

Supplementary Figure S1

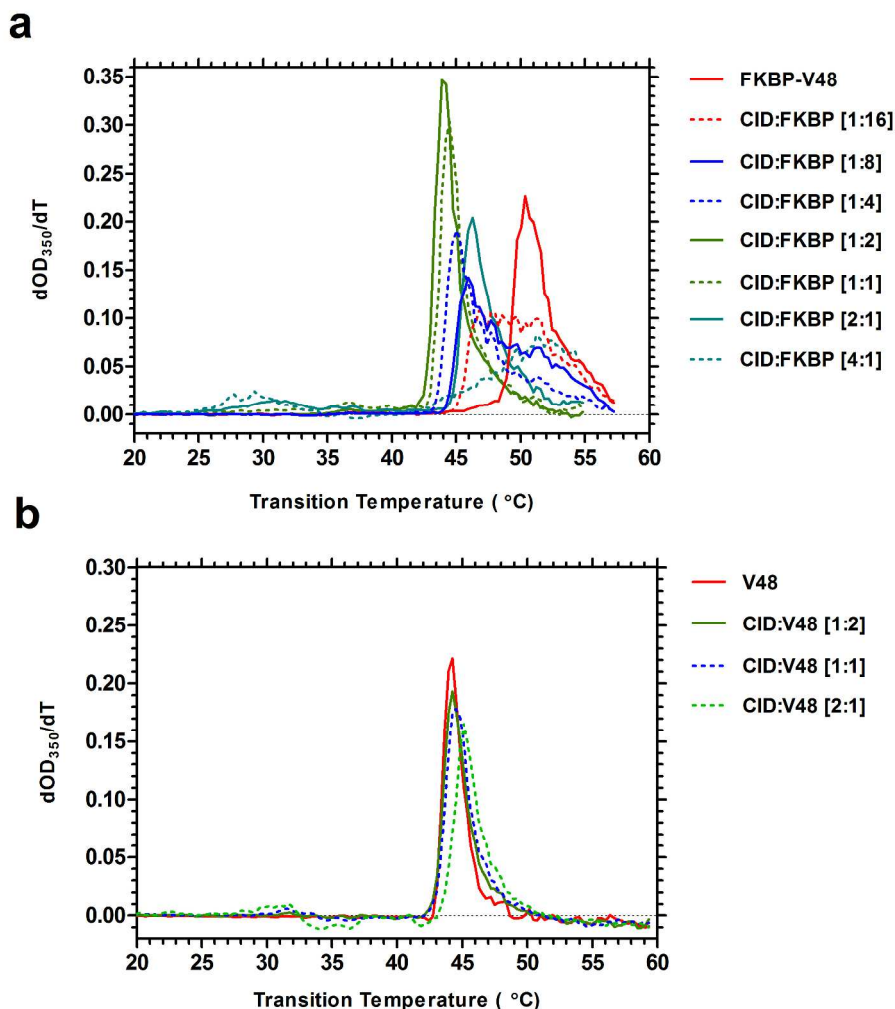


Figure S1. Mixture with the CID ligand shifts the transition temperature of ELP V48 only when fused with FKBP domain. The transition temperature was defined as the maximal first derivative of the optical density at 350 nm with respect to temperature. **(a)** The derivative dOD_{350}/dT is presented for the FKBP-V48 fusion protein (5 μ M) with varying ratios of the CID ligand. For FKBP-V48, the CID ligand produces a substantial downward shift up to a stoichiometry of CID: FKBP [1:2]. At higher ratios of CID, the major phase transition is shifted upwards again. **(b)** In contrast, phase separation of the ELP V48 alone (5 μ M) remains unshifted over varying ratios of the CID ligand.