

Operon Promoter Landscape

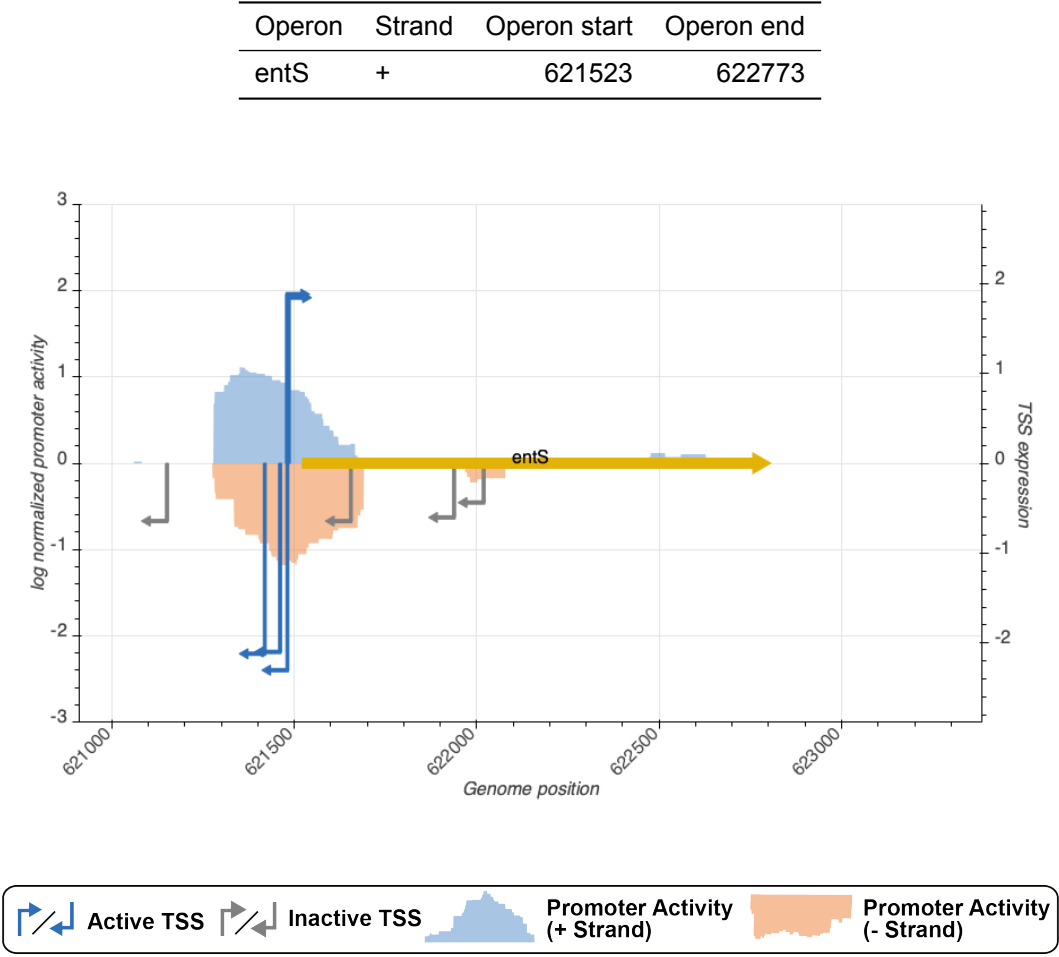


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_2378_storz_regulondb	621481	+	1.8417072	active
TSS_2377_storz	621477	-	2.3015585	active
TSS_2375_storz_regulondb	621457	-	2.0984590	active
TSS_2373_storz	621147	-	0.6430656	inactive
TSS_2376_storz_regulondb	621476	+	1.8802200	active
TSS_2374_regulondb	621415	-	2.1189111	active

TSS Scanning Mutagenesis

