

S3 Fig.**>*Streptomyces jumonjinensis* (*cpe^{sl}*)**

ATGATCGAAGCTGCCGGTCCGTCCCCAGCGCCGCCAGGCCGCGCTCGCCGCCGACGGTCCCCGATGGGCGAGGCGGCC
 GGTGGGCGGTGAATTTACTCACGGCGCCGACATCGCCTCTGACGAGGAAATGGCCGCACGTTTCATGCCACCTTCGGGGCC
 GGAGTCGCGGGCAAGTTCTCCCCACTCTTCGCGAGTGGCGGGCGCAGGGCCCCTACACCGTCGAGGACTACCAGGCGGTG
 CCCACAAGAGCTGGGTACGCTGACGGGGCCTCGGGCGAACGCCACACCCTGTCGCTGACGCTCGACTCCAACGGGGTGAT
 CCGCATCCTCACCTCCGGCCCCGAAATGGCGATCCCGCAGACGCGGACCTGGGACGAGCTGGAGGAGGCGCTGCGCATAACC
 GGCATCGAGCACTCCGTGCTCGCCGCCGGCTCACCCCTCGGGGCCGTCGTCCTGCATGAGACGGACGCCGACCGGCCGAT
 GGCCACCGGTTCGGCGAACAAAGCTCTATGTGATGCGCGCGCTCATCGAGGCGCTGGAGAGCGGGAAGATCAGCTGGGACGA
 CGAGGTCACCGTCACACCGGAGCTGCGCAGTCTGCCACGGGCGATATGACGAGCCTCCCGACGGGACCCGGGTCTCGGTG
 CGCGAGACGGCGACAAGATGATCGTGCTGAGCGACAACACGGCCGCCGACATCTTCGTGGACCGGCTGGGCCGGGACGCC
 GTGGAGCGCGCGTGGCGGCTCCGGGCACCATGACCCGGCCCTGATGCGTCCGTTCTGAGCAGCCAGGAGTTCTCGAAC
 TCGGCTGGGGCGCGCGGGAGAGGCGTGCCGAGTGGACGCGGGCGGACGAGGCCGGGCGGCGGAGATGCTGCGCGGGAT
 CACCGGGCCGATGACCGTGCGCGGCTCCGACCTGGGCGAGACGGTGACACAGCTGGGCATCGACTGGATGATGAACGCCTAC
 GACGTGCTCCATGTCCTGGCGGGGCTCATGGAGGACAGTGGAGCGGGATAACCACCGGCGCCGTCGAGCGGATCCTGACCGCCT
 ATCCGGGCATCGTCGCCACCCGCCATCTGGGGCAGGGTGTACTTCAAGGCCGGCTCGTCCCCGGCGTGATGATGTTCTGC
 TGGCTGCTCCAGAACCGGGCCGGCGAAACGTATGTCCTGGTGTGTCGGCAGATGGCCGATGAGCAGAAGCCCATCGGCGAC
 GGCCTGTATCTGCGCGGAGTCGGCGCCCGTGCATCGAGTCCGGCCTGCTGGAGTCCGGCGCGGCCGTCGGCGCGCGGCCA
 GACAGGCGGACGGGGTCAGCACCCCATGA

>*Streptomyces katsurahamanus* (*cpe^{sk}*)

ATGATCGAAGCTGCCGGTCCGTCCCCAGCGCCGCCAGGCCGCGCTCGCCGCCGACGGTCCCCGATGGGCGAGGCGGCC
 GGTGGGCGGTGAATTTACTCACGGCGCCGACATCGCCTCTGACGAGGAAATGGCCGCACGTTTCATGCCACCTTCGGGGCC
 GGAGTCGCGGGCAAGTTCTCCCCACTCTTCGCGAGTGGCGGGCACAGGGCCCCTACACCGTCGAGGACTACCAGGCGGTG
 CCCACAAGGGCTGGGTACGCTGACGGGACCGGCGGGCGAACGCCACACCCTGTCGCTGACGCTCGACTCCAACGGGGTGAT
 CCGCATCCTCACCTCCGGCCCCGAGATGGCGATCCCCAGACGCGGACCTGGGACGAGCTGGAGGAGGCGCTGCGCATAACC
 GGCATCGAGCACTCCGTGCTCGCCGCCGGCTCACCCCTCGGGGCCGTCGTCCTGCATGAGACGGACGCCGACCGGCCGAT
 GGCCACCGGTTCGGCGAACAAAGCTCTATGTGATGCGCGCGCTCATCGAGGCGCTGGAGAGCGGGAAGATCAGCTGGGACGA
 CGAGGTCACCGTCACACCGGAGCTGCGCAGTCTGCCACGGGCGATATGACGAGCCTCCCGACGGGACCCGGGTCTCGGTG
 CGCGAGACGGCGACAAGATGATCGTGCTGAGCGACAACACGGCCGCCGACATCTTCGTGGACCGGCTGGGCCGGGACGCC
 GTGGAGCGCGCGTGGCGGCTCCGGGCACCATGACCCGGCCCTGATGCGTCCGTTCTGAGCAGCCAGGAGTTCTCGAAC
 TCGGCTGGGGCGCGCGGGAGCGGCGCGCCGAGTGGACGCGGGCGGACGAGGCCGGGCGGCGGAGATGCTGCGCGGGAT
 CACCGGGCCGATGGCCGTGCGCGGCTCCGACCTGGGCGAGACGGTGACACAGCTGGGCATCGACTGGATGATGAACGCCTAC
 GACGTGCTCCATGTCCTGGCGGGGCTCATGGAGGACAGCGAGCGGGATAACCACCGGCGCCGTCGAGCGGATCCTGACCGCCT
 ATCCGGGCATCGTCGCCACCCGCCATCTGGGGCAGGGTGTACTTCAAGGCCGGCTCGTCCCCGGCGTGATGATGTTCTGC
 TGGCTGCTCCAGAACCGGGCCGGCGAAACGTACGTCCTGGTGTGTCGGCAGATGGCCGACGAGCAGAAGCCCATCGGCGAC
 GGCCTGTATCTGCGCGGAGTCGGCGCCCGTGCATCGAGTCCGGCCTGCTGGAGTCCGGCGCGGCCGTCGGCGCGCGGCCA
 GACAGGCGGACGGGGTCAGCACCCCATGA

S3 Fig. DNA sequences of *cpe* homologues from *S. jumonjinensis* and *S. katsurahamanus*. The complete gene sequences starting from initiation (ATG) to the stop (TGA) codon for each gene were determined as part of the current study and are reported.