| Operon | Strand | Operon start | Operon end |
|---------------------|--------|--------------|------------|
| rpoZ-spoT-trmH-recG | + | 3820129 | 3825314 |

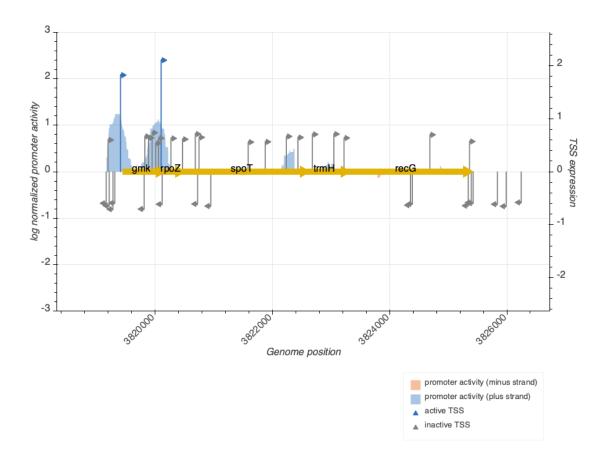


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name | TSS position | Strand | TSS activity | Category |
|---------------------------|--------------|--------|--------------|----------|
| TSS_14811_storz | 3819810 | = | 0.7048114 | inactive |
| TSS_14818_wanner | 3820118 | - | 0.6139024 | inactive |
| TSS_14812_storz | 3819822 | + | 0.6662798 | inactive |
| TSS_14813_regulondb | 3819884 | + | 0.6383318 | inactive |
| $TSS_14817_{regulondb}$ | 3820100 | + | 2.1037588 | active |
| $TSS_14815_{regulondb}$ | 3820008 | + | 0.5368769 | inactive |
| $TSS_14816_{regulondb}$ | 3820057 | + | 0.6321431 | inactive |
| TSS_14814_storz_regulondb | 3819946 | + | 0.7346137 | inactive |

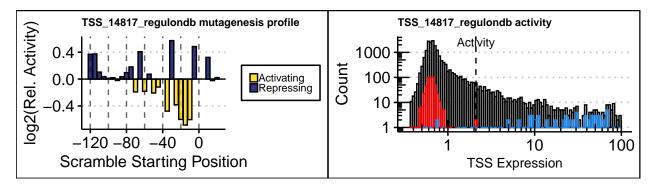


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the nth-ydgR intergenic locus for quantification.