

Co-solvent-induced enzyme inactivation via local unfolding that is faster in the holo-enzyme.

Appendix A. Supplementary data

Figure S1 (a-c)

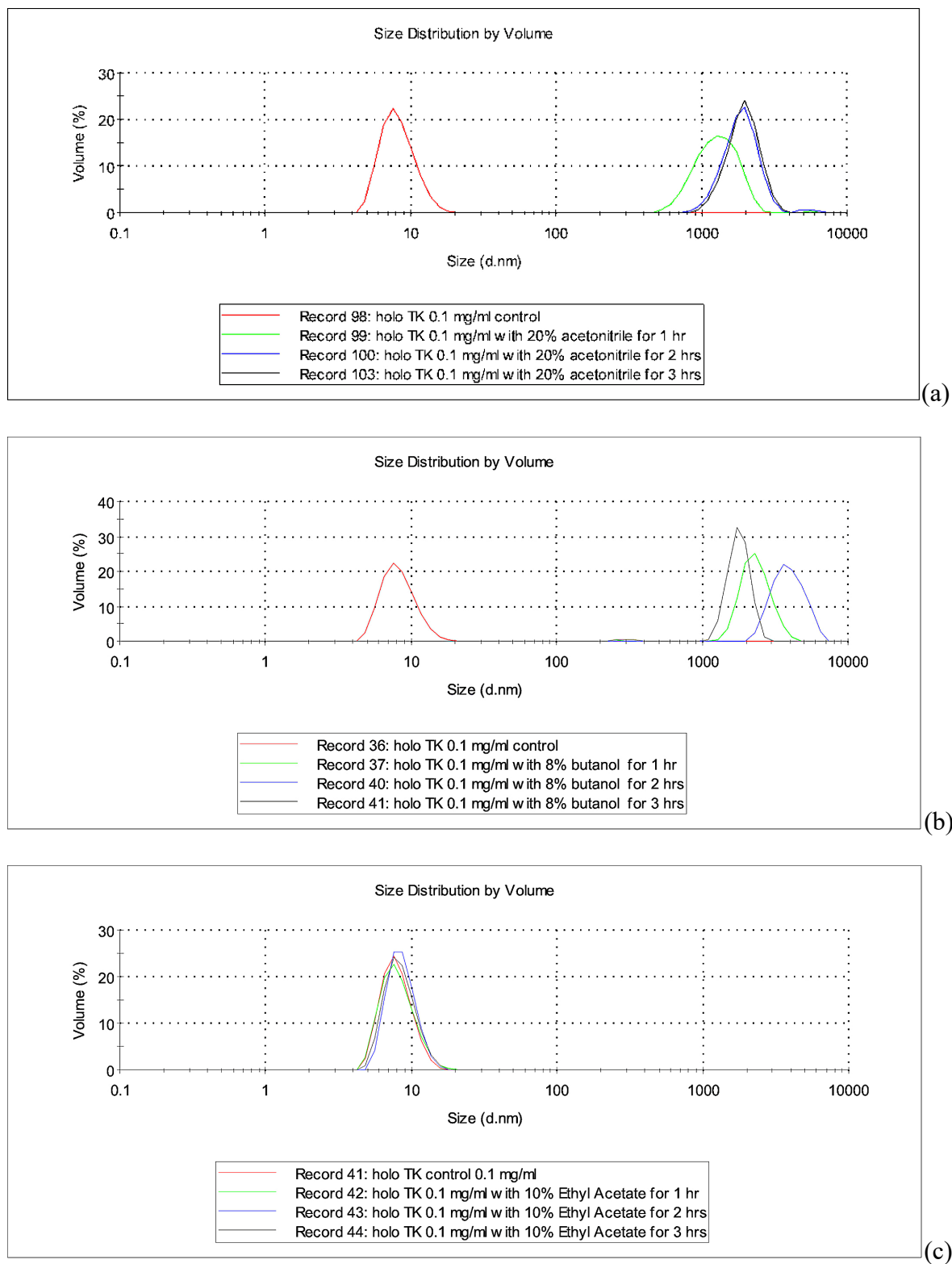


Figure S1 (d-e)

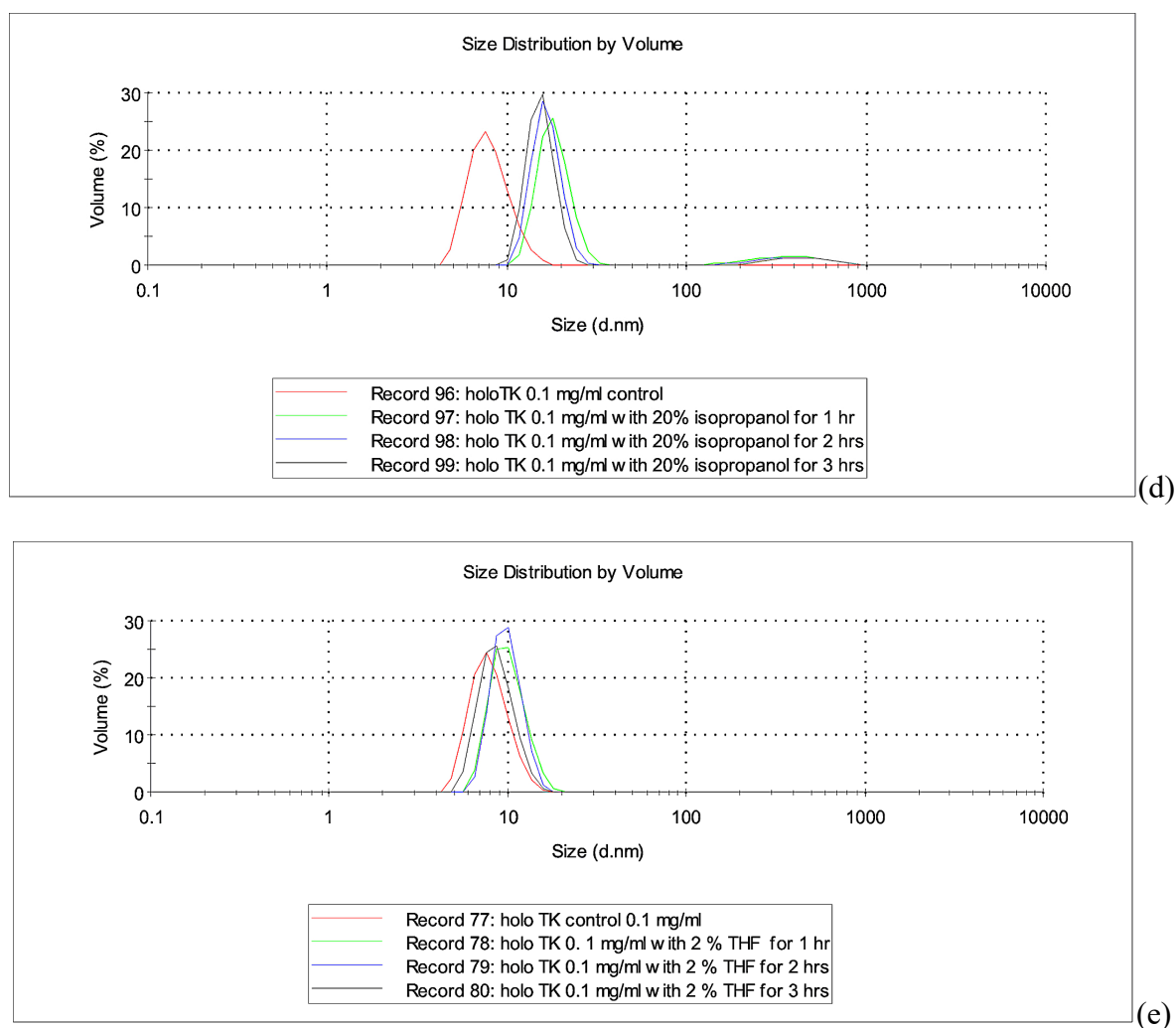


Figure S1. Size distribution volume (%) of holo-TK estimated by dynamic light scattering (DLS) in the presence of organic co-solvents. Samples contained 0.1 mg mL⁻¹ protein in 25 mM Tris-HCl, pH 7.0, with cofactors (0.5 mM TPP and 5 mM MgCl₂), and (a) 20% acetonitrile, (b) 8% *n*-butanol, (c) 10% ethyl acetate, (d) 20% isopropanol or (e) 2% THF. Samples were incubated for 1, 2 and 3 h at 25 °C before measurement. Data from one replicate is shown for each sample type. Measurements were confirmed for triplicate samples.