Operon	Strand	Operon start	Operon end
livJ	-	3597681	3596578
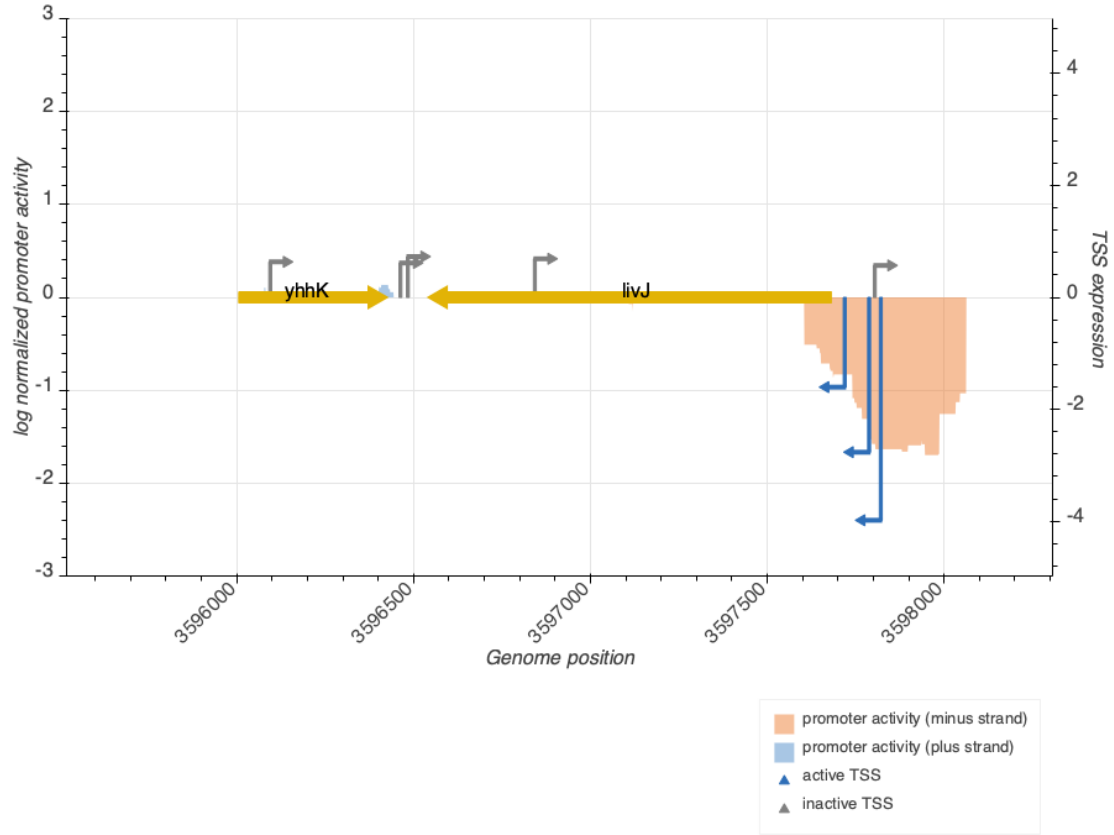
Figure 1: Figure 1: Promoter activity surrounding query operon.

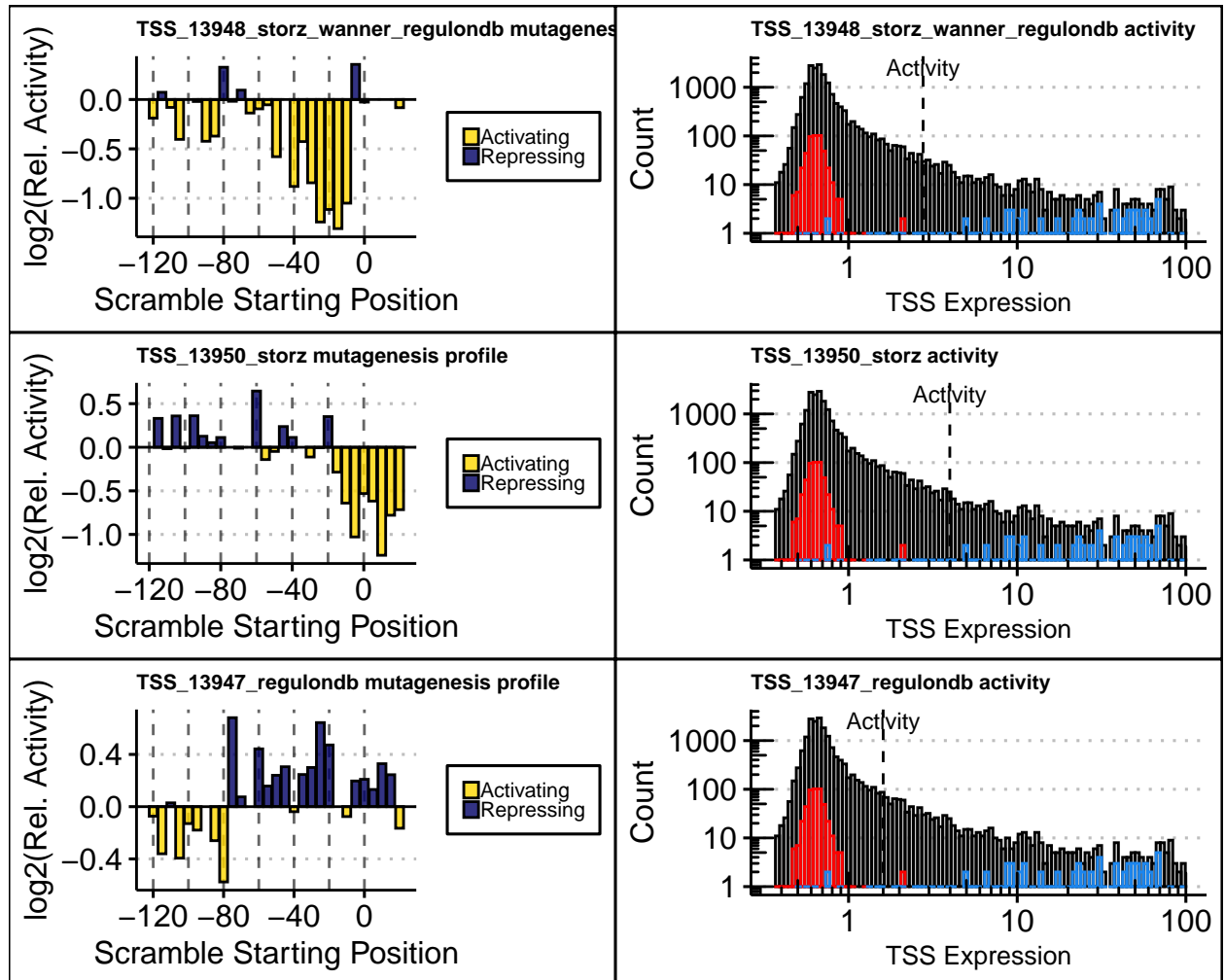| TSS name	TSS position	Strand	TSS activity	Category
TSS_13948_storz_wanner_regulondb	3597784	-	2.7665272	active
TSS_13950_storz	3597817	-	3.9829527	active
TSS_13949_storz	3597800	+	0.5698878	inactive
TSS_13947_regulondb	3597715	-	1.6038626	active

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.