

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
nrdHIEF	+	2798745	2802483

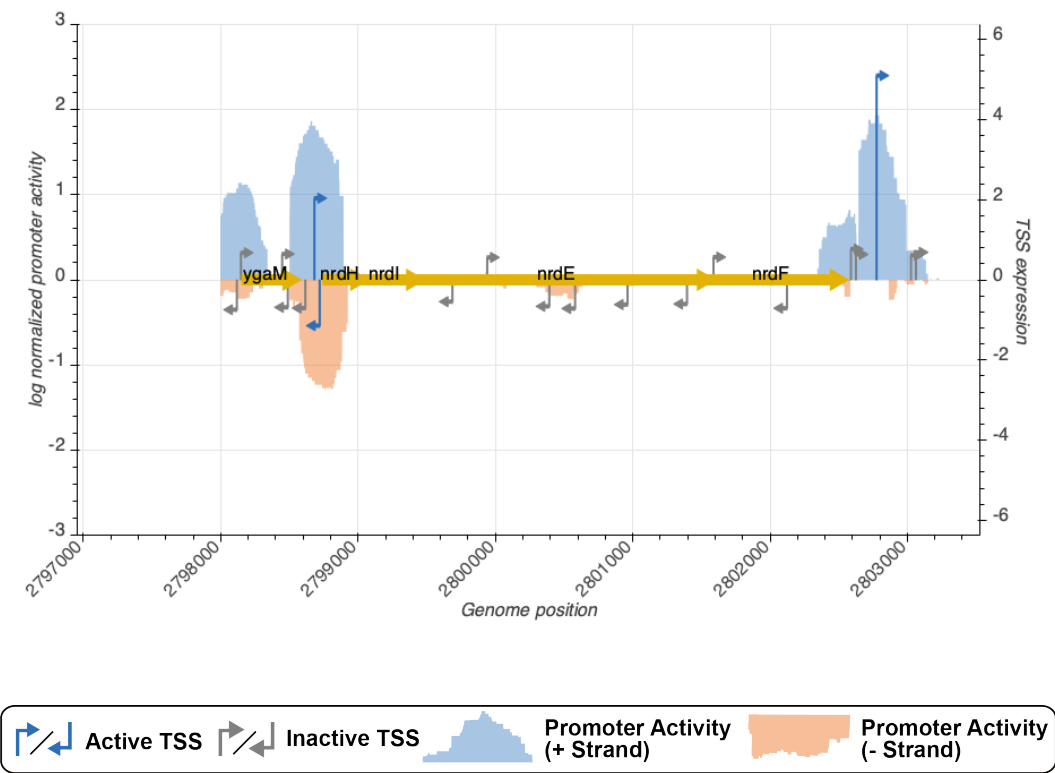


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_10587_storz_regulondb	2798678	+	2.0360713	active
TSS_10584_storz	2798443	+	0.6447913	inactive
TSS_10588_storz	2798716	-	1.1439399	active
TSS_10586_regulondb	2798612	-	0.7063799	inactive
TSS_10585_storz	2798484	-	0.6863970	inactive

TSS Scanning Mutagenesis

