



APPENDIX 1

DNA sequences of sequence characterized amplified polymorphic loci of *Fusarium circinatum*. Genbank accession numbers, underlined primer binding sites and the amounts of nucleotide base pairs are also indicated.

FC-1 (AF430131): 314bp

CGTCCATAAGCAACTCCGATGCAATGTCCACCTTCAGGAAGCTCCCCAGAAAAGTACATT
ATATAGAGTCATCTCCAGTTTCCGCACGTCAGGGCCCAATAATTTCTGCCACTCGTCCAT
CCATCTCCAGGGAGGGCATCTTGCTGGAGATGAGTCCACTCGCCAAAGACATCATCTGCC
ACAGCGACCTGGATGTGGTGACCACCGCCGCTTGTGCAAAAAGACACCCAGTGGTCGTCT
TGGTCTTGAACAAGGCATGGGTCTGGGGAAGTTGATATCTAGTCGTGGAGAGAAAGACCTT
CCGCGACCTTTAT

FC-2 (AF430132): 185bp

GACCACAGCTCGAGAACATTACATGAATCAATACTTCTCAGGTGAGCTGCGCTATACTA
GACAACACCTGGACAGTAAACAAGACAAAAAACTCCTGTAGGTCCGTTCCAGCTTCCCA
TGCGCTGATCCCATTGAGAGAGGTCTGCTCAAAAATAATAATGTGTTGGCTAGAATGCAG
TGTGG

FC-3 (AF430133): 285bp

TCAATGAAAAGCAGCACGTCCTGTCTTCTTCGTCTCTGAACTACTCAGCTACAGTCAAAC
TGTCGAGATATTGCGTTAGCTGGCGTCCAAGAGTCGTAAACAGAACATCATGATATAGTA
TGAGTATCAAAGCATGTGTGTGGTGTATGGTGTGAGGTGTTGCAACAGGAAGGGAAGGC
ACTATCTGTCAACTTACCCGGTAAGGGCGACACGGGCACGAGCTCAGGGGGCTCGTTCAT
CTGACCGAAGACCAGGGCGACCTTGGACTCGCCATCAAGCTAAA

FC-4 (AF430134): 263bp

TTCCACCATGAGAGGAAACCTCCTCTTCGATTACGTGCCAGCGGAATTACCCCAAGAGG
ACAAGGAGCGGGAACCTTGATGTGAGGCACGAAATAAGCTAATCCAACAGATCCAATGGG
AGCTCTCAAAGCGACACGATGCATGGAATAGAACAAGCACAGACCACTATTTACGCCC
GATGCCGGATCCCGGTGTAAGCGCTCTCGAGAAGACAGTGAAAGTGAGGTTAAGGCGAA
GAAGGAGGATCAAGATTGGCAATGG



FC-5 (AF430135): 237bp

ATATTCTGACGGGTCCACCACAGTCAGTCCATTGATCATAAGAGGACTAGCTTCTCGCTCA
TGGGGATGCAAGTCTTATTACCTTGACGATGACTGGAACAACGGCAATCCGATAAGCTTC
CATTCTCAACGGGACACCACACGGCTAAGTGCAACATGGTTGACCTGCATTATCTAGAA
ACAGAACCAGCCATACACGATTCAGATATGCCGTGTGAAAGCCATTGTGAGACCGT

FC-6 (AF430136): 222bp

GGTGAGGAAAACAAGAGCCACGTGAGTAACACTACGTAGCGCACGGAGTGTAGAGGTAG
CAGTCGTCACAGCACGCACAGTACGTGTATAGTACTGGAGAGACAGCTGGTGCGCCTTAT
CAGCAGCTGCAGAGTCGATGGTTGGCTGCGTGAAGGCGTTGACGGCACCGCCTAGGGCAC
AGCACGTCTCACGGACAGCGGCATCGTTATGGGGCTAGCTGAGG

FC-7 (AF430137): 257bp

ACGGTCTCACAATGGCTTTCTTGATACCTTGAAAGCTTCGGTCTTAGTGGGAGCTTACAGT
TAGATCAGTCTCCGGCACAGAAGACGATATGATGAGCGCAGTGGCGTGCTAGACATCTGT
GGTGTACTATACTACTGCACAGCAAGGTAGGTACTGTGTANGTAGTAGTTAGGTAAGTT
ACCTACCTTACCTTAGTACCTACCTAGGCTTTTACTTTCTGACACTGGCATATCTGAATCGT
GTATGGCTGGTTCC

FC-8 (AF430138): 139bp

GAGAAGAGTGGCAGGGACTGTGATACCTCTGGGAGCAGATTGGGAAGCAACCGGTTATG
CCCGGTTCAAGTTCAATCATCTACTATCACATCTTCCATGATTGAGACTCTTTTGTGGCGCG
CTGCTGTTCTATTAGCCC

FC-9 (AF430139): 241bp

TGAAGAGATGGAAGCTTCAGACGAACGAAAGCAACAACAATACGGTTATTCTGTTGTCAA
TTGCTTGTCAACCATCTTTTATTCTTTTCATCGTTTATAGCACAAATCAAAATGCTAGCCT
GACTATGAATGTCAAAGAGGTCCAGCAATGTATTCATGGCGCATAGACAGTGTGCATCACA
TACAAAAGCAAAAGATGAAAAGTCGAGGTGAGCTAAAATCCACCATGAGAGGAAACC

APPENDIX 2

Aligned ITS1, 5.8S and ITS2 sequences of *F. mangiferae* isolates NRRL 25226 (Genbank database accession number U61691), MRC 3477 (Genbank database accession number AF430128) and MRC 7035 (Genbank database accession number AF430129) as well as sequences of *F. sterilihyphosum* isolates MRC 2802 = NRRL 25623 (Genbank database accession number AF158305), MRC 7602 (Genbank database accession number AF430130).

	1	60
NRRL 25226	CGGAGGGATCATTACCGAGTTTACAACCTCCCAAACCCCTGTGAACATACCAATTGTTGCC	
MRC 3477	.....
MRC 7035	.....
MRC 2802	.....
MRC 7602	.....
	61	120
NRRL 25226	TCGGCGGATCAGCCCGCTCCCGGTAAAACGGGACGGCCCGCCAGAGGACCC-TAAACTCT	
MRC 3477	.....C.....	
MRC 7035	.....C.....	
MRC 2802	.....C.....	
MRC 7602	.....C.....	
	121	180
NRRL 25226	GTTTCTATATGTAACCTTCTGAGTAAAACCATAAATAAATCAAACTTTCAACAACGGATC	
MRC 3477	.....
MRC 7035	.....
MRC 2802	.....
MRC 7602	.....
	181	240
NRRL 25226	TCTTGTTTCTGGCATCGATGAAGAACGCAGCAAAATGCGATAAGTAATGTGAATTGCAGA	
MRC 3477	.....
MRC 7035	.....
MRC 2802	.....
MRC 7602	.....



241

300

NRRL 25226 ATTCAGTGAATCATCGAATCTTTGAACGCACATTGCGCCCGCCAGTATTCTGGCGGGCAT
MRC 3477
MRC 7035
MRC 2802
MRC 7602

301

360

NRRL 25226 GCCTGTTCGAGCGTCATTTCAACCCTCAGGCCCCCGGGTTTGGTGTGGGGATCGGCGAG
MRC 3477
MRC 7035
MRC 2802A·---A·C·.....AC·-.....
MRC 7602A·---A·C·.....AC·-.....

361

420

NRRL 25226 CCCTTGCGGCAAGCCGGCCCCGAAATCTAGTGGCGGTCTCGCTGCAGCTTCCATTGCGTA
MRC 3477
MRC 7035
MRC 2802 ---·--AAATC·GTT·-·-·-·TG·T·-·-·-·A·-·-·CG·-·-·-·A·-·-·
MRC 7602 ---·--AAATC·GTT·-·-·-·TG·T·-·-·-·A·-·-·CG·-·-·-·A·-·-·