

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| yfcE   | -      | 2417810      | 2417256    |

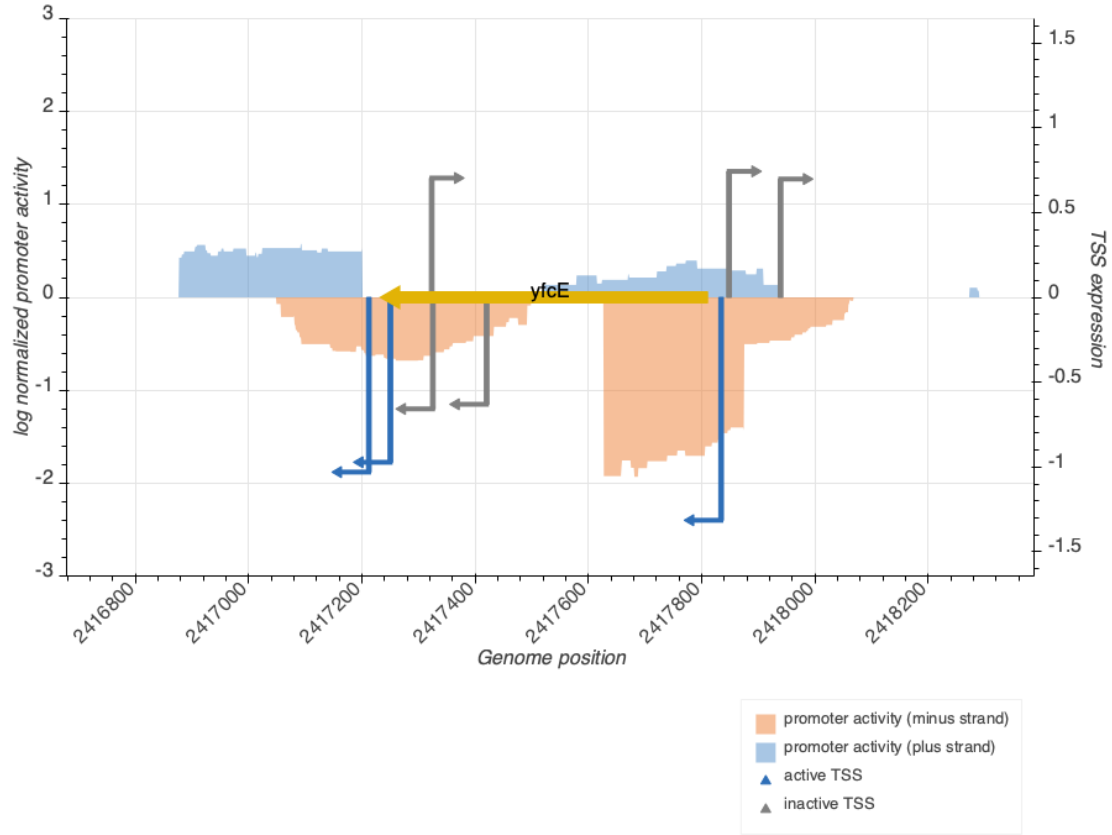


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name       | TSS position | Strand | TSS activity | Category |
|----------------|--------------|--------|--------------|----------|
| TSS_9139_storz | 2417844      | +      | 0.7426116    | inactive |
| TSS_9140_storz | 2417935      | +      | 0.6973025    | inactive |
| TSS_9138_storz | 2417830      | -      | 1.3139003    | active   |

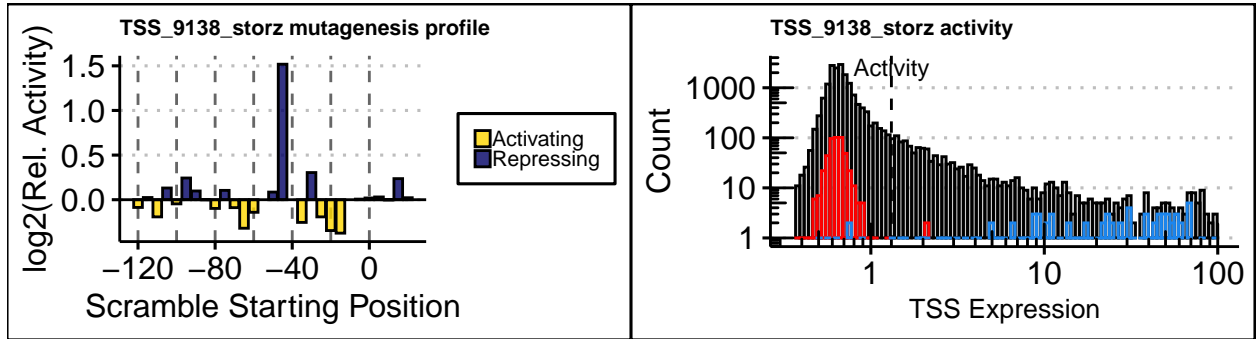


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.