

| Operon | Strand | Operon start | Operon end |
|--------|--------|--------------|------------|
| pntAB | - | 1675927 | 1672996 |

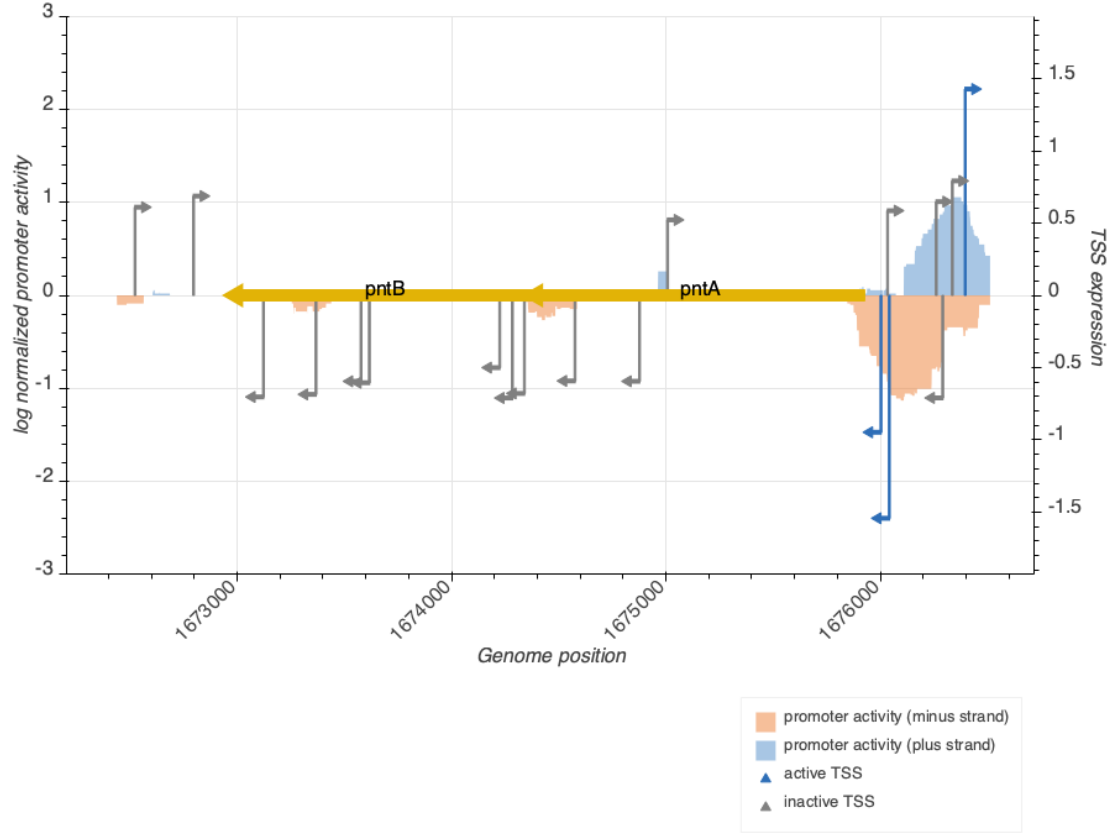


Figure 1: Figure 1: Promoter activity surrounding query operon.

| TSS name | TSS position | Strand | TSS activity | Category |
|--------------------------|--------------|--------|--------------|----------|
| TSS_6452_storz | 1676287 | - | 0.7095006 | inactive |
| TSS_6449_storz | 1676030 | + | 0.5856597 | inactive |
| TSS_6448_regulondb | 1675999 | - | 0.9474268 | active |
| TSS_6450_storz_regulondb | 1676038 | - | 1.5423921 | active |
| TSS_6453_regulondb | 1676332 | + | 0.7914766 | inactive |
| TSS_6454_regulondb | 1676392 | + | 1.4271380 | active |
| TSS_6451_storz | 1676257 | + | 0.6480727 | inactive |

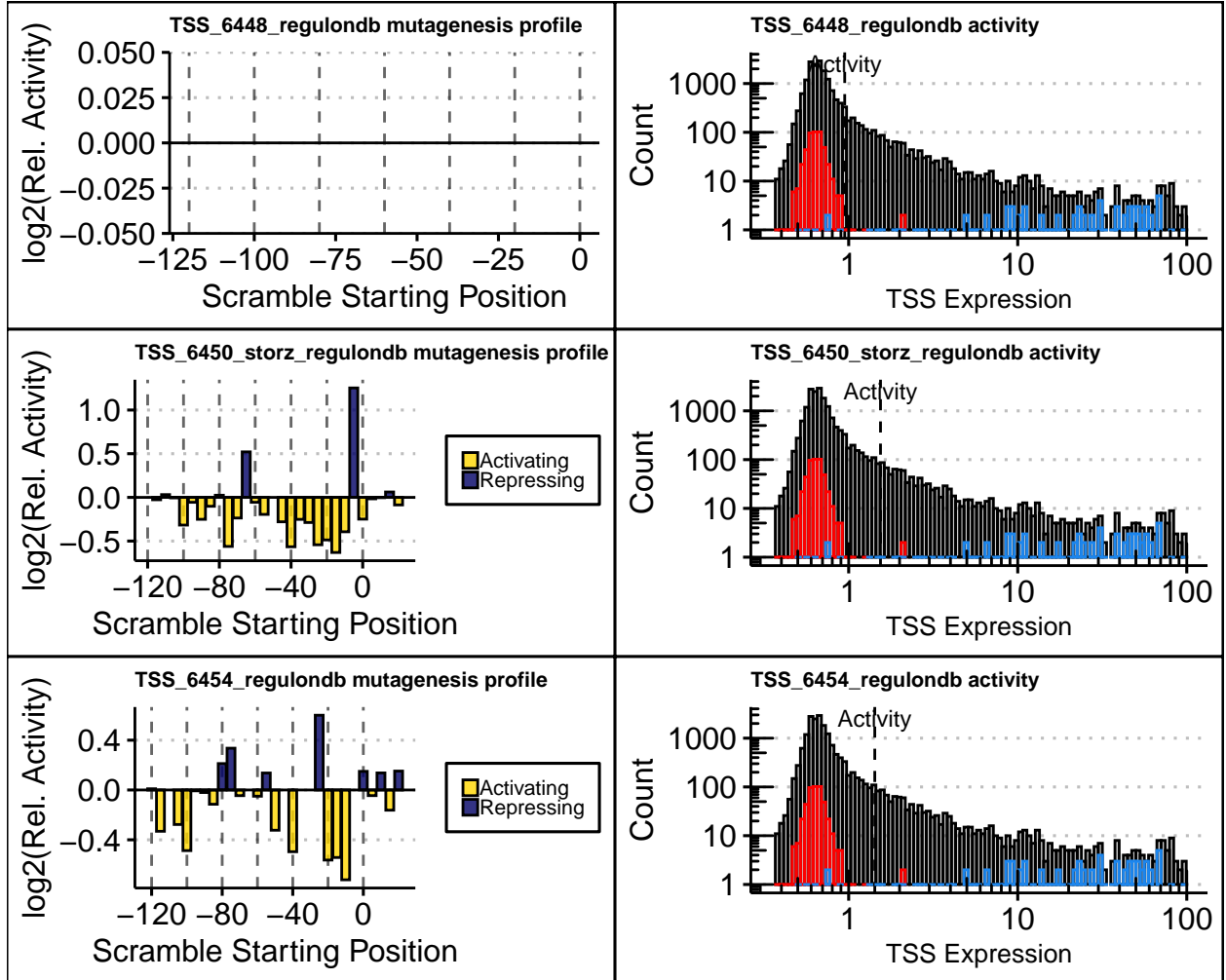


Figure 2: Figure 2: (Left) Mutagenesis profile(s) of active TSSs. (Right) TSS expression relative to the distribution of expression levels for all tested TSSs. TSSs were integrated into the *nth-ydgR* intergenic locus for quantification.