

Supplementary Materials

Use of quorum sensing inhibition strategies to control microfouling

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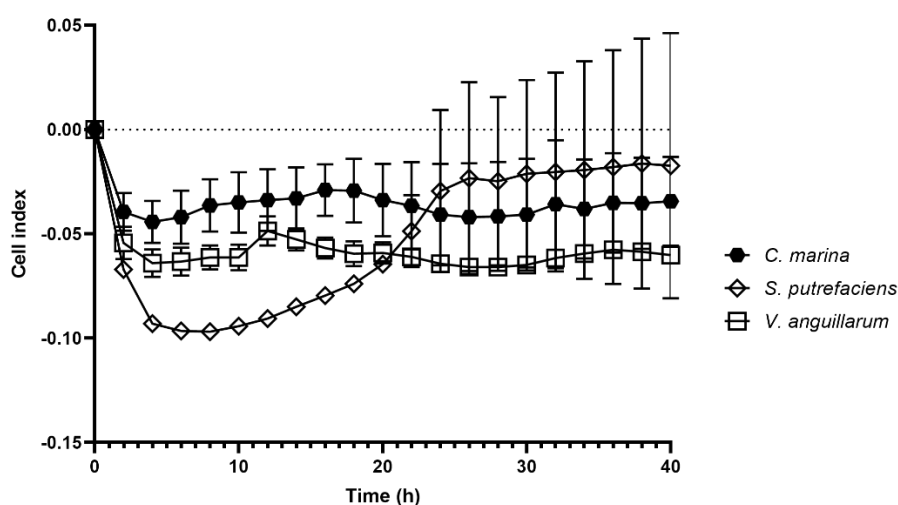


Figure S1. Biofilm formation of the marine bacterial biosensor measured by xCELLigence® system using the culture media TSB.

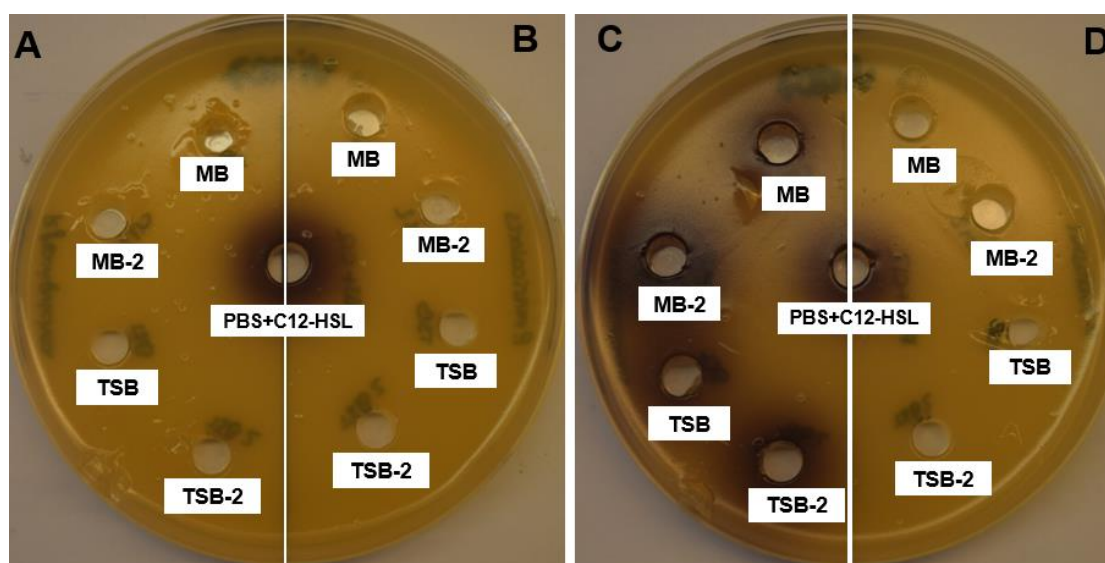


Figure S2. Capability of the four selected strains (A) *P. flavipulchra*, (B) *P. maricaloris*, (C) *V. aestuarianus* and (D) *V. tubiashii* to activate the quorum sensing-regulated violacein production by *C. violaceum* VIR07 using different culture media.

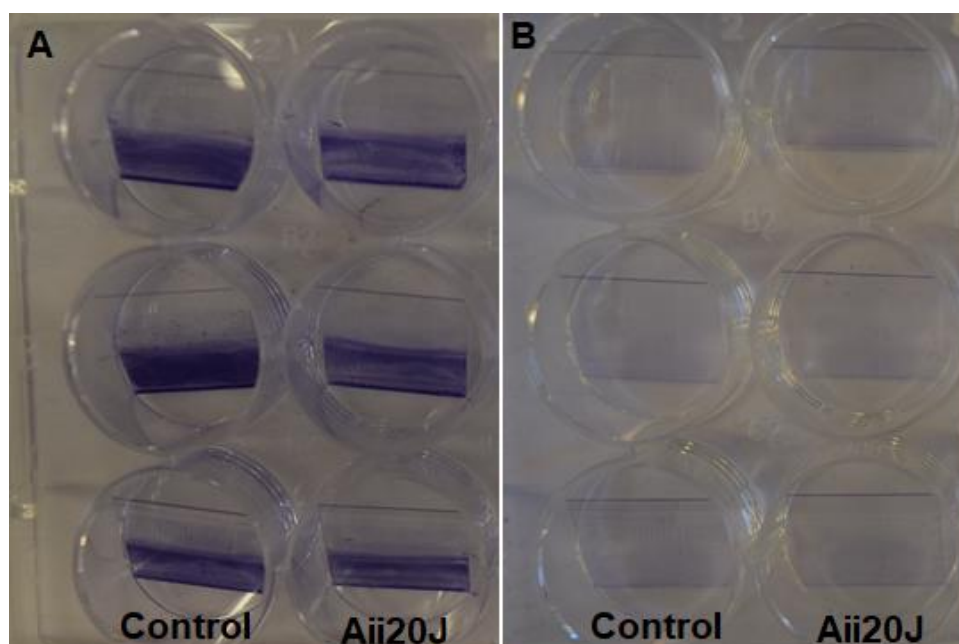


Figure S3. Effect of the addition of the AHL-lactonase Aii20J (0.57 mM) on biofilm formation by *P. flavipulchra* using the attachment model. The biofilms were cultured in (A) MB and (B) TSB and incubated 22°C for 24h.

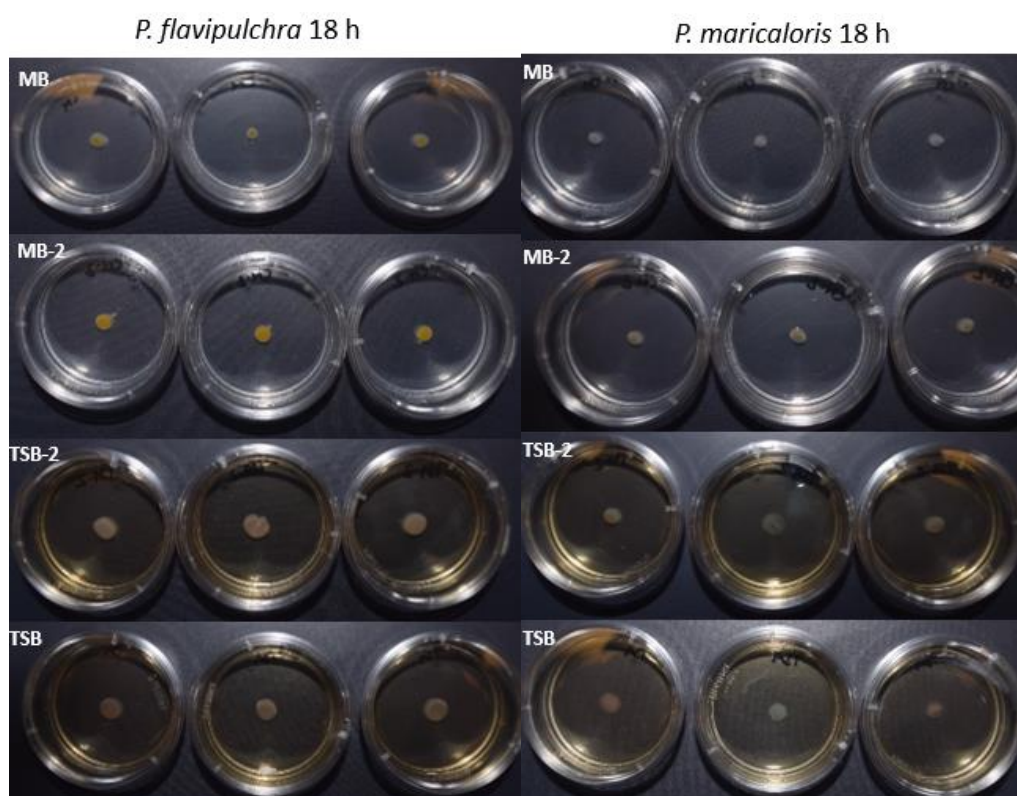


Figure S4. Effect of the culture media on surface-associated motility in *P. flavipulchra* and *P. maricaloris*. Plates were prepared in MB, MB-2, TSB-2 and TSB with 0.25% Eiken agar and were incubated at 22°C for 18h.

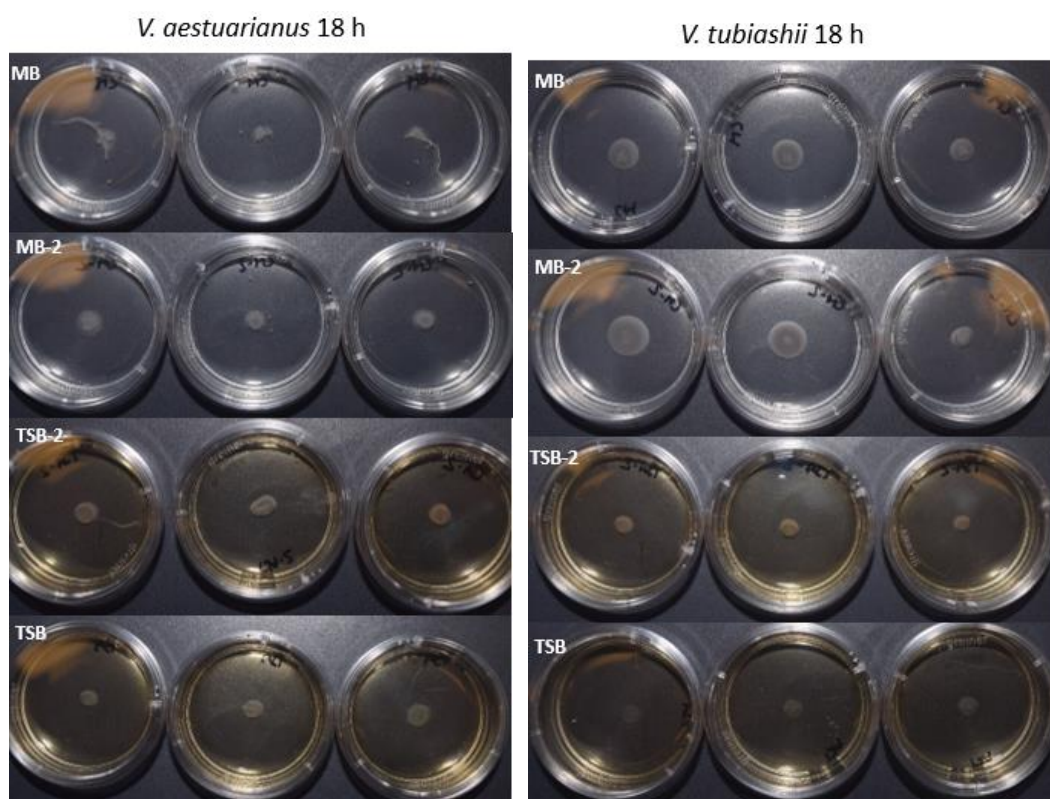


Figure S5. Effect of the culture media on surface-associated motility in *V. aestuarianus* and *V. tubiashii*. Plates were prepared in MB, MB-2, TSB-2 and TSB with 0.25% Eiken agar and were incubated at 22°C for 18h.

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