

S2 Table. List of the 30 species-specific SSR markers designed for *V. floribundum*

Locus	Primer sequences (5'-3')	Motif	T °C
Mo001*	F: AACCTGTACAAGTCTACCCCTACCG R: TAATAACAGAACATCAGTGCAAGGC	(TTCCTG)48	58
Mo002	F: CAAAATAACCCTCAAACACACACC R: TTTATCATTATCCTACAGCGTCACC	(TTTGG)50	58
Mo003	F: CTACCCATCCAACCACCTAACC R: TAATAACAGAACATCAGTGCAAGGC	(ATGG)36	58
Mo004	F: GAGGTATTGGAATCCTTGGATGG R: CTCTCCCTCAACTCTTCCC	(TCC)33	58
Mo005	F: TAGAGATTCATCTCCATCCTTTTGC R: GTCCATTAGGGTTCCAAAAGTGC	(ACC)33	58
Mo006	F: GTTTGAAGATCTCGTGAGTAGG R: CAGTAGAACCCTTACCCCTGTAGC	(ACC)27	63
Mo007	F: GAAGCCTGGTCAGTCCTTTCC R: CACTAGGAGTCTGACTTTCCTCTGC	(TGC)24	63
Mo008	F: ACTACCCTGCCACTCTCACTACC R: CGGACCCAGAGTTAGGATAATACC	(ACC)27	63
Mo009	F: TATTCTTATGTTTCGTCCTCGTAGGC R: TTTCTGCTAGCTGTTGTTGTAACG	(AGT)24	63
Mo010	F: TAGACAACCACTTTCTTTGGTTTCC R: AATAAGTCTTGCTTTGTACCTTGCC	(TTC)30	63
Mo011	F: GCGAGAGTATTGGTGTTTCATGC R: CAGGTATAGATATACTGGGTTTGGAGG	(TTC)24	58
Mo012	F: TGTTACGCTTATTACGTTGTGTTGG R: TTCACAGTTGACTTGTCTTATGCC	(ACC)24	60
Mo013	F: AGAGTACCATTTGGGTTAGTTTTCG R: GACCAAAACAGTAGAAAACGACAGC	(TTC)33	60
Mo014	F: CTTTAAATGGAACCCCTCTTGTAGG R: AATACATACAATCTCAGGCAAAGGG	(ATT)30	60
Mo015	F: TAAATCCAAAAGGACAACCTCCATCC R: AACATGGGTTTAGCGTAGGAGACG	(TTC)27	60
Mo016	F: GAAGAAGAAATGGTGAGACAACCTGC R: AAGAAGATTGACTAGGGAGACATCG	(TTC)33	60
Mo017	F: AAAACGTAGTTGGACAAACGATACG R: GGTGGTTGTGGCCAAAATAGG	(ATT)42	60
Mo018	F: ATTCGGGTATGGAGAGAGAAAAGAGG R: ACACCAACAAAACCCGAAAATAACC	(TCC)27	60
Mo019	F: AACCTGTGTAATCTCACCCACTACC R: ATAGATGAGGTGCAACAAGAGTTGG	(AAC)33	58
Mo020	F: CTACATTTTACCCGGTCACTTTTGC R: CACTAGTTACAAGAGCATTTTCCC	(ATT)33	60
Mo021	F: CATGGTTTGGTCTAGTTGATAACCC R: GATGCTTCTAGAGCCTTTATTGC	(TTC)33	60
Mo022	F: CTTTAGAAACACGAAGTGACAGACC R: TAGCTAATAGGTCAAGGGTTCAAGG	(TTC)30	60
Mo023	F: GACGACCAGAATAAAGAAGAGAAAGG R: CTGAAGCCGACATATAGAACTTGG	(ATT)24	60
Mo024	F: TGTGCTTCTTTTGTTCCTACCC R: TTAGAGTTCTAAGCCAACAACTCG	(ATC)24	60
Mo025	F: GGTCAAAAGGAGGAGAATAATAGCC R: TGCTCTGCCCATTTAATGTTACC	(TTC)54	60
Mo026	F: AAGGGGCATCACTGTAATAGTATCG R: GAACGAAATCATCGTCTTACG	(TC)30	60
Mo027	F: CTTACCATGGTTGTAGCATTTTCCC R: GTCCGTCAATTGTTTATGGATAAGG	(AT)20	60
Mo028	F: TGCTTTCATCTATTGACCTTATCGG R: GGGTGTCTGATCAGTAATCTCTCG	(AC)18	60
Mo029	F: ACACCCTCAACTCAATACAGTGTGC R: TGATGAGAATCCACCATTTTAGTGC	(TC)30	60
Mo030	F: TAGACAACCAAGCTCATTGTATCG R: CACTTAGAACAGGAACCTCACCTGC	(TC)18	60

* The 16 SSR markers used to genotype the Ecuadorian *V. floribundum* individuals are in bold type.