

| Operon | Strand | Operon start | Operon end |
|-------------|--------|--------------|------------|
| nagBAC-umpH | - | 702834 | 698797 |

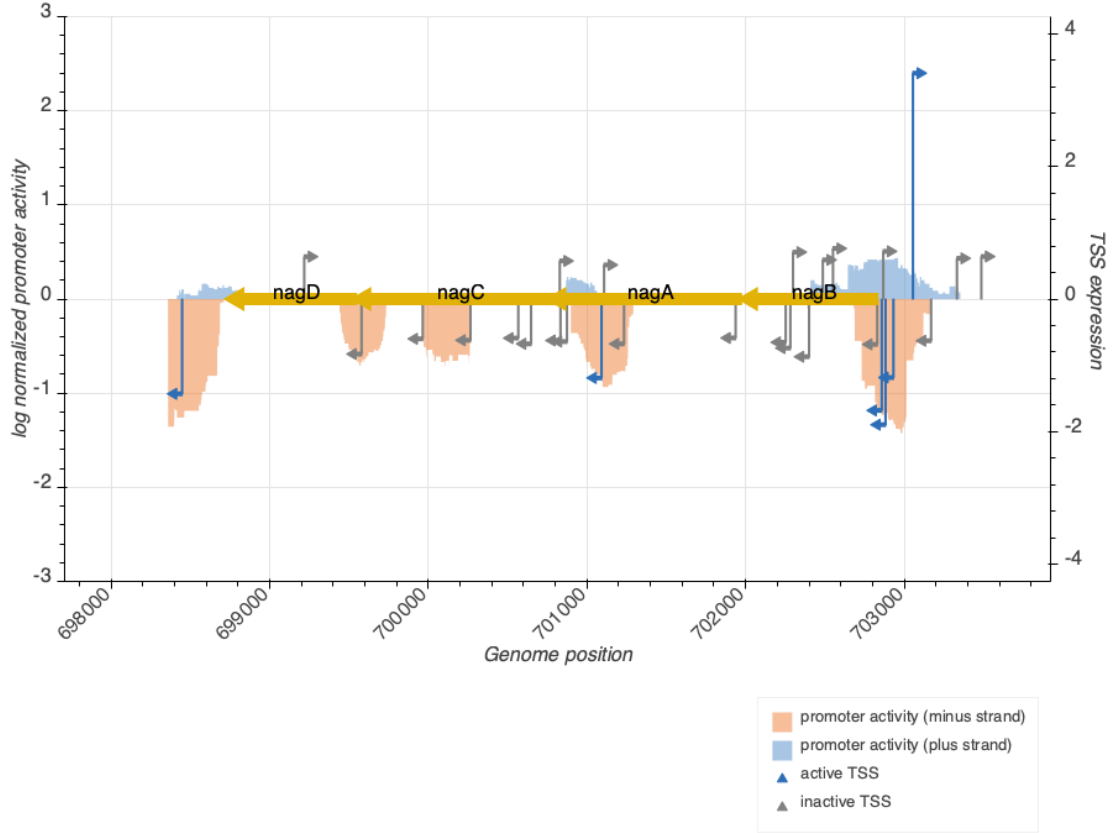


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name | TSS position | Strand | TSS activity | Category |
|--------------------|--------------|--------|--------------|----------|
| TSS_2720_regulondb | 703051 | + | 3.4055730 | active |
| TSS_2716_regulondb | 702854 | - | 1.6796407 | active |
| TSS_2722_storz | 703328 | + | 0.6139024 | inactive |
| TSS_2717_storz | 702864 | + | 0.7192086 | inactive |
| TSS_2719_wanner | 702928 | - | 1.1833064 | active |
| TSS_2718_regulondb | 702878 | - | 1.8944963 | active |
| TSS_2721_storz | 703165 | - | 0.6287430 | inactive |

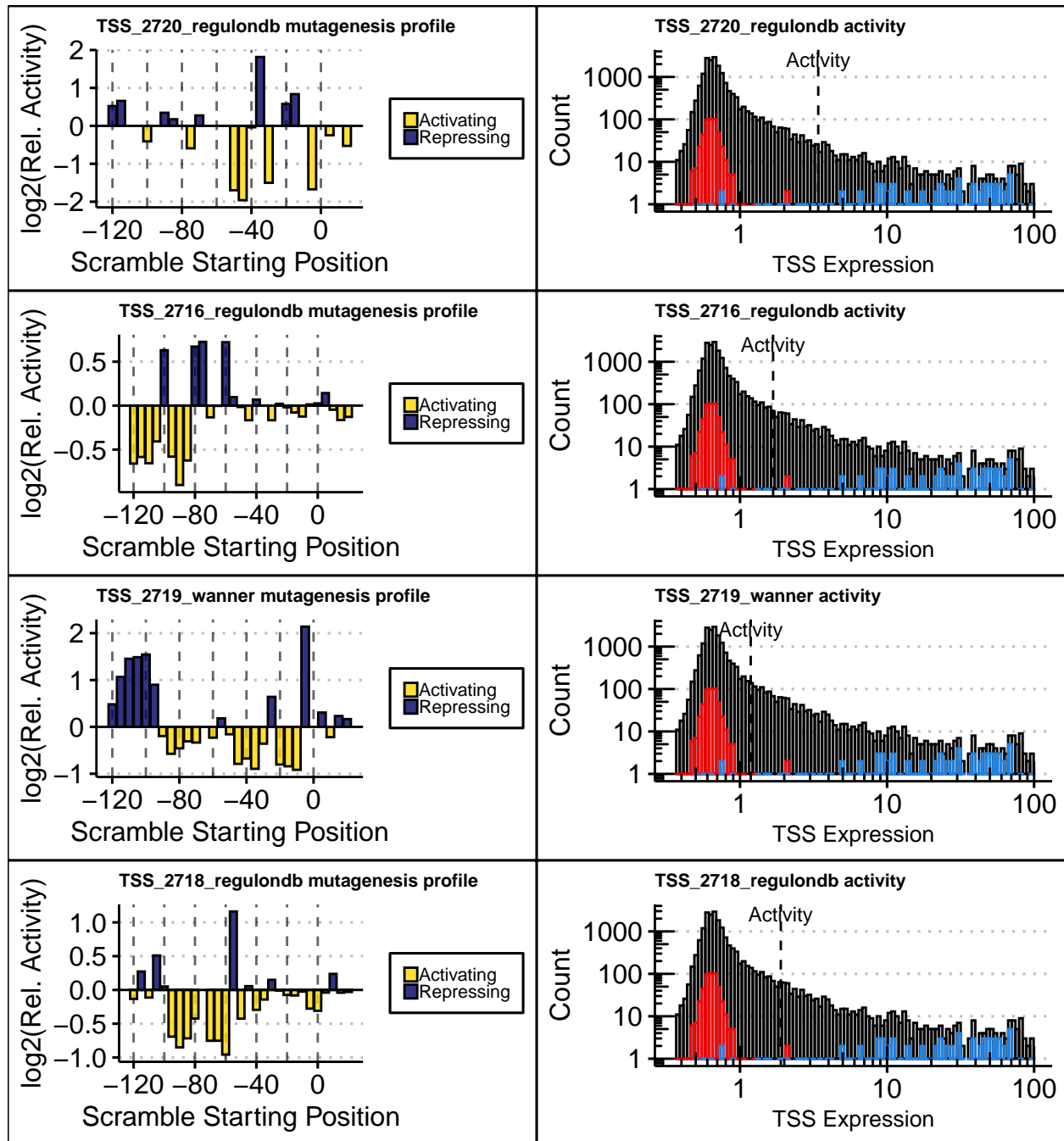


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.