



S1 Fig. Example sections of 3D NMR spectra used for sequential assignment.

Assignment of ^1H - ^{15}N HSQC peaks was accomplished with the help of 3D spectra. As an example, the sequential connections (dashed lines) between $\text{H}\alpha$ and $\text{H}\beta$ atoms (top panel), as well as $\text{C}\alpha$ and $\text{C}\beta$ atoms are shown for the assignment of the stretch between Asn227 and Asp233, located at the tip of the Taspase1 loop. In the upper panel, positive and negative HBHANH peaks are displayed in green and red, respectively; HBHACONH signals are displayed in blue. In the lower panel, positive and negative HNCACB peaks are shown in green and red, respectively; CBCACONH signals are displayed in blue.