

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| rhIE   | +      | 830095       | 831459     |

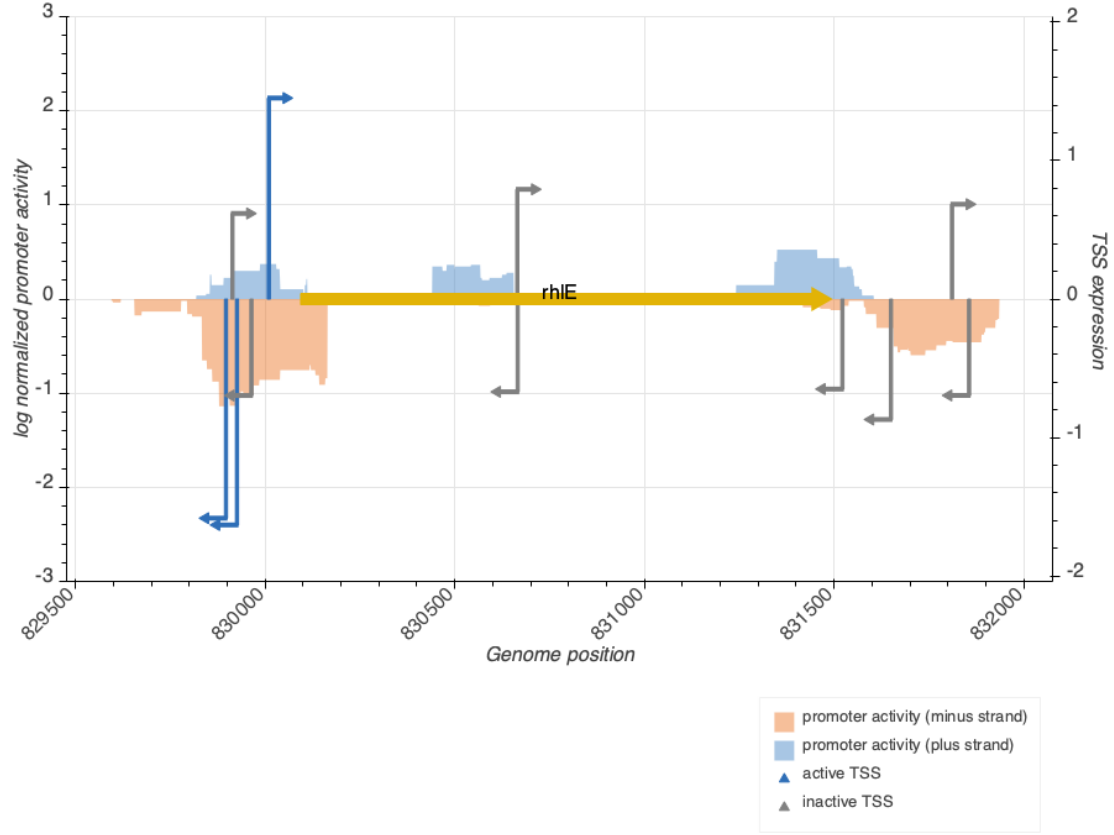


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name                        | TSS position | Strand | TSS activity | Category |
|---------------------------------|--------------|--------|--------------|----------|
| TSS_3188_storz                  | 829960       | -      | 0.6965794    | inactive |
| TSS_3187_storz                  | 829922       | -      | 1.6310379    | active   |
| TSS_3186_storz                  | 829910       | +      | 0.6178688    | inactive |
| TSS_3185_storz_wanner_regulondb | 829893       | -      | 1.5824528    | active   |
| TSS_3189_regulondb              | 830006       | +      | 1.4511789    | active   |

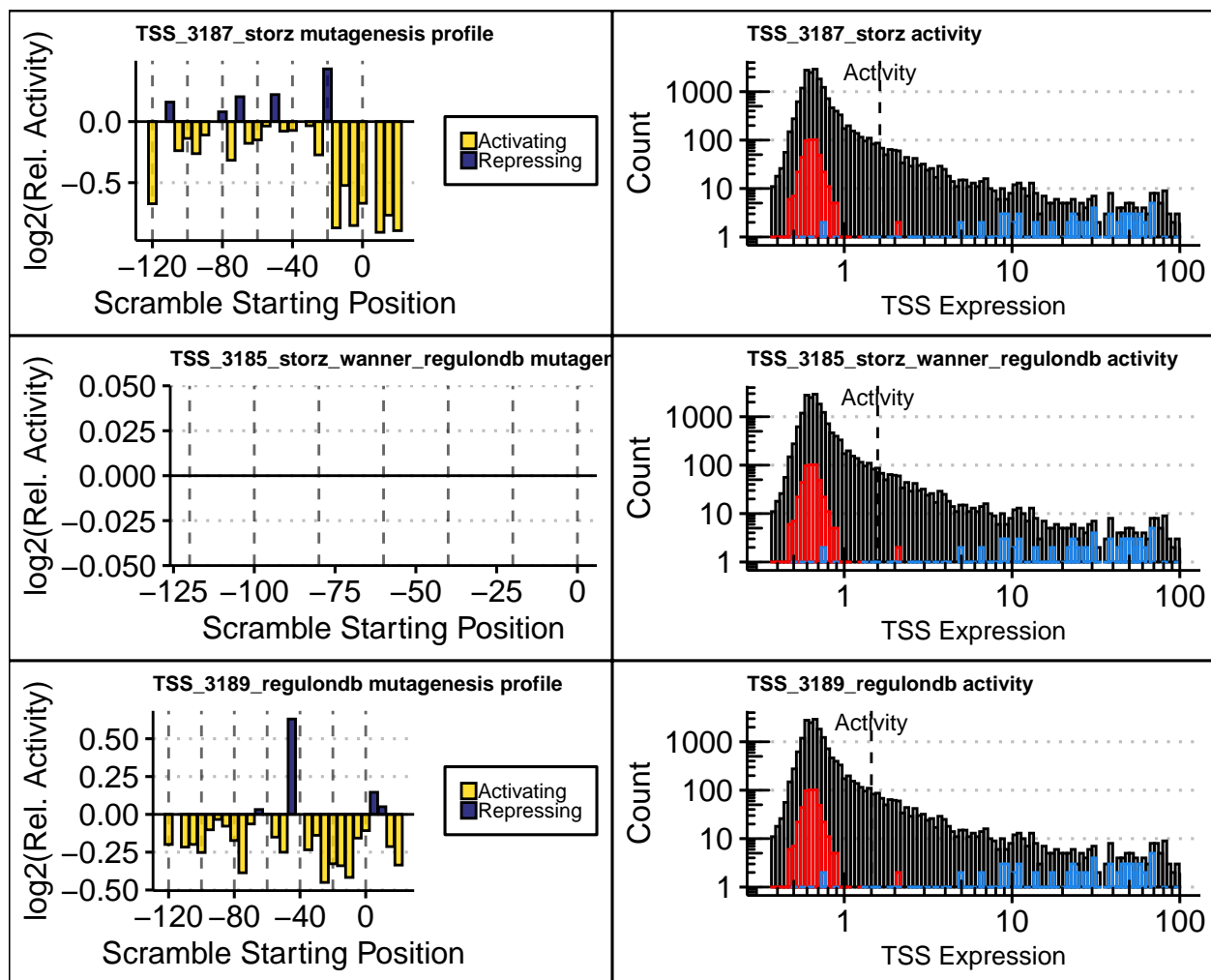


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.