

Operon Promoter Landscape

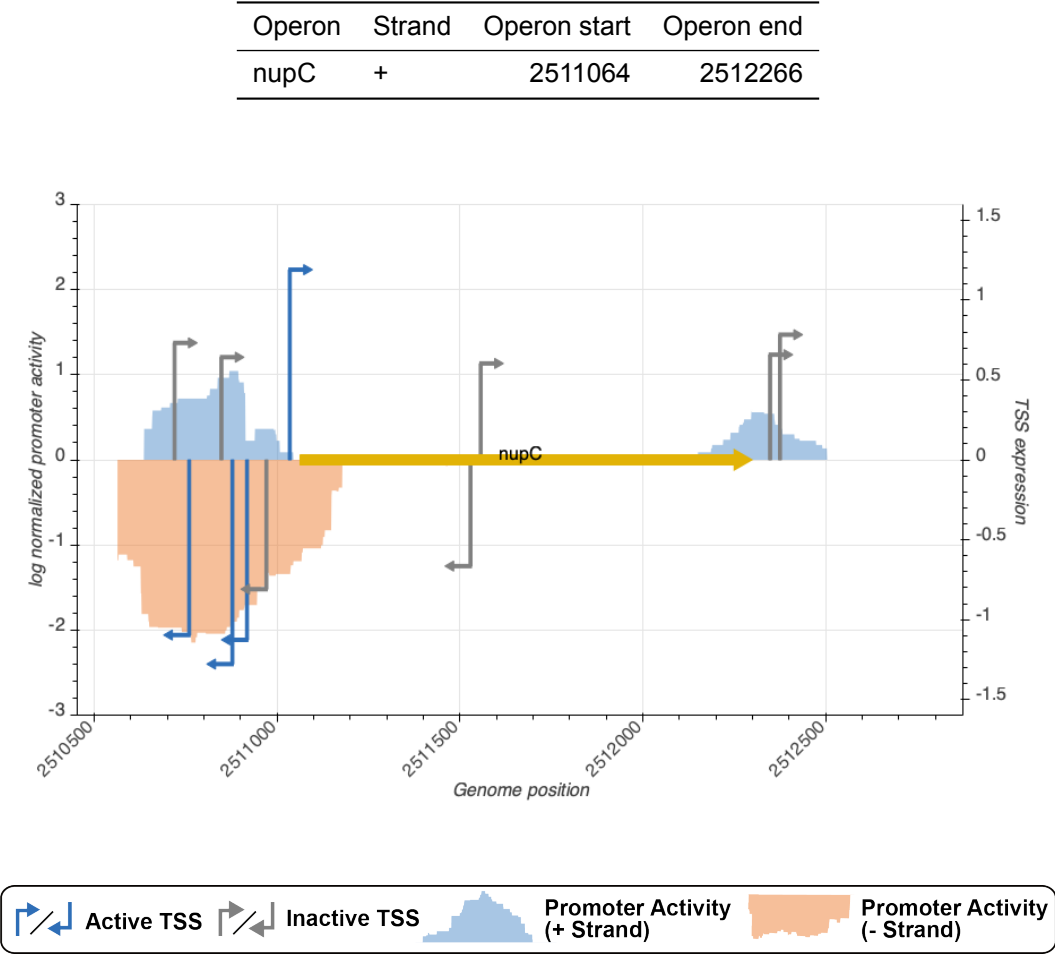


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_9461_storz	2510716	+	0.7315576	inactive
TSS_9463_storz	2510844	+	0.6419117	inactive
TSS_9465_storz	2510914	-	1.1258714	active
TSS_9467_regulondb	2511031	+	1.1892920	active
TSS_9466_storz	2510967	-	0.8090773	inactive
TSS_9464_wanner	2510874	-	1.2776206	active
TSS_9462_regulondb	2510756	-	1.0959982	active

TSS Scanning Mutagenesis

