

Online Resource Table S2. Additional information relating to the LAMP assays. Checklist of MIQE précis with details on parameters associated with SecA LAMP assay and list of primers developed for detection of BNp. For easier presentation, certain secA LAMP assay parameters are referenced to the section, where they are described, in the manuscript.

Parameter	Additional information
Sample/Template	
Source	Plant (grapevine) tissues
Method of preservation	During preparation – on ice/4 °C; stored on -20 °C
Storage time	Up to 2 years (plant material)
Handling	Fresh
Extraction method	QuickPick™ SML Plant DNA kits (Bio-Nobile) with ELISA buffer (Kogovšek et al., 2015) and KingFisher (Thermo Scientific) (Mehle et al., 2013b)
SecA assay optimisation/validation	
Accession number	FO393428, <i>secA</i> gene
Amplicon details	Amplicon length: 213 Nt
Primer sequence	Table in the manuscript
<i>In silico</i>	Specific for 16SrXII group of phytoplasmas (Stolbur group)
empirical	Different temperatures of amplification tested
Linear dynamic range	Sensitivity of the assay determined by testing samples with various target concentrations
Limits of detection	Analytical sensitivity by testing dilution series
Intra-assay variation	See data on the repeatability in the main manuscript
LAMP	
Protocols	See Material and methods in the main manuscript
Reagents	See Material and methods in the main manuscript
No template control	Included; no amplification and no melting curve signals were detected
Positive control	See data about the reproducibility in the main manuscript
Data analysis	
Specialist software	Software in Genie II (Optigene) or with the Roche LC480 instrument