**SUPPLEMENTARY MATERIAL**

**Dominant symbiotic bacteria associated with wild medfly populations reveal a bacteriocin-like killing phenotype: a ‘cold-case’ study.**

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***Fig. S1****.* Estimated mean (± SD) of inhibition zones (*R*) showed by *Klebsiella* strains in the Agar overlay method against *Escherichia coli* ATCC 23739, *Salmonella typhimurium* ATCC 23853, and *Enterobacter cloacae* ATCC 13047.



***Fig. S2****.* Distribution of nucleotide site differences among sequences derived from PCR KlebD amplicons. Single-base substitutions (bold character) are indicated above the alignment.

 618

KD5 601-TGTCACTGATGTTGCCCATCAGACCATCAAGGAGATGGAGGCGTTCGCTCAAATGGTCGC

KD6 601-TGTCACTGATGTTGCCC**G**TCAGACCATCAAGGAGATGGAGGCGTTCGCTCAAATGGTCGC

KD7 601-TGTCACTGATGTTGCCCATCAGACCATCAAGGAGATGGAGGCGTTCGCTCAAATGGTCGC

KD12 601-TGTCACTGATGTTGCCCATCAGACCATCAAGGAGATGGAGGCGTTCGCTCAAATGGTCGC

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 706

KD5 661-TCAGAACGAGGCCCGTAAAAAAGGCAGAGAAAGAGGCCAGAAGGCAGAAGAGGCTTATCA

KD6 661-TCAGAACGAGGCCCGTAAAAAAGGCAGAGAAAGAGGCCAGAAGGCAGAAGAGGCTTATCA

KD7 661-TCAGAACGAGGCCCGTAAAAAAGGCAGAGAAAGAGGCCAGAAGGCAGAAGAGGCTTATCA

KD12 661-TCAGAACGAGGCCCGTAAAAAAGGCAGAGAAAGAGGCCAGAAGGC**C**GAAGAGGCTTATCA

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*

KD5 721-AGCCGCTCTGCGGGCGGAAGAGGAAGCCCGGCGTCAGCAGGCTGAAATCGAGCGGAAACT

KD6 721-AGCCGCTCTGCGGGCGGAAGAGGAAGCCCGGCGTCAGCAGGCTGAAATCGAGCGGAAACT

KD7 721-AGCCGCTCTGCGGGCGGAAGAGGAAGCCCGGCGTCAGCAGGCTGAAATCGAGCGGAAACT

KD12 721-AGCCGCTCTGCGGGCGGAAGAGGAAGCCCGGCGTCAGCAGGCTGAAATCGAGCGGAAACT

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KD5 781-GAAGGAAGCCAGAGAACGTGAGGCCGCAGCAAAAGCAAAAGCCCTGGCGGACAAAGCGGG

KD6 781-GAAGGAAGCCAGAGAACGTGAGGCCGCAGCAAAAGCAAAAGCCCTGGCGGACAAAGCGGG

KD7 781-GAAGGAAGCCAGAGAACGTGAGGCCGCAGCAAAAGCAAAAGCCCTGGCGGACAAAGCGGG

KD12 781-GAAGGAAGCCAGAGAACGTGAGGCCGCAGCAAAAGCAAAAGCCCTGGCGGACAAAGCGGG

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

KD5 841-CGCGGAGAAAGCAGAAGCAGACAGGAGAGCTCTGTTCACGAAGGCCGGTATACAGGACAC

KD6 841-CGCGGAGAAAGCAGAAGCAGACAGGAGAGCTCTGTTCACGAAGGCCGGTATACAGGACAC

KD7 841-CGCGGAGAAAGCAGAAGCAGACAGGAGAGCTCTGTTCACGAAGGCCGGTATACAGGACAC

KD12 841-CGCGGAGAAAGCAGAAGCAGACAGGAGAGCTCTGTTCACGAAGGCCGGTATACAGGACAC

 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

 920

KD5 901-ACCGGTTTACACAACGGAA**T**TGGTGAAAGCGGCAAACGCGACGCTGTCTGCGGGAAGCTC

KD6 901-ACCGGTTTACACAACGGAAATGGTGAAAGCGGCAAACGCGACGCTGTCTGCGGGAAGCTC

KD7 901-ACCGGTTTACACAACGGAAATGGTGAAAGCGGCAAACGCGACGCTGTCTGCGGGAAGCTC

KD12 901-ACCGGTTTACACAACGGAAATGGTGAAAGCGGCAAACGCGACGCTGTCTGCGGGAAGCTC

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 965

KD5 961-ACTGATGCTGAGCCGGGCGCCAGGGATGATACAGCTCTCGGCGTCGGGTGTGGGGACACT

KD6 961-ACTGATGCTGAGCCGGGCGCCAGGGATGATACAGCTCTCGGCGTCGGGTGTGGGGACACT

KD7 961-ACTGATGCTGAGCCGGGCGCCAGGGATGATACAGCTCTCGGCGTCGGGTGTGGGGACACT

KD12 961-ACTG**G**TGCTGAGCCGGGCGCCAGGGATGATACAGCTCTCGGCGTCGGGTGTGGGGACACT

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