| Operon | Strand | Operon start | Operon end |  |
|--------|--------|--------------|------------|--|
| flk    | +      | 2435972      | 2436967    |  |

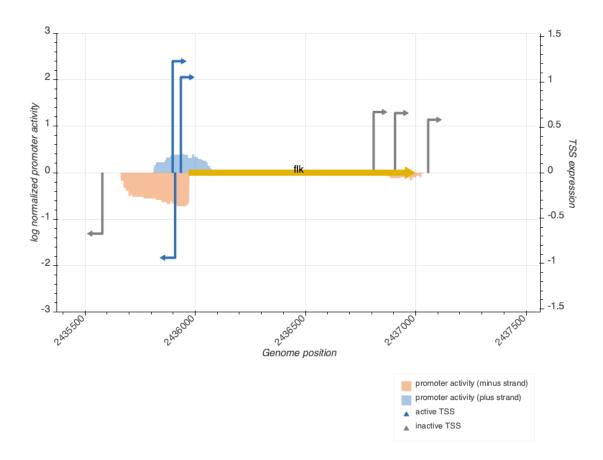


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                      | TSS position | Strand | TSS activity | Category |
|-------------------------------|--------------|--------|--------------|----------|
| TSS_9213_storz                | 2435575      | -      | 0.6711543    | inactive |
| $TSS\_9214\_storz$            | 2435894      | +      | 1.2278048    | active   |
| $TSS\_9216\_storz$            | 2435931      | +      | 1.0512167    | active   |
| $TSS\_9215\_storz\_regulondb$ | 2435905      | -      | 0.9370021    | active   |

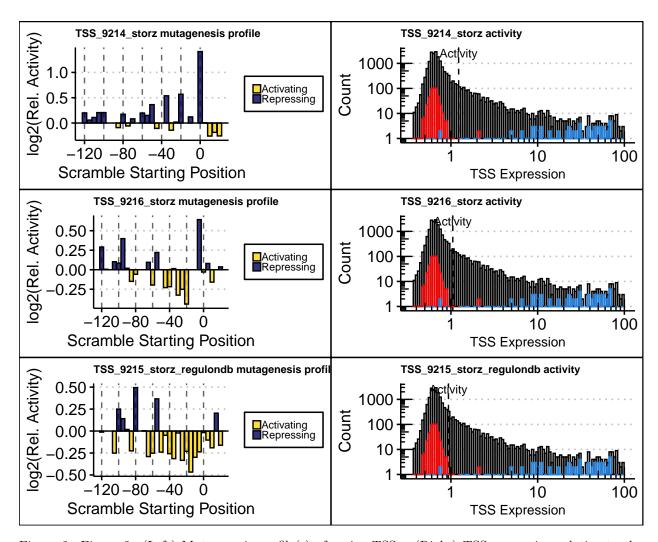


Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.