



**Fig. S3.** (a) Growth of *S. aureus* in the supernatant from *P. acnes* cultures without (left) and with (right) addition of glycerol. (b) The inhibitory effect of propionic acid on the growth of *S. aureus* ( $n = 5$ ) and *S. epidermidis* ( $n = 5$ ) in increasing concentrations.