Operon	Strand	Operon start	Operon end
nudE	-	3524171	3523611
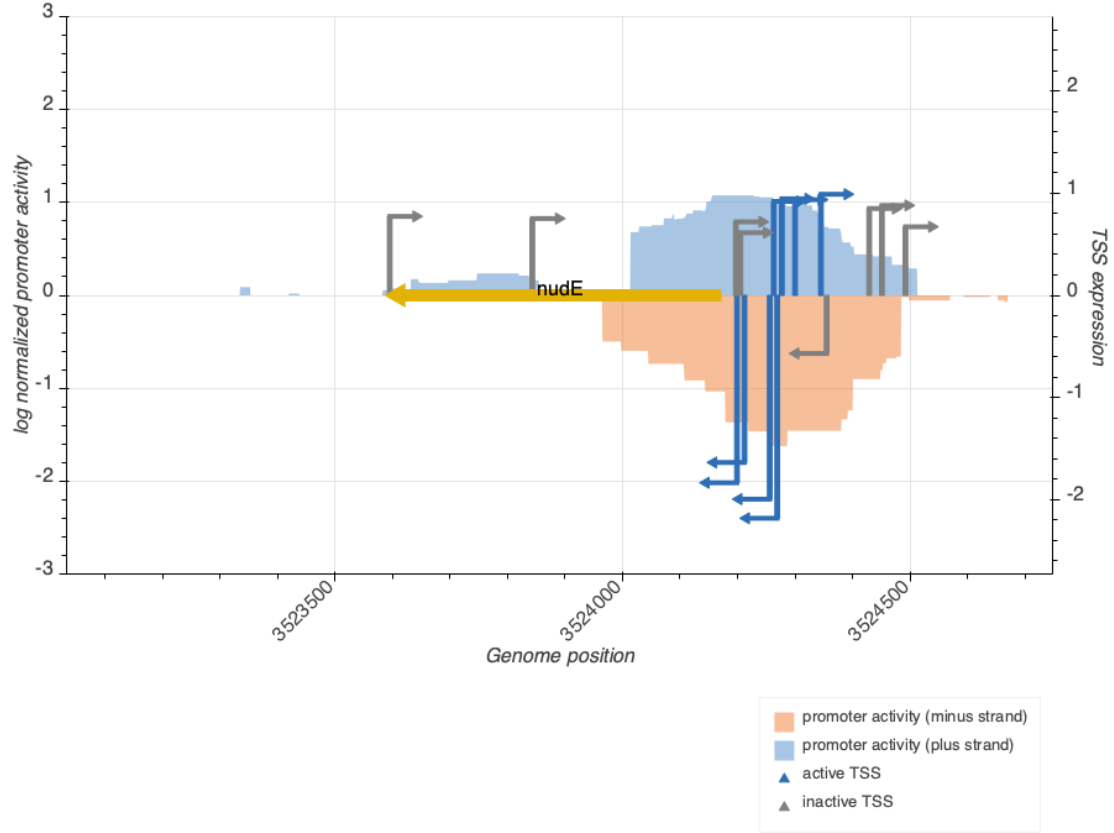
Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name	TSS position	Strand	TSS activity	Category
TSS_13631_storz	3524195	-	1.8379070	active
TSS_13633_regulondb	3524208	-	1.6388487	active
TSS_13632_storz	3524201	+	0.6143038	inactive
TSS_13637_storz	3524273	+	0.9463370	active
TSS_13634_storz	3524252	-	1.9983962	active
TSS_13640_regulondb	3524351	-	0.5698878	inactive
TSS_13630_storz	3524193	+	0.7203716	inactive
TSS_13639_regulondb	3524341	+	0.9914414	active
TSS_13641_regulondb	3524425	+	0.8510136	inactive
TSS_13635_storz	3524259	+	0.9208536	active
TSS_13642_regulondb	3524447	+	0.8814776	inactive
TSS_13636_storz_regulondb	3524265	-	2.1858292	active
TSS_13638_regulondb	3524296	+	0.9378425	active
TSS_13643_storz	3524488	+	0.6724295	inactive
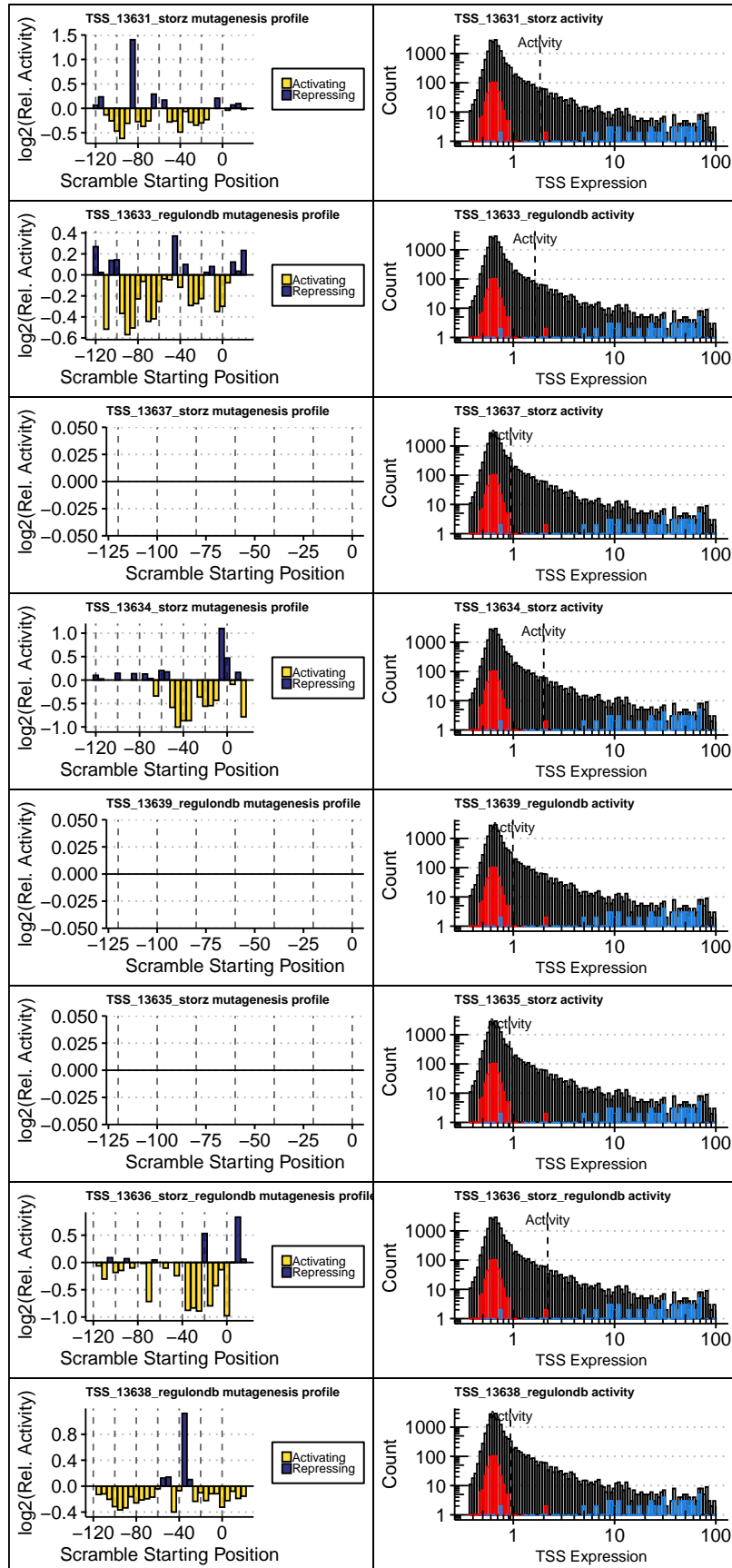
Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.