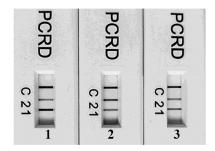
Multiplex recombinase polymerase amplification assay developed using unique genomic regions for rapid on-site detection of genus *Clavibacter* and *C. nebraskensis* 

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## SUPPLEMENTARY INFORMATION



**Fig. S1.** RPA assay optimization for primer and probe concentration. Multiplex RPA reactions were performed following the provider instructions. *Clavibacter*-specific primer/probe concentrations were evaluated against *Cn*-specific primer/probe set. 1) low (*Cn* 1.2 μL/1.4 μL; *Clavibacter* 0.8 μL /0.6 μL); 2) equal (*Cn* 1.2 μL/0.8 μL; *Clavibacter* 1.2 μL/0.8 μL); and 3) high (*Cn* 1.5 μL/0.9 μL; *Clavibacter* 1.0 μL/0.6 μL).

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