

SUPPLEMENTARY FILE / Table 1.

| | Target | primers | sequence (5' - 3') | size (bp) | Molarity | E | Tm (°C) | References |
|------------------|---------------------|---|--|-----------|----------|------|----------|------------------|
| Qualitative PCR | <i>AmFV</i> | AmFV-F AmFV-R | CAGAGAATTCGGTTTTTTGTGAGTG CATGGTGGCCAAGTCTTGCT | 551 | 0.4 µM | n.a. | 56 | [1] |
| | <i>N. ceranae</i> | Ncer-F Ncer-R | CGGATAAAAGAGTCCGTTACC TGAGCAGGGTTCTAGGGAT | 250 | 0.4 µM | n.a. | 56 | [2] |
| | <i>N. apis</i> | Napis-F Napis-R | CCATTGCCGGATAAGAGAGT CCACCAAAAACCTCCAAGAG | 269 | 0.4 µM | n.a. | 56 | [2] |
| | <i>C. mellifica</i> | TryB-R106 TryA-R40 | GTTGACGGAATCAACCAAAACAAAT GCGTCAGAGGTGAAATTCTTAGACC | 715 | 0.4 µM | n.a. | 56 | [3] |
| | Target | primers | sequence (5' - 3') | size (bp) | Molarity | E | Tm* (°C) | References |
| Quantitative PCR | <i>AmFV</i> | AmFV2-F AmFV2-R | ACCCAACCTTTTGCGAAGCGTT ATGGGGCGTCTCGGGTAACCA | 97 | 0.3 µM | 1.93 | 77.6 | This publication |
| | <i>N. ceranae</i> | qNcer-F qNcer-R | AAGAGTGAGACCTATCAGCTAGTTG ATCTCTCATCCAAGAGCATTGC | 104 | 0.3 µM | 1.90 | 76.7 | [4] |
| | <i>β-Actin mRNA</i> | A.m. β-Actin-q92F A.m. β-Actin-q157R | CGTTGTCCCGAGGCTCTTT TGTCTCATGAATACCGCAAGCT | 66 | 0.4 µM | 1.97 | 79.6 | [5] |

*Tm of the PCR amplicon calculated from the dissociation curve

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