

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| ynaI   | -      | 1393946      | 1392915    |

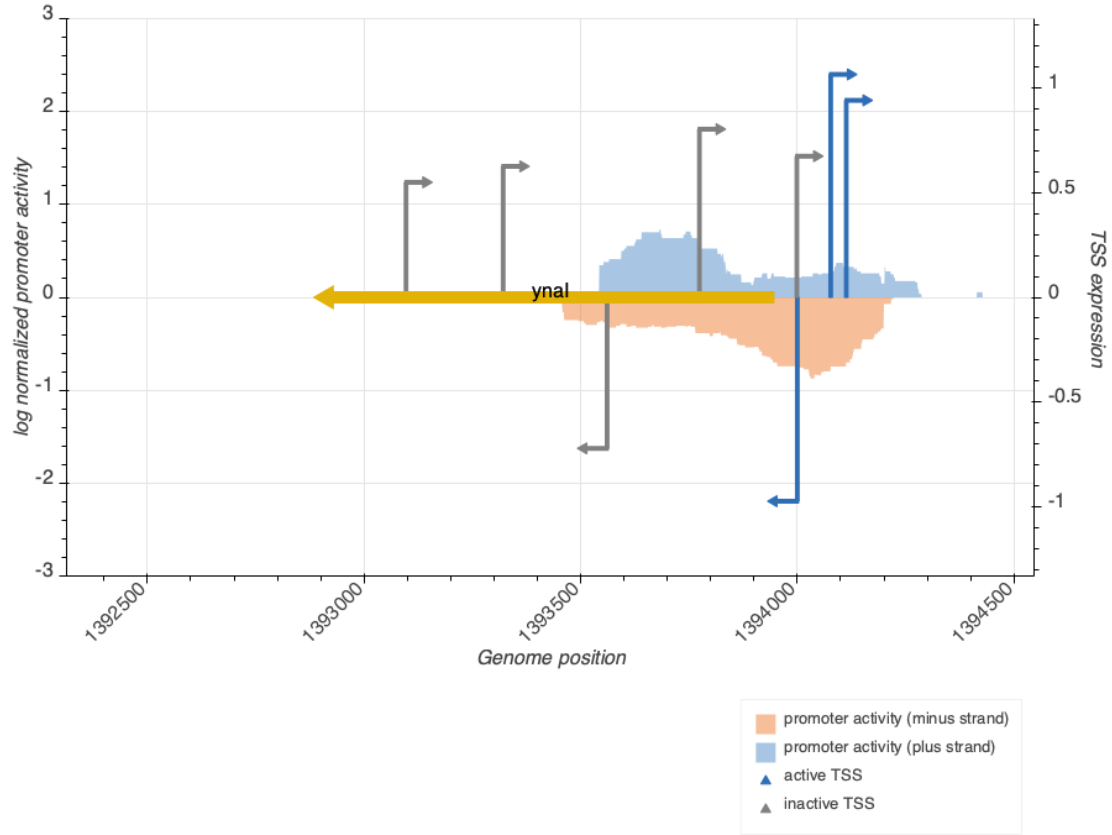


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                 | TSS position | Strand | TSS activity | Category |
|--------------------------|--------------|--------|--------------|----------|
| TSS_5462_storz           | 1394073      | +      | 1.0631208    | active   |
| TSS_5461_wanner          | 1393996      | -      | 0.9723431    | active   |
| TSS_5460_regulondb       | 1393995      | +      | 0.6731708    | inactive |
| TSS_5463_storz_regulondb | 1394109      | +      | 0.9395345    | active   |

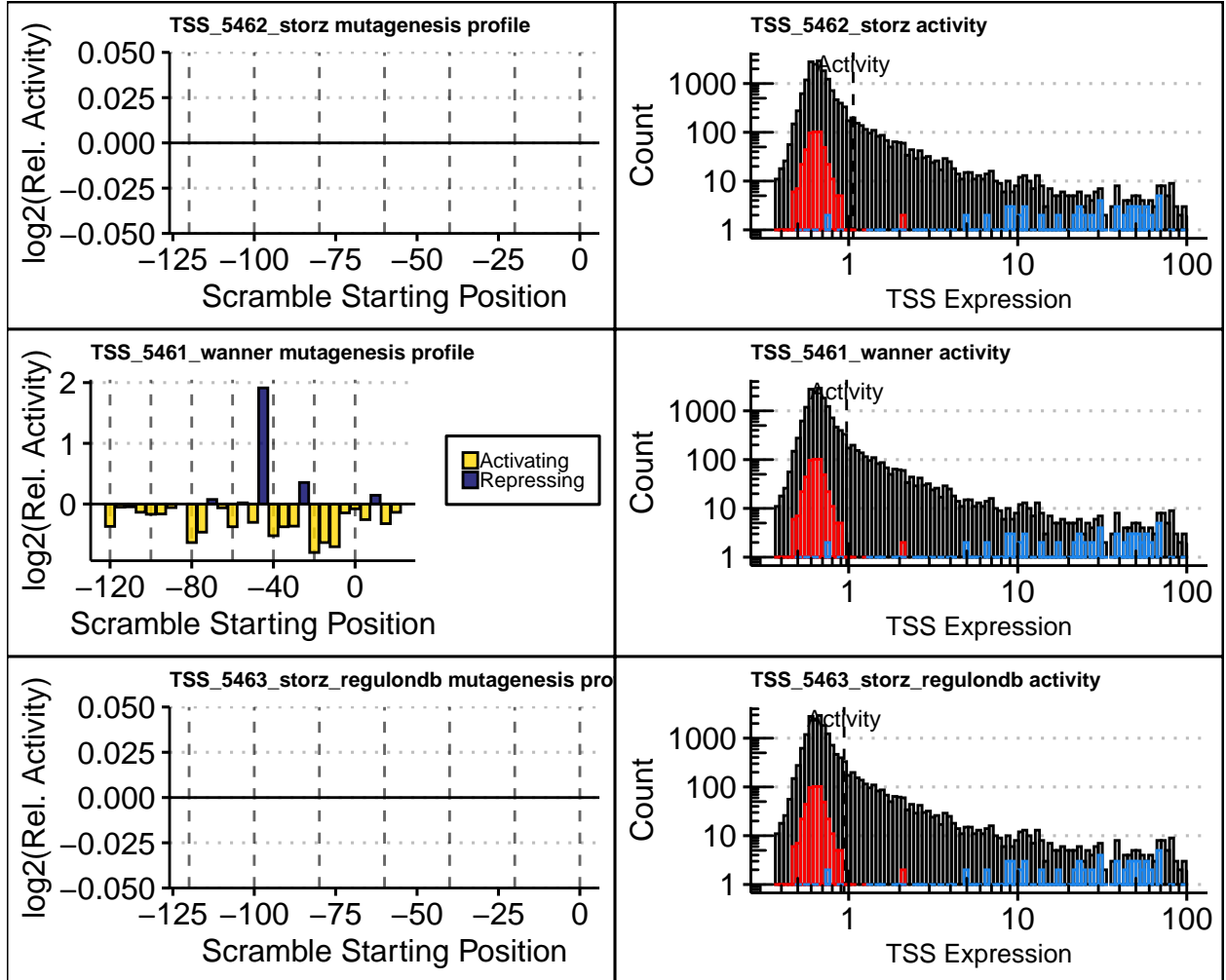


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.