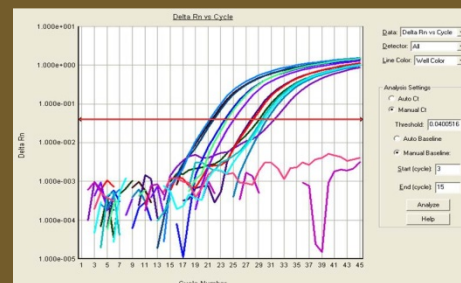
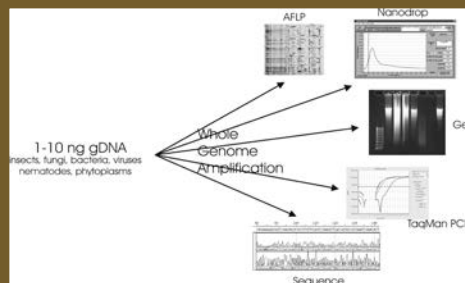


# Development of validated procedures for whole genome amplification of DNA/RNA for quarantine plant pathogens and pests (Q-AMP)



## Funding

Real Common Pot via a competitive call. There can be a transnational flow of funds. Total funding € 257,000.

## Research consortium

Netherlands: Plant Research International (PRI), Plant Protection Service (PPS); UK: The Food and Environment Research Agency (Fera)

## Contact information

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## Goals

To develop procedures for optimal whole genome amplification (WGA), storage and transfer of DNA/RNA material from quarantine plant pathogens.

## Objectives

- Develop and validate protocols for whole genome amplification (WGA) of extracted DNA and RNA samples from quarantine and regulated plant pests/pathogens.
- Develop protocols for the correct storage of extracted DNA/RNA and/or WGA amplified material from quarantine and regulated plant pests/pathogens.
- Develop protocols for the correct transportation of extracted DNA/RNA and/or WGA amplified material from quarantine and regulated plant pests/pathogens.

## Key outputs and results

- Universal WGA procedures developed and validated for quarantine plant pathogens and pests of importance for the EU.
- Universal DNA storage procedures developed.
- Universal DNA transportation procedures developed.