

Identification of RT-qPCR reference genes suitable for gene function studies in the pitaya canker disease pathogen *Neoscytalidium dimidiatum*

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Supplementary figures and tables

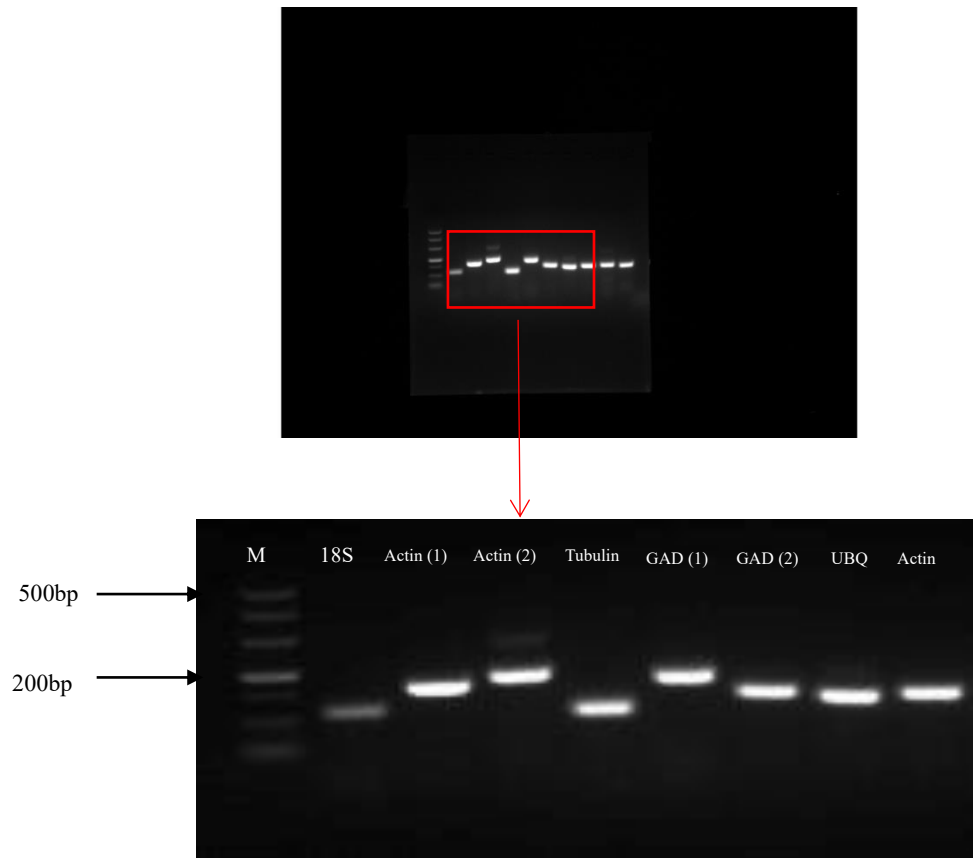


Figure S1. Agarose gel electrophoresis detection for specificity of RT-qPCR products. The results showed specific RT-qPCR products for each gene with expected size. M lane was DNA marker.

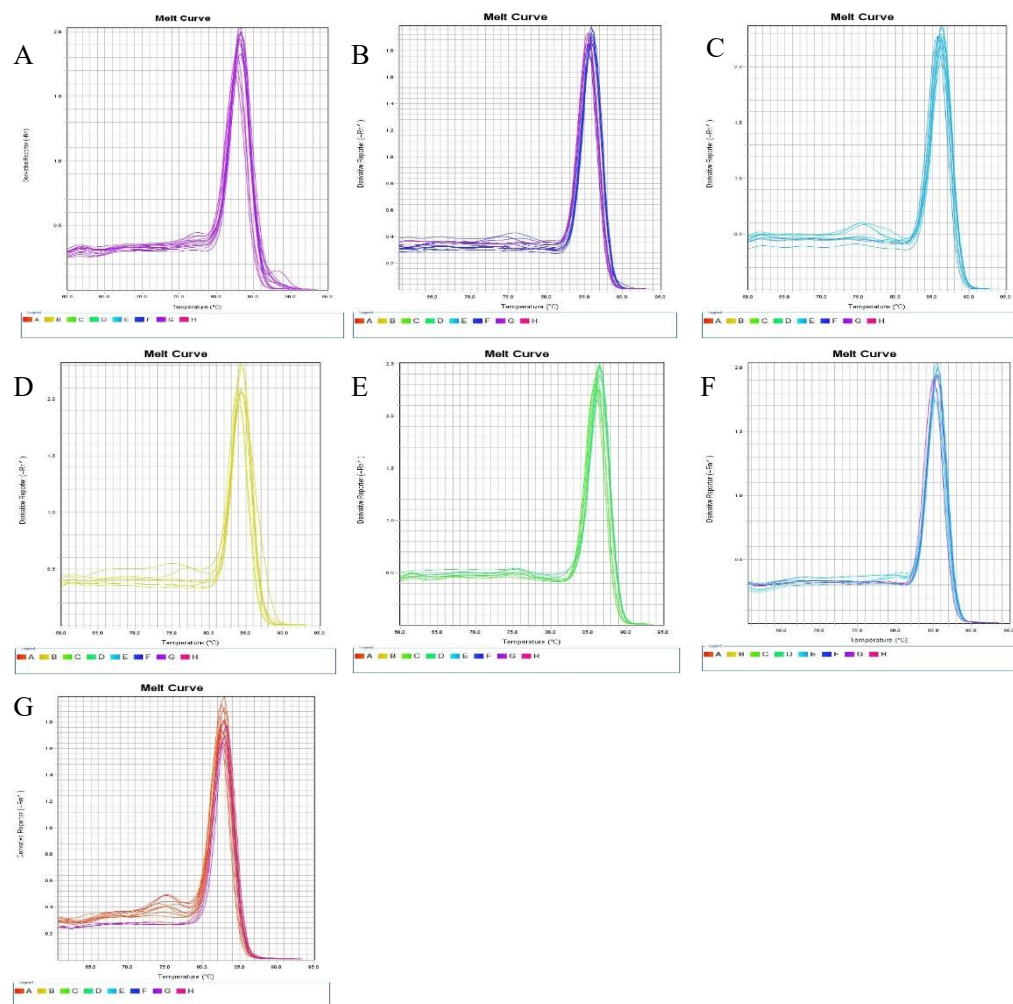


Figure S2. Melting curves of RT-qPCR for all the candidate reference genes. A: *UBQ*, B: *Actin*, C: *Actin* (1), D: *Tubulin*, E: *GAPDH* (1), F: *GAPDH* (2), G: *18S rRNA*.

Table S1. Sequence information of *pectinase* genes from *Neoscytalidium dimidiatum*.

Gene abbreviation-*pectinase*. **Gene ID-**ND3060. **Length-**759 bp.

Gene sequence -

ATGTTCTCCAAGCTTTTCCTGCTCCCCCTCCTGGCGGGCTTCCGCCCTGGCTGCTCCTGC
CGACGACACTTTCGGCTACGAGCTCGTTCGCCGTGCGAACTTCCCTATCCCTGCCTCCA
AGGGAAGTGTCAAGTACAGCTCTGCCAAGACCATCTCCGGCACCTTCGATGGTGGCTT
GAAGACCTACGGCCGTGGTGTCAAGTGCACTGGCCAGGCCGAGGGTGGTGACAAGGA
TGCCGTTTTTCATCCTCGAGAACGGGGCCACCCTGAAGAACGCCATCATTGGCGCCGAC
CAGATCGAGGGTGTCCACTGCAAGGGCTCCTGCACCATCGAGAACGTCTGGTGGGCC
GCGGTCTGCGAGGACGCTCTCTCCCTGAAGGGCGACGGCAACGCCAAGGTTATTGGC
GGTGGTGCCACCGGCGCCGACGACAAGGTCATTTCAGCACAACGGTATCGGCTCCGTTT
CCATCGACGGCTTCACCGTCGCCGACTTCGGCAAGCTCTACCGCTCTTGCGGTAATTGC
AAGGGTAACGGCGGCAAGCGTACTGTCACCATCAAGAACGTCAAGGCCTCCAACGGC
AAGCTCCTCGCTGGTATCAACTCCAACCTACGGCGACACTGCTACCATCACCGGCACTT
GCGCTACCTCCGTCAAGAAGGTCTGCACTGAGTTCAAGGGCAACAACAACGGCAAGG
AGCCACCGAGATCAGCTCCGGCTCCAGCAACGCCTGCAAGTACTCTTCCATCAAGGC
TTGCTAG