| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| yajQ   | +      | 443907       | 444398     |

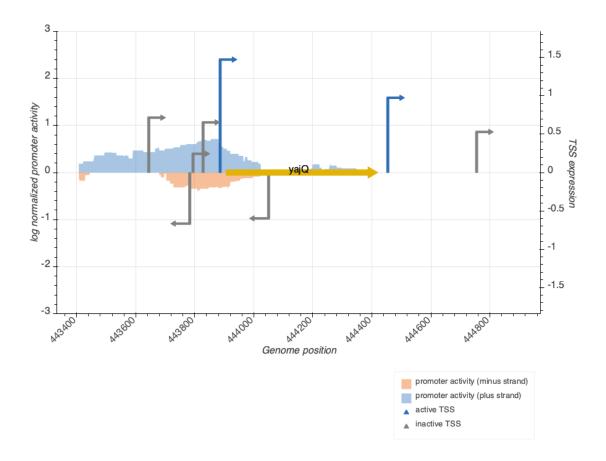


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                 | TSS position | Strand | TSS activity | Category |
|--------------------------|--------------|--------|--------------|----------|
| TSS_1762_storz           | 443790       | +      | 0.2446402    | inactive |
| $TSS_1761_{regulondb}$   | 443779       | -      | 0.6665188    | inactive |
| TSS_1764_storz_regulondb | 443882       | +      | 1.4740114    | active   |
| $TSS\_1760\_storz$       | 443640       | +      | 0.7158358    | inactive |
| $TSS\_1763\_regulondb$   | 443824       | +      | 0.6543558    | inactive |

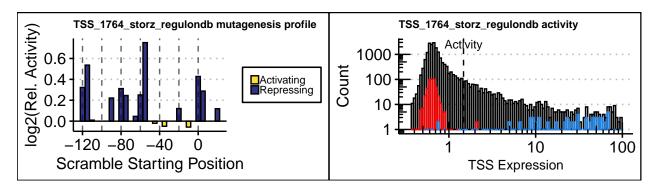


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.