Supplementary Information

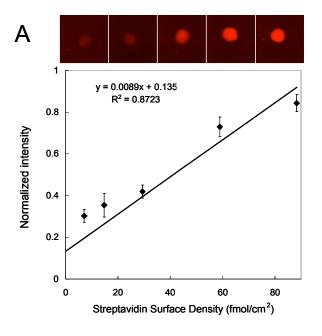
Specific Adsorption of Histidine-Tagged Proteins on Silica Surfaces Modified with Ni²⁺:NTA-Derivatized Poly(Ethylene Glycol)

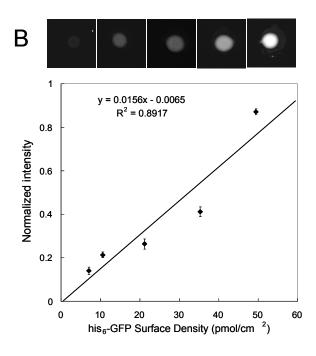
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Calibration Curves

Calibration curve of normalized fluorescence intensity as a function of SA-AF surface density (A) and as a function of his₆-GFP surface density (B). The fluorescence intensities observed within ten different 300 μ m diameter spotted zones at each concentration (spot volume = 50 nL) were measured by laser confocal scanning microscopy using the same photomultiplier gain, iris and laser excitation energy and then averaged.





QCM Evidence of Specific NTA:Ni²⁺:his₆-GFP Binding

QCM measurement of his₆-GFP adsorption onto NTA-PEG3400-Si(OMe)₃-modified surfaces in the presence (A) and absence (B) of chelated Ni²⁺.

