

Compiled from SCHABLE, NANCY A., FAIRCLOTH, BRANT C., PALMER, WILLIAM E., CARROLL, JOHN P., BURGER, L. WES, BRENNAN, LEONARD A., HAGEN, CRIS & GLENN, TRAVIS C. (2004) Tetranucleotide and dinucleotide microsatellite loci from the northern bobwhite (*Colinus virginianus*). *Molecular Ecology Notes* 4 (3), 415-419. doi: 10.1111/j.1471-8286.2004.00670.x

Table 1. Characterization of 23 primer pairs that amplify microsatellites from *Colinus virginianus*. Sequences used to introduce sites for the universal fluorescent primer are in italics.

Locus	Primer Sequence 5'->3'	GenBank Accession Number	Dye	Repeat(s) in Cloned Allele	Clone Size (bp)	N	No. of Alleles	Size Range (bp)	HO	HE	PIC
Quail 3 U Quail 3 L	GTG ATA CCC TCT GCT AGA C <i>CAGTCGGGCGTCATCA</i> CCA GCA ATA CAA GAG TTT A	AY523007	FAM	(AC) ₁₃	120	16	9	110-136	0.438	0.887	0.844
Quail 9 U Quail 9 L	TGG CTG AAC TGA TGT ATT A <i>CAGTCGGGCGTCATCA</i> CCT GGA GTA TTA GCA CAC A	AY5230014	FAM	(AC) ₂₃	234	16	10	200-238	0.188	0.768	0.727
Quail 10 U Quail 10 L	<i>CAGTCGGGCGTCATCA</i> GCA GGA AAT AGA TAG GTA GAT CCA CTC ACT GCC TTA CTA	AY523015	FAM	(ACAG) ₄ ...(ACCT) ₄	168	16	5	164-180	0.438	0.659	0.580
Quail 11 U Quail 11 L	<i>CAGTCGGGCGTCATC</i> AGC TCA TTC TCA TTC ATA TT ACT GAA AAC AAG CAA GTT A	AY523016	FAM	(AAAC) ₅	194	16	2	194-198	0.375	0.508	0.371
Quail 13 U Quail 13 L	<i>CAGTCGGGCGTCATC</i> AAA CAG TTC AAG TCT TCA AAT A GCA GTC TTC GCT TGA TAC	AY523018	FAM	(AC) ₃₅	170	16	10	116-170	0.938	0.837	0.787
Quail 14 U Quail 14 L	<i>CAGTCGGGCGTCATCA</i> GCA TTT GCG TTT AAG TAA G CCA AGC TCA GTG TCT AAG A	AY522953	FAM	(AAAC) ₅	240	16	3	232-244	0.188	0.331	0.294
Quail 16 U Quail 16 L	TGA AAT GAT GTG AGG AGT AT <i>CAGTCGGGCGTCATCA</i> AAT CCT CAT AGT TCT TCA CAT A	AY522955	FAM	(AAC) ₇	168	16	3	162-168	0.188	0.179	0.166
Quail 17 U Quail 17 L	TTG TTG CCT TTC TTG TAA <i>CAGTCGGGCGTCATC</i> AAT AAA ACC AAA GAT CAT TAG TA	AY522956	FAM	(AC) ₁₃	160	16	11	136-172	0.875	0.883	0.840
Quail 21 U Quail 21 L	<i>GGAACAGCTATGACCATG</i> CAC ACA CAA AAT GAG TAA GT TAA AAT GGG AAC AGT GTC	AY522965	FAM	(AATG) ₁₁	180	16	6	168-188	0.563	0.758	0.692
Quail 22 U Quail 22 L	TGA TCC CTA AAA CAA CAT A <i>CAGTCGGGCGTCATCA</i> CCT TGG ACC TCT GTA AT	AY522966	FAM	(ACAG) ₄ ...(AGAT) ₁₅	204	16	10	156-208	0.938	0.891	0.848
Quail 23 U Quail 23 L	<i>CAGTCGGGCGTCATCA</i> GAT TCA CTG CAT TTG TTA G GGC AGA AAC TTA TGA CAT	AY522967	FAM	(AAAG) ₁₆	252	16	10	226-272	0.875	0.869	0.824
Quail 24 U Quail 24 L	<i>GGAACAGCTATGACCATG</i> AAA TGT GTT GAA GGA AGT AT CTG TTT GCC TCC AGT C	AY522968	HEX	(AAAC) ₆	154	16	6	148-164	0.750	0.742	0.673
Quail 25 U Quail 25 L	<i>CAGTCGGGCGTCATC</i> AGG TAT TCT ATC AAG ATT CTA TC GTT TTT GTT ACG CAG TTT	AY522969	HEX	(AAAC) ₅	150	16	2	146-150	0.125	0.226	0.195
Quail 26 U Quail 26 L	<i>CAGTCGGGCGTCATCA</i> CCT AGA ACA AAG CAC AG TCC TTA TTT GAG AGC TTA	AY522970	FAM	(ACAG) ₅ (AGAT) ₁₂ ...(A CCT) ₂	203	16	9	172-219	0.563	0.877	0.832
Quail 27 U Quail 27 L	TAG TCA GTG AAG CAA TAA G <i>CAGTCGGGCGTCATCA</i> CCA GAA TTT CGA TAC AC	AY522971	FAM	(AAAC) ₅	240	15	4	170-244	0.133	0.678	0.592
Quail 30 U Quail 30 L	<i>CAGTCGGGCGTCATC</i> AAT AAA ACC AGA AAT AAA CTC A CGA TCC ACC TGA AAG TA	AY522978	FAM	(AC) ₁₄	289	16	8	277-293	0.875	0.817	0.764
Quail 31 U Quail 31 L	GTG CTT GAG AAA TGA GTT A <i>CAGTCGGGCGTCATCA</i> GCA GGC AAA ATC TAA AC	AY522979	FAM	(AC) ₁₃	154	16	9	152-170	0.563	0.833	0.782
Quail 32 U Quail 32 L	<i>GGAACAGCTATGACCATG</i> AAG ATA TGC AGG TTA GAT TA TTC CCA CCA TGT TAT CTA	AY522980	HEX	(AAAC) ₅	192	16	6	182-204	0.313	0.435	0.404
Quail 34 U Quail 34 L	TTG GTC AGG AAT CAC ATA <i>GGAACAGCTATGACCAT</i> GCA GGA GAC AGA CTA TGA	AY522983	FAM	(ACAG) ₅ (AC) ₇	299	16	6	283-311	0.063	0.764	0.704
Quail 41 U Quail 41 L	<i>CAGTCGGGCGTCATC</i> ACT TGT TTT ACT TCT GGAATA AAA TGT TTC TGG GAT CTT	AY522996	FAM	(AAAT) ₇ ...(AAAC) ₅	316	16	9	290-336	0.625	0.815	0.762
Quail 44 U Quail 44 L	<i>CAGTCGGGCGTCATCA</i> TCC ACA GCA GGT CAG TA CCC TCT CCA CTT GGT ATA	AY523000	FAM	(AAAC) ₅	208	16	7	192-208	0.625	0.760	0.705
Quail 46 U Quail 46 L	CTA CTG AAC CGT GAT GTA T <i>CAGTCGGGCGTCATCA</i> GTT TAA CAG TTC CAT GAA TAT	AY523002	FAM	(AAAC) ₆	136	16	2	128-136	0.063	0.063	0.059
Quail 47 U Quail 47 L	TAT CCA TCT CTC CAT CTA TCT <i>CAGTCGGGCGTCATCA</i> GCT CCA GGA AAA CAT AAT	AY523003	FAM	(AG) ₇	187	16	2	187-303	0.188	0.272	0.229