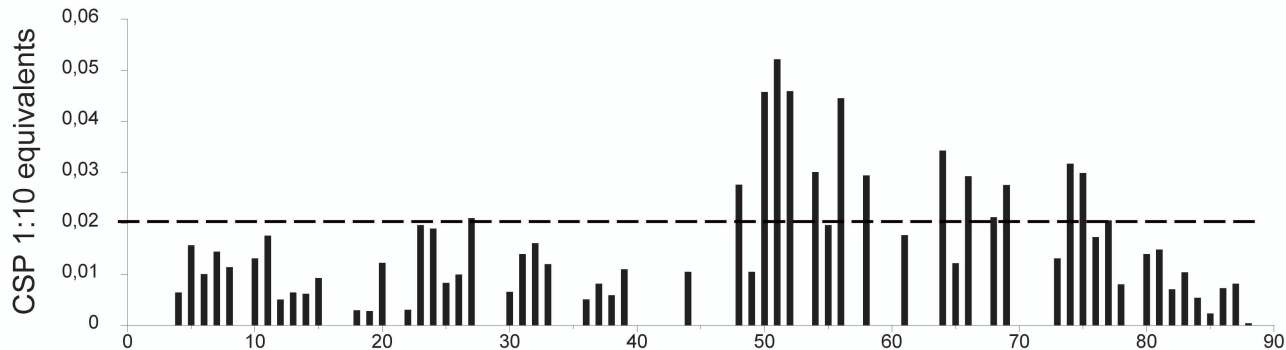


Supplementary Figure 1

A) An example of a crowded region in the HSQC at 10 °C, comprising assigned residues R10, C25, V19, L69, F31, Y12, Q33 and F33.

B) Adjacent ${}^{15}\text{N}$ -resolved planes from the HNCA experiment (10°C) in the same region, internal and sequential peaks for R10, C25, V19, L69, F31, Y12, Q33 and F33 are annotated. Samples and experiments were prepared and performed as in Experimental Procedures.



Supplementary Figure 2

NMR analysis of Myc-1-88 in the absence and presence of excess Bin1-SH3. Omitted histogram bars correspond to missing or overlapped residues and prolines. Myc-1-88 chemical shift perturbations (CSPs) for this titration endpoint were recorded at a Myc-1-88:Bin1-SH3 ratio of 1:10, using a separately prepared sample with a Myc-1-88 concentration of 80 μM so as not to exceed the known monomeric conditions of Bin-SH3. The cut-off value for significant CSPs is shown as a dashed line and calculated as described in Experimental Procedures.