

Supplementary Material

Lactonase-expressing *Lactobacillus plantarum* NC8 attenuates the virulence factors of multiple drug resistant *Pseudomonas aeruginosa* in co-culturing environment

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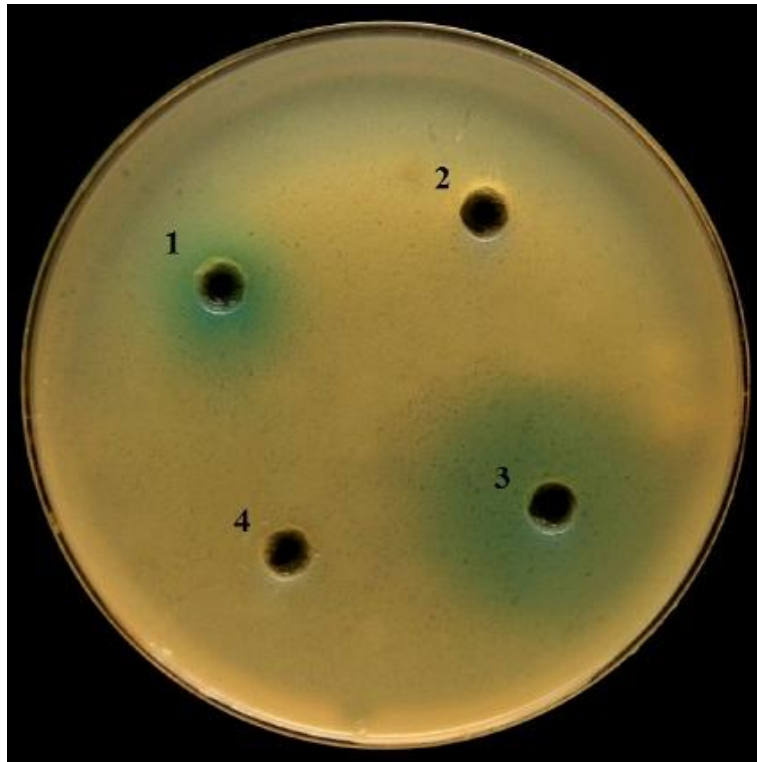


Fig. S1 Plate bioassay showing the effect of recombinant *L. plantarum* NC8 on AHLs of *P. aeruginosa* PAO1 using *A. tumefaciens* NT1 as the indicator strain.

Well 1: AHL extracted from untreated *P. aeruginosa* PAO1; Well 2: AHLs extracted from *P. aeruginosa* PAO1 co-cultured with recombinant *L. plantarum* NC8; Well 3: 1 μ M oxo-C12-HSL in DMF as positive control; Well 4: DMF (control).

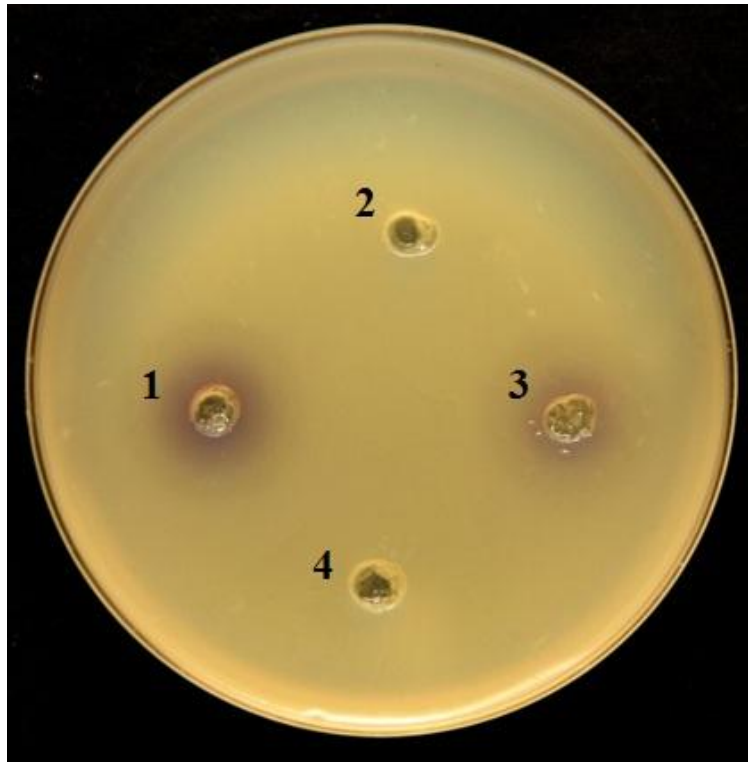


Fig. S2 Plate bioassay showing the effect of recombinant *L. plantarum* NC8 on C4-HSL extracted from *P. aeruginosa* PAO1 co-cultured with recombinant *L. plantarum* NC8 using *C. violaceum* CV026 as the indicator strain.

Well 1: AHLs extracted from untreated *P. aeruginosa* PAO1; Well 2: AHLs extracted from *P. aeruginosa* PAO1 co-cultured with recombinant *L. plantarum* NC8; Well 3: 100 μ M C4-HSL in DMF as positive control; Well 4: DMF (control).