Table S1. Primers used for REMAP, annealing temperatures, number of total and polymorphic bands scored for each primer combination used in the analysis.

Primer ID	Sequence (5´→3´)	Ann. temp. (^{o}C)	No. of bands scored/polymorphic
ISSR			
UBC-807	$(AG)_8T$	51	12/9
UBC-808	$(AG)_8C$	53	19/15
UBC-811	$(GA)_8C$	50	18/16
UBC-868	(GAA)6	55	17/15
9900F [a]	$(GTG)_7A$	58	21/16
LTR			
Sukkula[a]	ATAGGGTCGCATCTTGGGCGTGAC		

[a] Described in Baumel *et al*. (2002)

Table S2. Nuclear microsatellite markers used in this study, repeat motifs, position and primers sequence for PCR amplification.

Primer ID	Repeat	Position	Primers
Em133 [a]	$(AC)_{13}(AT)_4$	Genomic	For: GCGGATCACCTGCAGTTACATTAC
			Rev: TCCTTTGACCTATAGTGGCACGTAGT
Em135 [a]	$(CA)_{11}(GA)_{20}$	Genomic	For: ATCCTGTTGCTGCTCATTTTCCTC
			Rev: AGGAGGATCCAAGAGGTTTGTTGA
EEMS15 [b]	$(C)_{12}$	Nuclear-EST	For: GGGACAAATCTGACCTTTGG
			Rev: CTGGTGGCAAATTCTTCGAT
EEMS49 [b]	$(TA)_{12}(GA)_7$	Nuclear-EST	For: TGAAATTGATCAATACCTATAAATTTAG
			Rev: GAAAGCCAGGATAGCATTCG
Emg11A06 [c]	$(AG)_{22}$	Genomic	For: AGTGCTAATATGCAAGGGGAATGG
			Rev: GTTTACGGTGATCTTTCCGTATTCCAAA
Emg21A08 [c]	$(TC)_{14}(TG)_{14}TCTGTCTG(TC)_{25}CA(TC)_3$	Genomic	For: ATGGCAAGGACTGAGGTATCACAA
			Rev: GTTTCCGCTTATTTGATGGATCTTGC
Emf11D18 [c]	$(TA)_{10}(TG)_{51}$	Genomic	For: AGAGACAGGGAGAGTGCATTCTATG
			Rev: GTTTGCAGTTCATAAGGTTGCATCAATAC
Emf21C11 [c]	$(TC)_{24}$	Genomic	For: AGGTTGGAGCCATGATTACTTGAA
			Rev: GTTTGCTACCTATCAAACAGGCGGAA
Emg11M09 [c]	$(TC)_7TT(TC)_{31}$	Genomic	For: ATACATTGAAATTGGCTGAGCTTG
			Rev: GTTTGGATCTTCGCTAGAACTTTGGC

[a]Nunome *et al*., 2003; [b]Stàgel *et al*., 2008; [c]Nunome *et al*., 2009