	ITS SNPs	
Consensus	GA-AAAGTTCAGAAGGTTCGTCCGGCGGGCGACGCCAACCGCTCCAAAGCGAGGTGTATT	59
Lasiodiplodia_newvalleyensis_EGY20114	..-.....-.....	58
Lasiodiplodia_americana_CERC1961	..-.....	59
Lasiodiplodia_exigua_BL104	..-.....	59
Lasiodiplodia_caatinguensis_IBL366	..-.....	59
Lasiodiplodia_macroconidia_GuoLD01752	..-.....A.....	59
Lasiodiplodia_chonburiensis_MFLUCC160376	..-.....	59
Lasiodiplodia_curvata_GuoLD01906	..-.....	59
Lasiodiplodia_nanpingensis_CGMCC319596	..-.....	59
Lasiodiplodia_irregularis_GuoLD01673	..-.....	59
Lasiodiplodia_mahajangana_CMW27801	..-.....	59
Lasiodiplodia_pandanicola_MFLUCC160265	-.G.....	59
Lasiodiplodia_magnoliae_MFLUCC180948	..-.....	59
Consensus	CTACTACGCTTGAGGGCTGAACAGCCACCGCCGAGGTCTTTGAGGCGCGTCCGCAGTGAG	119
Lasiodiplodia_newvalleyensis_EGY20114	.....	118
Lasiodiplodia_americana_CERC1961	.....	119
Lasiodiplodia_exigua_BL104	.....	119
Lasiodiplodia_caatinguensis_IBL366	.....	119
Lasiodiplodia_macroconidia_GuoLD01752	.....	119
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	119
Lasiodiplodia_curvata_GuoLD01906	.....	119
Lasiodiplodia_nanpingensis_CGMCC319596	.....	119
Lasiodiplodia_irregularis_GuoLD01673	.....	119
Lasiodiplodia_mahajangana_CMW27801	.....	119
Lasiodiplodia_pandanicola_MFLUCC160265	.....	119
Lasiodiplodia_magnoliae_MFLUCC180948	.....	119
Consensus	GACGGTGCCCAATTCCAAGCAGAGCTTGAGGGTTGTAATGACGCTCGAACAGGCATGCCC	179
Lasiodiplodia_newvalleyensis_EGY20114	.....	178
Lasiodiplodia_americana_CERC1961	.....	179
Lasiodiplodia_exigua_BL104	.....	179
Lasiodiplodia_caatinguensis_IBL366	.....	179
Lasiodiplodia_macroconidia_GuoLD01752	.....	179
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	179

Lasiodiplodia_curvata_GuoLD01906	.....	179
Lasiodiplodia_nanpingensis_CGMCC319596	.....	179
Lasiodiplodia_irregularis_GuoLD01673	.....	179
Lasiodiplodia_mahajangana_CMW27801	.....	179
Lasiodiplodia_pandanicola_MFLUCC160265	.....	179
Lasiodiplodia_magnoliae_MFLUCC180948	.....	179
Consensus	CCCGGAATACCAAGGGGCGCAATGTGCGTTCAAAGATTCGATGATTCACTGAATTCTGCA	239
Lasiodiplodia_newvalleyensis_EGY20114	.....	238
Lasiodiplodia_americana_CERC1961	.....	239
Lasiodiplodia_exigua_BL104	.....	239
Lasiodiplodia_caatinguensis_IBL366	.....	239
Lasiodiplodia_macroconidia_GuoLD01752	.....	239
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	239
Lasiodiplodia_curvata_GuoLD01906	.....	239
Lasiodiplodia_nanpingensis_CGMCC319596	.....	239
Lasiodiplodia_irregularis_GuoLD01673	.....	239
Lasiodiplodia_mahajangana_CMW27801	.....	239
Lasiodiplodia_pandanicola_MFLUCC160265	.....	239
Lasiodiplodia_magnoliae_MFLUCC180948	.....	239
Consensus	ATTCACATTACTTATCGCATTTCGCTGCGTTCTTCATCGATGCCAGAACCAAGAGATCCG	299
Lasiodiplodia_newvalleyensis_EGY20114	.....	298
Lasiodiplodia_americana_CERC1961	.....	299
Lasiodiplodia_exigua_BL104	.....	299
Lasiodiplodia_caatinguensis_IBL366	.....	299
Lasiodiplodia_macroconidia_GuoLD01752	.....	299
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	299
Lasiodiplodia_curvata_GuoLD01906	.....	299
Lasiodiplodia_nanpingensis_CGMCC319596	.....	299
Lasiodiplodia_irregularis_GuoLD01673	.....	299
Lasiodiplodia_mahajangana_CMW27801	.....	299
Lasiodiplodia_pandanicola_MFLUCC160265	.....	299
Lasiodiplodia_magnoliae_MFLUCC180948	.....	299
Consensus	TTGTTGAAAGTTTTAGTTTATTAACTTGTTTATCAGACGTCTGCGTTTACTGACTGGAGT	359
Lasiodiplodia_newvalleyensis_EGY20114	.....	358

Lasiodiplodia_americana_CERC1961	.....	359
Lasiodiplodia_exigua_BL104	.....	359
Lasiodiplodia_caatinguensis_IBL366	.....	359
Lasiodiplodia_macroconidia_GuoLD01752	.....	359
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	359
Lasiodiplodia_curvata_GuoLD01906	.....	359
Lasiodiplodia_nanpingensis_CGMCC319596	.....	359
Lasiodiplodia_irregularis_GuoLD01673	.....	359
Lasiodiplodia_mahajangana_CMW27801	.....	359
Lasiodiplodia_pandanicola_MFLUCC160265	.....	359
Lasiodiplodia_magnoliae_MFLUCC180948	.....	359
Consensus	TTGAAGGTCCTTTGGCGGC--CGAAGCCGCCAAAGCAACAGAGGTACGTTCACAAAGGGT	417
Lasiodiplodia_newvalleyensis_EGY20114	.....--..G.....	416
Lasiodiplodia_americana_CERC1961	.....TT..--.....	417
Lasiodiplodia_exigua_BL104	.....TT..--.....	417
Lasiodiplodia_caatinguensis_IBL366	.....--..G.....	417
Lasiodiplodia_macroconidia_GuoLD01752	...G.....--..G.....	417
Lasiodiplodia_chonburiensis_MFLUCC160376	.....--.....	417
Lasiodiplodia_curvata_GuoLD01906	.....--.....	417
Lasiodiplodia_nanpingensis_CGMCC319596	.....--.....	417
Lasiodiplodia_irregularis_GuoLD01673	.....--.....	417
Lasiodiplodia_mahajangana_CMW27801	.....--.....	417
Lasiodiplodia_pandanicola_MFLUCC160265	.....--.....	417
Lasiodiplodia_magnoliae_MFLUCC180948	.....--.....	417
Consensus	GGGAGAGTCGAGCCGAAGCT	437
Lasiodiplodia_newvalleyensis_EGY20114	.....G....	436
Lasiodiplodia_americana_CERC1961	.....	437
Lasiodiplodia_exigua_BL104	.....	437
Lasiodiplodia_caatinguensis_IBL366	.....	437
Lasiodiplodia_macroconidia_GuoLD01752	C	437
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	437
Lasiodiplodia_curvata_GuoLD01906	.....	437
Lasiodiplodia_nanpingensis_CGMCC319596	.....	437
Lasiodiplodia_irregularis_GuoLD01673	.....	437

Lasiodiplodia_mahajangana_CMW27801	.....	437
Lasiodiplodia_pandanicola_MFLUCC160265	.....	437
Lasiodiplodia_magnoliae_MFLUCC180948	C	437
	***tef1-a* SNPs**	
Consensus	CCCTTGCCGAGCTCAGCGGCTTCCTGTAGTGGGGCGCGTTAGCCTTTGCTCGTACGACGG	60
Lasiodiplodia_newvalleyensis_EGY20114	.....	60
Lasiodiplodia_americana_CERC1961	.....A.....	60
Lasiodiplodia_exigua_BL104	.....	60
Lasiodiplodia_caatinguensis_IBL366	----------.....T.....	40
Lasiodiplodia_macroconidia_GuoLD01752	.....A.....T.....	60
Lasiodiplodia_chonburiensis_MFLUCC160376	.....A.....T.....	60
Lasiodiplodia_curvata_GuoLD01906	.....	60
Lasiodiplodia_nanpingensis_CGMCC319596	.....	60
Lasiodiplodia_irregularis_GuoLD01673	.....	60
Lasiodiplodia_mahajangana_CMW27801	.....	60
Lasiodiplodia_pandanicola_MFLUCC160265	----------.AA.TAA....T....TC..T.....	49
Lasiodiplodia_magnoliae_MFLUCC180948	----------.....	32
Consensus	TACATGAGTGGTCAGAGCATTTTTCGCTAGTGGGGAGGCGCGTCGGCCAGACGCCGGTCG	120
Lasiodiplodia_newvalleyensis_EGY20114	.....	120
Lasiodiplodia_americana_CERC1961	.....	120
Lasiodiplodia_exigua_BL104	.....	120
Lasiodiplodia_caatinguensis_IBL366	.....	100
Lasiodiplodia_macroconidia_GuoLD01752	.....	120
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	120
Lasiodiplodia_curvata_GuoLD01906	.....	120
Lasiodiplodia_nanpingensis_CGMCC319596	.....	120
Lasiodiplodia_irregularis_GuoLD01673	.....	120
Lasiodiplodia_mahajangana_CMW27801	.....	120
Lasiodiplodia_pandanicola_MFLUCC160265	.....	109
Lasiodiplodia_magnoliae_MFLUCC180948	.....	92
Consensus	CAAAAAAACCAAGTGCGGTCATTTTGCCGAACCCAGACGAGGCTAGCGCGGGCCAAACCC	180
Lasiodiplodia_newvalleyensis_EGY20114	.....	180
Lasiodiplodia_americana_CERC1961	.....	180
Lasiodiplodia_exigua_BL104	.....	180

Lasiodiplodia_caatinguensis_IBL366	.....	160
Lasiodiplodia_macroconidia_GuoLD01752	.....	180
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	180
Lasiodiplodia_curvata_GuoLD01906	.....	180
Lasiodiplodia_nanpingensis_CGMCC319596	.....	180
Lasiodiplodia_irregularis_GuoLD01673	.....	180
Lasiodiplodia_mahajangana_CMW27801	.....	180
Lasiodiplodia_pandanicola_MFLUCC160265	.....	169
Lasiodiplodia_magnoliae_MFLUCC180948	.....	152
Consensus	CACCACGAAAAATGCCCCTCACCAAAGCGATAAGGCGGACTATGCGCC--------GCAG	232
Lasiodiplodia_newvalleyensis_EGY20114	.....-------....	232
Lasiodiplodia_americana_CERC1961	.....-------....	232
Lasiodiplodia_exigua_BL104	.....-------....	232
Lasiodiplodia_caatinguensis_IBL366	.....GCAGCGCC....	220
Lasiodiplodia_macroconidia_GuoLD01752	.....GCAGCGCC....	240
Lasiodiplodia_chonburiensis_MFLUCC160376	.....GCAGCGCC....	240
Lasiodiplodia_curvata_GuoLD01906	.....GCAGCGCT....	240
Lasiodiplodia_nanpingensis_CGMCC319596	.....-------....	232
Lasiodiplodia_irregularis_GuoLD01673	.....-------....	232
Lasiodiplodia_mahajangana_CMW27801	.....-------....	232
Lasiodiplodia_pandanicola_MFLUCC160265	.....-------....	221
Lasiodiplodia_magnoliae_MFLUCC180948	.....GCAGCGCC....	212
Consensus	CGCCGAAGTCGAGAGGGG	250
Lasiodiplodia_newvalleyensis_EGY20114	.....	250
Lasiodiplodia_americana_CERC1961	.....	250
Lasiodiplodia_exigua_BL104	.....	250
Lasiodiplodia_caatinguensis_IBL366	....A.....	238
Lasiodiplodia_macroconidia_GuoLD01752	....A.....	258
Lasiodiplodia_chonburiensis_MFLUCC160376	....A.....-	257
Lasiodiplodia_curvata_GuoLD01906	....A.....	258
Lasiodiplodia_nanpingensis_CGMCC319596	....A.....	250
Lasiodiplodia_irregularis_GuoLD01673	.....	250
Lasiodiplodia_mahajangana_CMW27801	.....	250
Lasiodiplodia_pandanicola_MFLUCC160265	.....	239

Lasiodiplodia_magnoliae_MFLUCC180948	.....	230
	***tub2* SNPs**	
Consensus	CTCCTGCTCCTGCGC-CCCCCGCTGACGGAAGCGACACCATAGGCAGACCATCTCTGGCG	59
Lasiodiplodia_newvalleyensis_EGY20114	.....A.-.....	59
Lasiodiplodia_americana_CERC1961	.....C.....	60
Lasiodiplodia_exigua_BL104	.....-.....	59
Lasiodiplodia_caatinguensis_IBL366	.....-.....	59
Lasiodiplodia_macroconidia_GuoLD01752	.....-.....	59
Lasiodiplodia_chonburiensis_MFLUCC160376	----------.....	38
Lasiodiplodia_curvata_GuoLD01906	.....-.....-.....	58
Lasiodiplodia_nanpingensis_CGMCC319596	.....-.....	59
Lasiodiplodia_irregularis_GuoLD01673	.....-.....	59
Lasiodiplodia_mahajangana_CMW27801	.....-.....	59
Lasiodiplodia_magnoliae_MFLUCC180948	.....-.....-.....	58
Consensus	AGCACGGCCTGGATGGCTCCGGTGTGTAAGTGTGCGCCTTCTCCGCCGCGCATCGCAATC	119
Lasiodiplodia_newvalleyensis_EGY20114	.....	119
Lasiodiplodia_americana_CERC1961	.....	120
Lasiodiplodia_exigua_BL104	.....	119
Lasiodiplodia_caatinguensis_IBL366	.....	119
Lasiodiplodia_macroconidia_GuoLD01752	.....G.....	119
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	98
Lasiodiplodia_curvata_GuoLD01906	.....	118
Lasiodiplodia_nanpingensis_CGMCC319596	.....	119
Lasiodiplodia_irregularis_GuoLD01673	.....	119
Lasiodiplodia_mahajangana_CMW27801	.....T.....	119
Lasiodiplodia_magnoliae_MFLUCC180948	.....	118
Consensus	GCTGACCCGTAGCAGCTACAATGGCACCTCGGACCTCCAGCTGGAGCGCATGAACGTCTA	179
Lasiodiplodia_newvalleyensis_EGY20114	.....	179
Lasiodiplodia_americana_CERC1961	.....	180
Lasiodiplodia_exigua_BL104	.....	179
Lasiodiplodia_caatinguensis_IBL366	.....	179
Lasiodiplodia_macroconidia_GuoLD01752	.....A.....	179
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	158
Lasiodiplodia_curvata_GuoLD01906	.....	178

Lasiodiplodia_nanpingensis_CGMCC319596	.....	179
Lasiodiplodia_irregularis_GuoLD01673	.....	179
Lasiodiplodia_mahajangana_CMW27801	.....	179
Lasiodiplodia_magnoliae_MFLUCC180948	.....	178
Consensus	CTTCAACGAGGTACTCTCTCCATAATTAGACAAACACGTAAAGTATGGCAATCTTCTGAA	239
Lasiodiplodia_newvalleyensis_EGY20114	.....A.....	239
Lasiodiplodia_americana_CERC1961	.....	240
Lasiodiplodia_exigua_BL104	.....	239
Lasiodiplodia_caatinguensis_IBL366	.....A.....	239
Lasiodiplodia_macroconidia_GuoLD01752	.....	239
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	218
Lasiodiplodia_curvata_GuoLD01906	.....	238
Lasiodiplodia_nanpingensis_CGMCC319596	.....	239
Lasiodiplodia_irregularis_GuoLD01673	.....	239
Lasiodiplodia_mahajangana_CMW27801	.....A.....	239
Lasiodiplodia_magnoliae_MFLUCC180948	.....	238
Consensus	CGCGCAGCAGGCGTCCAACAACAAGTACGTTCCTCGTGCTGTCCTCGTCGACCTCGAGCC	299
Lasiodiplodia_newvalleyensis_EGY20114	.....	299
Lasiodiplodia_americana_CERC1961	.....	300
Lasiodiplodia_exigua_BL104	.....	299
Lasiodiplodia_caatinguensis_IBL366	.....	299
Lasiodiplodia_macroconidia_GuoLD01752	.....	299
Lasiodiplodia_chonburiensis_MFLUCC160376	.....	278
Lasiodiplodia_curvata_GuoLD01906	.....	298
Lasiodiplodia_nanpingensis_CGMCC319596	.....	299
Lasiodiplodia_irregularis_GuoLD01673	.....	299
Lasiodiplodia_mahajangana_CMW27801	.....	299
Lasiodiplodia_magnoliae_MFLUCC180948	.....	298
Consensus	CGGCACCATGGATGCCGTCCGCGCCGGCCCCTTCGGCCAGCTCTTCCGCCCCGACAA	356
Lasiodiplodia_newvalleyensis_EGY20114	.....	356
Lasiodiplodia_americana_CERC1961	.....	357
Lasiodiplodia_exigua_BL104	.....	356
Lasiodiplodia_caatinguensis_IBL366	.....	356
Lasiodiplodia_macroconidia_GuoLD01752	.....	356

Lasiodiplodia_chonburiensis_MFLUCC160376	.....	335
Lasiodiplodia_curvata_GuoLD01906	.....	355
Lasiodiplodia_nanpingensis_CGMCC319596	.....	356
Lasiodiplodia_irregularis_GuoLD01673	.....	356
Lasiodiplodia_mahajangana_CMW27801	.....	356
Lasiodiplodia_magnoliae_MFLUCC180948	.....-....----------	329