STRUCTURAL BIOLOGY COMMUNICATIONS

Volume 76 (2020)

Supporting information for article:

Crystal structure of the SH3 domain of growth factor receptor-bound protein 2

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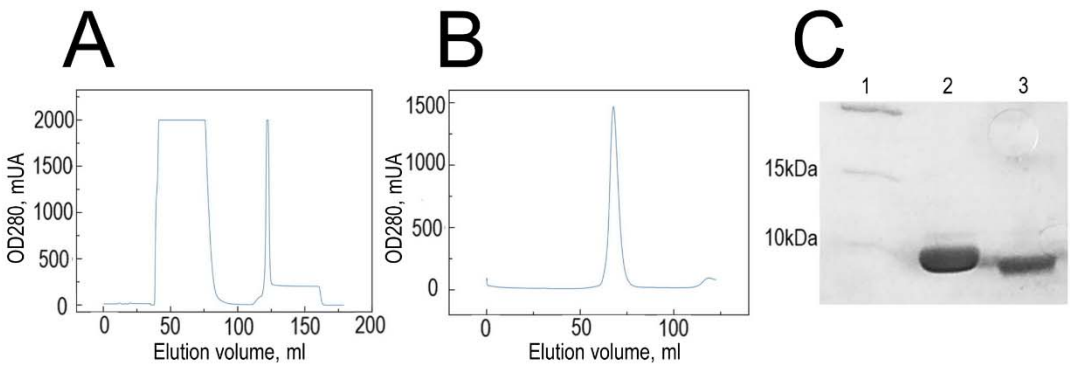

Figure S1 Purification of SH3N-Grb2 domain. Ni-affinity chromatogram. The first wide peak corresponds to a flow-through, the second narrow peak corresponds to the protein of interest (b) Size-exclusion (gel filtration) chromatogram. The protein is eluted in one fraction; (c) SDS-PAGE analysis of purified protein samples: 1 – molecular weights marker, 2 – protein after Ni-affinity chromatography, 3 – the final protein product after all purification stages. The purified protein is present in a monomeric form with an apparent molecular mass of 6.9 kD.

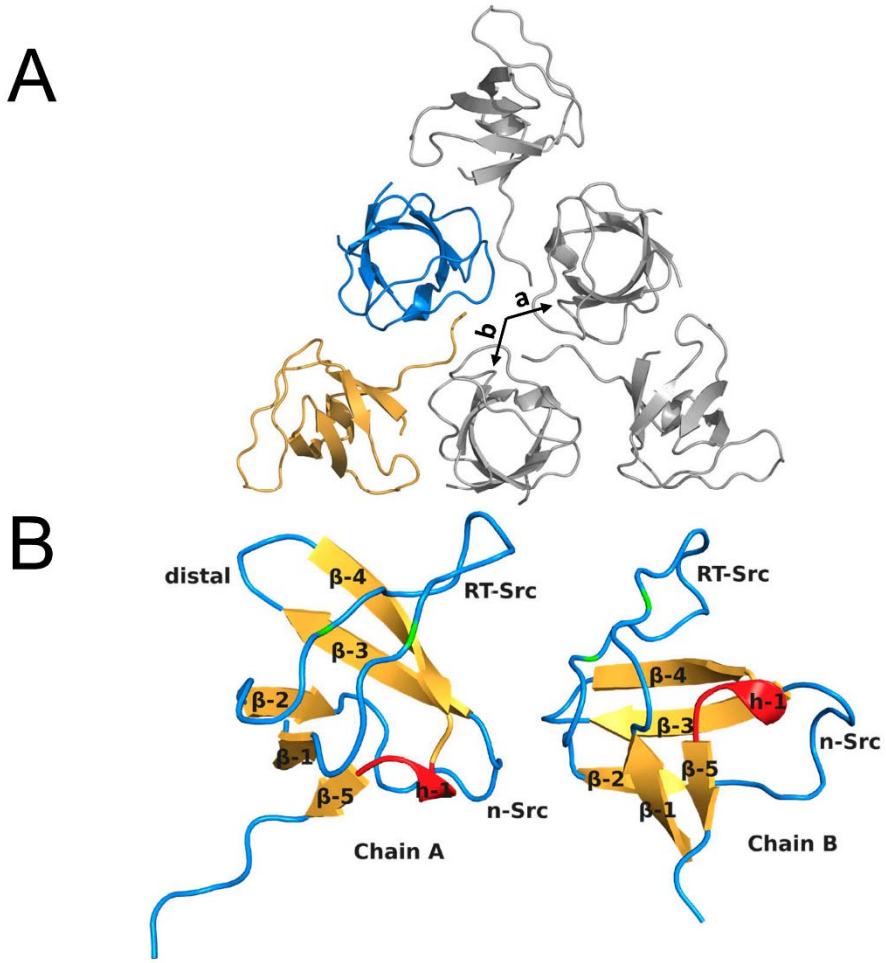

Figure S2 Crystal packing and asymmetric unit of SH3N-Grb2. (A) Crystal packing in SH3N-Grb2 crystals. Asymmetric unit is colored as follows: chain A – yellow, chain B – blue. (B) An asymmetric unit of SH3N crystal. The asymmetric unit consist of two N-SH3 domain molecules – A and B. Secondary structure elements for each molecule is colored as following: β-strands – yellow, F9-F19 isolated β-bridges – green, 3_{10}-helice – red, loops and irregular structures – blue. β-strands are numbered as they appear from N-terminus to C-terminus