

Operon Promoter Landscape

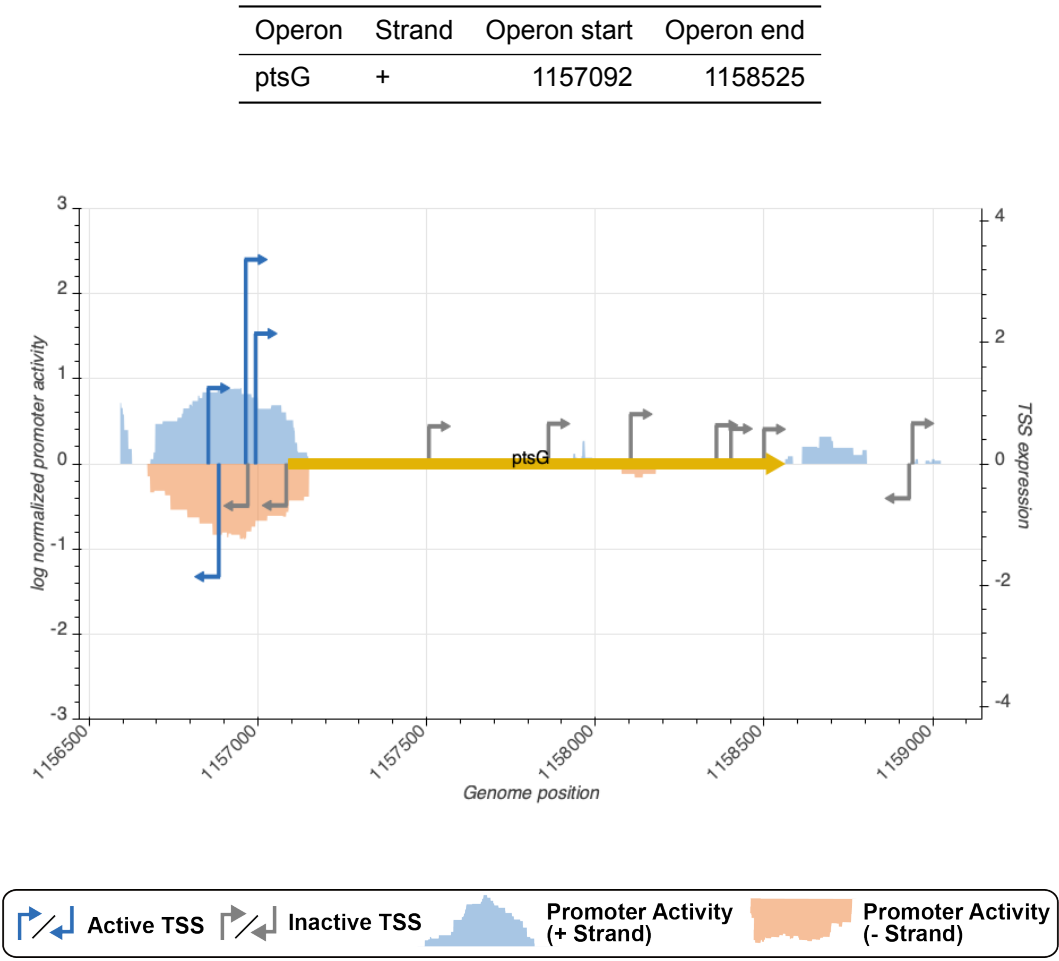


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_4479_regulondb	1156849	+	1.2498565	active
TSS_4484_wanner	1157080	-	0.6857997	inactive
TSS_4483_regulondb	1156989	+	2.1475075	active
TSS_4482_wanner	1156966	-	0.6923032	inactive
TSS_4480_storz	1156880	-	1.8612373	active
TSS_4481_regulondb	1156960	+	3.3681361	active

TSS Scanning Mutagenesis

