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# LIST OF ABBREVIATIONS AND SYMBOLS

| Abbreviation/Symbol | | Name |
|---|---|---|
| % | : | Percent |
| µg | : | Microgram |
| µl | : | Microlitre |
| µM | : | Micromolar |
| ºC | : | Degree Celsius |
| Amp | : | Ampicillin |
| BLAST | : | Basic Local Alignment Search Tool |
| bp | : | basepair |
| cDNA | : | Complementary DNA |
| CFU | : | Colony Forming Units |
| Conc. | : | Concentration |
| $C_T$ | : | Threshold Cycle |
| DAPI | : | 4′,6-diamidino-2-phenylindole |
| DEPC | : | Diethylpyrocarbonate |
| DMF | : | Dimethylformamide |
| DMSO | : | Dimethylsulfoxide |
| DNA | : | Deoxy ribonucleic Acid |
| DPI | : | Days post inoculation |
| EtBr | : | Ethidium bromide |
| Fig | : | Figure |
| g/l | : | Gram per litre |
| Gen | : | Gentamycin |
| hr | : | hour |
| HR | : | Hypersensitive Response |
| kb | : | Kilo basepair |
| LB | : | Luria Bertani |
| M | : | Molar |
| mA | : | Mili Ampere |
| mg | : | miligram |
| min | : | Minutes |

| | | |
|---|---|---|
| ml | : | Mililitre |
| mM | : | Mili molar |
| MM | : | Minimal Medium |
| NCBI | : | National Center for Biotechnology Information |
| NCM | : | Nitrocellulose membrane |
| nm | : | Nanometer |
| ONPG | : | ortho-Nitrophenyl-β-galactoside |
| PCR | : | Polymerase Chain Reaction |
| qPCR | : | Quantitative PCR |
| Rif | : | Rifampicin |
| $Rif^r$ | : | Rifampicin resistant |
| RNA | : | Ribonucleic Acid |
| rpm | : | Rotation per minute |
| RSSC | : | *Ralstonia solanacearum* Species Complex |
| RT | : | Room temperature |
| RT-PCR | : | Real-Time PCR |
| SDS | : | Sodium dodecyl sulphate |
| sec | : | Second |
| Spc | : | Spectinomycin |
| $Spc^r$ | : | Spectinomycin resistant |
| spp. | : | Species |
| T2SS | : | Type II Secretion System |
| T3SS | : | Type III Secretion System |
| TAE | : | Tris-Cl, Acetic Acid and EDTA |
| TZC | : | 2, 3, 5 - triphenyl-tetrazolium chloride |
| U/µl | : | Units per microlitre |
| V | : | Volt |
| X-gal | : | 5-bromo-4-chloro-3-indolyl-β-D-galactosidase |
| X-gluc | : | 5-Bromo-4-chloro-3-indolyl-β-D-glucuronidase |
| Ω-Spc | : | Omega spectinomycin cassette |