

Table 1 Primers for the OsSPL genes and the polymorphic loci for genotyping of 171 accessions in the USDA rice mini-core collection

Primer	Forward primer (5'-3')	Reverse primer (5'-3')	Annealing temperature	Locus Identifier	No. of polymorphic loci	Total loci
SPL1	ACATCCTGTAACCAAACGTTTACT	ACGAAAGTGCAGTAGAGGGGCC	56	LOC_Os01g18850	3	4
SPL2	CGCCGCAGGAGACGAAGT	GCTGGCACCCGAACAACG	61	LOC_Os01g69830	17	19
SPL3	TCTGCTGTGCTCCTTTTCTCTGG	CGATTGGCTGCTACCACCGGT	58	LOC_Os02g04680	4	4
SPL4	GTGCCAGGTGGAAGGGTG	GGGCGTAGATAGGGGTTTG	55	LOC_Os02g07780	15	15
SPL5	ACACAGTCAATAACTCACCTCA	GTTGCAGTCGCCCGCTTGA	58	LOC_Os02g08070	5	5
SPL6	AGTTGCCGCCGACGTTTAGCA	TGCATGCTTTGGCATGCCTCCA	60	LOC_Os03g61760	2	2
SPL7	AGTAGGTCCTTCTGGCTGTCT	AATGCTGATGGGCTTTGG	49	LOC_Os04g46580	8	9
SPL8	TGCGTGAGTAGTGAGGGATA	CGTGAAGTGGCTGTAGGG	52	LOC_Os04g56170	12	13
SPL9	AGGGGCCTTCTTTATCCATGTC	GGGCAAGTGGGTGCTGTCCTAG	58	LOC_Os05g33810	0	1
SPL10	GCACTGCCACGATGCGACGAT	GGAGCTCACCTGCATGTGGTCT	59	LOC_Os06g44860	7	8
SPL11	AGGAGTACTACCGCAAGCACCG	GGCAAGGGGCAGAGAACCTTGTG	59	LOC_Os06g45310	10	11
SPL12	ACACCCCGAAGGTCCTCAACCA	ACCAAGGCAGGAAGTCCAAAAA	56	LOC_Os06g49010	8	9
SPL13	CCGTTTGTTCAGCAGGGTGGT	TGAACAAGGCCAGGCCAGCG	59	LOC_Os07g32170	7	8
SPL14	TGCACGGTCTCAAGTTCGGCA	ATGCAAAGCGGCAGGCAGGC	60	LOC_Os08g39890	9	9
SPL15	CCCATCCGTTTCGGTAGAC	GAGCCATCCAAGTTCGTTTA	52	LOC_Os08g40260	1	1
SPL16	TATGACCGTCTGCTTCCTCT	GTGCTGGCTTGTAATGGC	52	LOC_Os08g41940	5	6
SPL17	TTTGTTTCATCAGAAATCCC	GCCATAGCGAGAAGAAAGAG	52	LOC_Os09g31438	8	9
SPL18	GGAGCTAATGCGCGCCTCCA	GCATCCCACCAGCCTGTTGCT	59	LOC_Os09g32944	6	6
SPL19	ATCGCCCCACCATGGGCATT	AATTCCTTGGCATCAAACACA	56	LOC_Os11g30370	1	1
Total					128	140