

Microsatellite primer sequences and locus information for Scarlet Macaw (*Ara macao*)

Locus name	SMACv1.1 scaffolded contig number	Forward primer sequence 5'–3'	Reverse primer sequence 5'–3'	Repeat motif	*Fluorescent tag
SCMA01	s_1_1NewScaffoldedcontig_720	*ATGGTAGAGGGAGGCACTGA	GCATGGTATAAGGCCATCT	(AC) ₂₂	NED
SCMA02	s_1_1NewScaffoldedcontig_3573	*TCAACCTCCAGGTGCTCTCC	TCCTTCAGTACCAGCTTCA	(GT) ₂₁	NED
SCMA04	s_1_1NewScaffoldedcontig_8801	*TAAGCCCTGCTCATCAAAGG	CGACAGGAGCTGATAAGGGT	(AC) ₂₀	VIC
SCMA05	s_1_1NewScaffoldedcontig_11956	*CAGAAAGCCAGGAGTCCAAG	TTTCTGACTTTGCTGTTGG	(AC) ₂₀	NED
SCMA06	s_1_1NewScaffoldedcontig_12019	*AGTCTGAGCAGGTGCAGGAT	ACAGACTCTGCACCACATGC	(CT) ₃ T(TG) ₂₁	VIC
SCMA07	s_1_1NewScaffoldedcontig_14086	*CTGATGATGGTGGAAAGCCT	ATGTTCCACTGCATGTCTCG	(TG) ₂₁	NED
SCMA08	s_1_1NewScaffoldedcontig_18034	*CTTGCCAGATGCTGACACTC	TCATGACCTTTCTGCCTTCC	(TG) ₂₂	FAM
SCMA09	s_1_1NewScaffoldedcontig_19117	*CACTACCAGCAAGTAGCAGGC	TGAATTCTAACAAGCAGCGG	(CA) ₂₀ CG(TA) ₃	VIC
SCMA10	s_1_1NewScaffoldedcontig_19611	*TCCAGGAAGTAAATACCTCAT	TGGCTTATCATTTCTTAGCCAG	(GT) ₂₁	NED
SCMA11	s_1_1NewScaffoldedcontig_19941	*TCCTTCGTCCTCTCTCC	AGGCAAAATGACAGAACTGGG	(AC) ₂₁	NED
SCMA12	s_1_1NewScaffoldedcontig_20383	*GGTGGAGCACATTTGCTGAAA	CAAAGATGCCACCCAAA	(AC) ₂₂	VIC
SCMA13	s_1_1NewScaffoldedcontig_21269	*GTTGGCCACTGCTTCAAGAAC	GCTGCAAGAAATCCAGTCC	(TG) ₂₁	VIC
SCMA14	s_1_1NewScaffoldedcontig_25432	*CGCATACTTTACACCCACCA	TTGTGACAGGGCTAGGCAG	(AC) ₂₀	FAM
SCMA15	s_1_1NewScaffoldedcontig_26647	*GACTGGCAGTTAAGTGGTTG	AATGACTTTCCTCTTGCTCCC	(GT) ₂₀	NED
SCMA16	s_1_1NewScaffoldedcontig_32560	*AAAGCTTCCACACATCATGG	TTGCTTTATCCAAACATTTGTGT	(AC) ₂₀	NED
SCMA17	s_1_1NewScaffoldedcontig_34586	*CACAGCTGCACATTTGATCC	GCCTCATGGGTAGAAGTGT	(TG) ₂₀	VIC
SCMA19	s_1_1NewScaffoldedcontig_35385	*AGCGCATCTGCTAGATGTT	TAATCCACAGCACCAACAG	(GT) ₂₄	VIC
SCMA20	s_1_1NewScaffoldedcontig_36691	*ATGCTTCCAATCAGAATGC	CCAGGGACATAGTAGTGCAC	(AC) ₂₀	VIC
SCMA21	s_1_1NewScaffoldedcontig_41388	*TGAATTTCCGTGCTAAAGC	TCACCCAAACAAGCAACTTTC	(GT) ₂₀	FAM
SCMA22	s_1_1NewScaffoldedcontig_44383	*AACTGTGATGAAGTTCGTGGC	CAACGGCTACACACAGTCT	(TG) ₂₂	VIC
SCMA25	s_1_1NewScaffoldedcontig_58183	*AAATGCTGCCCTGAGTTCAT	TCTTATAGCTTTGTGATGTCATTGAA	(GT) ₂₀	FAM
SCMA26	s_1_1NewScaffoldedcontig_61104	*AGCAAAGGTAAGGAGCAGCA	GGCACCTCTCATCTATTGCG	(TG) ₂₁	VIC
SCMA27	s_1_1NewScaffoldedcontig_62371	*TTCTGCAGCAGTTCACAAA	TGGACTCTGTATTCCAGTCGC	(CA) ₂₂	FAM
SCMA28	s_1_1NewScaffoldedcontig_65504	*GAAGGCAAGTCTCATGCTG	CCATTATGATCAGATTTCCGC	(TG) ₂₁	NED
SCMA29	s_1_1NewScaffoldedcontig_66792	*GGTGGGAGATAGCCTGAT	GTTGAATGCAAAAGTGCATGG	(TG) ₂₀ TA(TG) ₃	FAM
SCMA30	s_1_1NewScaffoldedcontig_68479	*TTGCCAGTCTCTCTACC	ACCACCTTCTTGACTTGTAATTG	(CA) ₂₄	FAM
SCMA31	s_1_1NewScaffoldedcontig_70421	*TGTGCTCCCTACAGTTCCAA	AACGCTGAACCTGGTGGT	(AC) ₂₁	FAM
SCMA32	s_1_1NewScaffoldedcontig_77138	*GGCATGGCTCTTACTTGCT	TTGCCACTGAGGCTTCTACC	(TG) ₂₁	VIC
SCMA33	s_1_1NewScaffoldedcontig_77453	*GAGGCACTATTTCTGGCAGC	GCTAAGCAGATTTGTCTAAACATCA	(AC) ₂₁	VIC
SCMA34	s_1_1NewScaffoldedcontig_78919	*TTTGGCAGTAGTGGGATTT	AACTTGGGAATACATCGCTGA	(AC) ₂₂	VIC
SCMA35	s_1_1NewScaffoldedcontig_81206	*CTCGATCTGGACAGCACACT	GGGTTGTCTGCTGGTACTAAAG	(GT) ₂₀	VIC
SCMA37	s_1_1NewScaffoldedcontig_91851	*TCACATGCATGAGCTGGG	CCTGTAAGGTCAGGAAGGACA	(GT) ₂₀	VIC
SCMA38	s_1_1NewScaffoldedcontig_92645	*TCACTGAATCTCATTGCCCA	CATCCTAATCAGGCAGGGAA	(AC) ₂₀	FAM
SCMA40	s_1_1NewScaffoldedcontig_109156	*GCCTGCACAAATTCATACC	TTTGGTGGAAACTGGACCTA	(AC) ₂₄	FAM
SCMA41	s_1_1NewScaffoldedcontig_115612	*AATTTGGGTAGCAATGTGGA	CAGCAGATGTGATTCTGGTT	(TG) ₂₀	NED
SCMA43	s_1_1NewScaffoldedcontig_127204	*GTGATCACAGAAACACGGG	GGCTGGAGAGTGCCTTACCT	(GT) ₂₀	VIC
SCMA44	s_1_1NewScaffoldedcontig_132550	*GGTGGAGCACATTGCTGAAA	CAAAGATGCCACCCAAA	(AC) ₂₂	NED
SCMA46	s_1_1NewScaffoldedcontig_181852	*TGTGGCATCTCATATTGTGC	CATAAACATGCGGAGCAGC	(AC) ₂₁	NED

Conservation Genetics Resources

An evaluation of primers for microsatellite markers in Scarlet Macaw (*Ara macao*) and their performance in a Peruvian wild population

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