

Operon	Strand	Operon start	Operon end
cysS	+	553834	555219

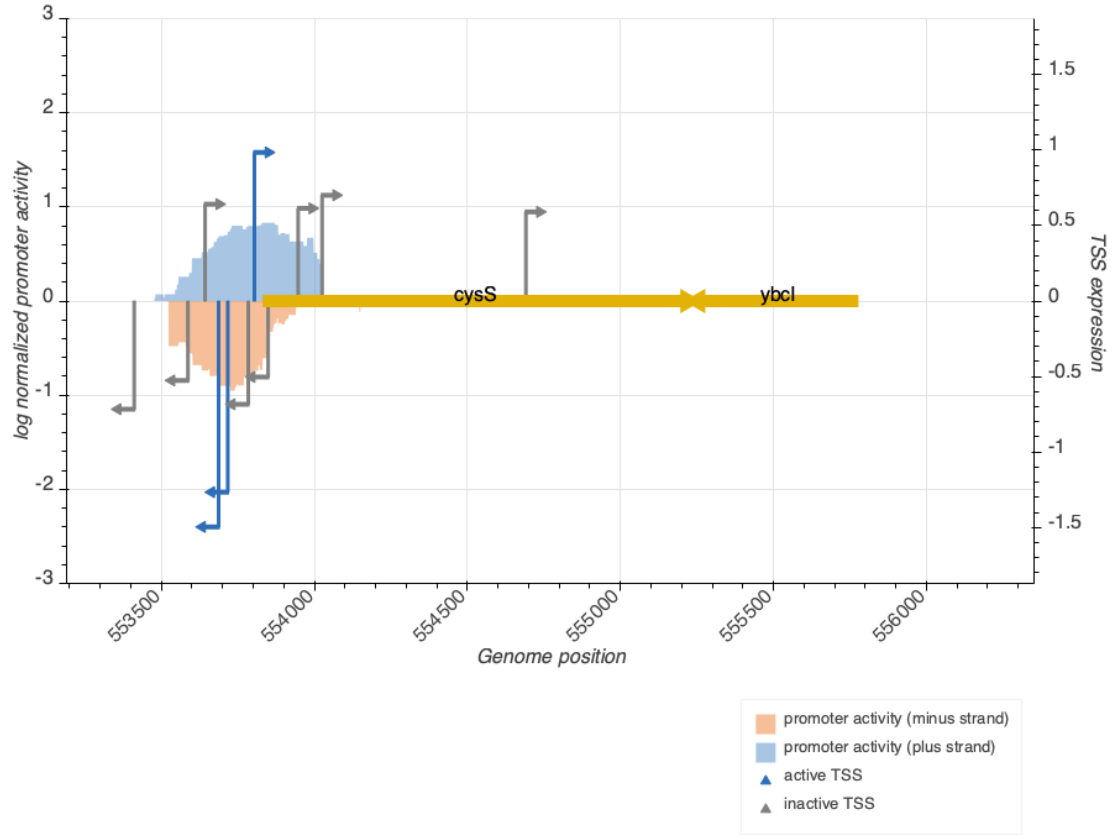


Figure 1: Figure 1: Promoter activity surrounding query operon.

TSS name	TSS position	Strand	TSS activity	Category
TSS_2120_storz	553639	+	0.6418270	inactive
TSS_2122_storz_regulondb	553713	-	1.2657421	active
TSS_2123_wanner	553780	-	0.6834017	inactive
TSS_2121_regulondb	553683	-	1.4960465	active
TSS_2124_storz_regulondb	553800	+	0.9844446	active
TSS_2118_storz	553407	-	0.7163261	inactive
TSS_2119_regulondb	553583	-	0.5262021	inactive

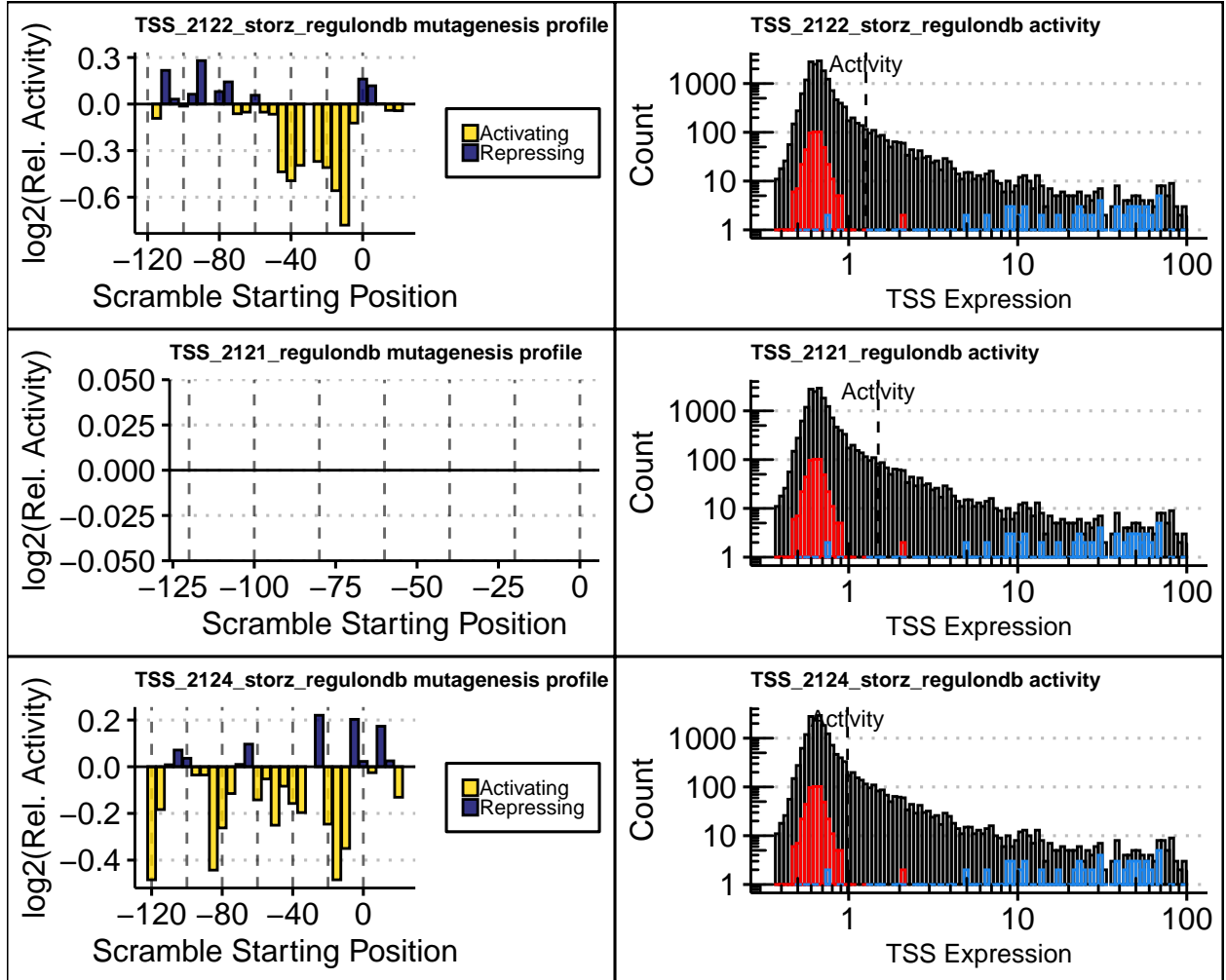


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.