

INRA-BDX collection of phytoplasma, spiroplasma and liberibacter strains
maintained in *Catharanthus roseus* (PACIFICA XP POLKA DOT)

Date: 06-2018

Spiroplasma citri (strain GII3)

Spiroplasma kunkelii (E275)

'*Candidatus Liberibacter asiaticus*' (strain China)

PHYTOPLASMAS

Name of the isolate	16Sr taxonomic group
16SrI	
AY-WHITCOMB Candidatus Phytoplasma asteris	16SrI
AKV	16SrI
Cactus proliferation	16Sr-I
CHLORANTIE DU CHOU	16SrI
GREEN VALLEY	16SrI
Phyllodie Argentine	16SrI
Potato-purple-Top	16SrI
PRIMULA BLUE	16SrI
PRIMULA-GREEN	16SrI
PRIMULA-RED	16SrI
PRIMULA-YELLOW	16SrI
SEVERE-AY	16SrI-B
CY TORINO	16SrI
KVF-Clover-phyllody France	16SrI-C
16SrII	
CLEOME-PHYLLODY	16SrII-A
COTTON-WB	16SrII-F
SESAME-PHYLLODY	16SrII-A
FAP FABA BEAN PHYLLODY	16SrII-C
SOYBEAN-PHYLLODY	16SrII-C
SWPLL Sweet Potato Little Leaf	16SrII-D
TBB Tomato Big Bud	16SrII-D
16SrIII	
PLN-V6	16SrIII
SOLANUM-MARGINATUM SBB- Ecuador	16SrIII
VACCINIUM-WB	16SrIII
PEACH-WX - Candidatus Phytoplasma pruni	16SrIII-A
16SrV	
EY1 – Candidatus Phytoplasma ulmi	16SrV-A
ALY	16SrV-C
FD-70 (map-FD1)	16SrV-C
EY38 (PGY-C)	16SrV-C
EY17-49 (PGY-A)	16SrV-C
FD-CAM05 Flavescence dorée map-FD1	16SrV-C
FD-PEY05 Flavescence dorée map-FD2	16SrV-D
FD92 Flavescence dorée map-FD2	16SrV-D

RuS - Candidatus Phytoplasma rubi	16SrV-E
16SrVI	
BLL Brinjal Little Leaf	16SrVI
E36-PHYLLODIE-SOUDAN	16SrVI
ESPAGNE III	16SrVI
PTL Lebanon Tomato – Candidatus Phytoplasma trifolii	16SrVI
ALFAFA-MORVAN Luzerne (LUM)	16SrVI
16SrVII	
ASHY-3 - Candidatus Phytoplasma fraxini	16SrVII-A
16SrIX	
PEY	16SrIX
16SrX	
AP15-Apple proliferation Candidatus Phytoplasma mali	16SrX-A
AT-Apple proliferation- Candidatus Phytoplasma mali	16SrX-A
ESFY-Italy Candidatus Phytoplasma prunorum	16SrX-B
GSFY2- Candidatus Phytoplasma prunorum	16SrX-B
PEAR-DECLINE (PD1)- Candidatus Phytoplasma pyri	16SrX-C
16SrXII-A	
STOLBUR-C FRANCE- Candidatus Phytoplasma solani	16SrXII-A
P7 Candidatus Phytoplasma solani LIBAN-	16SrXII-A
MOLIERE Candidatus Phytoplasma solani	16SrXII-A
PO Candidatus Phytoplasma solani	16SrXII-A
Red-Pepper (STOL) Candidatus Phytoplasma solani	16SrXII-A
GGY – VKII Candidatus Phytoplasma solani	16SrXII-A
DEP Candidatus Phytoplasma solani	16SrXII-A
T2-92 Candidatus Phytoplasma solani	16SrXII-A
T2-56 Candidatus Phytoplasma solani	16SrXII-A
CHAMPLONG Candidatus Phytoplasma solani	16SrXII-A
RQ CIVRAC 2012 Candidatus Phytoplasma solani	16SrXII-A
HO Alsace-JLD 2012 Ca P. solani (Equivalent German strain 19-25-VKI)	16SrXII-A
HO Mourens-JLD2013 Ca P. solani	16SrXII-A
HO RQ CIVRAC 2013 Ca P. solani	16SrXII-A
REP2- Candidatus Phytoplasma solani Hungary Reptalus quiquecostatus	16SrXII-A
16SrXV	
SURINAM-VIRESCENCE- Candidatus Phytoplasma brasiliense	16SrXV