

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| aspS | - | 1948546 | 1946774 |

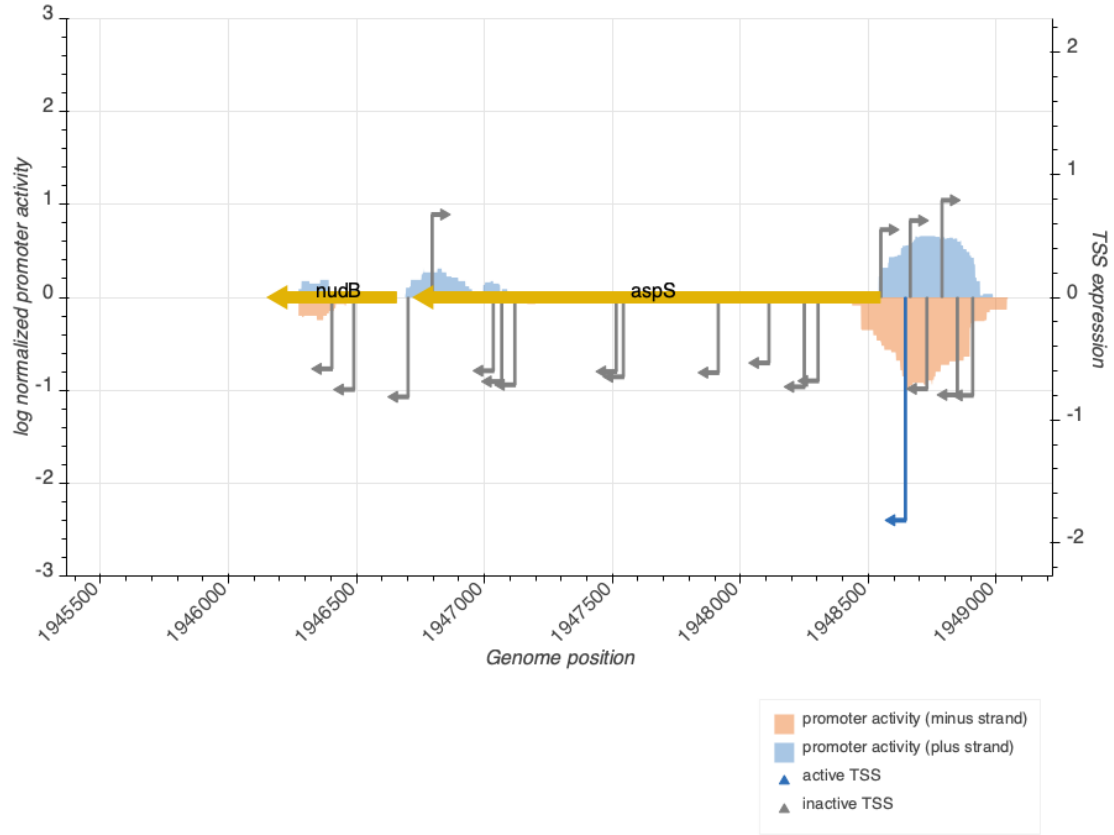


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name | TSS position | Strand | TSS activity | Category |
|--------------------------|--------------|--------|--------------|----------|
| TSS_7504_storz | 1948904 | - | 0.7994852 | inactive |
| TSS_7500_regulondb | 1948660 | + | 0.6257525 | inactive |
| TSS_7503_wanner | 1948844 | - | 0.7951228 | inactive |
| TSS_7501_regulondb | 1948725 | - | 0.7460921 | inactive |
| TSS_7499_storz_regulondb | 1948641 | - | 1.8175651 | active |
| TSS_7502_regulondb | 1948784 | + | 0.7914766 | inactive |

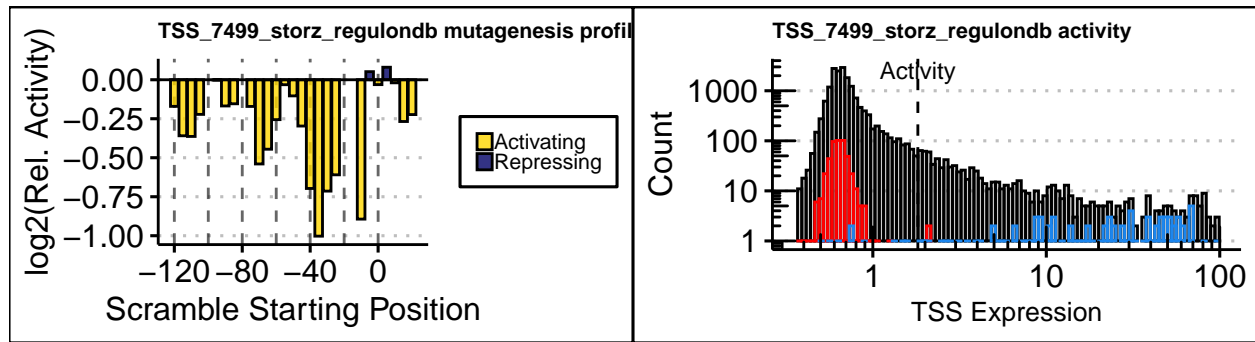


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.