| Operon | Strand | Operon start | Operon end |  |
|--------|--------|--------------|------------|--|
| fliDST | +      | 2001896      | 2004102    |  |

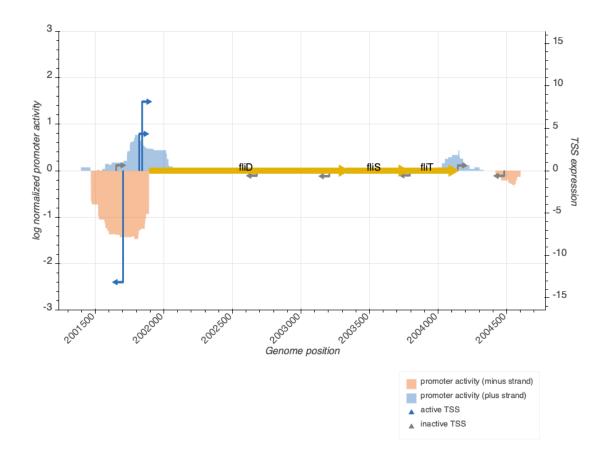


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                 | TSS position | Strand | TSS activity | Category |
|--------------------------|--------------|--------|--------------|----------|
| TSS_7687_storz           | 2001649      | +      | 0.6320285    | inactive |
| $TSS\_7689\_storz$       | 2001817      | +      | 4.3401031    | active   |
| TSS_7688_storz_regulondb | 2001699      | -      | 13.1453691   | active   |
| $TSS\_7690\_storz$       | 2001838      | +      | 8.1390507    | active   |

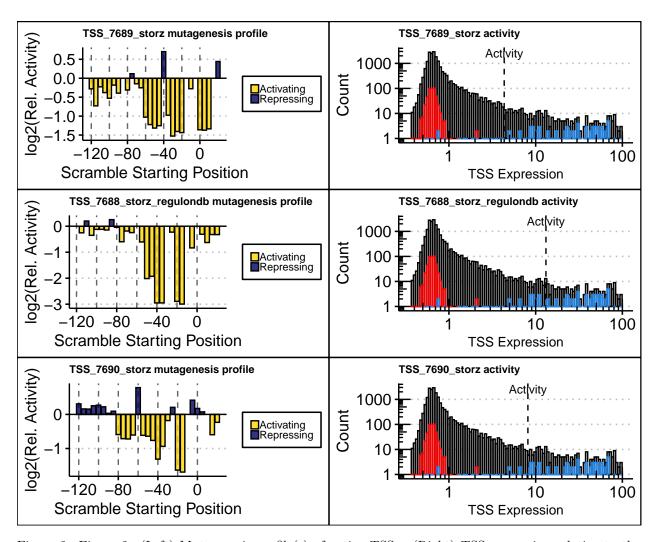


Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.