| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| fhuF   | -      | 4603686      | 4602898    |

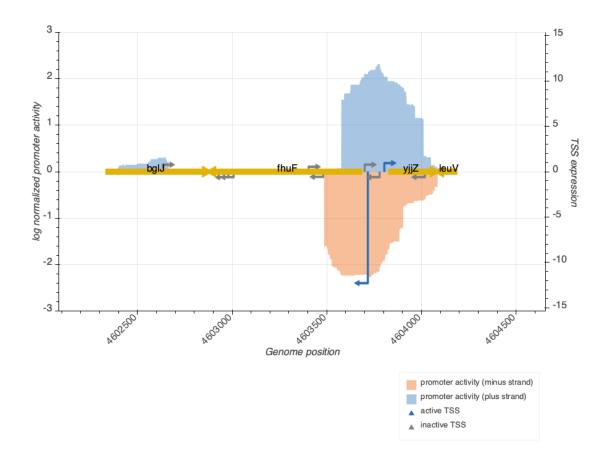


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                               | TSS position         | Strand | TSS activity           | Category             |
|----------------------------------------|----------------------|--------|------------------------|----------------------|
| TSS_17996_regulondb<br>TSS_17995_storz | $4603775 \\ 4603713$ | -      | 0.6042742 $12.2755779$ | inactive<br>active   |
| TSS_17994_storz                        | 4603696<br>4604014   | +      | 0.7784983<br>0.5980369 | inactive<br>inactive |
| TSS_17998_storz<br>TSS_17997_regulondb | 4603800              | +      | 0.9434364              | active               |

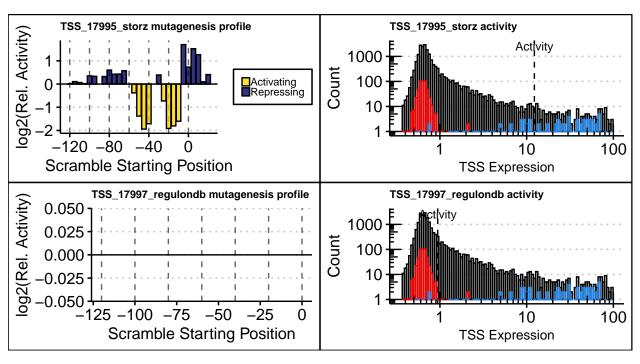


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.