

Table S3. SSR loci information (SSR locus name, primer sequence (F: forward primer, R: reverse primer) and references).

No	SSR Loci	Primer Sequence (5' to 3')	References
1	VVS1	F: acaattggaaaccgcgtggag R: cttctcaatgatatctaaaaccatg	[25]
2	VVS2	F: cagcccgtaaatgtatccatc R: aaattcaaaattctaattcaactgg	[25]
3	VVMD5	F: ctagagctacgccaatcaa R: tataacaaaaatcatattcctaaa	[26]
4	VVMD7	F: agagttgcggagaacaggat R: cgaaccttcacacgcttgat	[26]
5	VVMD21	F: ggtgtctatggagttgatgtgc R: gcttcagtaaaaagggattgcg	[26]
6	VVMD24	F: gtggatgatggagtagtcacgc, R: gatttaggttcattgttggaagg	[26]
7	VVMD27	F: gtaccagatctgaatacatccgtaagt R: acgggtatagagcaaacggtgt	[26]
8	VVMD28	F: aacaattcaatgaaaagagagagagaga R: tcatcaatttcgtatctctatttgcgtg	[26]
9	VVMD31	F: cagtggttttcttaaagttcaagg R: ctctgtgaaagaggaagagacgc	[26]
10	VrZAG21	F: tcattcactcactgcattcatcggc R: ggggctactccaaagtcagttcttg	[27]
11	VrZAG47	F: ggtctgaatacatccgtaagtatat R: acgggtgtgctctcattgtcattgac	[27]
12	VrZAG62	F: ggtgaaatgggcaccgaacacacgc R: ccatgtctctcctcagcttctcagc	[27]
13	VrZAG64	F: tatgaaagaaacccaacgcggcag R: tgcaatgtggtcagcctttgatggg	[27]
14	VrZAG79	F: agattgtggaggagggaacaaaccg R: tgccccattttcaaactcccttc	[27]
15	VrZAG83	F: ggcggaggcggtagatgagagggcg R: acgcaacggctagtaaatacaacgg	[27]
16	VrZAG112	F: cgtttaaagccagctgaatcttggg R: tggctccatactgcttcacgtaggc	[27]
17	VMC2H4	F: accaggtgtgcctataagaatc, R: tctctggaacatccaatcaac	[28]
18	VMC2C3	F: tgcaatccattattatctctt R: aatattttagaatgggtgctttt	[28]
19	VVIH54	F: ccgcactgtgttgaatttcag, R: caaacggttttacaccagcag	[29]
20	VVIB01	F: tgaccctcgaccttaaaatctt, R: tggtgagtgaatgatagtaga	[29]
21	VVMD25	F: ttccgttaaagcaaaagaaaaagg R: ttggatttgaaatttattgagggg	[26]
22	VVMD32	F: tatgatttttaggggggtgagg R: ggaaagatgggatgactcgc	[26]