

Additional file 2: Table S2. Primer sequences designed in this study.

Marker	Marker Type	Forward primer (5'-3')	Reverse primer (5'-3')
Indel1	InDel	AAATCTACATCACACCAAAGC	GCCTTGTTGGGTCTTTTAT
Indel3	InDel	GTCCACACCAAATCCACTAC	TGCTAGGAGAAACAACCTGT
Indel6	InDel	ACATACTTTGATGCCTTGGT	ACTCTGAGGTTTTCAAGCAG
Indel15	InDel	AACATCGCCATTGTAAGTCT	CAACTGCAACACAACAATTT
Indel17	InDel	AACAAAAGATCATTGCTTTCA	CATGGATATCACCTGAGAA
Indel19	InDel	GCTGTTGTTGTCTGTGACAT	AAACACCTCTCCTCCTCTTC
Indel48	InDel	AAAGTAACAGACACATGGACG	CTGAAAGGTGAGAAATGGAG
Indel52	InDel	TTCCCAGAGTCAGAAGAAGA	CTCCTTATCTATGGAGCACG
Indel56	InDel	TGCTTTCAGTAGCAAGGATT	ACAAACCAATCATTCGAGTC
Indel59	InDel	TGTTTGTTTGAAAAAGCTCA	AAACCAAGAAAAACAAGGAA
Indel63	InDel	GTATACACCAATTTTCGGGTC	CATCCAATGCTTCTCTTTCT
Indel75	InDel	CAGCAATAATCCAAGTCACA	GGTTAAACGATACTAACCGC
Indel77	InDel	CAGTGGTAGACCTCCACAAT	GCAAGACATATGATCCTTTCA
Indel86	InDel	AATGATACCAACCCACCAC	TGGAAGGTATAAAGTCTCATCC
Indel87	InDel	TCTTTCTGCTCAAAGGTTGT	AGGGTTTAAAAAGTCCCAAC
Indel2	InDel	TATAAAAGACCCAACAAGGC	GTAGTGGATTTGGTGTGGAC
Indel4	InDel	TAATAAGGCCATAAGCATCC	CTCCCTTGAGAAATGAAAAA
Indel10	InDel	TAActCAAGTCTCCCCGTTA	GAGAAACAAGACCGTGAAGA
Indel24	InDel	TTGGGAGAGCGAAATAAATA	AGTATGCGCTTTTGATTTTT
Indel37	InDel	CGCCATAGATTCTCAGTTCT	GATGTGAGGGAAAATAAACG
Indel38	InDel	TTTTTATTGGGTCCCTTTTT	TTCAAACCAATTCTTCTTTCA
Indel41	InDel	CAATCCTCCTTATCACCTCA	CAGATATAAGCGGAGCAATC
Indel44	InDel	AGGAACCAAATGAGAAGTCA	AAAAATCATCAACCAATCAAA
Indel61	InDel	TATGCGTATGCTGTTTCATC	CATAACTGCAACATGCCTAA
Indel70	InDel	ACCGAAAAATTATTTAGTATGA	AGAATAGGTGATTAATCGTGA
Indel73	InDel	ATTACGCGATCATTGTTTTT	TAGAATGCCTTTCTTTTCGAG
Indel76	InDel	AAGATCGGAGAATGAAAACA	TCTAGAACGATCGGCTACAT
Indel81	InDel	AAAGTTCGACAAAATTGGTG	CAATGATTTCGTA CTTCATGT

15 markers that tightly linked with the *cqSPDA2* locus are displayed in bold.