

Detection, Identification and Molecular Characterization of the 16SrII-V Subgroup Phytoplasma Strain Associated with *Pisum sativum* and *Parthenium hysterophorus* L.

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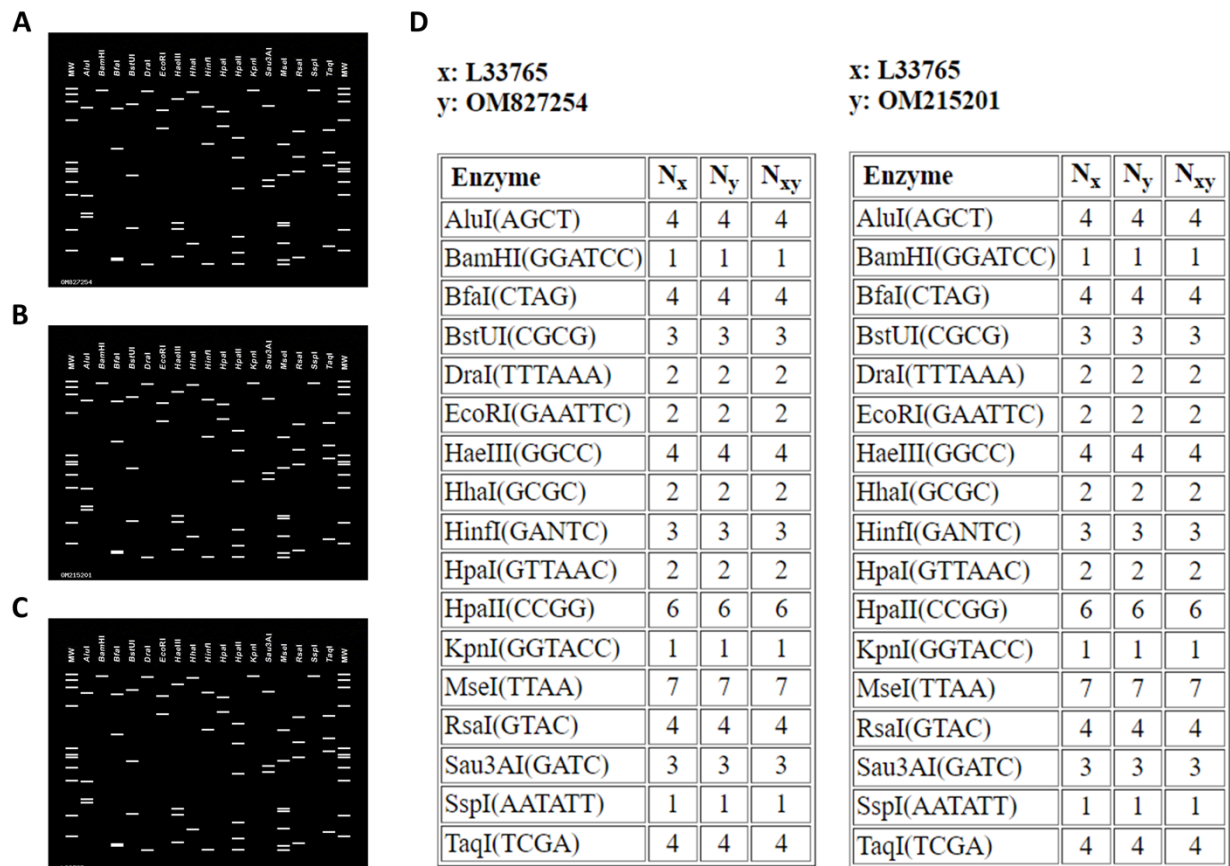
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Figures and Tables



Supplementary Figure S1. The virtual RFLP pattern analysis by *iPhyClassifier*. *In silico* digestion of the 1.2 kb DNA fragment of the 16S rRNA gene of *Pisum sativum* witches' broom phytoplasma (accession No. OM827254) (**A**), *Parthenium hysterophorus* witches' broom phytoplasma (accession No. OM215201) (**B**), and peanut witches' broom phytoplasma (accession No. L33765) (**C**) were performed to generate the virtual RFLP patterns. **D**, The comparison details of virtual RFLP patterns of L33765 (x) and OM827254 (y) or OM215201 (y) are presented. N_x and N_y are the total numbers of DNA fragments resulting from enzyme digestions in x and y, respectively. N_{xy} is the number of DNA fragments shared by x and y.

Supplementary Table S1 Primer sequences

Name	Sequence	
P1	5' AAGAGTTTGATCCTGGCTCAGGATT 3'	For
P7	5' CGTCCTTCATCGGCTCTT 3'	Rev
R16F2n	5' GAAACGACTGCTAAGACTGG 3'	For
R16R2	5' TGACGGGCGGTGTGTACAAACCCCG 3'	Rev
Imp F	5' ATCG <u>GGATCC</u> ATAAAAACATTAACAACATAAGAT 3' ^a	EPWB IMP (-TM) For
Imp R	5' CTAG <u>CTCGAG</u> TTATGATTGTAATTTTAAGTCTGT 3' ^b	EPWB IMP (-TM) Rev
PHYL1 F	5' CCAAAATATGTAACTCGTGC 3'	Phytoplasma PHYL1 for
PHYL1 R	5' TGTTTCATATTATGAAAACCTCC 3'	Phytoplasma PHYL1 rev
SAP11 F	5' TTGAAACCAACCAACTTATAG 3'	Phytoplasma SAP11 for
SAP11 R	5' ACTG <u>CATATG</u> ATCCCGAATGAGGAATTCATC 3' ^c	Phytoplasma SAP11 rev

^a Underline indicates the restriction enzyme cut site for BamHI.

^b Underline indicates the restriction enzyme cut site for XhoI.

^c Underline indicates the restriction enzyme cut site for NdeI.