

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
ydhR	+	1744724	1745029

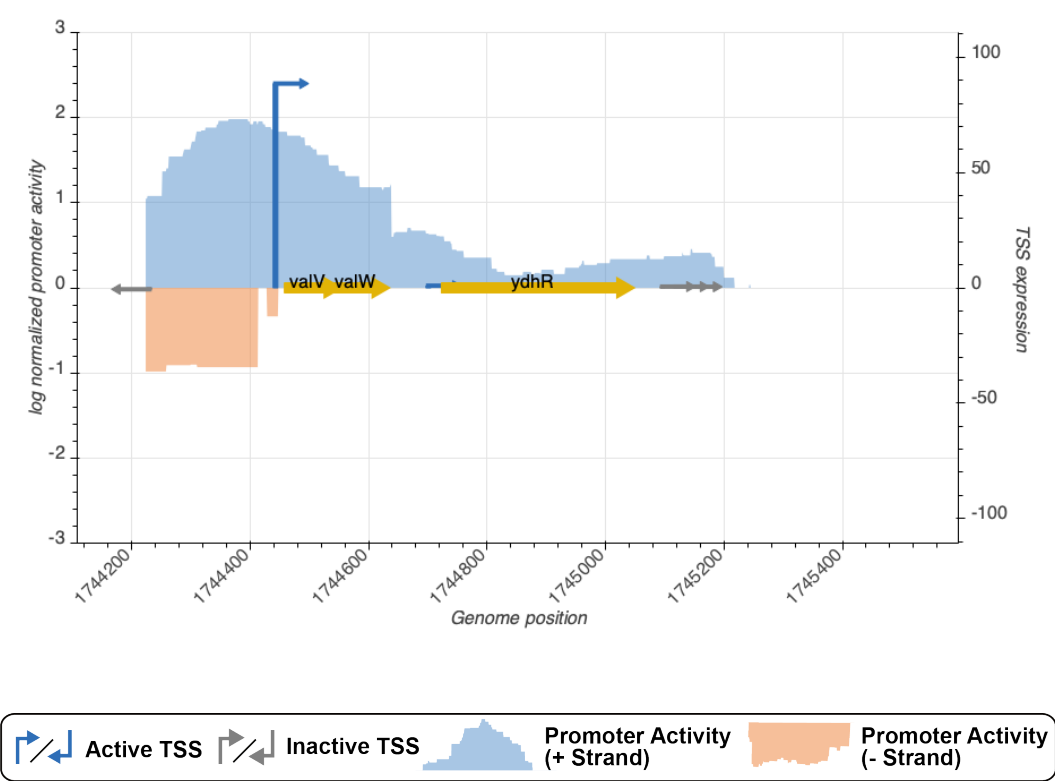


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_6700_regulondb	1744697	+	0.9157569	active
TSS_6697_regulondb	1744226	-	0.6267779	inactive
TSS_6699_storz	1744540	+	0.6766637	inactive
TSS_6698_wanner_regulondb	1744439	+	88.5878575	active

TSS Scanning Mutagenesis

