

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| ynaE | - | 1432248 | 1432015 |

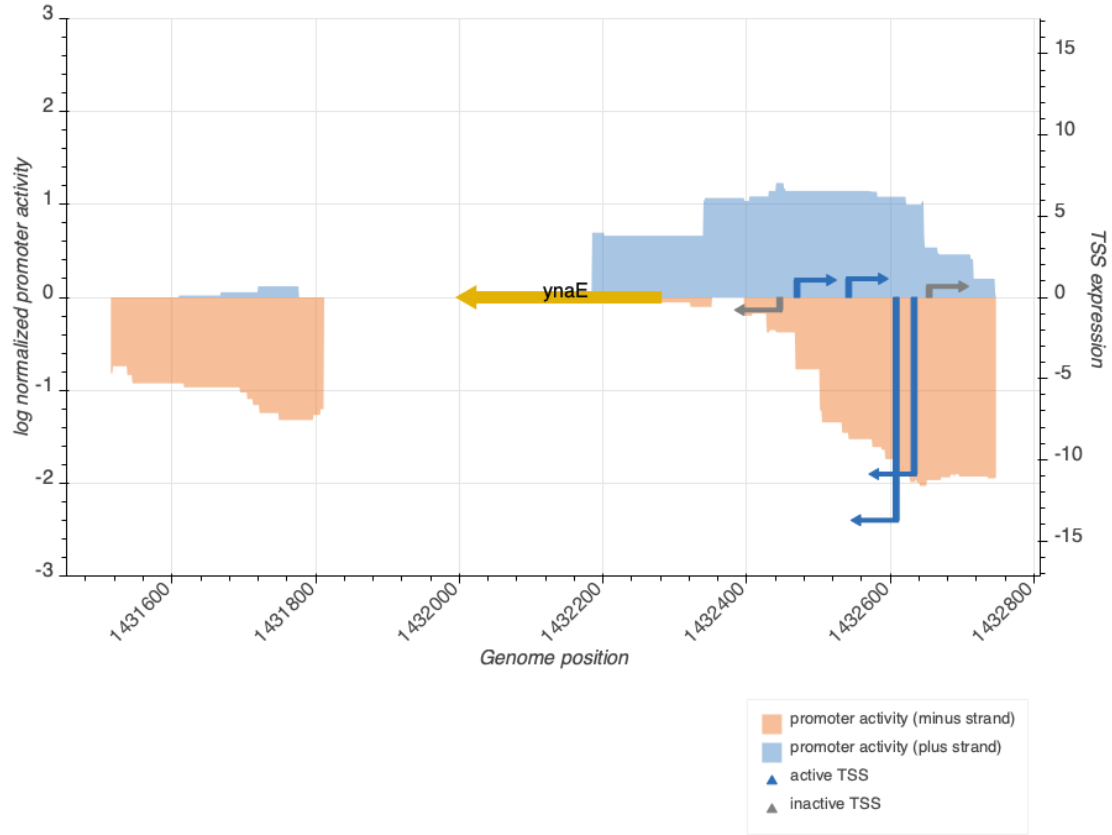


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name | TSS position | Strand | TSS activity | Category |
|--------------------|--------------|--------|--------------|----------|
| TSS_5599_regulondb | 1432604 | - | 13.7279962 | active |
| TSS_5598_storz | 1432538 | + | 1.1417093 | active |
| TSS_5601_regulondb | 1432650 | + | 0.6718212 | inactive |
| TSS_5597_storz | 1432466 | + | 1.0595465 | active |
| TSS_5600_storz | 1432629 | - | 10.8835457 | active |
| TSS_5596_regulondb | 1432442 | - | 0.7805151 | inactive |

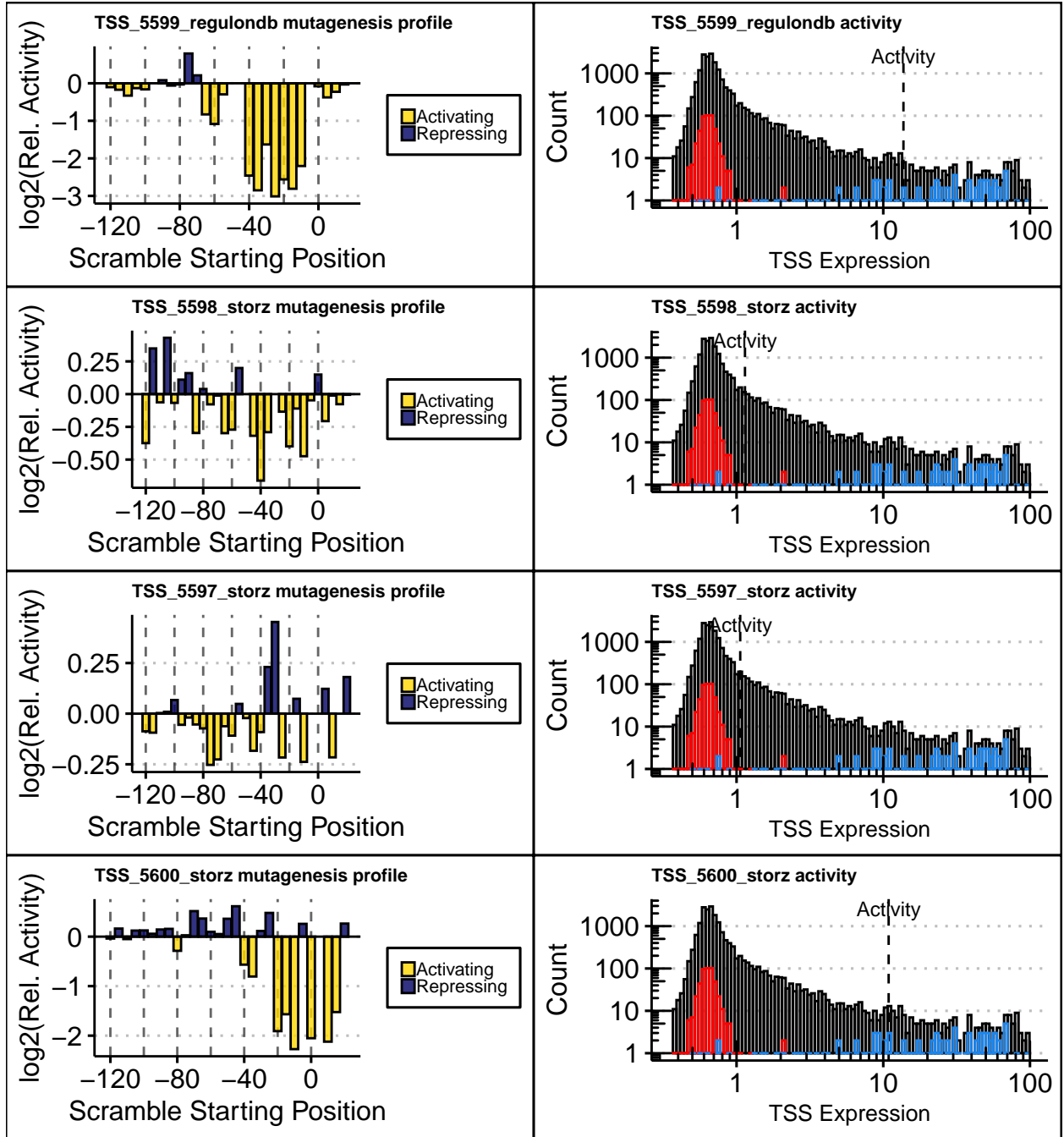


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.