



**Figure S2. Single-cell force spectroscopy of the interaction between *S. aureus* AD08  $\Delta$ *clfB* and AD skins.** Adhesion force histograms obtained in PBS between additional *S. aureus* AD08  $\Delta$ *clfB* bacteria and corneocytes from AD patients with low NMF levels. For each patient, 6 additional pairs are presented.