

Operon Promoter Landscape

Operon	Strand	Operon start	Operon end
atpIBEFHAGDC	-	3920463	3913576

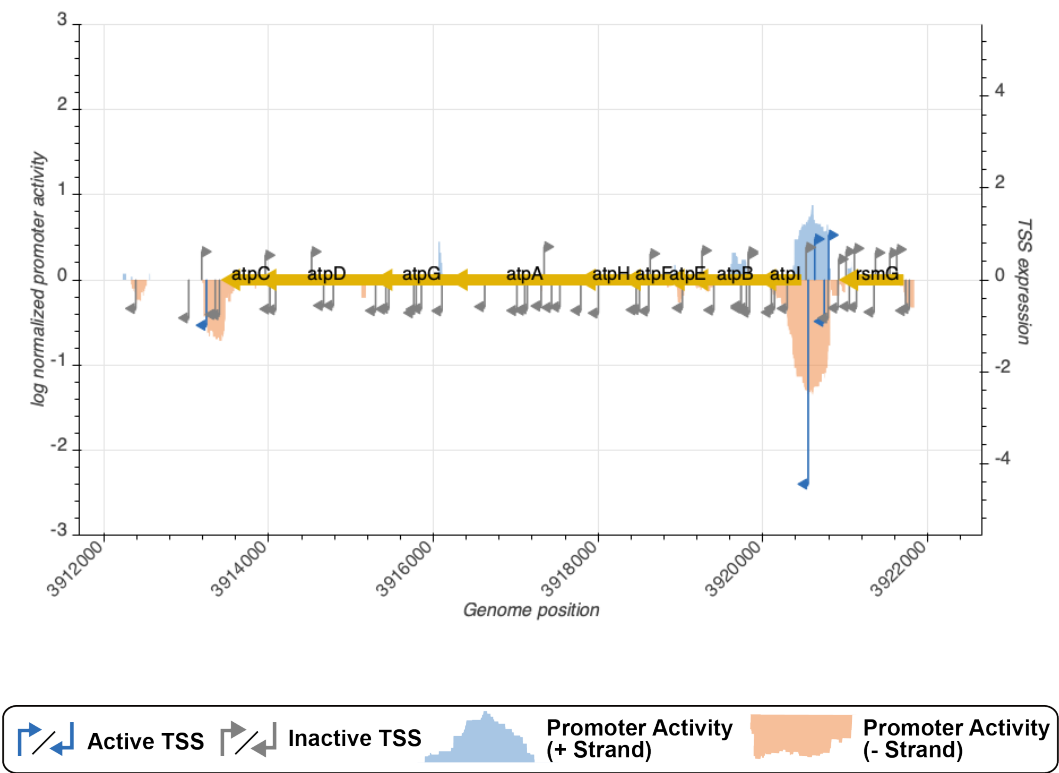


Figure 1: **Promoter activity in rich media (LB) surrounding query operon.** 17,767 previously reported TSSs were evaluated by measuring the promoter activity (right Y-axis) of the 150 bp surrounding the TSS (-120 to +30) to determine which were active or inactive. The genome-wide promoter activity (left 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_15202_storz	3920789	-	0.8322686	inactive
TSS_15204_storz	3920910	-	0.6146697	inactive
TSS_15201_storz	3920743	-	0.9048316	active
TSS_15199_wanner	3920547	-	4.4513679	active
TSS_15200_storz	3920627	+	0.8892138	active
TSS_15198_storz	3920522	+	0.7084786	inactive
TSS_15203_storz	3920796	+	0.9766954	active
TSS_15205_storz	3920918	+	0.4521286	inactive

TSS Scanning Mutagenesis

