

Supplementary gene sequences

16S rRNA gene sequence fragments of the phytoplasma strains CmPII-hn and CmPXXXII-hn, 16S rRNA and β -operon gene sequence fragments of the *Candidatus* Liberibacter asiaticus strain CmLas-hn as well as their GenBank accession numbers are shown as follows:

>CmPII-hn, 16S rRNA gene, partial cds (ON159857)

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AGCAACCTACCCTAAAGACGAGGATAACCATTGGAAACAGTGGCTAAGACTGGATAGGAAGAT
AAAAGGCATCTTGTATCTTTTAAAAGACCTAGTTAATAGGTATGCTTTAGGAGGGGCTTGCGCCA
TATTAGTTAGTTGGTAGGGTAATGGCCTACCAAGACGATGATGTGTAGCTGGACTGAGAGGTTG
AACAGCCACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAGGCAGCAGTAGGGAATTTTC
GGCAATGGAGGAAACTCTGACCGAGCAACGCCGCGTGAATGACGAAGTACTTCGGTATGTAAA
GTTCTTTTATCGAGGAAGAAAAGCAAATGGCGAACCATTTGTTTGCCGGTACTTGATGAATAAG
CCCCGGCTAATTATGTGCCAGCAGCCGCGGTAAGACATAAGGGGCAAGTGTTATCCGGAATTAT
TGGGCGTAAAGGGTGCGTAGGCGGTCTAGTAAGTCAGTGGTGTAAATGGCAACGCTTAACGTTGT
CCGGCTATTGAAACTGCTAAACTTGAGTTAGATAGAGGCGAGTGGAATTCCATGTGTAGCGGTA
AAATGCGTAAATATATGGAGGAACACCAGAGGCGTAGGCGGCTCGCTGGGTCTTAAGTACGCT
GAGGCACGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGAT
GAGTACTAAGTGTCGGGTAAACCGGTACTGAAGTTAACACATTAAGTACTCCGCCTGAGTAGT
ACGTACGCAAGTATGAAACTTAAAGGAATTGACGGGACTCCGCACAAGCGGTGGATCATGTTGT
TTAATTCGAAGATACCCGAAAAACCTTACCAGGTCTTGACATGTTTTTGCAAAATGATAGTAATA
TCGTGGAGGTTACCAGAAACACAGGTGGTGCATGGTTGTCGTCAGCTCGTGTCTGTGAGATGTTA
GGTTAAGTCCTAAAACGAGCGAAACCCCTTATCGTTAGTTGCCAGCACGTTATGGTGGGGACTTTA
ACGAGACTGCCAATGATAAATTGGAGGAAGGTGAGGATCACGTCAAATCAGCATGCCCTTATG
ACCTGGGCTACAAACGTGATACAATGGCTGTTACAAAGGGTAGCTGAAACGCAAGTTCTTGGCC
AATCCCCAAAAACAGTCCCAGTCCGGATTGAAGTCTGCAACTCGACTTCATGAAGTTGGAATCG
CTAGTAATCGCGAATCAGCATGTGCGGGTGAATACGTTCTCGGGGTTTGTACACACCGCCCGTCA
AACCACGAAAGTTGGCAATACCCCAAAACGGTAGC
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>CmPXXXII-hn, 16S rRNA gene, partial cds (ON159856)

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CTGCCTTTAAGACGAGGATAACAAGTGGAAACATTTGCTAAGACTGGATAGGAAATAGAAGGAT
AACCTTTTATTTTTAAAAGACCTTCTTCGGAAGGTATGCTTAAAGAAGGGCTTGCGCCACATTAG
TTAGTTGGTAGGGTAAAAGCCTACCAAGACTATGATGTGTAGCTGGACTGAGAGGTTGAACAGC
CACATTGGGACTGAGACACGGCCCAAACCTCCTACGGGAGGCAGCAGTAGGGAATTTTCGGCAAT
GGAGGAAACTCTGACCGAGCAACGCCGCGTGAACGAAGAAGTATTTAGGTATGTAAAGTTCTTT
TATTGAAGAAGAAAAAATAGTGGAAGAACTATCTTGACGCTATTCAATGAATAAGCCCCGGCTA
ACTATGTGCCAGCAGCCGCGGTAAGACATAGGGGGCGAGCGTTATCCGGAATTATTGGGCGTAA
AGGGTGCGTAGGCGGTTAGATAAGTCTATAATTTAATTTTCAGTGCTTAACGCTGTTCTGTTATAG
AAACTGTCTAGCTAGAGTGAGATAGAGGCAAGTGGAATTCCATGTGTAGCGGTAAAATGTGTAA
ATATATGGAGGAACACCAGAAGCGTAGGCGGCTTGCTGGGTCTTTACTGACGCTGAGGCACGAA
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AGCGTGGGTAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGAGTACTAAGT
GTCGGGGTTAAACTCGGTACTGAAGTTAACACATTAAGTACTCCGCCTGAGTAGTACGTACGCA
AGTATGAACTTAAAGGAATTGACGGGACTCCGCACAAGCGGTGGATCATGTTGTTTAATTCGA
AGATACACGAAAAACCTTACCAGGTCTTGACATACTCTGCAAAGCTATAGAAATATAGTGGAGG
TTATCAGGGATACAGGTGGTGCATGGTTGTCGTCAGCTCGTGTCTGAGATGTTAGGTAAAGTCC
TAAACGAGCGCAACCCTTGTCTTAATTGCCAGCACGTTATGGTGGGGACTTTAGCGGAGACTG
CCAATTAATAAATTGGAGGAAGGTGAGGATTACGTCAAATCATCATGCCCTTATGATCTGGGCT
ACAAACGTGATACAATGGCTGTTACAAAGAGTAGCTGAAATGCGAGTTTTTAGCCAATCTCAAA
AAAGCAGTCTCAGTTCGGATTGAAGTCTGCAACTCGACTTCATGAAGTTGGAATCGCTAGTAATC
GCGAATCAGCATGTCTCGCGGTGAATACGTTCTCGGGGTTTGTACACACCGCCCGTCAAACCACGA
AAGTTGATAATAC

>CmLas-hn, 16S rRNA gene, partial cds (ON080846)

AACGTGTGCTAATACCGTATACGCCCTATTGGGGGAAAGATTTTATTGGAGAGAGATGAGCCTG
CGTTGGATTAGCTAGTTGGTAGGGTAAGAGCCTACCAAGGCTACGATCTATAGCTGGTCTGAGA
GGACGATCAGCCACACTGGGACTGAGACACGGCCAGACTCCTACGGGAGGCAGCAGTGGGGA
ATATTGGACAATGGGGGCAACCCTGATCCAGCCATGCCGCGTGAGTGAAGAAGGCCTTAGGGTT
GTAAAGCTCTTTGCGCGGAGAAGATAATGACGGTATTCGGAGAAGAAGCCCCGGCTAACTTCGT
GCCAGCAGCCGCGTAATACGAAGGGGGCGAGCGTTGTTGGAATAACTGGGCGTAAAGGGCG
CGTAGGCGGGCGATTAAGTTAGAGGTGAAATCCCAGGGCTCAACCTTGGAAGTGCCTTTAATAC
TGGTTGTCTAGAGTTTAGGAGAGGTGAGTGAATTCCGAGTGTAGAGGTGAAATTCGTAGATAT
TCGGAGGAACACCGGTGGCGAAGGCGGCTCACTGGCCTGATACTGACGCTGAGGCGCGAAAGC
GTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCACGCCGTAAACGATGAGTGCTAGCTGTT
GGGTGGTTTACCATTCAAGTGGCGCAGCTAACGCATTAAGCACTCCGCCTGGGGAGTACGGTCGC
AAGATTAATAACTCAAAGGAATTGACGGGGGCCGACAAGCGGTGGAGCATGTGGTTTAATTCG
ATGCAACGCGCAGAACCTTACCAGCCCTTGACATGTATAGGACGATATCAGAGATGGTATTTTC
TTTTCGGAGACCTTTACACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTCTGAGATGTTGGGTT
AAGTCCCGCAACGAGCGCAACCCCTGCCTCTAGTTGCCATCAAGTTTAGGTTTTTACCTAGATGT
TGGGTACTTTATAGGGACTGCCGGTGATAAGCCGGAGGAAGGTGGGGATGA

>CmLas-hn, β -operon gene fragment, partial cds (ON098932)

GGATTCCTTTTTCGCTATCGGATCGCTTCTTTTTTGTAAAGGGATGCGTTAGGATTTTTGTTCTTCTT
CGAAATCAAGATATGAAAATATTTTCTTGGTATAGATATAGGAAAAGGAATGGGTATATTTGTC
ATCTGGAGATGAAAGTTGAATAGACAAGGAAAGAGCGTAGAAATTTCTGAATTAAGTAAGATTT
TTTCTTCTTCTGGATCAATTGTTGTTGCACATTATAAGGGAATTAGTGTGCGCAAATTAAGAT
CTTCGGAAAAAGATGCGGGAAGCTGGTGGAGGTGTAAAGTTGCCAAAAATCGTCTCGTCAAGA
TTGCTATCCGTGATACTAGTATTAGAGGAATATCTGATCTTTTCGTTGGGCAGTCTCTAATTGTCT
ATTCGGATAGTCCTGTTATTGCTCCTAAAATTCGGTTAGCTTTTCAAATGACAATAATGAATTTA
GAGTTCTTGGTGGGGTTGTAGAGAAGGGCGTCCTTAATCAAGATTCTATCAAGCAAATTGCTTCT
TTACCCGATCTTGAGGGTATTCGAGCTGGTATCATAAGTGCTATCCAATCTAATGCAACT