

Operon Promoter Landscape

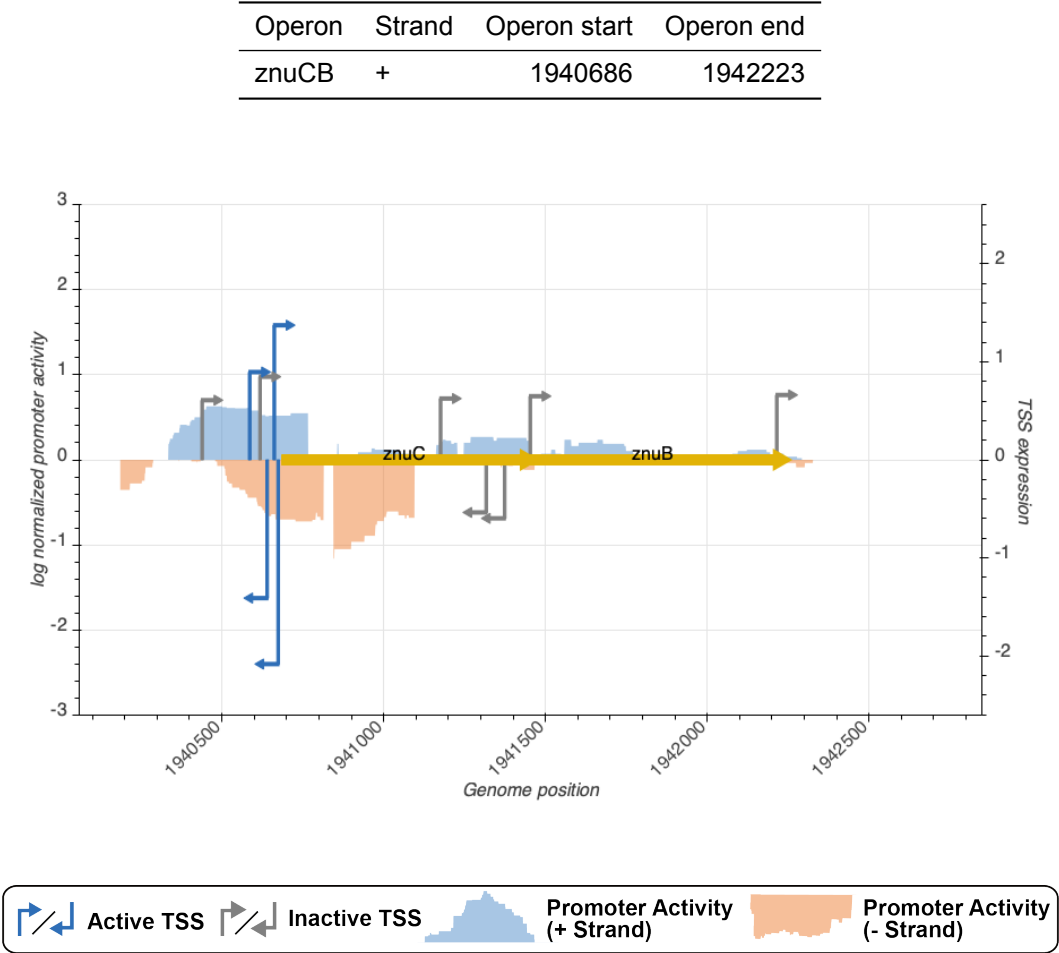


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_7459_storz	1940614	+	0.8478817	inactive
TSS_7460_storz	1940636	-	1.4108828	active
TSS_7458_storz	1940582	+	0.8958864	active
TSS_7462_storz	1940670	-	2.0843377	active
TSS_7461_storz_regulondb	1940658	+	1.3737479	active
TSS_7457_storz	1940435	+	0.6085540	inactive

TSS Scanning Mutagenesis

