

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
adhE	-	1297344	1294669

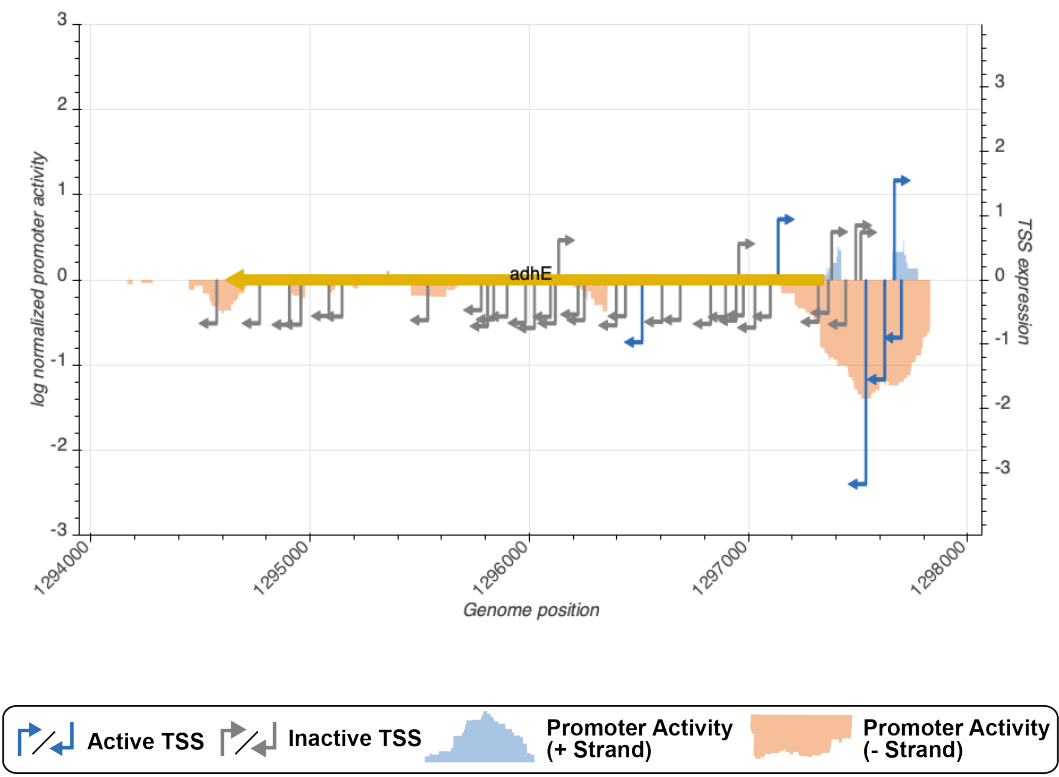


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_5083_storz	1297662	+	1.5425942	active
TSS_5084_storz	1297694	-	0.8990107	active
TSS_5077_storz	1297376	+	0.7435025	inactive
TSS_5080_storz	1297509	+	0.7362225	inactive
TSS_5076_regulondb	1297361	-	0.5124043	inactive
TSS_5078_regulondb	1297440	-	0.6909279	inactive
TSS_5079_storz	1297486	+	0.8449790	inactive
TSS_5082_storz	1297618	-	1.5475093	active
TSS_5081_storz_regulondb	1297532	-	3.1725826	active

TSS Scanning Mutagenesis

