

Operon	Strand	Operon start	Operon end
pepA	-	4483974	4482463

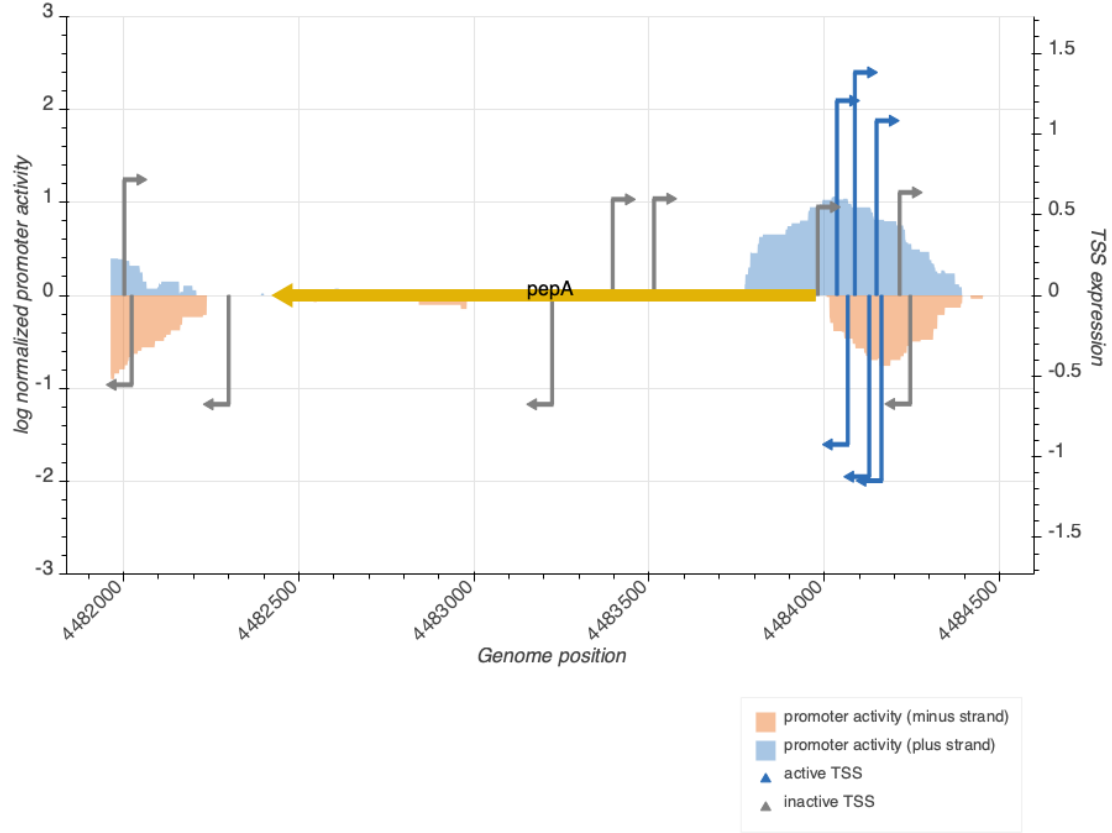


Figure 1: Figure 1: Promoter activity surrounding query operon.

TSS name	TSS position	Strand	TSS activity	Category
TSS_17540_regulondb	4484145	+	1.0817341	active
TSS_17536_storz	4484032	+	1.2057975	active
TSS_17538_storz	4484083	+	1.3809351	active
TSS_17543_storz	4484241	-	0.6728019	inactive
TSS_17541_storz	4484159	-	1.1481961	active
TSS_17539_regulondb	4484124	-	1.1234121	active
TSS_17535_storz	4483977	+	0.5468420	inactive
TSS_17542_regulondb	4484211	+	0.6373126	inactive
TSS_17537_regulondb	4484063	-	0.9237764	active

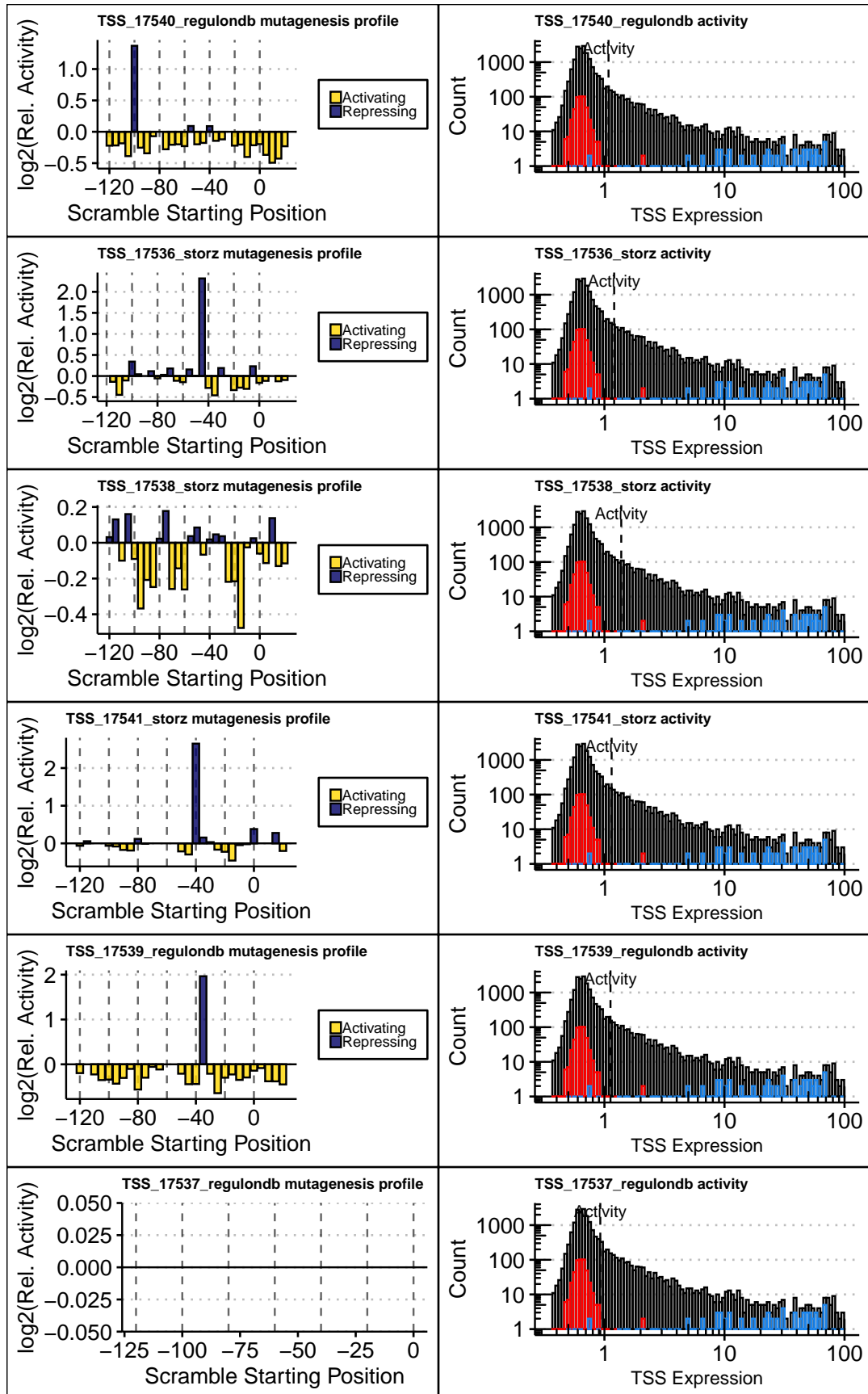


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.