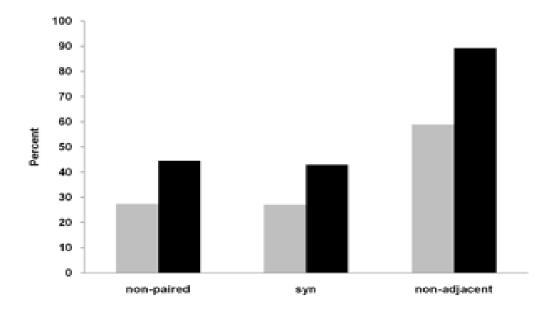
## **Supplementary Figure**



**Figure S1.** Conservation of the structural properties of *E.coli* (19) and *T. thermophilus* (31) 23S rRNA. The percent of conserved non-adjacent, syn and non-paired nts in both structures is presented. As illustrated, non-paired bases (*p*-value=3.54E-002) and non-adjacent base-base stacking (*p*-value=9.14E-005) are significantly conserved in ABSs.