



S1 Figure. Flexibility of the CDR loops of NbArc-E5. **A** The crystallographic B-factors of the NbArc-E5 crystal structure demonstrate the rigidity of the CDR3 loop (highlighted by arrow). **B** Rigidity of the CDR3 loop is likely accounted for by packing of its large hydrophobic side chains onto the exterior of the β -barrel fold. This could also account for the increased solubility of NbArc-E5 when compared to the other Nbs.