

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| rne    | -      | 1143590      | 1140405    |

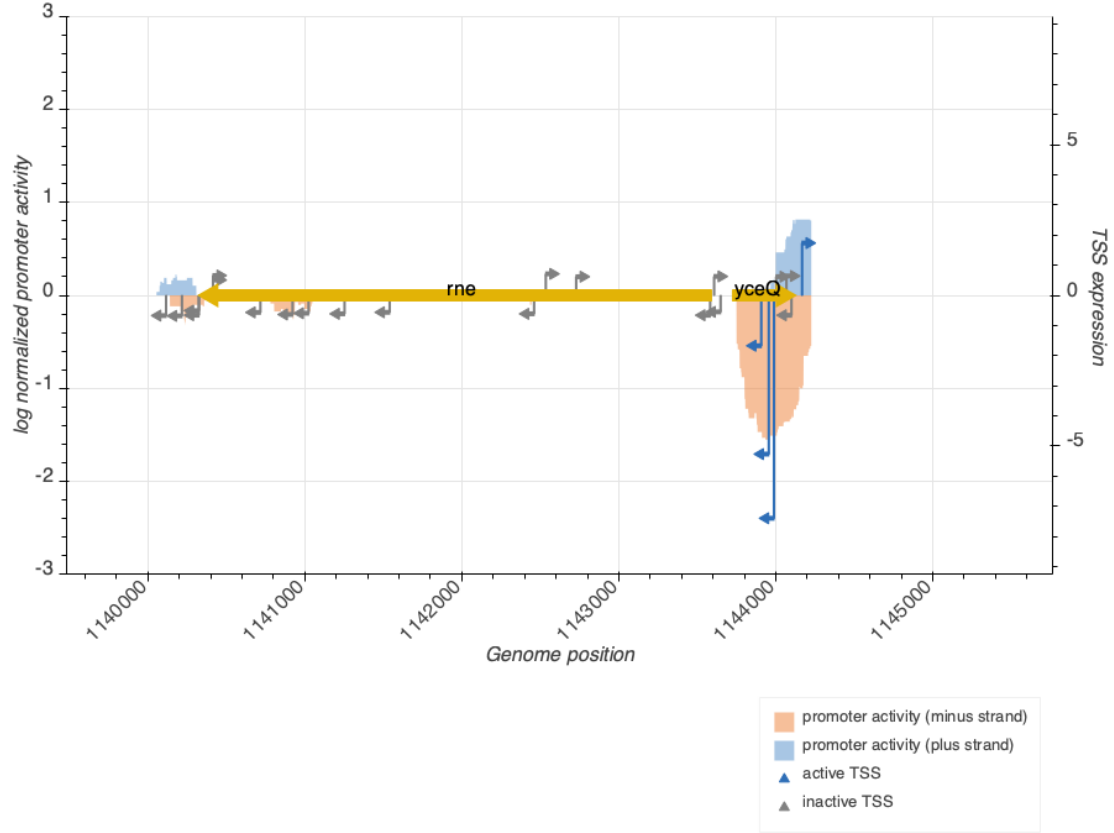


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                        | TSS position | Strand | TSS activity | Category |
|---------------------------------|--------------|--------|--------------|----------|
| TSS_4391_regulondb              | 1143603      | +      | 0.6285255    | inactive |
| TSS_4396_storz                  | 1143998      | +      | 0.6211446    | inactive |
| TSS_4392_regulondb              | 1143644      | -      | 0.5491144    | inactive |
| TSS_4397_wanner                 | 1144064      | +      | 0.6420447    | inactive |
| TSS_4393_regulondb              | 1143903      | -      | 1.6733949    | active   |
| TSS_4394_storz_wanner_regulondb | 1143951      | -      | 5.2702881    | active   |
| TSS_4395_wanner                 | 1143984      | -      | 7.4007378    | active   |

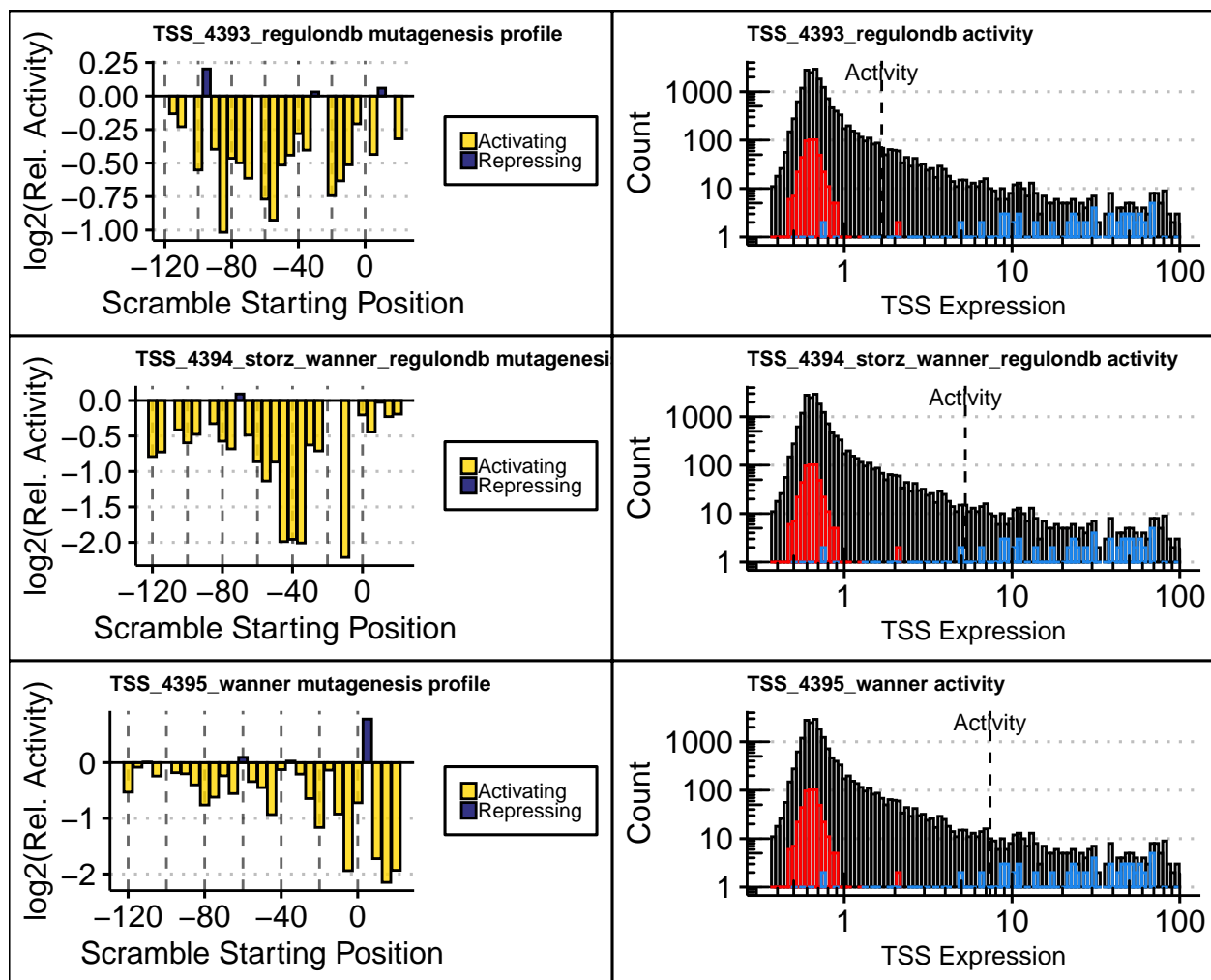


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.