

Operon Promoter Landscape

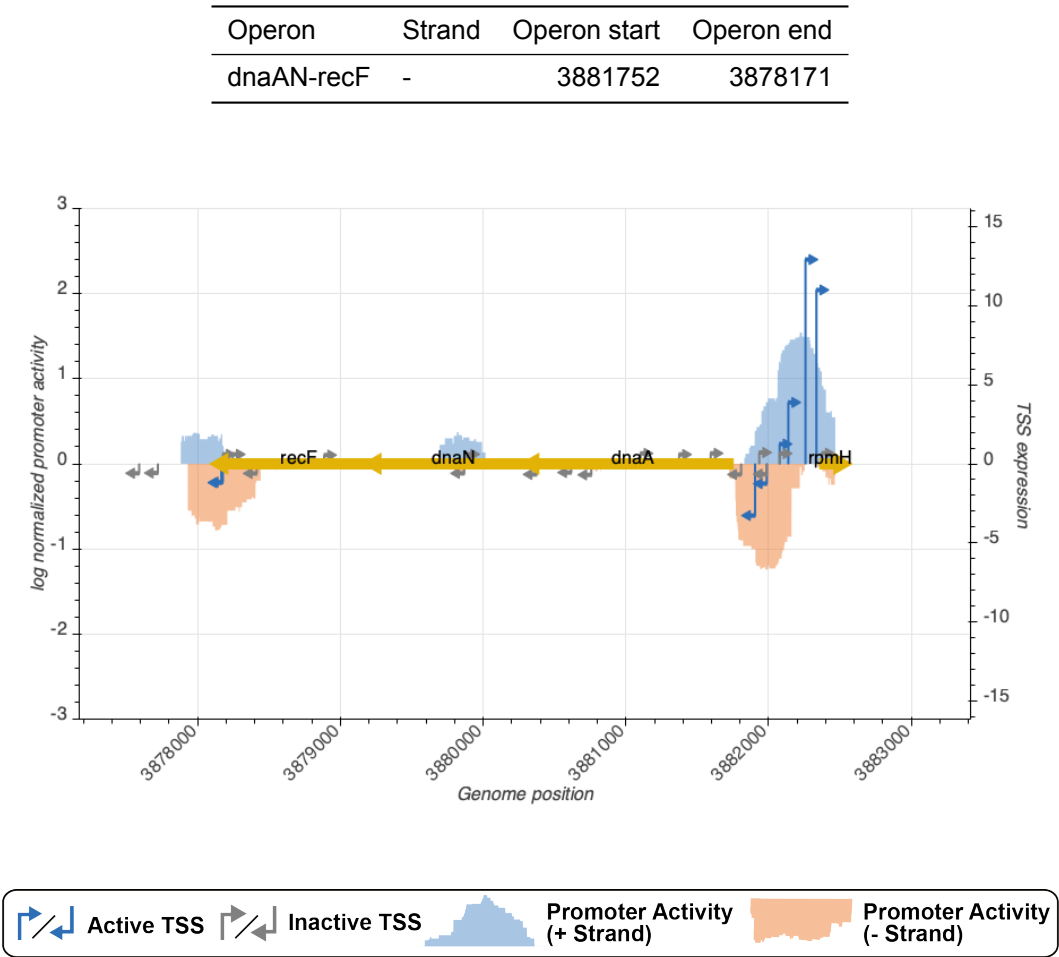


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_15040_storz	3881803	-	0.6750625	inactive
TSS_15044_storz	3882073	+	1.2504521	active
TSS_15043_wanner	3881983	-	1.2504521	active
TSS_15042_storz	3881930	+	0.7155458	inactive
TSS_15041_regulondb	3881901	-	3.2690491	active
TSS_15044_storz	3882073	+	0.6524152	inactive
TSS_15043_wanner	3881983	-	0.6524152	inactive
TSS_15045_regulondb	3882134	+	3.8831791	active

TSS Scanning Mutagenesis

