Supporting information for: "Thermodynamic stability of hnRNP A1 low complexity domain revealed by high-pressure NMR"

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Supporting Figures:

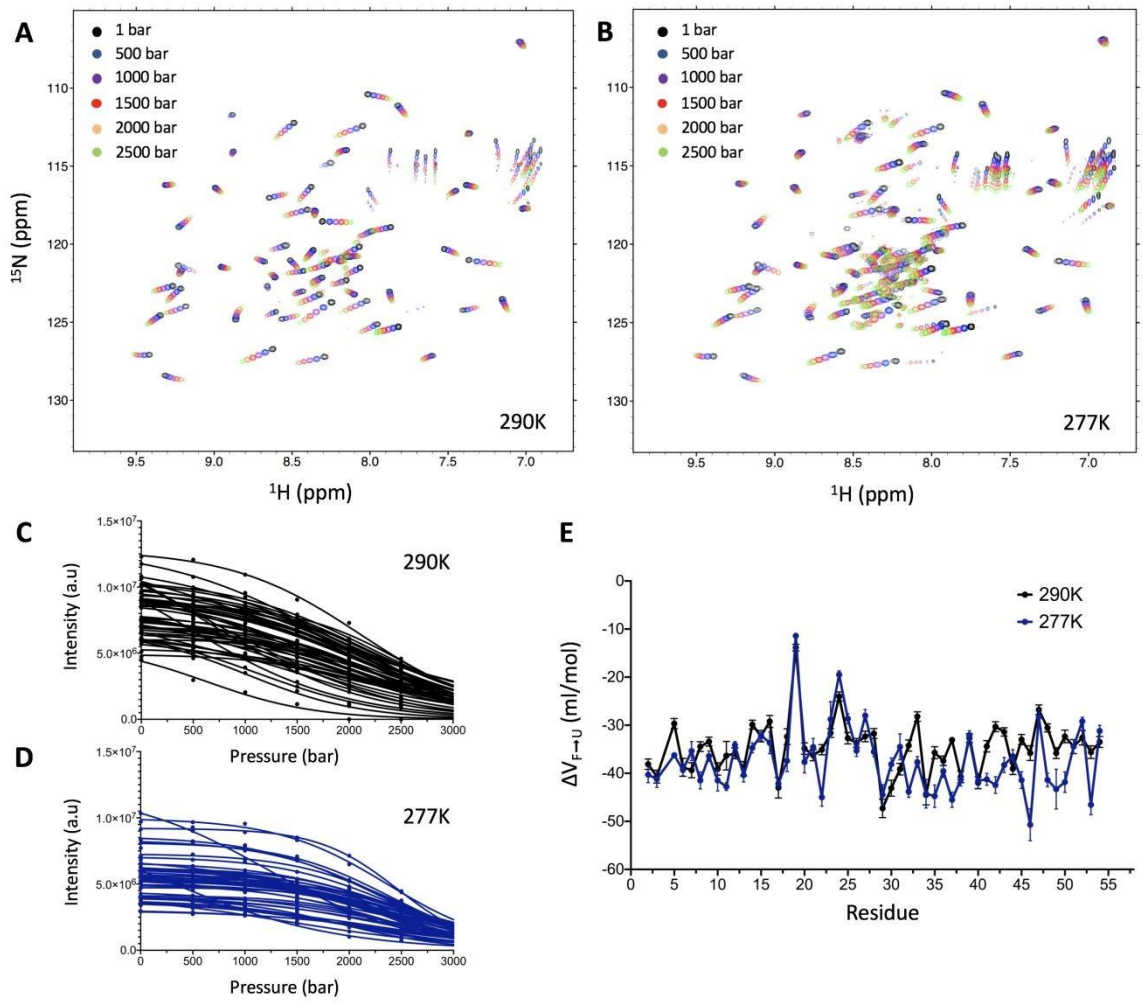

Figure S1. Pressure-induced unfolding of isolated GB1 domain. ^{1}H-^{15}N HSQC spectra of GB1 collected at 290 K (**A**) and 277 K (**B**) at pressure varying from 1 bar to 2,500 bar. Intensity profiles of individual GB1 crosspeaks were measured as a function of pressure at 290 K (**C**) and 277 K (**D**) and fitted to equation (3) (solid line) to obtain residue-specific $\Delta V_{F \square U}$ values. (**E**) $\Delta V_{F \square U}$ measured at 290 K (black line and dots) are displayed as a function of GB1 sequence and compared with $\Delta V_{F \square U}$ values measured at 277 K (blue line and dots).

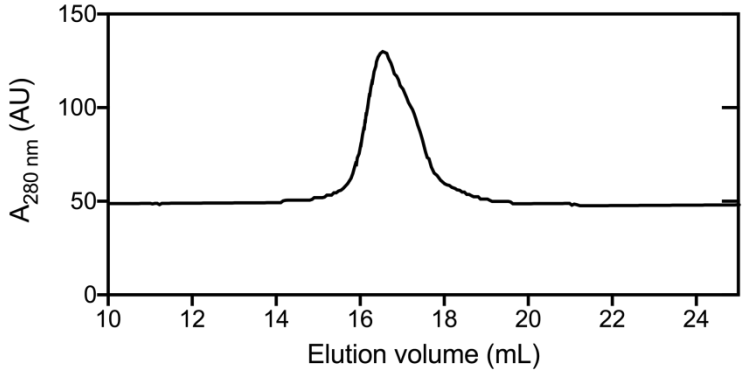

Figure S2. Analytical gel filtration column elution profile of GB1-LCD_{A1} collected with a protein concentration of 150 □M. The sample was run on Superdex 200 10/300 GL gel filtration column (GE healthcare life sciences) at 0.4 mL/min. The sample and column were kept at 277 K.

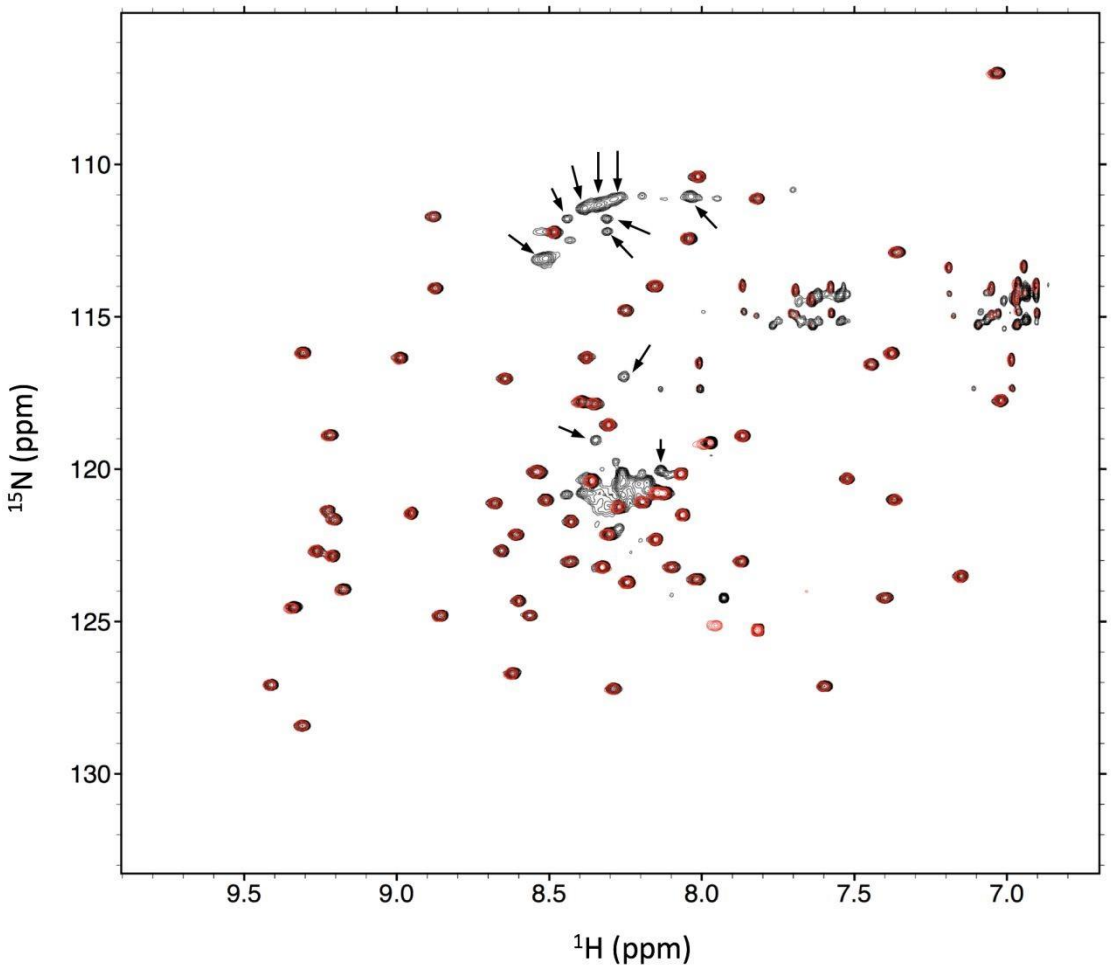

Figure S3. Comparison of ^{1}H-^{15}N HSQC spectra collected at 290 K for GB1 in GB1-LCD_{A1} (black) and the isolated GB1 domain (red).

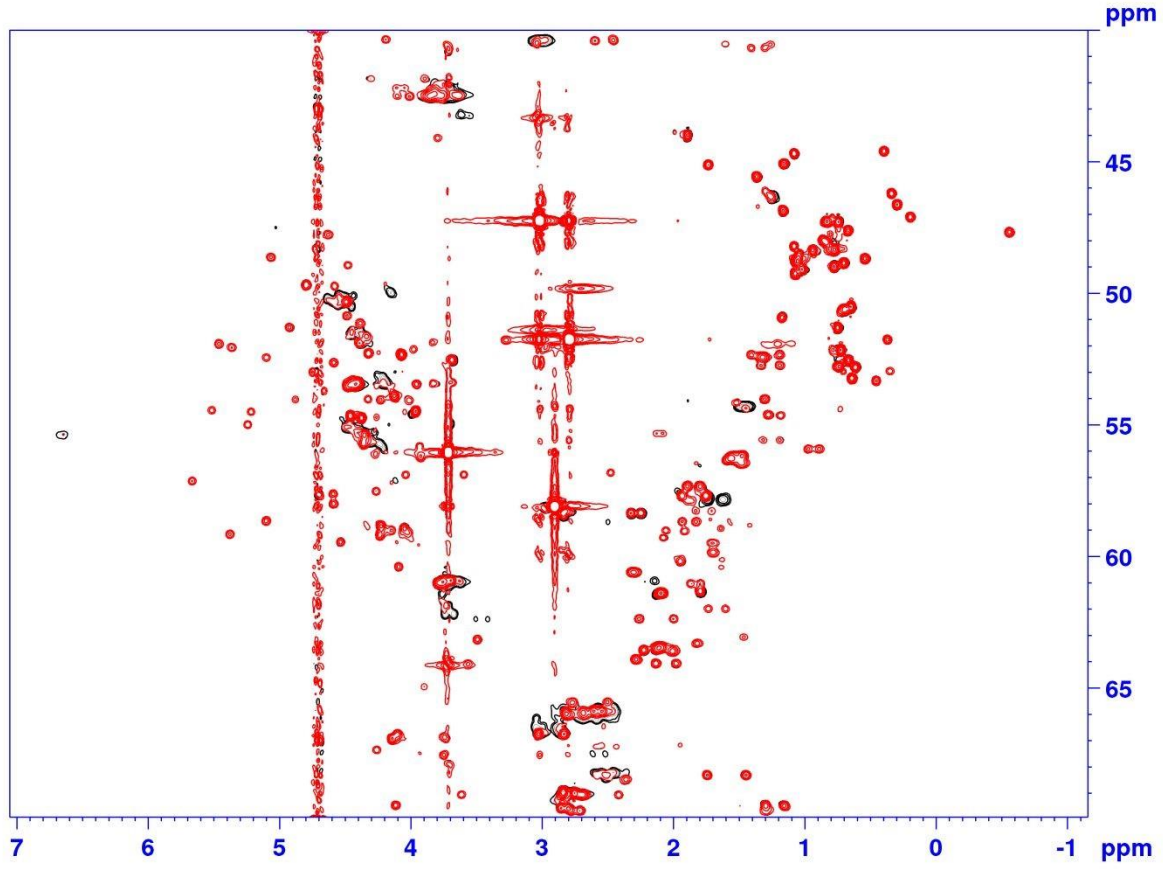

Figure S3: Overlaid ^{1}H-^{13}C HSQC spectra of GB1 (in red) and GB1-LCD_{A1} (in black) recorded at 290 K and 1 bar.