**1. Target region:**

>rns\_trnY\_trnD\_trnS\_trnN\_cox3 B. bassiana strain GYU-BMZ04

GGAGTTTATACAATAAGTTTGCTCTTTTATAGTAAAAAAATAAAATAATTAGATTTTGTATATATTATTATAAAATTCTTCGCATGTATAGCTCTAATTAGTGTTAAGTCGAAATACGGTTCGCGTAGTGGAAGTTGCGCGGGAATAATTGATCCTGAACAATAGATAAGAGAGTTAGCTTAATGCTACTCTTAAGGAGGGTTCCTTTATTGGCAAGAAGGGCTAAACTGTAAATTTAGTACATTATAATGTTTTGAGGGTTCGAATCCCTCGTCTCCTATTAGATCTAGTAACTTAATAGGTAAAGGATTTCCTTGTCACGGAAATAGATGTCGGTTCGATGCTGATCTAGGTCGAGATTAATTTAAAGCACTAGCTTGCGCTATTTTTTTTAACAAAAAAATATAAAGCAGTGATTTAGCTTTAACTCACAGGAAAAATCTCCATTGGTAGGGTAAGACACTTGCTATGTGTTATGTTTTTACATTTAGGTGTTCGATTCACCTTTTTTCCGTCAAAGTTCTTATAGCTCAACGGTAGAGCATAATACTGTTAATATTATGATAAATGTTCGATTCATTTTAAGGACTCATATATAAATAAAGAAATCTTTATTCAGTAAACTTAAGCTAGAAAATTAATAACAAAAAACATGACAAATTTAACAAGAAATCATTTTCAAGATCATCCTTTTCATTTAGTATCTCCTAGTCCTTGACCTTTATATACAAGTATATCATTGTTTAC

note: Nucleotides of *rns* were highlighted in yellow colour. Nucleotides of *trnY* were highlighted in green colour. Nucleotides of *trnS* were highlighted in purple colour. Nucleotides of *trnN* were highlighted in blue colour. Nucleotides of start codon of *cox3* were showed in red colour. Nucleotides of the cDNA primers were underlines.

**2. cDNA PCR amplification**

size：747bp

Primer:

rns\_trnY\_trnD\_trnS\_trnN\_cox3\_F: GGAGTTTATACAATAAGTTTGC

rns\_trnY\_trnD\_trnS\_trnN\_cox3\_R: GTAAACAATGATATACTTGT

**sequencing result：**

>rns\_trnY\_trnD\_trnS\_trnN\_cox3\_1

AGATTTTGTATATATTATTATAAAATTCTTCGCATGTATAGCTCTAATTAGTGTTAAGTCGAAATACGGTTCGCGTAGTGGAAGTTGCGCGGGAATAATTGATCCTGAACAATAGATAAGAGAGTTAGCTTAATGCTACTCTTAAGGAGGGTTCCTTTATTGGCAAGAAGGGCTAAACTGTAAATTTAGTACATTATAATGTTTTGAGGGTTCGAATCCCTCGTCTCCTATTAGATCTAGTAACTTAATAGGTAAAGGATTTCCTTGTCACGGAAATAGATGTCGGTTCGATGCTGATCTAGGTCGAGATTAATTTAAAGCACTAGCTTGCGCTATTTTTTTTAACAAAAAAATATAAAGCAGTGATTTAGCTTTAACTCACAGGAAAAATCTCCATTGGTAGGGTAAGACACTTGCTATGTGTTATGTTTTTACATTTAGGTGTTCGATTCACCTTTTTTCCGTCAAAGTTCTTATAGCTCAACGGTAGAGCATAATACTGGTAATATTATGATAAATGGTCGATTCATTTTAAGGACTCATATATAAATAAAGAAATCTTTATTCAGTAAACTTAAGCTAGAAAATTAATAACAAAAAACATGACAAATTTAACAAGAAATCATTTTCAAGATCATCCTTTTCATTTAGTATCTCCTAGTCCTTGACCTTTATATACA