

Operon	Strand	Operon start	Operon end
ychE	+	1297821	1298468

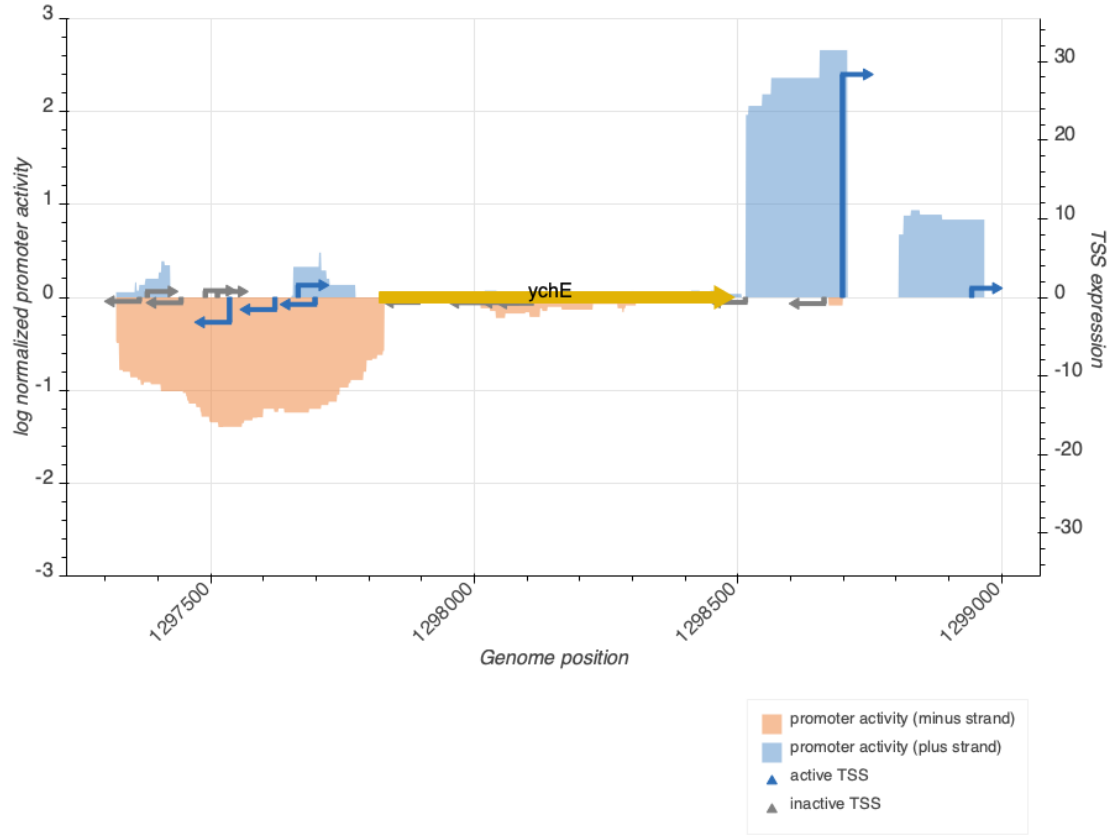


Figure 1: Figure 1: Promoter activity surrounding query operon.

TSS name	TSS position	Strand	TSS activity	Category
TSS_5083_storz	1297662	+	1.5425942	active
TSS_5084_storz	1297694	-	0.8990107	active
TSS_5077_storz	1297376	+	0.7435025	inactive
TSS_5080_storz	1297509	+	0.7362225	inactive
TSS_5076_regulondb	1297361	-	0.5124043	inactive
TSS_5078_regulondb	1297440	-	0.6909279	inactive
TSS_5079_storz	1297486	+	0.8449790	inactive
TSS_5082_storz	1297618	-	1.5475093	active
TSS_5081_storz_regulondb	1297532	-	3.1725826	active

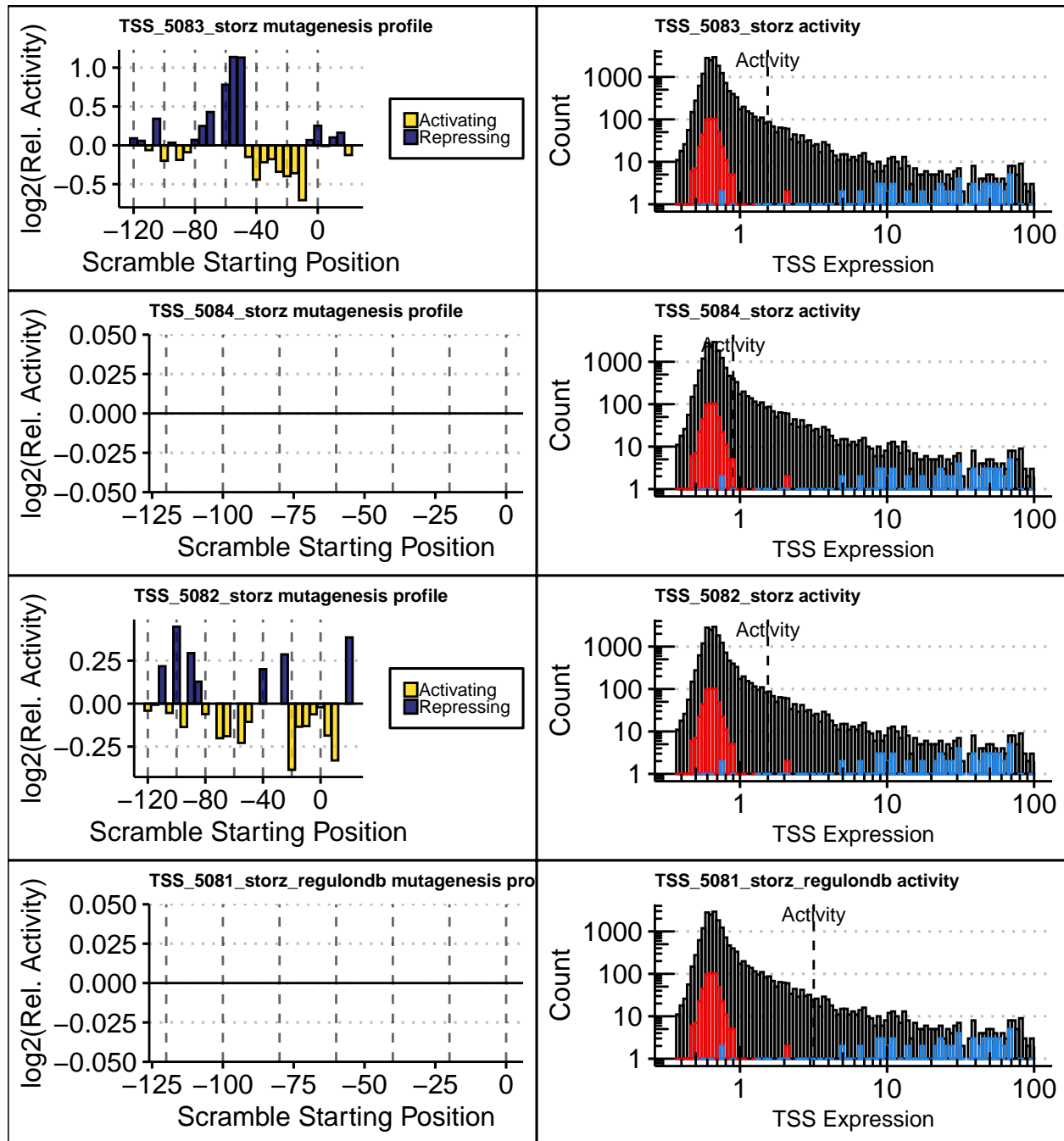


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.