

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| xanP | + | 3826968 | 3828359 |

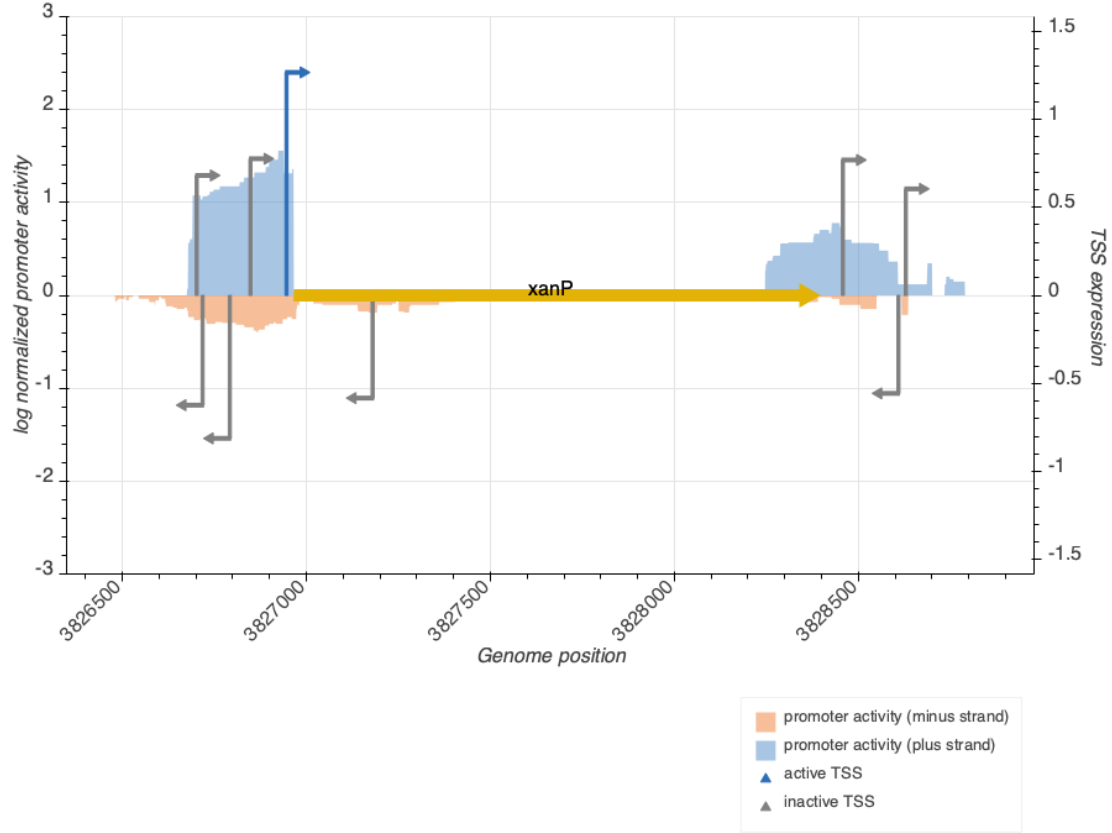


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name | TSS position | Strand | TSS activity | Category |
|---------------------------|--------------|--------|--------------|----------|
| TSS_14843_storz | 3826698 | + | 0.6802152 | inactive |
| TSS_14845_storz_regulondb | 3826788 | - | 0.8116392 | inactive |
| TSS_14844_regulondb | 3826714 | - | 0.6231282 | inactive |
| TSS_14847_regulondb | 3826942 | + | 1.2648363 | active |
| TSS_14846_regulondb | 3826844 | + | 0.7749098 | inactive |

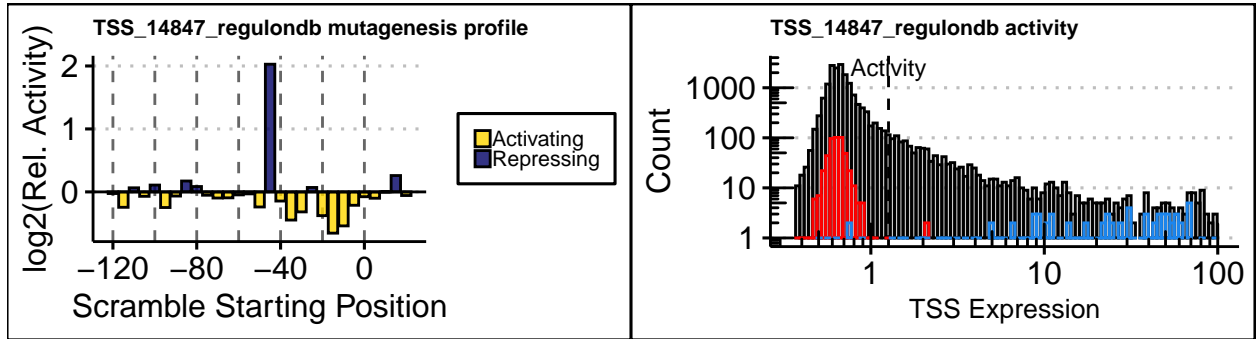


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.