

Table S4. Gene inducing and non-inducing pair conditions tested for *E. coli* and *S. aureus* toxicity drop test using recombinant strains. Gene expression is induced in the presence of arabinose (Ara) or anhydrotetracycline (ATc). Antibiotics were added during the preparation of tryptic soy agar plates. Cm10, chloramphenicol 10 µg/mL; Cm30, Cm 30 µg/mL; Amp100, ampicillin 100 µg/mL.

Strains	Non-inducing conditions	Inducing conditions
<i>E. coli</i>		
DH5α/pBAD33-HPUFs	Amp100 + Glucose 0.2 %	Amp100 + Ara 0.2 %
DH10B/pRAB11N-HPUFs	Amp100	Amp100 + ATc 0.4 µM
<i>S. aureus</i>		
RN4220/ pRAB11N-HPUFs	No antibiotics	ATc 0.1 µM
RN4220/ pRAB11N-HPUFs	No antibiotics	ATc 0.2 µM
RN4220/ pRAB11N-HPUFs	No antibiotics	ATc 0.3 µM
RN4220/ pRAB11N-HPUFs	No antibiotics	ATc 0.4 µM
RN4220/ pRAB11N-HPUFs	Cm10	Cm10 + ATc 0.4 µM
RN4220/ pRAB11N-HPUFs	Cm30	Cm30 + ATc 0.1 µM
RN4220/ pRAB11N-HPUFs	Cm30	Cm30 + ATc 0.2 µM
RN4220/ pRAB11N-HPUFs	Cm30	Cm30 + ATc 0.4 µM