

# **Supplementary Materials Section**

## **for**

## **Temperature-dependent Solid-state NMR**

## **Proton Chemical-shift Values and Hydrogen**

## **Bonding**

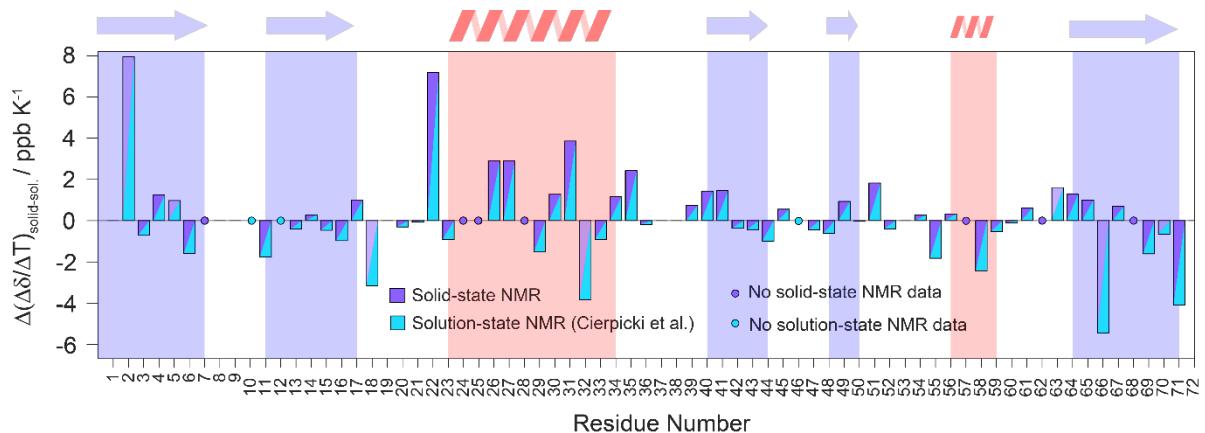
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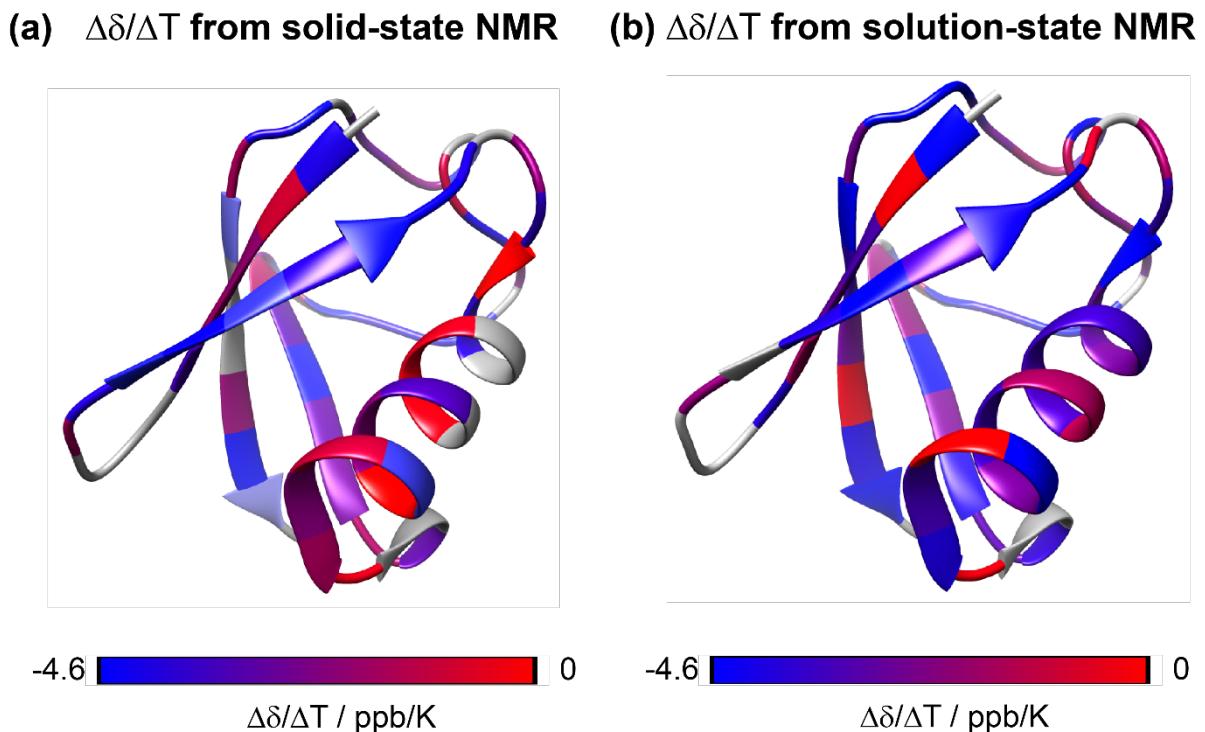
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**Figure S1:** Differences in temperature coefficients between the solid and solution-state data shown in Figure 7.



**Figure S2:** Plot of the temperature coefficients on the PDB structure as determined from solid-state or solution-state NMR, respectively. Solution-state NMR data were taken from reference [1].

## Reference

1. Cierpicki, T.; Zhukov, I.; Byrd, R. A.; Otlewski, J., Hydrogen Bonds in Human Ubiquitin Reflected in Temperature Coefficients of Amide Protons. *J. Magn. Reson.* **2002**, 157, (2), 178-180.