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Supporting Information for publication

Interaction of organic ions with proteins

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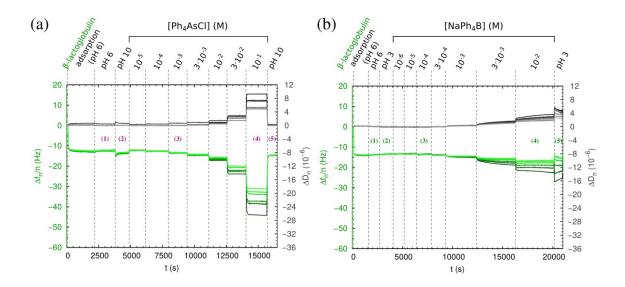


Fig. 1: QCM-D measurements of β-lactoglobulin film in presence of (a) $Ph_4As^+Cl^-$ at pH 10 and (b) $Na^+Ph_4B^-$ at pH 3 (organic ions as counter-ions). Changes in frequency, $\Delta f_n/n$ (negative values) and changes in energy dissipation, ΔD_n (positive values) are represented. Each overtone from 3 to 13 is shown in a different tonality, from dark to pale color.

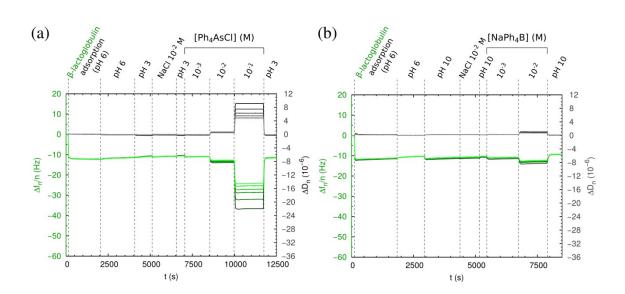


Fig. 2: QCM-D measurements of β-lactoglobulin film in the presence of (a) $Ph_4As^+Cl^-$ at pH 3 and (b) $Na^+Ph_4B^-$ at pH 10 (organic ions as co-ions). Changes in frequency, $\Delta f_n/n$ (negative values) and changes in energy dissipation, ΔD_n (positive values) are represented. Each overtone from 3 to 13 is shown in a different tonality, from dark to pale color.