

Supplementary Materials

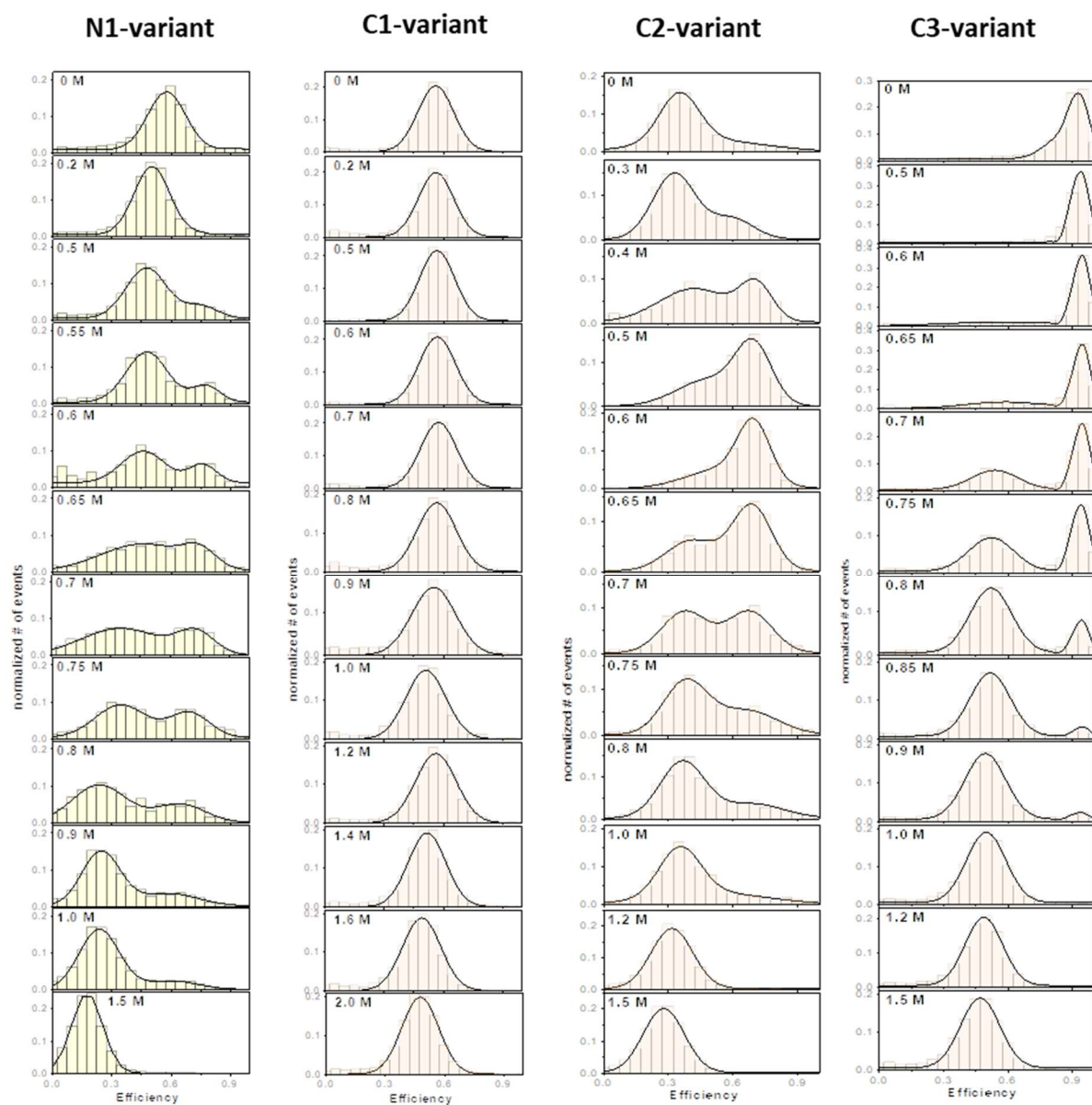


Figure S1: Single-molecule FRET histograms, mainly taken from data published in ref. [4]

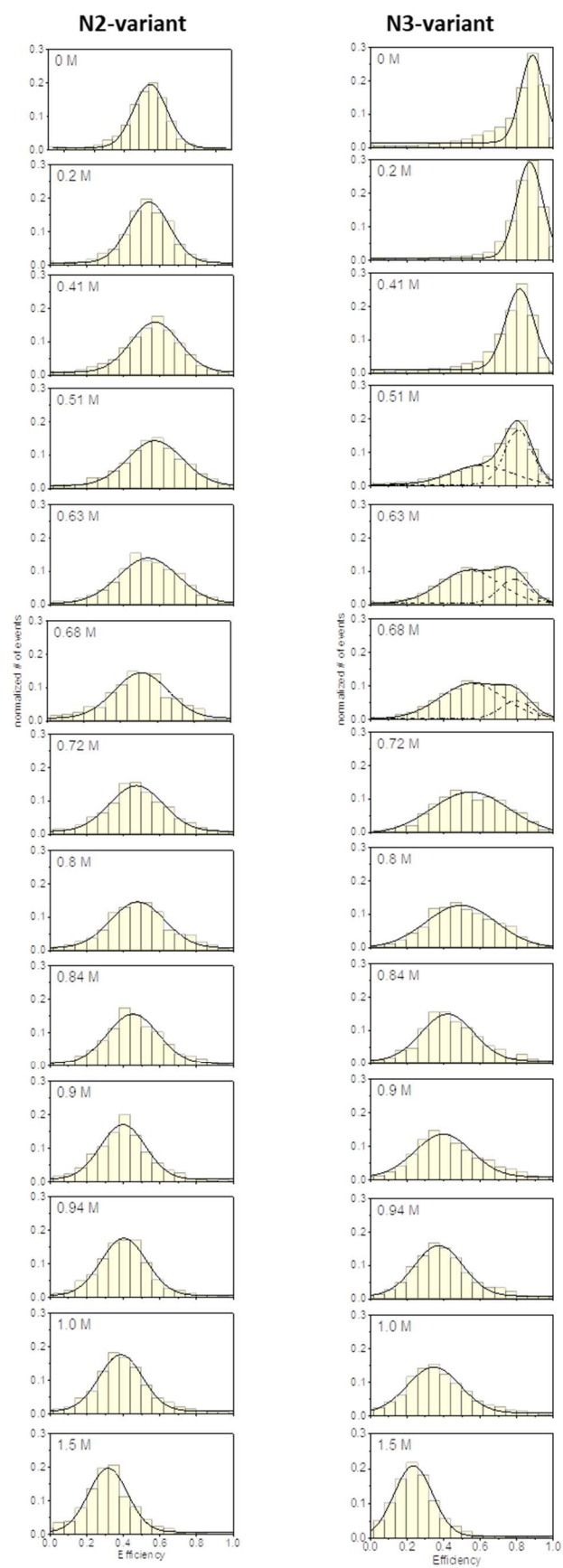


Figure S2: Single-molecule FRET histograms obtained from measurements performed in this study.

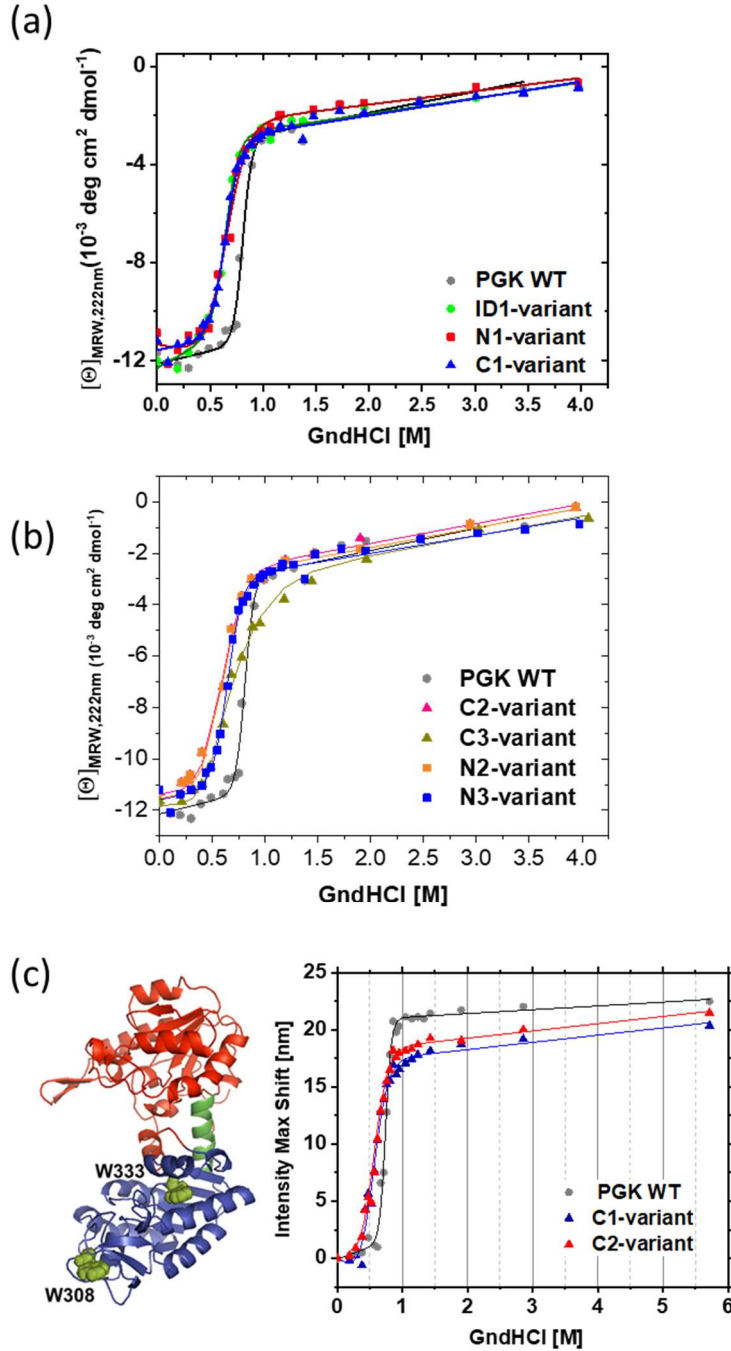


Figure S3: (a,b) Ellipticity peak values, obtained from CD-spectroscopy measurements at 222 nm, are plotted as a function of GndHCl concentrations for the yPGK wild-type (WT) and for all variants (including a variant which probes the a inter-domain distance ID1: Q135C-S290C, for details see ref. [4]). The measured data points (symbols) were fitted with a thermodynamic two-state model (solid line). (c) Intrinsic tryptophan fluorescence was employed to follow the tertiary structural integrity of the C-terminal domain of yPGK upon denaturant induced unfolding (there are only two tryptophan residues in the C-terminal domain). Also these data points were fitted with the same model as in a,b (for methodical details see ref. [4]). Data partly taken from ref. [4].