



**Figure S5. Nanoscale adhesion imaging of AD skins using bacterial probes.** (A, B) Additional height (left) and adhesion (right) images of corneocytes recorded in PBS between *S. aureus* AD08 cell probes and high NMF<sub>2</sub> (A) or low NMF<sub>1</sub> (B) skin samples. (C) Images obtained on low NMF<sub>1</sub> corneocytes with AD08  $\Delta clfB$  cell probes.