

Acknowledgements

I would like to thank the following individuals for their contribution to this study:

- My supervisor, Dr E Venter, for his continuous support, guidance, motivation and financial support.
- Prof A-M Oberholster for her theoretical and practical input and supervision.
- The National Research Foundation (NRF) for financial support.
- Botany Department at UJ for the use of their laboratories.
- My family and friends for their understanding and support.
- For Gustav for his support, motivation and guidance.



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Abbreviations

ABA	Abscisic acid
AGT	Appressorial germ tubes
AMV	Avian Myeloblastosis Virus
Avr	Avirulence
BLAST	Basic local alignment search tool
Bp	Base pairs
°C	Degree centigrade
cDNA	Complementary DNA (refers to DNA synthesised from mRNA)
Ca ²⁺	Calcium
CC	Coiled-coil
CLA	Carnation leaf agar
DIG	Digoxygenin-11-dUTP
DNA	Deoxyribonucleic acid
dNTP	Deoxynucleoside triphosphate
DON	Deoxynivalenol
DTT	Dithiothreitol
<i>E. coli</i>	<i>Escherichia coli</i>
EDTA	Ethylene diaminetetraacetic acid
<i>f.sp.</i>	<i>Forma specialis</i>
g	Gram
GRP	Glycine-rich proteins
HCl	Hydrochloric acid
H ₂ O ₂	Hydrogen peroxide
HO ₂ / O ₂ ⁻	Super oxide
hpi	hours post inoculation
HR	Hypersensitive response
HRGP	Hydroxyproline-rich glycoproteins

hrs	Hours
IPTG	Isopropylthio β -D galactoside
kb	Kilobasepairs (1kb = 10^3 basepairs)
KD	Kernel discolouration
K ⁺	Potassium
LRR	Leucine rich repeats
M	Molar
min	Minutes
ml	Milliliter
mM	Millimolar
mRNA	Messenger RNA
NaCl	Sodium chloride
NBS	Nucleotide binding site
NCBI	National Centre for Biotechnology Information
ng	Nanogram
P-loop	Phosphate-binding loop
PAL	Phenylalanine ammonia-lyase
PCD	Programmed cell death
PCR	Polymerase chain reaction
PGT	Primary germ tubes
PR proteins	Pathogen-related proteins
QTL	Quantitative trait loci
qRT-PCR	quantitative Reverse Transcriptase PCR
R genes	Resistance genes
RNA	Ribonucleic acid
ROS	Reactive oxygen species
rpm	Revolutions per minute
SA	Salicylic acid
SAR	Systemic acquired resistance
sec	Seconds
SDS	Sodium dodecyl sulphate
SIR	Systemic induced resistance

SSC	Sodium citrate buffer
SSH	Suppression subtractive hybridisation
TAE	Tris-acetate-EDTA buffer
TDF	Transcript derived fragment
TIR	Toll/Interleuken-1 like receptor
Tris	2-Amino-2 (hydroxymethyl)-1,3-propanediol
7-TM	7 transmembrane
μ	Micro
μl	Microliter
μM	Micromolar
U	Units
UV	Ultraviolet
V	Volt
var	Variety
X-Gal	5-Bromo-4-chloro-3-indolyl-β-D-Galactopyranoside

