

Operon Promoter Landscape

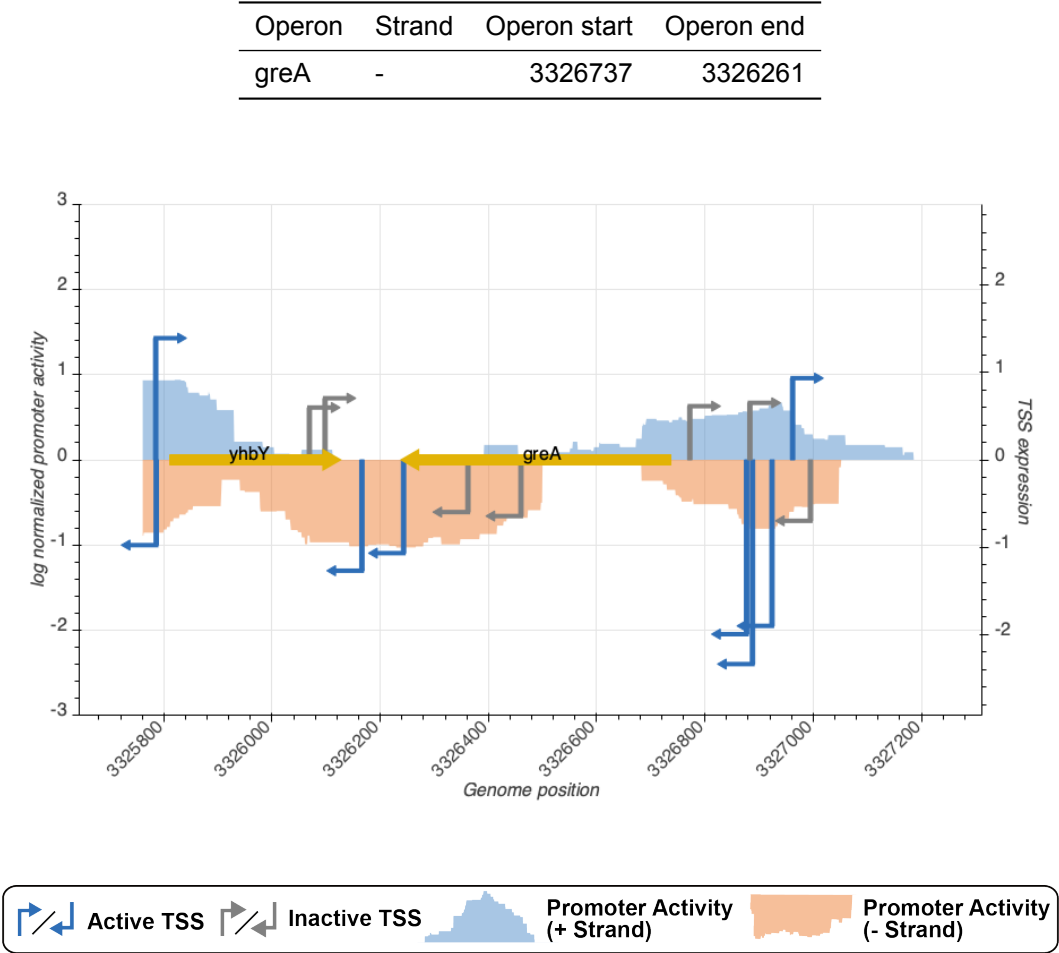


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_12658_wanner	3326873	-	1.9952979	active
TSS_12662_storz_regulondb	3326958	+	0.9345913	active
TSS_12657_storz	3326768	+	0.6139024	inactive
TSS_12663_storz	3326991	-	0.6979048	inactive
TSS_12660_storz	3326884	-	2.3378382	active
TSS_12661_storz	3326920	-	1.9010566	active
TSS_12659_regulondb	3326879	+	0.6524152	inactive

TSS Scanning Mutagenesis

