

23S083	AAGTAGTCCAGT GAGTAGAGTGCCCGTCAAGTAACTCTTTTACCTGCGAAAAACCCGGTTCACCTTAGACAGCCTATCTCTTTGAGGATTCCTCAGACTGG	100
23S184	AAGTAGTCCAGT GAGTAGAGTGCCCGTCAAGTAACTCTTTTACCTGCGAAAAACCCGGTTCACCTTAGACAGCCTATCTCTTTGAGGATTCCTCAGACTGG	100
Consensusaagtagtccagtgagtagagtgccgctcaagtaactctcttttacctgcgaaaacccgggttcacttagacagcctatctcttttgaggattctccagactgg		
23S083	GAGGATAATGAT TATTGATCTGAGGATTGATGAAGGAGGTGACTCCATCAATGTTGCAACCACCCCTGCTTACCCTCTCTCTCAAACCTAACAGTGGTT	200
23S184	GAGGATAATGAT TATTGATCTGAGGATTGATGAAGGAGGTGACTCCATCAATGTTGCAACCACCCCTGCTTACCCTCTCTCTCAAACCTAACAGTGGTT	200
Consensusgaggaataatgatattgatctgaggattgatgaaggaggtgactccatcaatgttgcaaccacccctgcttaccctctctctcaaaacttaacagtggtt		
23S083	CGTTGCCATCCC CTCCATTACCAAGGGGCACAGCCGTTGGAAGAAAAATTTCTGGGCATATATAGCATGGAAGATTGACTGTAAACAATAAAGGGGAA	300
23S184	CGTTGCCATCCC CTCCATTACCAAGGGGCACAGCCGTTGGAAGAAAAATTTCTGGGCATATATAGCATGGAAGATTGACTGTAAACAATAAAGGGGAA	300
Consensuscgttgccatccccctccattaccagaggggcacagccggttgaagaaaaatcttctggggcatatatagcatggaagatttgactgtaacaataaaggggaa		
23S083	AAGGAAATATT CTGACAAGGTTGTGAAAAGTCCAATGGCTATGCATTGCCTGGAACATATGACAGTAATCATGGTCTCGCAAACTCGGGGAAGTCTACA	400
23S184	AAGGAAATATT CTGACAAGGTTGTGAAAAGTCCAATGGCTATGCATTGCCTGGAACATATGACAGTAATCATGGTCTCGCAAACTCGGGGAAGTCTACA	400
Consensusaaggaataattctgacaaggttgtgaaaagtccaatggctatgcatgcttgcctggaactatgacagtaatcatgggtctcgcaaaactcggggaagtctaca		
23S083	CTACTGAGGGCA AAITTCAGGTAGATTACATCATTACGCGAAAATGTACGGCGAAGTATTGTTAATGGAGCAAAATCACACATGCCCTATGGGCTTATG	500
23S184	CTACTGAGGGCA AAITTCAGGTAGATTACATCATTACGCGAAAATGTACGGCGAAGTATTGTTAATGGAGCAAAATCACACATGCCCTATGGGCTTATG	500
Consensusctactgagggcaaittcaggtagattacatcattacgcgaaaaatgtacggcgaaagtattgttaatggagcaaaatcacacatgccctatgggcttattg		
23S083	GTTTTGTTGAGA AAAGAGACGCTTTGATTGGTTCCTCACGGTTCGGGAGTTTCTTTTTACTCGGCATTGCTTCAACTACTGGTTCTTTTTTCAGAA	600
23S184	GTTTTGTTGAGA AAAGAGACGCTTTGATTGGTTCCTCACGGTTCGGGAGTTTCTTTTTACTCGGCATTGCTTCAACTACTGGTTCTTTTTTCAGAA	600
ConsensusgTTTTGTTGAGAAGAGACGCTTTGATTGGTTCCTCACGGTTCGGGAGTTTCTTTTTACTCGGCATTGCTTCAACTACTGGTTCTTTTTTCAGAA		
23S083	AAAGAATGTGG TAGAGGATGCCATCCATGCGATGTCGTTAAGAGATTATGCGAATAAGCTAATAGGAGGCCACTGCTATATGAAGGGCCTTCTAATGGT	700
23S184	AAAGAATGTGG TAGAGGATGCCATCCATGCGATGTCGTTAAGAGATTATGCGAATAAGCTAATAGGAGGCCACTGCTATATGAAGGGCCTTCTAATGGT	700
Consensusaaagaatgtggttagagatgccatccatgcgatgtcgttaagagattatgcgaaataagctaataaggaggccactgctatggaagggccttctaatggt		
23S083	GAGAGAAGCGT GTTAGCATTGCTAGAGAACTTGTATGAGACCACAAATATTTATTCGACGAGCCTCTTATCATCTTGACAGTGTCTCTGCACCTT	800
23S184	GAGAGAAGCGT GTTAGCATTGCTAGAGAACTTGTATGAGACCACAAATATTTATTCGACGAGCCTCTTATCATCTTGACAGTGTCTCTGCACCTT	800
Consensusgagagaagcgtgttagcattgctagagaacttgtatgagaccacaaatattttatcgcagcagcctcttattcatcttgacagtgctctgcacctt		
23S083	TAATGATGGT GACATTGAAGAACTTGAAGCAGCAGGATGACTCTTGTGTTTTACCATCAACCAGAGCAGCACTGAAGTATTCGGCCTTTTTGATCGGAT	900
23S184	TAATGATGGT GACATTGAAGAACTTGAAGCAGCAGGATGACTCTTGTGTTTTACCATCAACCAGAGCAGCACTGAAGTATTCGGCCTTTTTGATCGGAT	900
Consensusaatgatggtgacattgaaagaaacttgaagcagcaggatgactcttgtttttaccatcaaccagagcagcactgaagtattcggcctttttgatcggat		
23S083	TTGCTCTTTT CAAACGGAAATACCCCTGTTTTTCGGAGAAACATTAGCTTGTCTGCAGCAGCTTTCGAAATGCCGGGTTCCCTTGTCCAATCATGCAAAGT	1000
23S184	TTGCTCTTTT CAAACGGAAATACCCCTGTTTTTCGGAGAAACATTAGCTTGTCTGCAGCAGCTTTCGAAATGCCGGGTTCCCTTGTCCAATCATGCAAAGT	1000
ConsensusTTGCTCTTTTCAAACGGAAATACCCCTGTTTTTCGGAGAAACATTAGCTTGTCTGCAGCAGCTTTCGAAATGCCGGGTTCCCTTGTCCAATCATGCAAAGT		
23S083	CCTTCTGATCA CTTTTTACGAGCAATAAATACAGATTTTGTATCGAATTATCGCAATGTGCAAGAATTGGCAGGATGACCAAGGGAGTTTTTCATCTGTGA	1100
23S184	CCTTCTGATCA CTTTTTACGAGCAATAAATACAGATTTTGTATCGAATTATCGCAATGTGCAAGAATTGGCAGGATGACCAAGGGAGTTTTTCATCTGTGA	1100
ConsensusccttctgatcactTTTTACGAGCAATAAATACAGATTTTGTATCGAATTATCGCAATGTGCAAGAATTGGCAGGATGACCAAGGGAGTTTTTCATCTGTGA		
23S083	ATATGGATACC GGCTGTGCAATCCGCACACTTGAAGCGACATATAAATCGTCAGCAGATGCTGTGTCAGTTGAGAAATATGATATTGAGGCTCACAGATAA	1200
23S184	ATATGGATACC GGCTGTGCAATCCGCACACTTGAAGCGACATATAAATCGTCAGCAGATGCTGTGTCAGTTGAGAAATATGATATTGAGGCTCACAGATAA	1200
Consensusatattggataccgctgttgcactccgcacacttgaagcgacataataatcgtcagcagatgctgtgctcagttgagaaatagattagggtccacagataa		
23S083	GGAAAGTCCAT CTCTTAAAAGCAAGGGAAAGGGCAGTAATGTTACGAGGGTTGCAGTTTTGACTTGGAGGCTTTTATTGGTTATGCAAGGGAATGGAAA	1300
23S184	GGAAAGTCCAT CTCTTAAAAGCAAGGGAAAGGGCAGTAATGTTACGAGGGTTGCAGTTTTGACTTGGAGGCTTTTATTGGTTATGCAAGGGAATGGAAA	1300
ConsensusggaaggtccatctcttAAAAGCAAGGGAAAGGGCAGTAATGTTACGAGGGTTGCAGTTTTGACTTGGAGGCTTTTATTGGTTATGCAAGGGAATGGAAA		
23S083	TACTATTGGCT TAGGCTTATTCTTTATATGCTACTTGCAGTTTGCATCGGTACAGTATTCTCTGGCTTAGGACATTCTTTGTCTTCAAGTTGTGACAAGAG	1400
23S184	TACTATTGGCT TAGGCTTATTCTTTATATGCTACTTGCAGTTTGCATCGGTACAGTATTCTCTGGCTTAGGACATTCTTTGTCTTCAAGTTGTGACAAGAG	1400
ConsensusTactattggcttaggcttattctttatgctacttgcagtttgcactcggtagcagttattctctggcttaggacattctttgtcttcaagttgtgacaagag		
23S083	TTGCAGCAAT TTTTGTATTGTTTCACTTCTCTTCTAAGCGTTCGGGGAGTACCGGCTCTCATGAGGGAAAGTTAAGATATATACTAGTGAAGAACT	1500
23S184	TTGCAGCAAT TTTTGTATTGTTTCACTTCTCTTCTAAGCGTTCGGGGAGTACCGGCTCTCATGAGGGAAAGTTAAGATATATACTAGTGAAGAACT	1500
ConsensusTTGCAGCAATTTTTGTATTGTTTCACTTCTCTTCTAAGCGTTCGGGGAGTACCGGCTCTCATGAGGGAAAGTTAAGATATATACTAGTGAAGAACT		
23S083	AAACTATCAT TCTGGTGCACTTCTCTTCTACTCGGGCAACTTCTCTCCAGCATTCCTTTCCTCTTCTCTGTTTCCATCTCGTCAAGTCTCGTCTCTAT	1600
23S184	AAACTATCAT TCTGGTGCACTTCTCTTCTACTCGGGCAACTTCTCTCCAGCATTCCTTTCCTCTTCTCTGTTTCCATCTCGTCAAGTCTCGTCTCTAT	1600
Consensusaaactatcattctgggtgacttcttctactcgggcaacttctctccagcatctcttct		
23S083	TTCTTATAGG ACTGCGAGCAAAATCAGATTGTTGATGTACTTTTGTGCTGAATTTCTTCATGTGCCCTTGGTAAACGAAGGACTGATTCTGGTGTGG	1700
23S184	TTCTTATAGG ACTGCGAGCAAAATCAGATTGTTGATGTACTTTTGTGCTGAATTTCTTCATGTGCCCTTGGTAAACGAAGGACTGATTCTGGTGTGG	1700
ConsensusTTCTTATAGGACTGCGAGCAAAATCAGATTGTTGATGTACTTTTGTGCTGAATTTCTTCATGTGCCCTTGGTAAACGAAGGACTGATTCTGGTGTGG		
23S083	CCTCGTTATGG AGAAACATTTTCTGGATCGTTTTGACACTCGTATCTGCACATGTGCTAATGATGCTCTCAGCAGGTTATTTCCGAATTCGAAATGCTTT	1800
23S184	CCTCGTTATGG AGAAACATTTTCTGGATCGTTTTGACACTCGTATCTGCACATGTGCTAATGATGCTCTCAGCAGGTTATTTCCGAATTCGAAATGCTTT	1800
ConsensuscctcgttatggagaaacatTTTTCTGGATCGTTTTGACACTCGTATCTGCACATGTGCTAATGATGCTCTCAGCAGGTTATTTCCGAATTCGAAATGCTTT		
23S083	GCCAGGTCCAG TTTGGACATATCCATTATCTTATATGCAATCCACACCTACTCTATCCAGGGCTATTGGAGAATGAGTACCTTGGGAGTCTTTTGCA	1900
23S184	GCCAGGTCCAG TTTGGACATATCCATTATCTTATATGCAATCCACACCTACTCTATCCAGGGCTATTGGAGAATGAGTACCTTGGGAGTCTTTTGCA	1900
ConsensusGCCAGGTCCAGTTTGGACATATCCATTATCTTATATGCAATCCACACCTACTCTATCCAGGGCTATTGGAGAATGAGTACCTTGGGAGTCTTTTGCA		
23S083	GTTGGTGAGG TAAAGAAACATAAAGTGGTACCAGGCTCTCCATAGTGCATATGAAATCTCTTAATACTCACITCCAAATGGAAGAAATTTGTTGGTGTGT	2000
23S184	GTTGGTGAGG TAAAGAAACATAAAGTGGTACCAGGCTCTCCATAGTGCATATGAAATCTCTTAATACTCACITCCAAATGGAAGAAATTTGTTGGTGTGT	2000
ConsensusGTTGGTGAGGTAAGAAACATAAAGTGGTACCAGGCTCTCCATAGTGCATATGAAATCTCTTAATACTCACITCCAAATGGAAGAAATTTGTTGGTGTGT		
23S083	TTCTCATGGT AGTGGCTACCGCGTCGTAGTTTTGCTTCTTTTACATTTTTCGAGTTGGGAAA...	2062
23S184	TTCTCATGGT AGTGGCTACCGCGTCGTAGTTTTGCTTCTTTTACATTTTTCGAGTTGGGAAA...	2062
ConsensusTTCTCATGGTAGTGGCTACCGCGTCGTAGTTTTGCTTCTTTTACATTTTTCGAGTTGGGAAA		

Supplemental Figure S1. Sequence alignment of the *Moc03g21510* CDS sequence between 23S083 and 23S184