S2 Fig. Details of the \(|\Delta d_n|\) perturbation scheme. (A) to (E) the Cα-Cα \(|\Delta d_n|\) values of the 5jwo_chain_B (target) - 1thx_chain_A (template) pair were perturbed to various \(PCC_{SEL}\) levels using the perturbation scheme described in the “Methods” section of the main text. The observed PCCs between the perturbed and the original \(|\Delta d_n|\) values are reported. (F) Distributions of the original \(|\Delta d_n|\) values and three perturbed values lists shown in previous figures. The mean values of the lists are reported in brackets. Thanks to the use of Laplace distributions for extracting random errors, the perturbed values are distributed approximately...
as exponentials, which resemble the original $|\Delta d_n|$ distribution. (G) and (H) average $PCC_{\text{MODEL}}$ values of the AS and AM models in $|\Delta d_n|$ perturbation experiments plotted as a function of $PCC_{\text{SEL}}$. On average, each $PCC_{\text{SEL}}$ value allows to obtain almost exactly the desired level of perturbation (quantified as $PCC_{\text{MODEL}}$). Data for the four HDDRs groups of MODELLER is shown. (G) AS models. (H) AM models.