

| Operon       | Strand | Operon start | Operon end |
|--------------|--------|--------------|------------|
| iaaA-gsiABCD | +      | 865791       | 872024     |

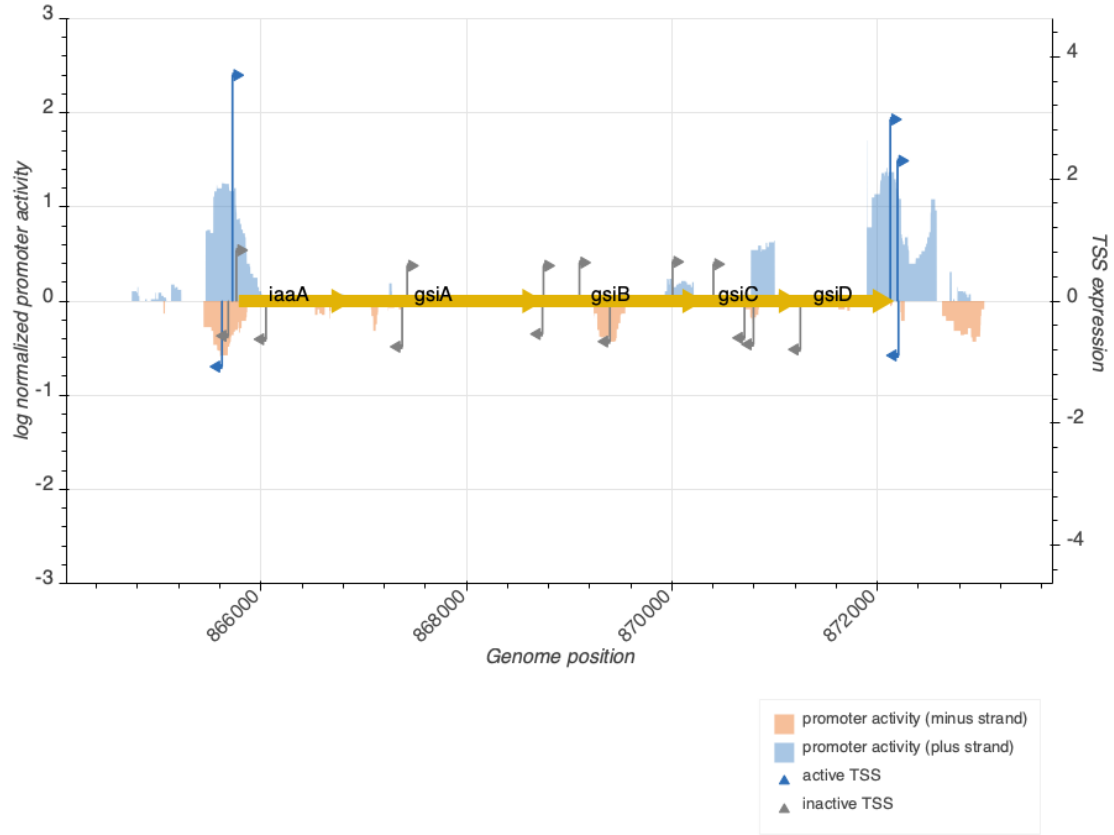


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                 | TSS position | Strand | TSS activity | Category |
|--------------------------|--------------|--------|--------------|----------|
| TSS_3313_storz_regulondb | 865617       | -      | 1.0737537    | active   |
| TSS_3316_wanner          | 865757       | +      | 0.8315126    | inactive |
| TSS_3314_wanner          | 865678       | -      | 0.5702167    | inactive |
| TSS_3315_storz           | 865719       | +      | 3.6986217    | active   |

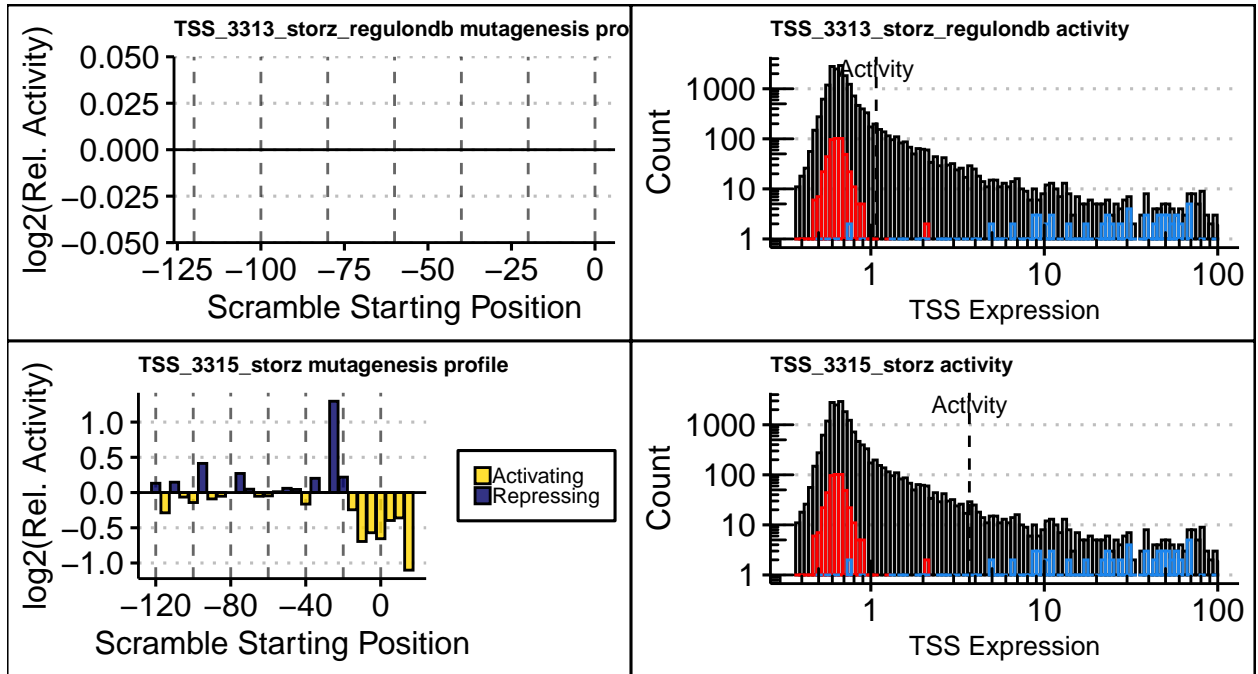


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.