**Supplementary Table S1.** List of primers used in the MLST scheme development.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Locus name** | **Gene product** | **Primer sequences (from 5’ to 3’)\*** | **Annealing temperature** | **Reference** |
| *ACT* | Actin | ACT-1: TGGGACGATATGGAIAAIATCTGGCAACT-4R: TCICGTATTCTTGCTTIGAIATCCACAT | 60 | Hoffman *et al*., 2007 |
| *ATP6* | ATPase subunit 6 | ATP6-1: ATTAATTSWCCWTTAGAWCAATTATP6-2: TAATTCTANWGCATCTTTAATRTA | 60 | Kretzer and Bruns, 1999 |
| *BT2* | Beta tubulin | BT2-F: ACCCTCRGTGTAGTGACCCTTGGCBT2-R: ACCCTCRGTGTAGTGACCCTTGGC | 60 | Gilgado *et al.,* 2005 |
| *EF1α* | Elongation factor -1 alpha | EF1: ATGGGTAAGGARGACAAGACEF2: GGARGTACCAGTSATCATGTT | 50 | O’Donnell *et al.*, 1998 |
| *CAL* | Calmodulin | CL1A: TTTTTGCATCATGAGTTGGACCL2A: TTTTTGCATCATGAGTTGGAC | 52 | Gilgado *et al*., 2005 |
| *FKS* | 1,3-beta glucan synthase | FKSF1: GTCAAATGCCACAACAACAACCTFKSR1: AGCACTTCAGCAGCGTCTTCAG | 55 | Dodgson e*t al.*, 2003 |
| *SOD2* | Manganese superoxide dismutase | SOD2F3: TCACCACGATAAACACCACCSOD2R3: CGTCGATACCCAAGAGAGGA | 52 | Bernhard *et al.,* 2013 |
| *CHS* | Chitin synthase | CHS-79F: TGGGGCAAGGATGCTTGGAAGAAGCHS-354R: TGGAAGAACCATCTGTGAGAGTTG | 58 | Carbone and Kohn, 1999 |
| *mtSSU* | Mitochondrial small subunit rDNA | MS3F: TAACGGCTGAACTGGCAACMS3R: CCTGCGTTGCAACATTACTC | 60 | O’Donnell *et al.,* 1998 |
| *D1D2* | Large subunit rDNA | F63: GCATATCAATAAGCGGAGGAAAAGLR3: GGTCCGTGTTTCAAGACGG | 50 | Scorzetti *et al.,* 2002 |
| *TUB* | Beta tubulin | TUB2F: CTGTCCAACCCCTCTTACGGCGACCTGAACTUB2R: ACCCTCACCAGTATACCAATGCAAGAAAGC | 55 | Cruse *et al.,* 2002 |
| *RPB1* | RNA polymerase I subunit | gRPB1-A: CNGCDATNTCRTTRTCCATRTAfRPB1-C: NGCDATNTCRTTRTCCATRTA | 50-57 | Matheny *et al.,* 2002 |
| *RPB2* | RNA polymerase II subunit | RPB2-5F: GAYGAYMGWGATCAYTTYGGRPB2-7R: CCCATRGCTTGYTTRCCCAT | 55 | Liu *et al.,* 1999 |
| *GLN* | Glutamine synthetase | GLN-F: GAGATAGTCAAGAATAAAAAAGTGLN-R: ATCTCTTTCATCTTTTGGACC | 55 | Bougnoux *et al.,* 2002 |
| *ZRF2* | Zinc transporter | ZRF2-F: CTCATCCAAGCTTGTTTCCZRF2-R: GTACCGCATCACCATCAA | 50 | Bain *et al.,* 2007 |
| *VPS13* | Vacuolar protein sorting protein | VPS13-F: TCGTTGAGAGATATTCGACTTVPS13-R: ACGGATGGATCTCCAGTCC | 55 | Bougnoux *et al.,* 2002 |
| *AAT1* | Aspartate aminotransferase | AAT1-F: ACTCAAGCTAGATTTTTGGCAAT1-R: CAGCAACATGATTAGCCC | 55 | Bougnoux *et a*l., 2002  |
| *MP1* | Cell wall mannoprotein | MP1-F: CAAGCCCTCCAGAAAGGTATCCAMP1-R: CTTTGTGGAGACCAATTCGCTGA | 50 | Lasker, 2006 |
| *BGT1* | Beta-1,3-glucanosyl transferase | BGT1-F: GATCGGTTGCCAGTCTTTGABGT1-R: AATGGACGCAGAATGAAACT | 50 | Bain *et al.,* 2007 |
| *LIP* | Lipase | LIP-F: CGCCTCACTTCTCCTCALIP-R: TGCGAAATGGCTGACG | 50 | Bain *et al.,* 2007 |
| *CAT* | Catalase | CAT-F: AGCTCAACCGTCGTGATCAT-R: TGCCATGCCCAGACATA | 50 | Bain *et al.,* 2007 |
| *IGS* | Intergenic spacer region | Ma-18S4- F: TAATGAGCCATTCGCAGTTTCGCTGMa-IGS1-R: CGTCACTTGTATTGGCAC | 52 | Pantou *et al.,* 2003 |
| *ANXC4* | Annexin | ANXC4-F: GCGAGATAGCAACACTTCAGTANXC4-R: GGATACTGTTGCCCTAGATTTG | 50 | Bain *et al.,* 2007 |

\*S: C or G; W: A or T; N: A, C, G or T; R: A or G; Y: C or T; H: A, T or C; K: G or T; D: A, G or T.