

Homework 3A

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1. The bottom of the two figures is the melted state because base pairs are melted in that state.
2. 1W36 clearly represents the melted state. Look at preset F2 for reference. The first 4 base pairs of the DNA helix have been melted in this structure, indicating the initiation of a DNA unwinding iteration. In addition, since there is no ATP in this structure, this is the most likely action that could have unwinded this many base pairs.