

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| carAB  | +      | 29651        | 34038      |

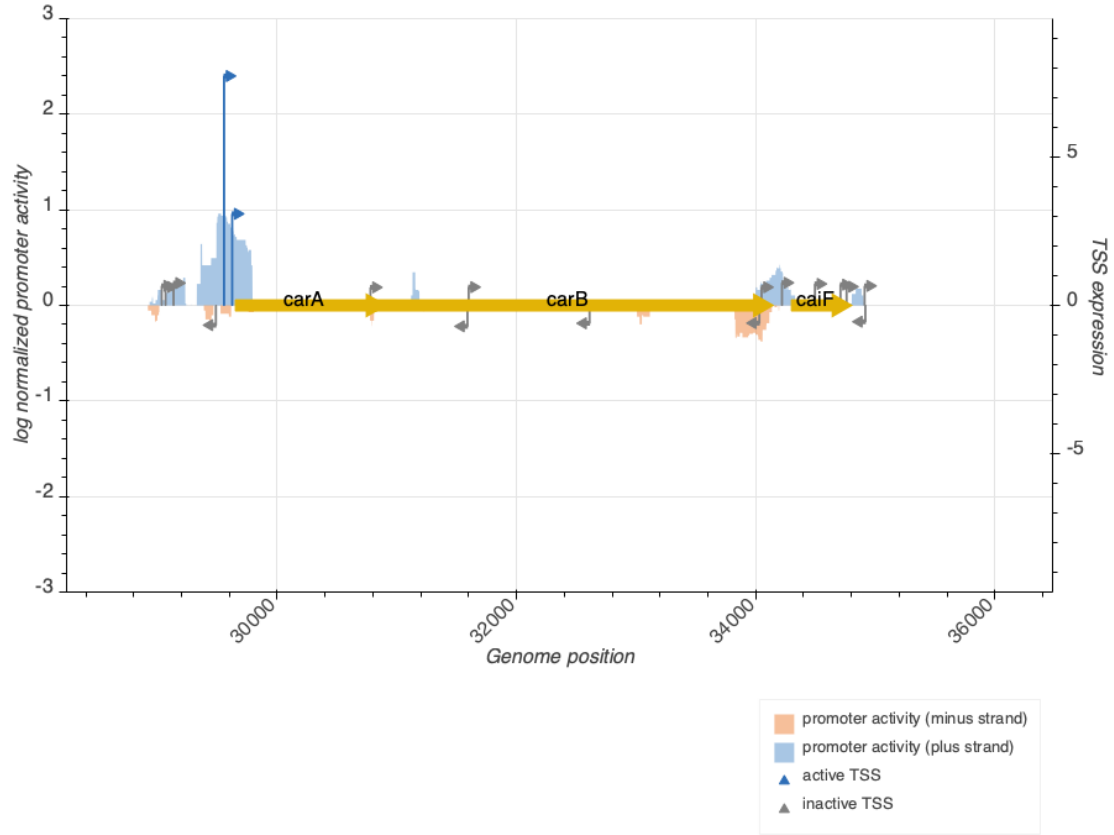


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                | TSS position | Strand | TSS activity | Category |
|-------------------------|--------------|--------|--------------|----------|
| TSS_158_storz           | 29483        | -      | 0.6652528    | inactive |
| TSS_159_storz_regulondb | 29551        | +      | 7.7156788    | active   |
| TSS_160_regulondb       | 29619        | +      | 3.0799149    | active   |

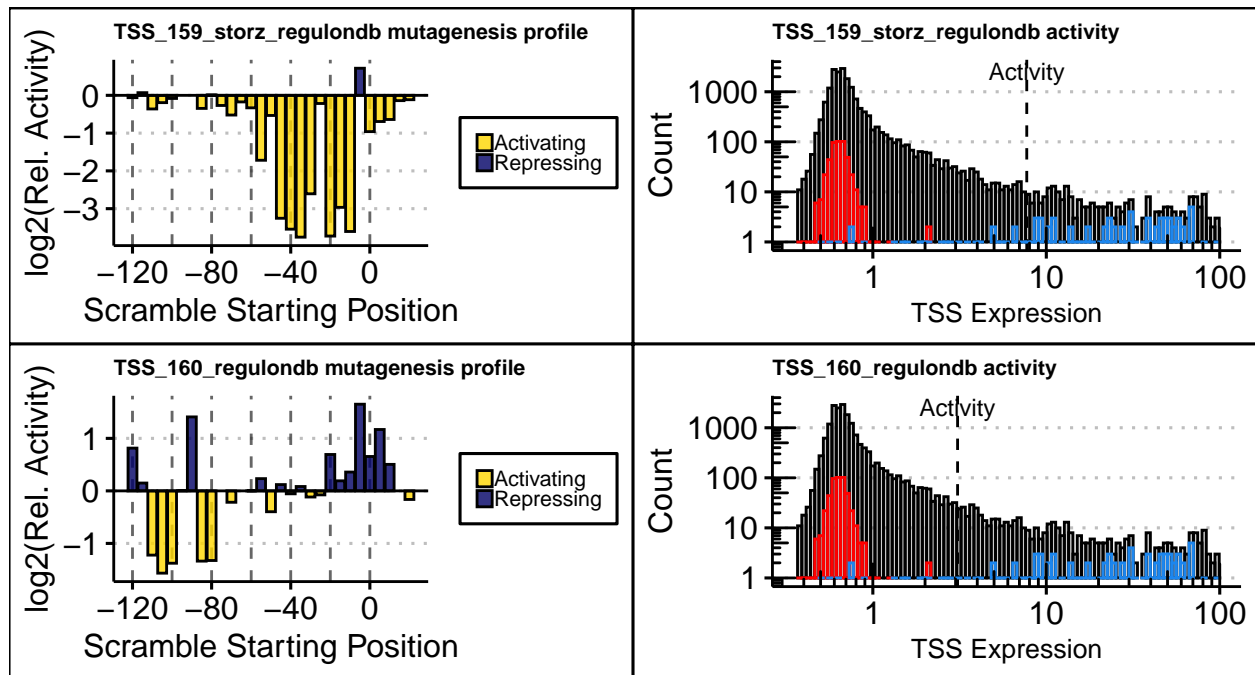


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.