

Appendix A. Primer sequences used to amplify the sequences that contain the simple sequence repeats. The 3'-positions of the primer sequences in the chloroplast genome of *Arabidopsis thaliana* (GenBank accession no. NC_000932) are shown

Name	Primer sequence	3'-position
01F	CCTTAATCCACTTGGCTACAT	72
01R	AATAAGGTGGAATTTGCTACC	154
02F	GGTAGCAAATTCCACCTTAT	173
02R	TGCTCACAACCTCCCTCTA	422
03F	TCCATAGAATACAATTCGCTC	2847
03R	CTAATACCTTACCCCATCCA	3092
04F	AAAAAATGCCTTCCCATAACC	3958
04R	TGAAGAAAAGGATTCGTCCA	4262
05F	TCCCTTGATACGACATGCTA	4203
05R	CTATTTATCCCTGACGCACAC	4417
06F	TGAATGAAAATAAGCCAG	4593
06R	TTCCTCCTAAGGTACGAATA	4914
07F	ACCCTCGGTACGATTA	7819
07R	TTTTAAGAATAAAGTGGAGAA	7934
08F	AACTTGGGCATGGACCT	14664
08R	AAACTGGGGATATTGTGTGAT	14883
09F	AATTCAGGAGTAGTAACCGAT	14946
09R	CGCAAATGATGACGCT	15094
10F	CGGGATATTTTATCTGTCTTG	17882
10R	ATTTTACCCGAATCCTCTG	18031
11F	TCCGCCATAAGTACCTCC	20078
11R	AAGGTTTTTCTCAAGCCTGT	20266
12F	GATCCCCACCTACACAAG	25638
12R	GTCTATACGGCACCATAA	25879
13F	ACCATACTAGCGGACCC	28612
13R	CTCTTCATTCTCGTTCCTACT	28755
14F	TTTTTCTTACCCCTTCTCTGT	30277
14R	CTCTCTTTCAAGGAGGCAG	30492
15F	CCTTGATAGATTGCCTCATC	30900
15R	ATACGGATTATCCTCTGAACA	31040
16F	TTCGATGCGCTAGGCT	31155
16R	CCTTACCATGGCGTACTCTA	31387
17F	TTTTCCCCTTTTTTGACAG	32206
17R	CAATTTGTTTCTTCCTTGCTA	32462
18F	GTCCCAAAGACACGTATTA	36653
18R	GCCCCTTACCATTCTG	36873
19F	ACTTACCCTAGAGACTACCAG	42397
19R	GAAACAGGCTATAACGCTTAC	42642
20F	TTCTTTGACAAAATCCCTTAC	45136
20R	ATAGGAAATGCGTCGGT	45274
21F	CATAAAGAAGCGGCCATAG	49835
21R	GGCAATGAGTTTCGATGT	50101
22F	TAAACAAGGCCGTGTGATA	50815
22R	TTATTTCAATGGAGCCAATC	50998
23F	GAGCATTGTAAATATTAGGCA	54038
23R	ATTGAATTCCACATCCG	54285
24F	GTGTTATATTTCTTTCGTGTCAG	56674
24R	AATATTTGTTCTTCGCTTATG	56816
25F	TTTAGTTAGCTCCAAGGACAT	57334

25R	AGGATCATAGTGCAGATCG	57479
26F	AAAGGTGTTCTGAGCGAGTT	58501
26R	ATACATATGCAAGCAAGGGAG	58731
27F	GAGGTACCCATTTTATGACAA	59253
27R	ACTGGAATTTTCAGACATCG	59544
28F	AAACGGTACTTCCTGATACTG	61891
28R	ATTAGTAGCAGGGTCTGGAG	62156
29F	AATAAGATAAGGAACACACGC	62948
29R	AAAGGGGAATCACTTCATT	63317
30F	CAATCTATGAAATCACGCTCT	66236
30R	TCAAATCCTGTTCATCCCTAC	66489
31F	TGTTTTCCACATCCTCC	66620
31R	ATTTGTATATGTAACCTCCGTC	66816
32F	TCTATGGTTCGGTTCGTTAG	66995
32R	ATCTGATAGGTTCCCTAGCAA	67238
33F	AAAATTTGATTGTTACGTCTG	68329
33R	TTTATAACAATTTTGAATGACAT	68522
34F	CTATTTTCGCAGAATGAGACG	70181
34R	CACTTTGGGATTGCTGAA	70384
35F	TTGAATAACCGTACAGGCTT	70230
35R	CTTACCTATTCGGGCACA	70449
36F	TTTCTAACTTATAACGGAAGGG	71090
36R	TCATTTGTCTATATGTGCAA	71315
37F	ACAGGGGATAGGCTGGT	76611
37R	CTTTCTGGGTCGTCTCATA	76936
38F	AAATAAACGACGTGGGTATC	77711
38R	TGGACCTTTTGAATAACAGTC	77978
39F	CGGCGATTACTAGCTCCTA	80991
39R	CTTTATGAAATGGGTGGTGTA	81270
40F	TCATCATCTCGAATGTCGT	81850
40R	GATTAATCAAGAAGCGATGG	82111
41F	CCACTGAATCCGCATAC	82410
41R	AAATAACCTAAGCAACTCATTG	82532
42F	CAATCCATCATATCTTGACTG	82506
42R	TCTTTATATTTTATCCGACGAT	82790
43F	TCATAGGAACGTCCACGTA	83849
43R	ATTCATAATGGAAGGGAACAC	84113
44F	GGCTGAATCCCCTGAA	89520
44R	AAATTGACTCTTTGTCCCTCT	89944
45F	GTCCCATAAAGTTTGATCCTATA	99296
45R	GCATGGATAAGCTCACACT	99575
46F	TACAAATCTGTTTCGGTAGG	100102
46R	ACCAAGTCAAGATGATACGG	100342
47F	TCTACTGCGGTGACGATA	108027
47R	GTTCCCAGGAGTACCCTAA	108262
48F	TTTACCCCATAAAGAGAGTGA	111216
48R	GGCCTTTTTAATAGGAACAC	111432
49F	CTGTTCGAAAAAGGAGAAGT	112564
49R	TAGGTTTGAAATCGCGTG	112737
50F	TCATCGTGGAATTTAGTGAT	113117
50R	TTTATTCCTTCGTACTCCGTAC	113372
51F	AGTGGTTAATGATGCACGTA	114889
51R	CTCATTAGCCCAGACAGC	115208
52F	ACAAAGACCAAAGACTTCTGA	115627
52R	TATGTTACGCCAAATGTTCTA	115843
53F	ACCTTATTAATTTAACCAGGAA	118969

53R	GTCGTTTACCAATGTCAGTA	119316
54F	GATTAAATATATCTGGGGTCC	120540
54R	CCGACAAATGTAATGACTATC	120879
55F	CCTTGATTTCGTTCTGGC	123217
55R	ACGAAAAATTCTGGGAAAAC	123391
56F	GCAAAACGGTGGTCAAG	124085
56R	ATTATGATTTCTTTGTCCCTGA	124197
57F	CGAAATTCTCTACGTCGTTTAG	124182
57R	TGATTATTGAACCTGTGCG	124398
58F	GTTATATTCAAGAACAGCCTTTA	125733
58R	CATCGAACAAATGTCTATAGC	125988
59F	TTGGAATATTAATGATACCTAGAA	125982
59R	TGTACCAAACACTGCGTTATG	126106
60F	GCAAATAGGAAGCTATCCC	126957
60R	GTTATTCGCAACAATCTGAT	127211
