

| Operon  | Strand | Operon start | Operon end |
|---------|--------|--------------|------------|
| udk-dcd | -      | 2140972      | 2139658    |

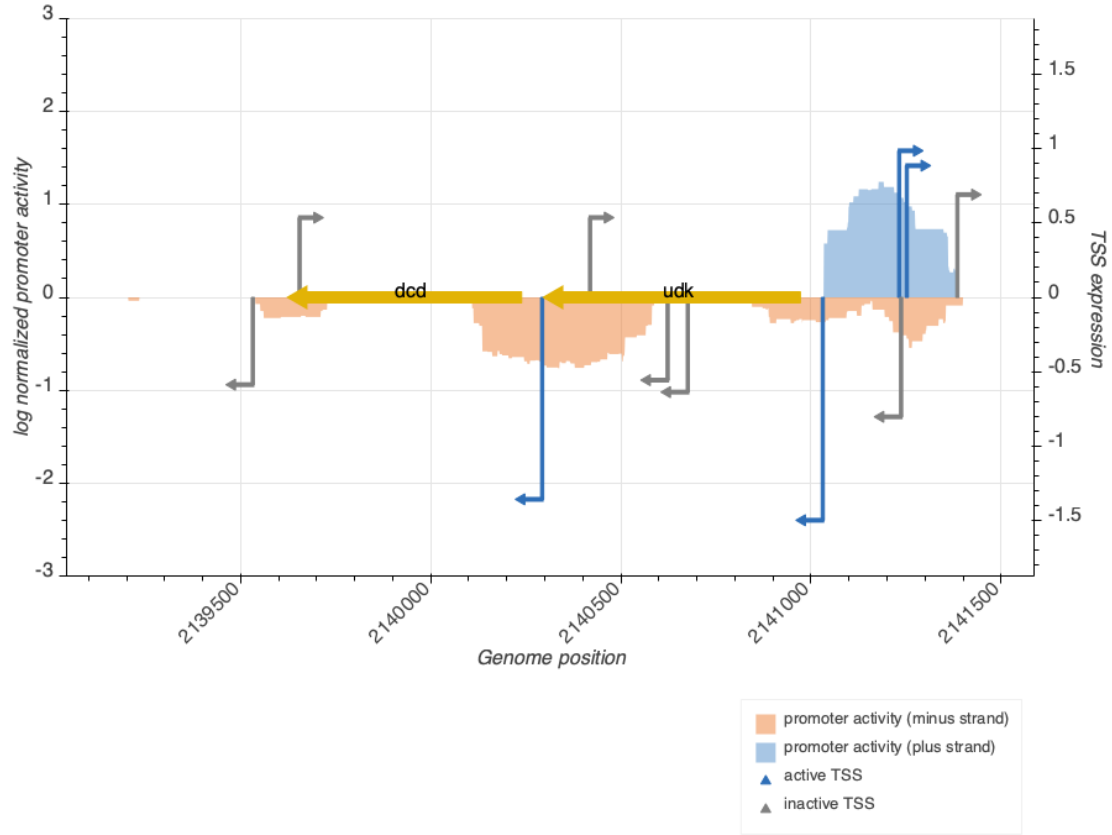


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name        | TSS position | Strand | TSS activity | Category |
|-----------------|--------------|--------|--------------|----------|
| TSS_8201_storz  | 2141228      | +      | 0.9878886    | active   |
| TSS_8203_storz  | 2141248      | +      | 0.8876620    | active   |
| TSS_8204_storz  | 2141381      | +      | 0.6923022    | inactive |
| TSS_8200_wanner | 2141027      | -      | 1.5026705    | active   |
| TSS_8202_storz  | 2141233      | -      | 0.8053153    | inactive |

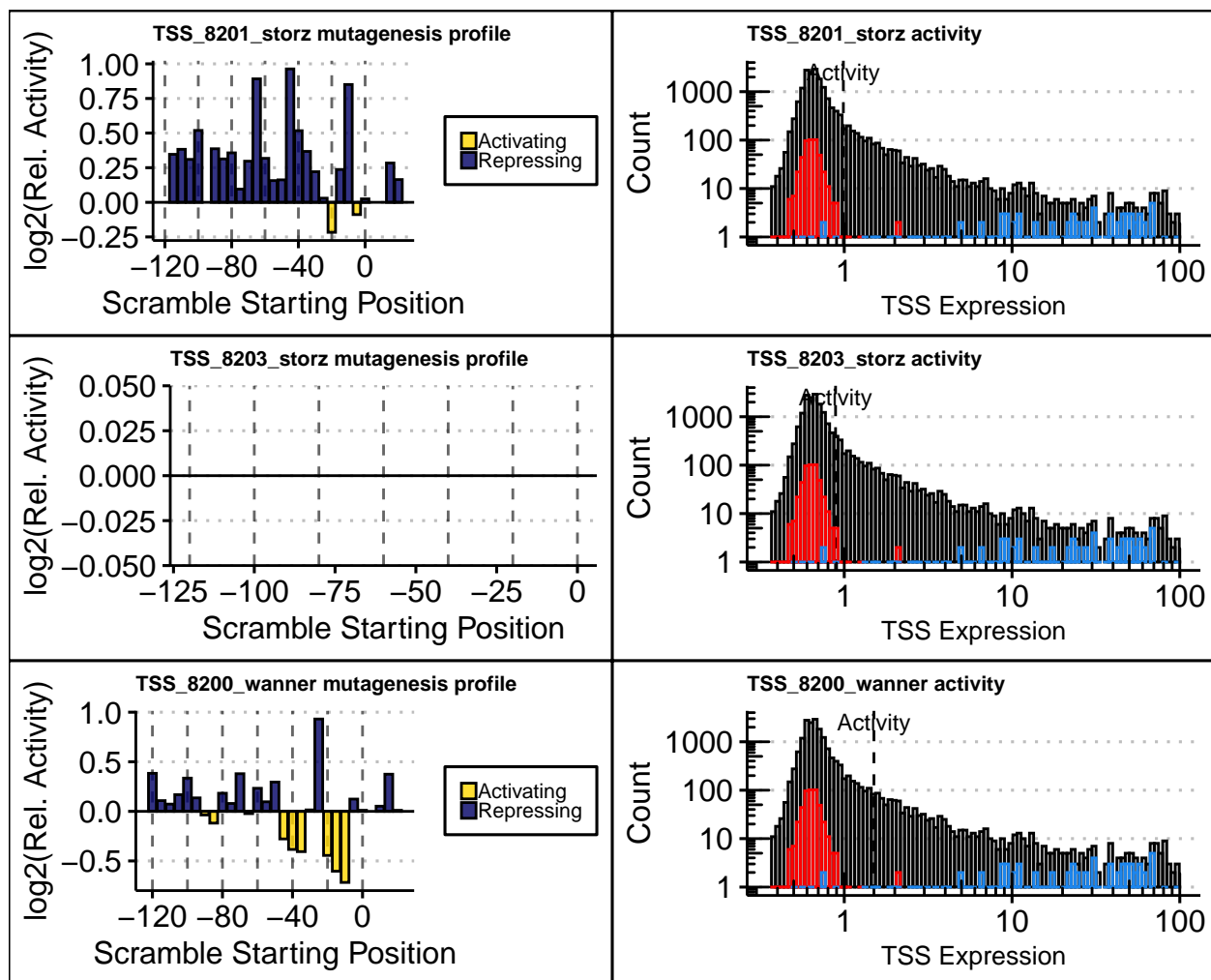


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.