



Figure S1. MALDI-TOF IMS analysis of HAQ molecules produced by *P. aeruginosa* DK2-P2M24-2003 in interaction with *S. aureus* JE2 after 24h, 48h or 72h of culturing. Ion distributions are displayed as false color overlays of an optical image. Ion-intensity color scaling indicates a highest production of HAQ metabolites in the interface between *P. aeruginosa* DK2-P2M24-2003 and *S. aureus* JE2 after 48h and 72h of culturing. White arrowheads indicate zone of altered *P. aeruginosa* colony morphology.