



S15 Figure. Purifications and CD. Purification and initial characterisation of the Arc constructs. Purifications of FLaArc-7A, hArc-CTD and the MBP-2rNT fusion are shown in panels **A**, **B** and **C**, respectively. The last SEC purification steps are shown on the left (absorption normalised to 1 cm only for FLaArc-7A), and SDS-PAGE analysis of SEC fractions on the right. **D** CD spectra of the three constructs suggested them all to be mainly α -helical. **E** CD temperature denaturation experiments suggested all three constructs to be well folded, as all gave good denaturation curves. The T_m values derived from the transitions were $46.0^{\circ}C$, $57.6^{\circ}C$ and $54.1^{\circ}C$ for FLaArc-7A, hArc-CTD and MBP-2rNT, respectively.

