Additional File 1. List of primer pairs used to amplify the SSR containing regions

List of primer pairs used to amplify the SSR containing regions, along with information on the individual SSR motifs and LG to which each SRR marker locus belongs. The M13 tailed primers are indicated in bold. The dotted lines separate the multilocus PCRs; the plain lines indicate Genescan® runs.

Old ID[1]	New ID[2]	LG	Motif		Primer sequence	Tm (°C)	GC (%)	PCR cycle	Dye
EU03D01	M7.19	7	$(CT)_{18}$	For	ATGTCGGAGCAAAATCGTTC	59.38	45	Rad-multi 56	6-FAM
				Rev	**TTGTAAAACGACGGCCAGT**CATGTTCCCGCTCATGAATA	58.21	45		
EU10H05	M7.20	7	$(CT)_{31}$	For	**TTGTAAAACGACGGCCAGT**GTCATGATGGCGTAAAAG	53.95	44	Rad-multi 56	
				Rev	ACACTCACTCACACTCCGTAA	61.25	47		
EU02C09	M4.12	4	$(CT)_8TT(CT)_5CC$ $(CT)_3TT(CT)_7$	For	GGCATCGGGATAGAAAAACA	58.43	45	Rad-multi 56	VIC
				Rev	**TTGTAAAACGACGGCCAGT**TCAATGCCTCAACAGAAATCC	59.04	42		
EU07G10	M4.10b	4	$(CT)_{21}CATA$ $(CA)_5 CT(CA)_5$	For	CATCCATTATTGGGCAG	52.33	47	Rad-multi 54	PET
				Rev	**TGTAAAACGACGGCCAGT**CACCAACGAACTCCTTACAAA	58.92	42		
EU0022	M1.1	1	$(GA)_{40}$	For	**TTGTAAAACGACGGCCAGT**CCAACGGATACCAAGGTGTT	60.45	50	Rad-multi 54	NED
				Rev	AACCGCACGGGTTCTATG	60.18	55		
A124	M9.25	9	$(CA)_{11}$	For	GTGTGGGTGTTTGAAGAGC	59.43	52	Rad-multi 54	
				Rev	**TTGTAAAACGACGGCCAGT**TCAAGAACATCAACGCGTAA	58.31	40		
EU03H01	M4.11b	4	$(TG)_5CG(TG)_7$	For	GCCATTCCTTTCAAGAGCAG	59.66	50	Rad-multi 56	6-FAM
				Rev	**TTGTAAAACGACGGCCAGT**AACCCAAAACCGCAACAATA	59.07	40		
EU01H08	M3.7	3	$(CT)_{22}$	For	TTCGAGTCTTGCCTTAATTGTT	58.75	36	Rad-multi 56	
				Rev	**TTGTAAAACGACGGCCAGT**CAGACGACCTTACGGCAACT	62.64	55		
A149	M3.9	3	$(CA)_{12}$	For	**TTGTAAAACGACGGCCAGT**CTGCTATGGACAGTTCCAGT	59.58	50	Rad-multi 56	VIC
				Rev	CAATTCAGTTGTGATAGACGC	57.81	42		
EU11C09	M3.8	3	$(CT)_{16}$	For	AGGAAGCGGTGTCATCTGT	61.40	52	Rad-multi 56	
				Rev	**TTGTAAAACGACGGCCAGT**CGCCCACATATTCATTCTCA	58.21	45		
sw2H09.2	M2.5	2	$(CT)_5CC(CT)_{13}$ TT $(CT)_5$	For	GTGCCGGTCTTCAGGTTACA	62.60	55	Rad-multi 54	NED
				Rev	**TTGTAAAACGACGGCCAGT**CGCCTACCGATTACGATTGA	60.16	50		
sw2A12.2	M9.27	9	$(GA)_{10}TAAA$ $(GA)_5$	For	**TTGTAAAACGACGGCCAGT**GCTAAAAGAAGTGCAAGGAGA	58.70	42	Rad-multi 54	
				Rev	TGTTCTTTCAAGTGCCAA	54.94	38		
B42	M2.6	2	$(CT)_{26}$	For	**TTGTAAAACGACGGCCAGT**GGAGCAGGTAGAGTCCCATC	61.61	60	Rad-multi 54	PET
				Rev	CGTTTGAAAATTTATACCAAAATG	54.54	25		
EU07F12	M6.16	6	$(CT)_{12}TT(CT)_{15}$ TT $(CT)_2TT(CT)_4$	For	**TTGTAAAACGACGGCCAGT**TATTGCATTGTTGTTCCTTG	54.90	35	Rad-multi 54	
				Rev	TGTATTTAGAAGAGGGAAATAGATG	56.44	32		

Old ID[1]	New ID[2]	LG	Motif		Primer sequence	Tm (°C)	GC (%)	PCR cycle	Dye
EU07B09	M8.22	8	$(CA)_5AA(CA)_9$	For	TCGTCATCAGAAACAAAGCAA	58.92	38	Rad-multi 56	6-FAM
				Rev	**TTGTAAAACGACGGCCAGT**CAAAGAAGGCACTCTTGTCG	59.60	50		
A94	M8.24	8	$(TC)_{16}(CA)_{13}$	For	**TTGTAAAACGACGGCCAGT**GGTCCGTAGACTGCAGACTTT	62.27	52	Rad-multi 56	
				Rev	CACCGTCCCACTTTTTAGG	58.52	52		
B214	M5.14	5	$(TC)_{11}$	For	**TTGTAAAACGACGGCCAGT**AAAGTCACACATCGCATTTCCT	61.32	40	Rad-multi 56	VIC
				Rev	GTAGCAGCAGCAGCCATCTT	63.38	55		
sw2F09	M9.26	9	$(GATA)_3N_{19}(GA)_9$	For	**TTGTAAAACGACGGCCAGT**CCTACACTCGGCCACCTACT	63.36	60	Rad-multi 56	
				Rev	TCGACGGTATAACAACACCTG	60.28	47		
EU02E02	M7.21	1	$(CT)_{13}$	For	GGACACCGAGCTGGAGAA	61.46	61	Rad-multi 56	
				Rev	**TTGTAAAACGACGGCCAGT**TTCCACTTTCGGGAGTTACC	59.80	50		
EU06C09	M1.3	1	$(CT)_{17}$	For	**TTGTAAAACGACGGCCAGT**TGGAGAAAAATGAAGCAC	53.16	38	Rad-multi 54	PET
				Rev	GAATGAGTGAGAGAATGATAGGG	58.36	43		
B131	M2.4	2	$(GA)_{25}$	For	**TTGTAAAACGACGGCCAGT**GCTCGAAAATCGGCTACAAC	60.09	57	Rad-multi 54	
				Rev	CGAGCCATGTTAGGGTTTGT	60.81	50		
EU08C07	M6.18	6	$(CT)_{16}$	For	CTCAACGAATGCTTTGGACA	59.23	45	Rad-multi 56	6-FAM
				Rev	**TTGTAAAACGACGGCCAGT**CCTCGCGGTAGCTTATTGTT	60.66	50		
EU02A11	M5.13	5	$(CT)_{23}$	For	AGGCATAAAGAGGTGTGG	56.61	50	Rad-multi 56	
				Rev	**TTGTAAAACGACGGCCAGT**TCAAACATGAAAACCGCTC	56.89	42		
EU07C10	M8.23	8	$(CA)_{11}(CT)_9$	For	TGTAGACACACAAAATGCACA	58.84	38	Rad-multi 54	VIC
				Rev	**TTGTAAAACGACGGCCAGT**ACCGGTTGAAAACATGAAAT	56.59	35		
A158	M6.17	6	$(CA)_8(CT)_{18}$	For	**TGTAAAACGACGGCCAGT**CGTGTCCAAACGCAAACATTAT	60.85	40	Rad-multi 54	
				Rev	GCACAATTTTCCTACCACTTATCC	60.42	41		
EU0030	M5.15	5	$(CT)_{11}N_7(CAA)_5$	For	**TTGTAAAACGACGGCCAGT**AGCACGACTCTGCTGTCTTTT	62.75	47	Rad-multi 54	NED
				Rev	CGAGCCATGTTAGGGTTTGT	60.81	50		
EU02D02	M1.2	7	$(CT)_{19}$	For	**TTGTAAAACGACGGCCAGT**CCGGCAGAATTTTTAGGG	56.14	50	Rad-multi 54	
				Rev	CAGGTCATAGGTCCATGTGAAA	60.27	45		

1. Cadalen *et. al.* [10]

2. Ghedina *et. al.* [present paper]