| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| ubiEJB | +      | 4016878      | 4019889    |

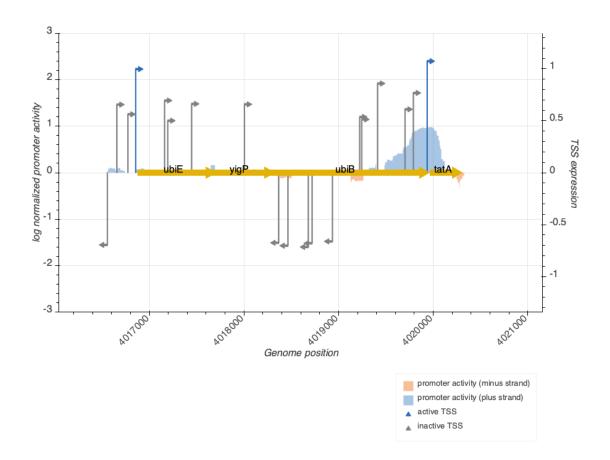


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name               | TSS position | Strand | TSS activity | Category |
|------------------------|--------------|--------|--------------|----------|
| TSS_15646_storz        | 4016553      | -      | 0.6961009    | inactive |
| $TSS\_15647\_storz$    | 4016653      | +      | 0.6558061    | inactive |
| $TSS_15648$ _regulondb | 4016770      | +      | 0.5625520    | inactive |
| $TSS\_15649$ _wanner   | 4016852      | +      | 0.9978791    | active   |

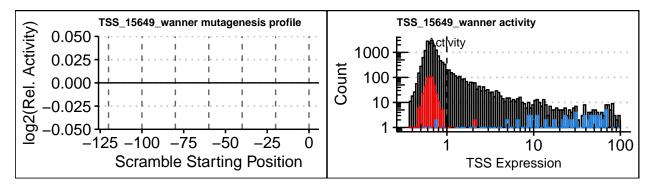


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.