

Operon Promoter Landscape

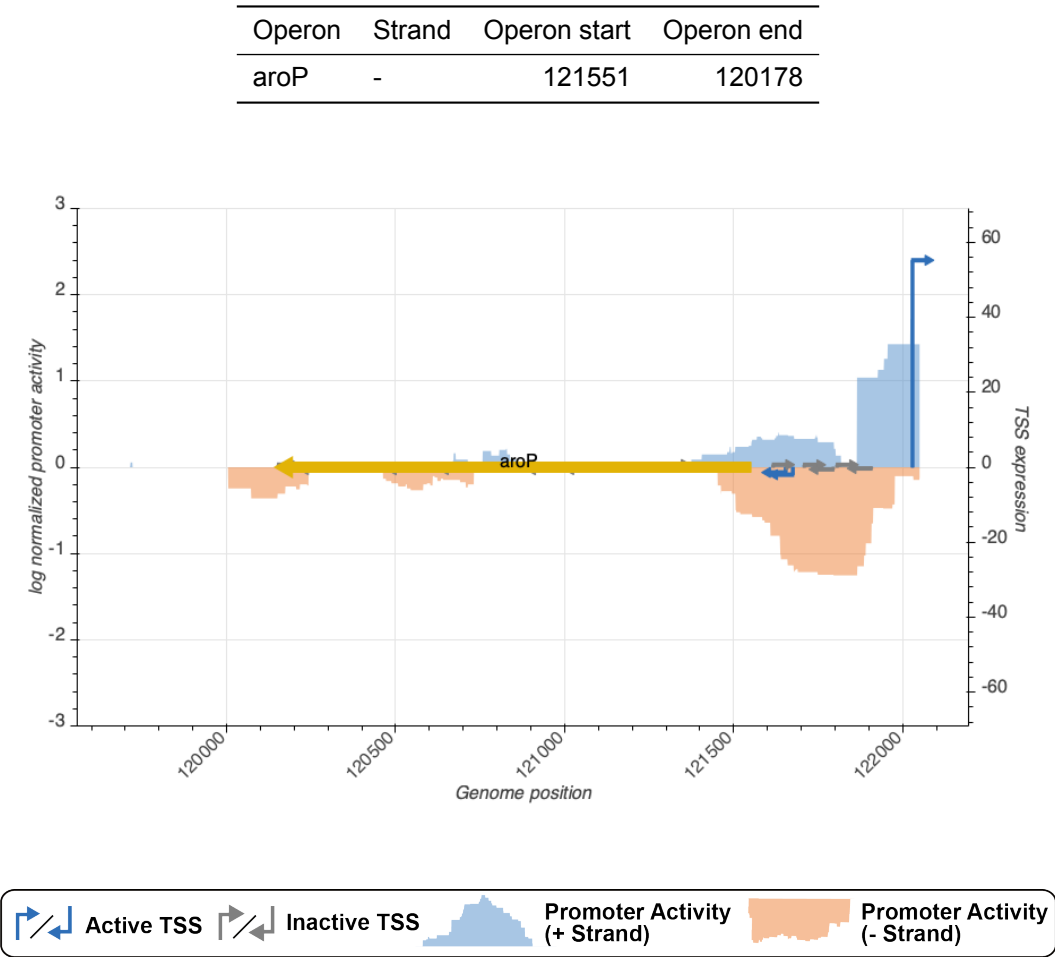


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_515_storz	121705	+	0.6402208	inactive
TSS_514_regulondb	121671	-	1.9946073	active
TSS_519_storz	122025	+	55.2247499	active
TSS_513_regulondb	121650	-	1.3904379	active
TSS_517_storz	121802	+	0.6536615	inactive
TSS_512_storz	121613	+	0.6734608	inactive
TSS_516_storz	121790	-	0.5720355	inactive
TSS_518_storz	121903	-	0.3287941	inactive

TSS Scanning Mutagenesis

