

Operon Promoter Landscape

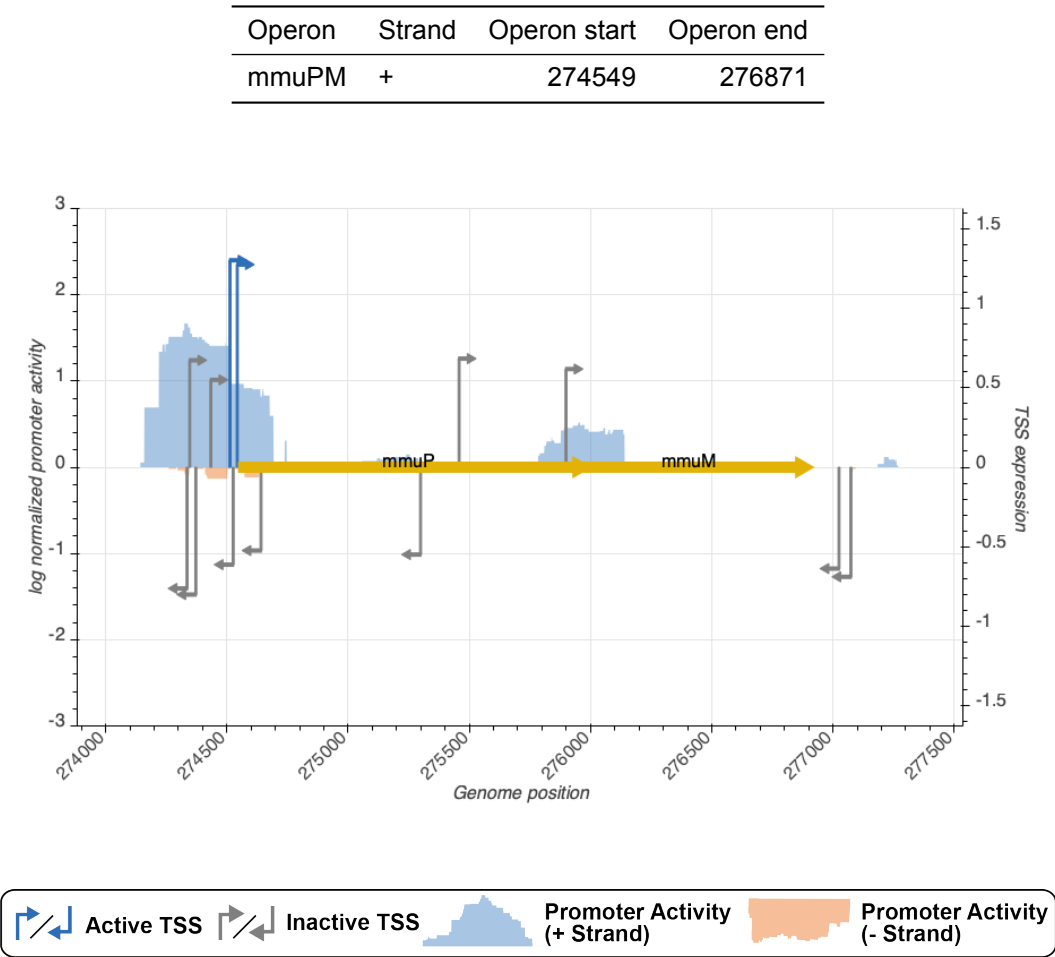


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_1173_storz	274368	-	0.8024896	inactive
TSS_1172_regulondb	274343	+	0.6742580	inactive
TSS_1177_regulondb	274539	+	1.2773845	active
TSS_1176_regulondb	274522	-	0.6139024	inactive
TSS_1175_regulondb	274509	+	1.3043211	active
TSS_1171_storz_regulondb	274332	-	0.7638980	inactive
TSS_1174_regulondb	274430	+	0.5504818	inactive

TSS Scanning Mutagenesis

