

Operon Promoter Landscape

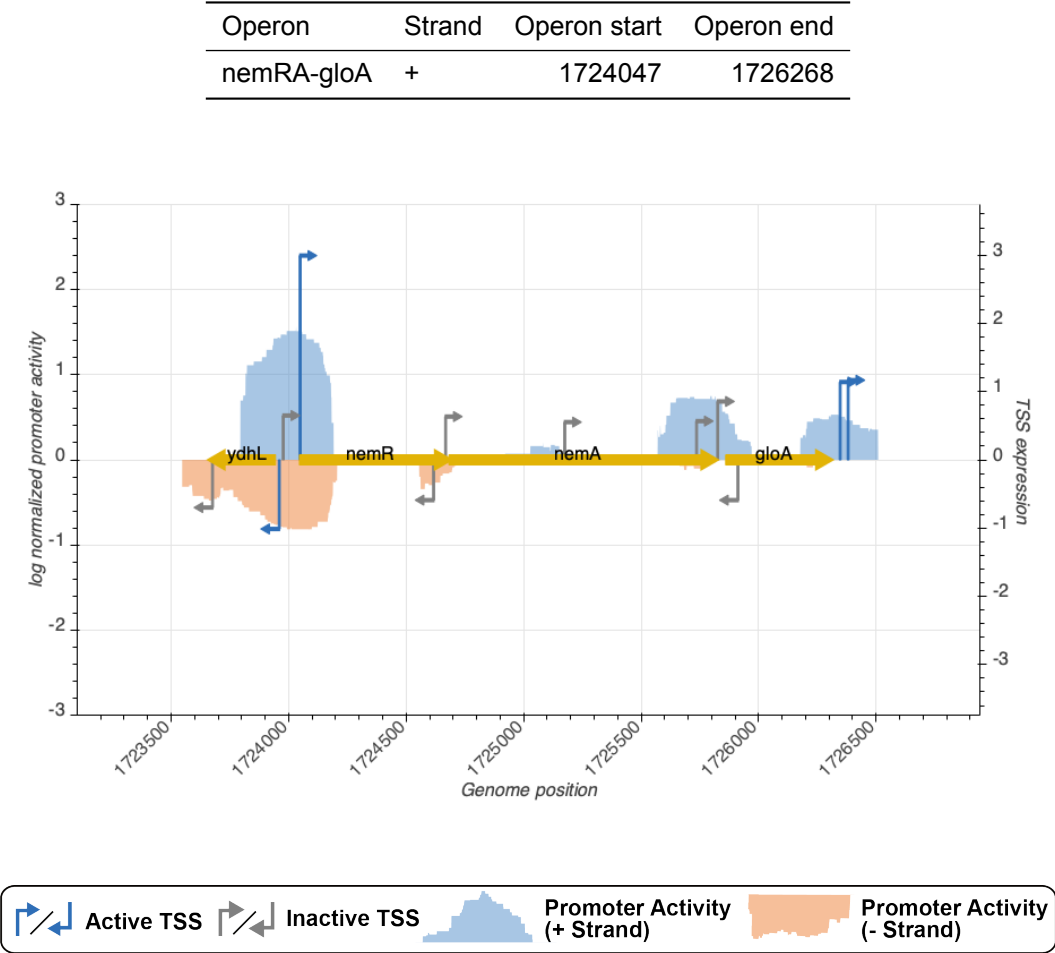


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_6615_regulondb	1723672	-	0.6990459	inactive
TSS_6617_storz	1723973	+	0.6488322	inactive
TSS_6616_regulondb	1723956	-	1.0125937	active
TSS_6618_regulondb	1724045	+	2.9924865	active

TSS Scanning Mutagenesis

