

**Table S1.** Primers of molecular markers used for estimating the genetic diversity.

Marker	Forward Primer (5'-3')	Reverse Primer (5'-3')	Tm	PIC value
LSSR06a	GTTGTTTTGGGACAACACCC	AAAACCCGAACCTGTGTAGC	54°C	0,8
LSSR07	GGATCAGGTGCTTTCAGTCTTG	AACCTCATCGAGTGTGAGACTGTAC		0,7
LSSR10	CGTCATCCATCAATGTTTGG	TTAAGGAAACACTGGCCCAT		0,2
LSSR11	TCCCTTGCTCTTTTCCTCAC	CCGTTTAGCACATTGGCAC		0,6
LSSR14	GGTGACCCTCACCAGAACAT	GGTCCTTTGATGATGGTGCT		0,5
LSSR41	TCAAGGGTGCTCAGTATGGG	TCATCCTTTCCCTCCAAAGA		0,8
LAGI01-35805_F1_R1	TGGCATCACTGAAAATTGAGATGA	CTTTGAGAGGGCTTGTTTGAG	64°C	0,4
TP222136	CTTCACCCAGTCTCTATCTGCAC	AATGAGCATGCTTAATCTTGTTGCA	63°C	0,5
TP338761	TCCTTGAGAGAATCCAAGCTGC	CTACAATGCACACGAGATTGCC	60°C	0,3
GI-F1	TCTAGAGCAGGTAATCCAGCAAC	TTGCTAATGGTGCTGGTGTTATATT AAA	56°C	0,1
FTa1-F1	AAGGGTCTTGGATTTTCATAACTT ACA	AGCAACTACTGGGCCTAGT	62°C	0,2
SEP3-F1	TATTTAAGGATGAAGCACCA	TTTTTATCATTTTCATTTTCTTCG	56°C	0,5

\* PIC value: Polymorphic Information Content