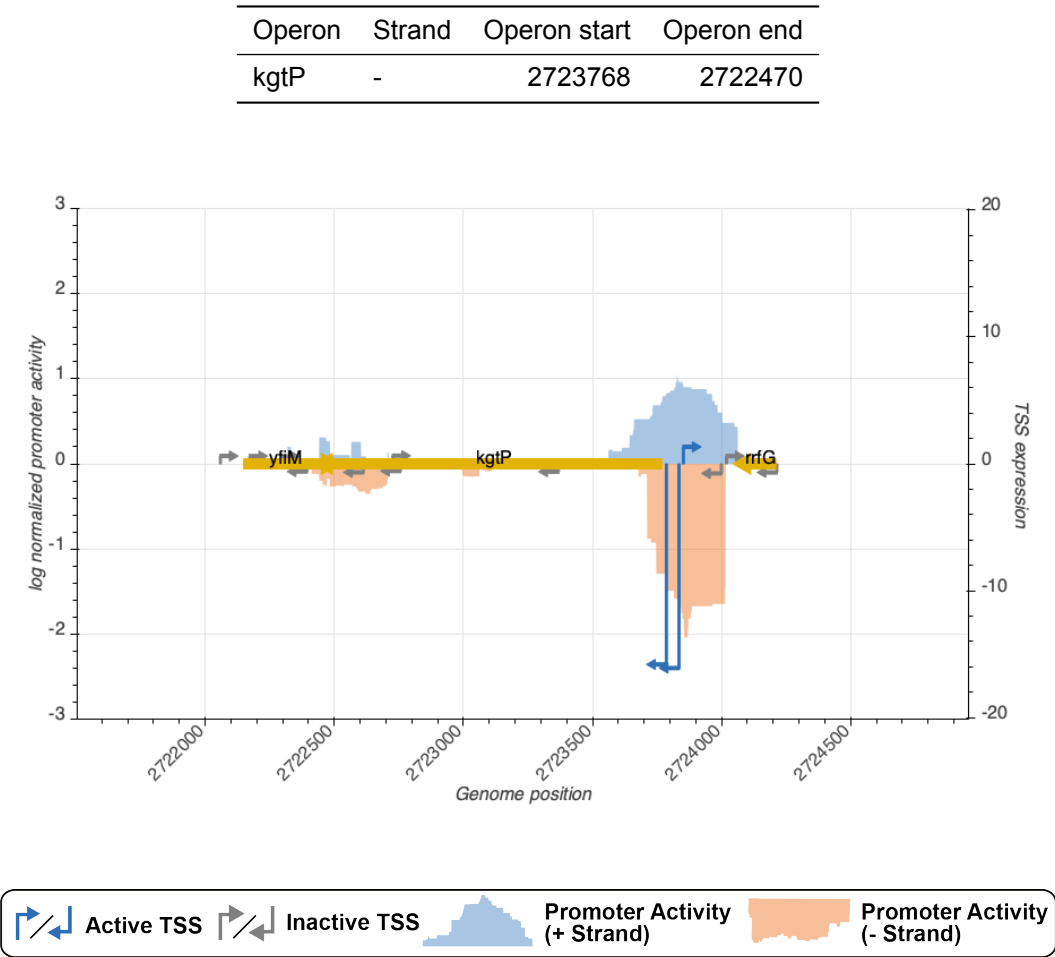


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_10266_regulondb	2723831	-	16.0919506	active
TSS_10270_storz	2724210	-	0.6755228	inactive
TSS_10268_storz	2723995	-	0.7560992	inactive
TSS_10267_storz	2723848	+	1.3363408	active
TSS_10269_storz	2724015	+	0.6139024	inactive
TSS_10265_regulondb	2723782	-	15.8058065	active

TSS Scanning Mutagenesis

