

## Abbreviations

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|          |   |
|----------|---|
| 6-APA    | 6-aminopenicillanic acid                        |
| AFLP     | amplified fragment length polymorphism(s)       |
| AG       | anastomosis group                               |
| AM       | arbuscular mycorrhizal                          |
| AP-PCR   | arbitrarily primed PCR                          |
| BAL      | bronchoalveolar lavage                          |
| BLO      | bacteria-like organism                          |
| bp       | base pairs                                      |
| CBH      | cellobiohydrolases                              |
| CDH      | cellobiose dehydrogenase                        |
| cDNA     | complementary DNA                               |
| CTAB     | cetyl-trimethyl ammonium bromide                |
| DAF      | DNA amplification fingerprinting                |
| DD       | differential display                            |
| DDRT-PCR | differential display reverse transcription PCR  |
| DENS     | differential extension with nucleotide subsets  |
| DGGE     | denaturing gradient gel electrophoresis         |
| DMSO     | dimethylsulphoxide                              |
| dNTPs    | deoxyribonucleotide triphosphates               |
| ds DNA   | double-stranded DNA                             |
| ECM      | ectomycorrhizal                                 |
| EIPCR    | enzymatic inverse PCR                           |
| ELISA    | enzyme-linked immunosorbent assay               |
| ERIC     | enterobacterial repetitive intergenic consensus |
| EST      | expressed sequence tag                          |
| GLOX     | glyoxal oxidase                                 |

|         |   |
|---------|---|
| GM      | galactomannan                             |
| GRAS    | generally recognized as safe              |
| GUS     | $\beta$ -glucuronidase                    |
| HV      | highly virulent                           |
| IA      | invasive aspergillosis                    |
| IGS     | intergenic spacer                         |
| IPCR    | inverse PCR                               |
| ISG     | intraspecific group                       |
| ITS     | internal transcribed spacer               |
| LA      | latex agglutination                       |
| LA-PCR  | long and accurate PCR                     |
| LCR     | ligase chain reaction                     |
| LIC     | ligase-independent cloning                |
| LIP     | lignin peroxidase                         |
| LM-PCR  | ligation-mediated PCR                     |
| LSU     | large subunit                             |
| MNP     | manganese-dependent peroxidases           |
| mp      | most parsimonious                         |
| mRNA    | messenger RNA                             |
| NASBA   | nucleic acid sequence-based amplification |
| PAH     | polyaromatic hydrocarbon                  |
| PCP     | <i>Pneumocystis carinii</i> pneumonia     |
| PCR     | polymerase chain reaction                 |
| PDI     | protein disulphide isomerase              |
| PFGE    | pulsed-field gel electrophoresis          |
| POAc    | phenoxyacetic acid                        |
| PVA     | penicillin V amidase                      |
| QB      | Q-beta replicase                          |
| RACE    | rapid amplification of cDNA ends          |
| RAMS    | random amplified microsatellites          |
| RAPD    | random amplified polymorphic DNA          |
| RDA     | representational difference analysis      |
| rDNA    | ribosomal DNA                             |
| REP     | repetitive extragenic palindromic         |
| REP-PCR | repetitive-element based PCR              |
| RFLP    | restriction fragment length polymorphism  |
| RPCR    | recombination PCR                         |
| RT-PCR  | reverse transcription PCR                 |
| SCAR    | sequence characterized amplified regions  |
| SDA     | strand displacement amplification         |
| SEAD    | selective enrichment of amplified DNA     |
| SQPCR   | semi-quantitative PCR                     |
| SSCP    | single-strand conformation polymorphism   |
| SSR     | simple sequence repeat                    |
| SSU     | small subunit                             |

|       |                                      |
|-------|--------------------------------------|
| STR   | short tandem repeat                  |
| STS   | sequence-tagged sites                |
| TB    | tuberculosis                         |
| TdT   | terminal deoxynucleotide transferase |
| TLC   | thin-layer chromatography            |
| $T_m$ | melting temperature                  |
| TNV   | tobacco necrosis virus               |
| tPA   | tissue plasminogen activator         |
| TS    | thymidylate synthase                 |
| VNTR  | variable non-translated repeats      |
| WV    | weakly virulent                      |