Table S1. Information on SSR markers used in this study with their GenBank accession numbers, linkage groups, primer sequences, repeat motifs, bibliographic references, and optimal annealing temperatures.

Locus	GenBank accession No.	Linkage group	Primer sequece		Repeat motif	Bibliographic reference	Optimal annealing temperature (℃)
			Forward（5' - 3'）	Reverse（5' - 3'）			
NSX175	-	1	GAGCTTACTAATAGGATACGCTG	ATTGTAAGGCGAATTGGATGG	$(AAGA)_n(AAT)_n$	Shimizu et al. (2016)	60.6
GSR2101	-	1	AAATGAATTGTAAATAACGGAGAT	GAGATTCTATAATTGAAAGCTCTC	$(TA)_n(GA)_n$	Shimizu et al. (2016)	54.0
TSGR265	-	2	AACAGTCCGACTAATTCATCC	TATCTCCAAGACTCCAACCT	$(TA[GCA])_n(CAA)_n$	Shimizu et al. (2016)	60.6
CiBE1644	ET097780	3	ACAGAAGAGGAGCCATTATTT	CAGAGAGAACCCGAAGAAG	$(GTT)_{11}$	Ollitrault et al. (2010)	58.0
NSX02	-	3	ACATCACATCGCCAATACCC	ACTCGTGGGACTCATGACTC	$(TA)_n(CA)_n$	Shimizu et al. (2016)	59.0
TSR8EM24	-	3	CCTTAATCGGAACAAATCATCGG	AAGACACAGCCAGATCTTCC	$(CAT)_n$	Shimizu et al. (2016)	56.0
TSRA110	-	4	GTTACACTGTCAAAGCCACTG	CGTGACAAATCTCCGACTCC	$(CTTTTTT)_n$	Shimizu et al. (2016)	56.0
CiBE4796	ET110437	5	GATGAGAACGCTGATGCT	TTCAACCACACTGACGATAA	$(AG)_{10}$	Ollitrault et al. (2010)	60.0
NSX43	-	5	TTCTGGATCAAACTAGCTTCGT	AACTTTAACCCTACAATCAGCC	$(TTCATGA)_n$	Shimizu et al. (2016)	60.0
GSR10S17	-	5	GTCATGCTATGGTTATCACAC	TTTTATTGTGACGTGGAAACG	$(ATTATC)_n$	Shimizu et al. (2016)	54.0
SSR08B62	-	5	TGACTCAAGTGATGAAGAGG	ACTGTCTTGGTCTTTGGCT	$(AAAGTG)_n(AAGATG)_n$	Shimizu et al. (2016)	56.0
NSX169	-	5	GACACGTAGCTCTATCTATATCTTC	GCTGCTGTTGATTGACACAT	$(AAG)_n$	Shimizu et al. (2016)	56.0
GSR5114	-	5	TAGTAACGGTGAGTGAAAAAG	AACCTGTGAAAGTTAATGTGG	$(AACAC)_n$	Shimizu et al. (2016)	56.0
CiBE0447	ET091388	6	CACAAAGAGAGTAACCCACAA	CGTCAAGAAGAGAGAATGATG	$(TTC)_{14}$	Ollitrault et al. (2010)	54.8
CiBE2165	ET102021	7	AATCCACTCTCAAACACCAG	AACTGCCAAATAACTACCATTC	$(TG)_9$	Ollitrault et al. (2010)	56.0
CiBE2227	ET100673	8	AGAACCAAGTCACCTCACAG	AGAGAAGGATAGGGATGGAA	$(AAC)_7$	Ollitrault et al. (2010)	59.0
GSR3141	-	8	GGGATATACTCGATTAAGTAGAC	AATAGTAGGGATTCAGATTCAC	$(ATT)_n$	Shimizu et al. (2016)	54.0
NSX141	-	9	TTAAGCCAATTCCTGAGCCT	TGGTCTGATGGATTCTGATTGT	$(AAC)_n(AAT)_n$	Shimizu et al. (2016)	56.0