

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
ydgK-rsxABCDGE-nth	+	1703274	1710182

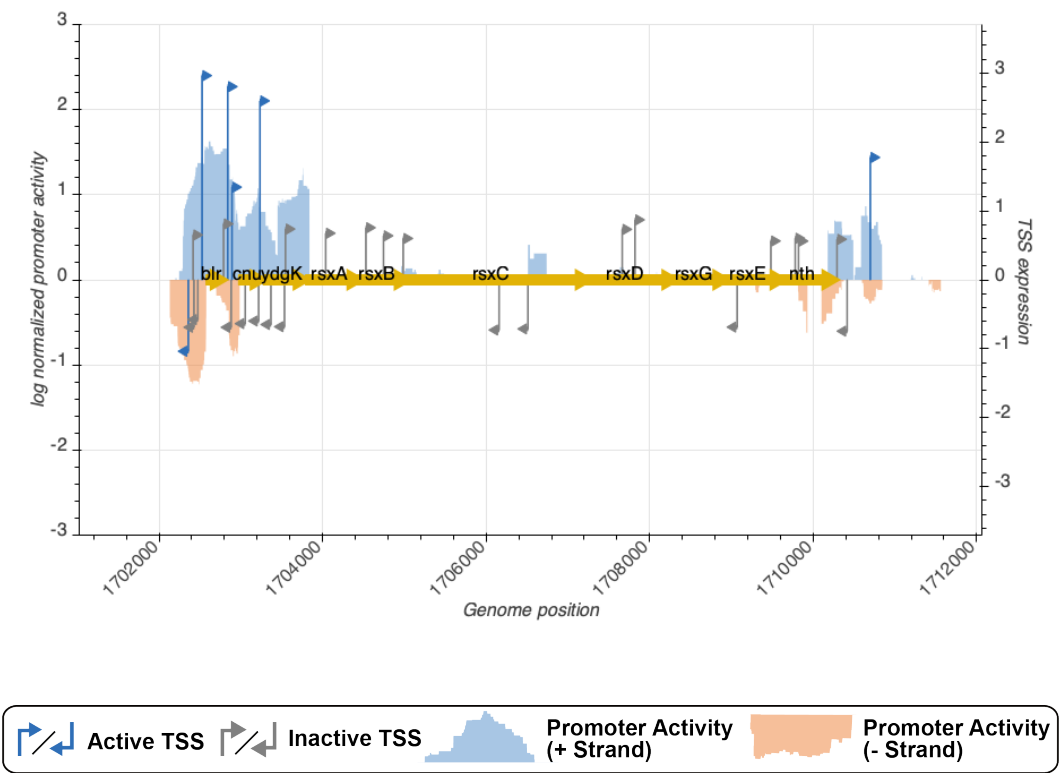


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_6542_storz	1703214	-	0.5969135	inactive
TSS_6543_storz_regulondb	1703230	+	2.5943707	active
TSS_6538_regulondb	1702836	+	2.8007859	active
TSS_6540_regulondb	1702888	+	1.3433431	active
TSS_6537_regulondb	1702785	+	0.8108171	inactive
TSS_6541_storz	1703050	-	0.6347011	inactive
TSS_6539_storz	1702878	-	0.6883984	inactive

TSS Scanning Mutagenesis

