



**Figure S1.** Third order polynomial fit (see [18]) to the lysozyme temperature-dependent solubility in 5% (w/v) NaCl, 0.1 M sodium acetate buffer with pH=4.0 [21] (black circles). The obtained coefficients of the polynomial are shown. The lysozyme solubility at 33 °C is 8.1 mg ml<sup>-1</sup>.