

Operon Promoter Landscape

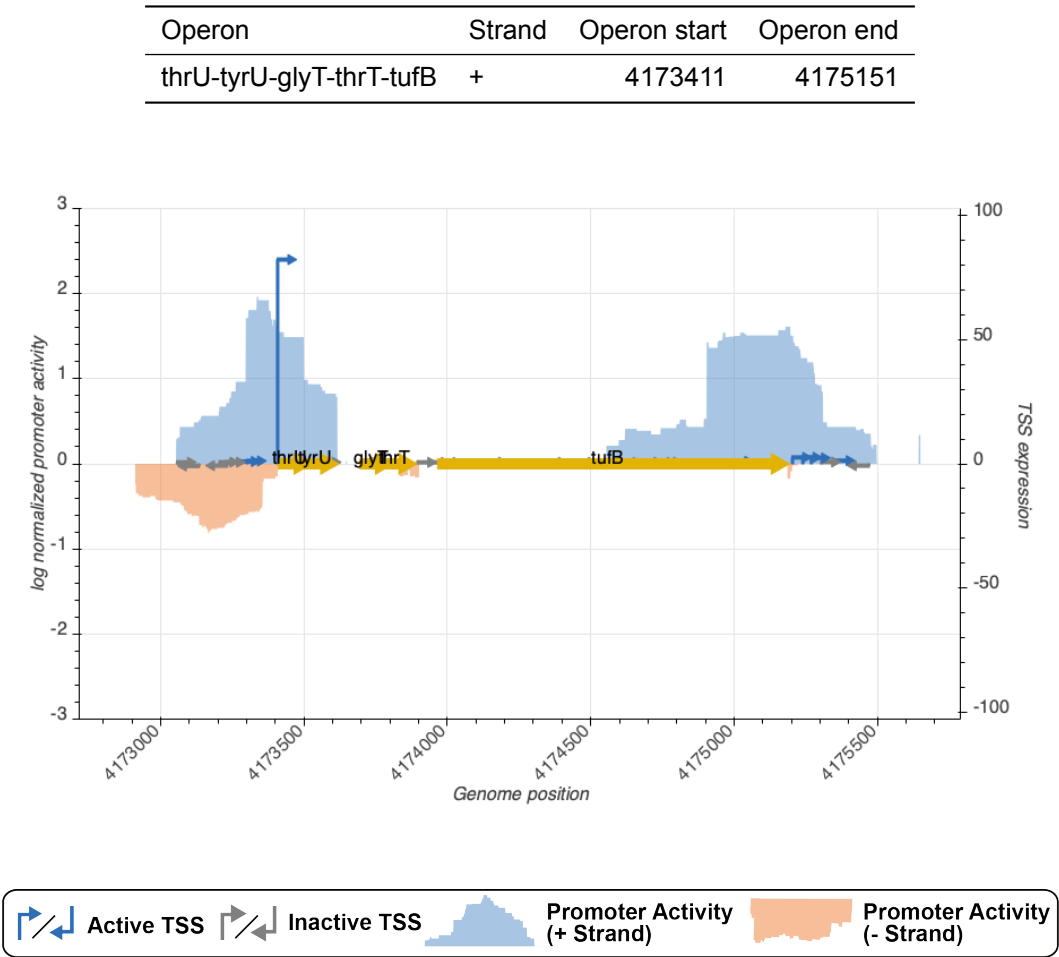


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_16315_storz	4173227	-	0.7210096	inactive
TSS_16316_regulondb	4173277	+	0.9582154	active
TSS_16312_wanner	4173129	-	0.8591571	inactive
TSS_16317_storz	4173298	+	1.1752201	active
TSS_16311_storz	4173054	+	0.6211834	inactive
TSS_16314_storz	4173225	+	0.6359097	inactive
TSS_16313_storz	4173202	+	0.6777446	inactive
TSS_16318_storz_regulondb	4173404	+	82.3555104	active

TSS Scanning Mutagenesis

