Appendix 1.0 General solutions, culture media, DNA extraction solutions, Oligonucleotides primer, PCR reagents, agarose gel, solutions for electrophoresis and commercial kits used.

A. General solutions

Artificial seawater – 20 g of Salt Mix (Brand: Crystal Sea® Marinemix) + 1 litre of sterile water

B. Culture media

1. Corn Meal Agar/Seawater (CMA/SW) (Brand: Oxoid)

   17 g of CMA powder + 1 L of filtered artificial seawater

2. GYP Broth

   10 g/L glucose, 10 g/L yeast extract, 5 g/L peptone + 1 L of filtered artificial seawater

C. Commercial Kits

1. DNA Extraction Kit (Brand: QIAGEN - DNeasy Plant Mini Kit)

2. Purification Kit (Brand: MACHEREY-NAGEL – NucleoSpin® Extract II)

D. Oligonucleotides primer

ITS 4 – TCCTCCGCTTATTGATATGC (Tm: 53)

ITS 5 – GGAAGTAAAAAGTCGTAACAGG (Tm: {69})

E. PCR Reagents

Brand: Promega (Taq DNA polymerase, dNTPs, MgCl2 and reaction buffers)

F. Agarose gel.

4 g agarose (Brand: UltraPure™) to 400 mL TAE (Tris-acetate-EDTA) buffer.

SYBRsafe stain were added (0.1 μL per lane) to loading dye (3 μL per lane)