Supplementary Table S2. PCR primer information and locus validation results.

CANDIDATE TYPE	LOCUS ID	STACKS LOCUS ID	PRIMER ORIENTATION	START POSITION	PRIMER LENGTH	TM (C)	%GC	PRIMER SEQUENCE (5'–3')	AMPLICON LENGTH (BP)	ANNEALING TEMP (C)	SEX-SPECIFIC IN TWO-INDIVIDUAL TEST?	SEX-SPECIFIC IN TEN-INDIVIDUAL TEST?
Male-Specific	1	1449	Forward	28	27	60.80	29.63	ATAATGGGAAAATTCCAACTACAAATC	473	64	No	N/A
Male-Specific	1	1449	Reverse	500	29	60.77	24.14	AATTCTGATAGGAAAATGTTAATCCAAAT				
Male-Specific	2	7849	Forward	71	24	67.62	58.33	CCCACCTCAGTGCTTCTTCTGTCC	404	63	No	N/A
Male-Specific	2	7849	Reverse	474	25	60.20	40.00	CTGAGAGGGAAAACTTACAGTTCAA				
Male-Specific	3	70276	Forward	6	31	60.89	29.03	GCTTTAGGGTATTTGTAATAGAAAATGTCTT	465	63	No	N/A
Male-Specific	3	70276	Reverse	470	28	59.76	35.71	GAGTTAATGTGTGTGTATTTGTCTGTGT				
Male-Specific	4	105687	Forward	23	28	66.17	42.86	CTTTATATTTGGCGTACGGCTATCATCC	390	69	No	N/A
Male-Specific	4	105687	Reverse	412	27	66.47	44.44	AGGCTTTAAGAGGGACACATGGAAAAC				
Male-Specific	5	142307	Forward	76	26	68.62	50.00	CTCAGTGTTTCTTCTGTCCGGGCTTT	396	63	No	N/A
Male-Specific	5	142307	Reverse	471	25	60.30	40.00	AGAGGGAAAACTTACAGTTCAAACC				
Male-Specific	6	143182	Forward	51	32	62.15	28.12	TTAAAAATCTAATCCCCATACTGCTAAAATAC	412	64	No	N/A
Male-Specific	6	143182	Reverse	462	30	60.68	33.33	GCTATCATTAAGGTAAGTGTTATTGAACCT				
Male-Specific	7	166076	Forward	54	27	65.45	44.44	ATCCCCAGAAGTGCCTATAAAACACAG	352	65	No	N/A
Male-Specific	7	166076	Reverse	405	32	62.34	31.25	TACAGTTGTAAATGTTGGTATTACTCAAGACA				
Male-Specific	8	211821	Forward	67	28	64.53	46.43	CTTGCTTCAGCTGTAGGTATGTGCTAAC	422	65	No	N/A
Male-Specific	8	211821	Reverse	488	31	61.75	38.71	GTTAACTCTGTTTCTTCCTCTGCTAGTAAAC				
Female-Specific	9	1024220	Forward	84	32	59.39	25.00	TTTTAAAACTAGCATATAGTCATAGCTTTCTT	383	62	Yes	Yes
Female-Specific	9	1024220	Reverse	466	31	65.32	32.26	AGAAGATCCGAAACAAGGAAACTTAAAATCT				
Female-Specific	10	1026674	Forward	20	30	61.47	33.33	GTCAGATTTACATGACATAAGAAGGAGAAT	430	64	Yes	No
Female-Specific	10	1026674	Reverse	449	28	61.11	39.29	CACTGTTACAGATGAATGTGTGTACTTG				
Female-Specific	11	1028723	Forward	110	27	62.86	48.15	CTATCCCATACCACCGTATGTAGTGAC	374	63	No	N/A
Female-Specific	11	1028723	Reverse	483	32	60.06	34.38	GAATATTGGTGTACAAACTATACCATACTAGG				
Female-Specific	12	1029082	Forward	82	26	60.53	30.77	GATGAAAACCGAATGAATAGAAAAAG	378	64	Yes	No
Female-Specific	12	1029082	Reverse	459	30	62.18	40.00	GTCTGCGTTATTGTAGACTGCTTTACTAAG				
Female-Specific	13	1029288	Forward	79	31	68.97	35.48	AAACAGACATTGTGTCAGCTTTCCAATTGAT	380	64	No	N/A
Female-Specific	13	1029288	Reverse	458	29	61.20	34.48	ACTGAGTCTAACTCAATCCCTAAAAATGT				
Female-Specific	14	1031163	Forward	50	26	59.71	34.62	CAGGTAAGAAAAGCTAAAAACAACCT	326	63	Yes	No

Female-Specific	14	1031163	Reverse	375	26	68.82	50.00	TCCCTGGGACCCTTTTAAACCTTCAG				
Female-Specific	15	1032633	Forward	98	30	65.41	46.67	GTACTGGGACAGAATGAGAACCAGAGTTAC	341	64	No	N/A
Female-Specific	15	1032633	Reverse	438	32	60.52	37.50	GAGACTAATAGCAATACTATGAAGTAGGGTCT				
Female-Specific	16	1036594	Forward	80	31	62.10	32.26	CTTTAATAACAGATGTTACGATTACCCAACT	393	63	Yes	No
Female-Specific	16	1036594	Reverse	472	32	60.13	28.12	TAGAATCAGTAGAAAAATTCAAGAGAGAACTA				
Female-Specific	17	1041601	Forward	23	30	61.37	30.00	ATAAACATCACTTTTTGGTTTTACTGAGTC	427	64	No	N/A
Female-Specific	17	1041601	Reverse	449	31	63.83	32.26	ATTAATTAGTGAAAATCCTCAGCGATTAGTG				
Female-Specific	18	1050159	Forward	116	27	59.78	33.33	GCTCAAATTAAGAAGTTCCTTTGTAGA	378	63	No	N/A
Female-Specific	18	1050159	Reverse	493	26	67.04	46.15	GAGTTGAATCATTGGCCTGGATCTTC				
Female-Specific	19	1053606	Forward	67	28	60.62	32.14	GAGATCAAATAACAGGGCATATTTTAAC	408	63	Yes	No
Female-Specific	19	1053606	Reverse	474	32	59.72	25.00	TTTAATGATTTAGAGTTGTTTACAATACAGTG				
Female-Specific	20	1054505	Forward	37	27	67.99	44.44	AAGTATTTGCTGCGGAAGGCTTTCTCT	375	63	No	N/A
Female-Specific	20	1054505	Reverse	411	27	59.77	29.63	CAAAAGAAAATGGGACTAAAAACATAG				
Female-Specific	21	1054621	Forward	44	31	64.97	41.94	CTAGGGGTTTTCTTTATCCCTATCTGGTTAC	410	64	No	N/A
Female-Specific	21	1054621	Reverse	453	26	61.08	42.31	ATCTCCAATCTGTGAGATACCTGAAC				
Female-Specific	22	1055964	Forward	21	29	61.00	37.93	CAGAGCTCAGATAGTTCAGTAACAAAGTT	437	63	No	N/A
Female-Specific	22	1055964	Reverse	457	26	59.76	42.31	CTGCTCAGGTCATTAGTTATCTTGAC				
Female-Specific	23	1059944	Forward	15	32	60.25	31.25	ACTTAACTGATAGATATAGAAAAAGCTCCAGT	433	62	Yes	No
Female-Specific	23	1059944	Reverse	447	27	59.42	37.04	AGGTCTAGAAAAATGATACAGGATGAC				
Female-Specific	24	1062379	Forward	42	26	66.36	46.15	CTGTGGTAATTCTGCTGGGAATGTGT	352	69	No	N/A
Female-Specific	24	1062379	Reverse	393	26	66.83	46.15	GGCAAAGCTATATTTTGCTGCCTCAC				
Female-Specific	25	1070303	Forward	72	24	66.46	54.17	GTCACGCCACACACCTTTCTCTTC	429	65	No	N/A
Female-Specific	25	1070303	Reverse	500	31	61.55	22.58	AATTCACAATTTAAGTGACATGCTATAAAAA				
Female-Specific	26	1076166	Forward	63	31	66.24	35.48	ATAAATACACACACGCTTAGCATTGCAGTTA	438	65	No	N/A
Female-Specific	26	1076166	Reverse	500	27	62.12	40.74	AATTCTGCCTTGGTTAGTAGTTCCTCT				
Female-Specific	27	1077146	Forward	18	24	67.30	58.33	GGAGAACTCTAACGCCCACACAGG	474	67	No	N/A
Female-Specific	27	1077146	Reverse	491	25	63.91	44.00	AGTGTTTCACACCTCCCTTTTGAAG				
Female-Specific	28	1080512	Forward	98	28	63.35	39.29	AATCCTAAGGAGGATTCAACTAAGCAAG	372	65	No	N/A
Female-Specific	28	1080512	Reverse	469	32	61.57	28.12	TATATGCTGTTATTATGTTTTGGAACTCAGTA				
Female-Specific	29	1080569	Forward	9	26	64.05	46.15	GACACCTGGAGCTTTCCTTATATGCT	413	64	No	N/A
Female-Specific	29	1080569	Reverse	421	32	61.31	28.12	CTTGTTAATGACTTACAATGTACTTTTGTGTT				
Female-Specific	30	1086769	Forward	1	26	65.06	46.15	CATGCTAGGAGTTACGGGATTTCAAG	448	64	No	N/A

Female-Specific	30	1086769	Reverse	448	26	61.43	46.15	AGAGCTACGAGTGGTATATGCTCAAG				
Female-Specific	31	1092737	Forward	112	32	65.01	37.50	CTAGCTTCAAAAGTGAGTCATAGCCATAAGAT	378	67	No	N/A
Female-Specific	31	1092737	Reverse	489	29	64.44	37.93	ATTCTTGGCCTTTCTATGTAACTGGTTCT				
Female-Specific	32	1098439	Forward	70	26	60.23	38.46	ACTTTATGGTTGCTTTCTCTGTCTCT	396	63	Yes	No
Female-Specific	32	1098439	Reverse	465	32	61.50	34.38	AAGAACAATGTCAGGAGATAAACAGTAGTAGT				
Female-Specific	33	1098757	Forward	121	26	63.53	50.00	GCAGTACTTGGGAGACCTGTCTATTG	380	67	No	N/A
Female-Specific	33	1098757	Reverse	500	26	66.98	50.00	AATTCGTGGTGCTGTCCTCTACCCTA				
Female-Specific	34	1102805	Forward	82	31	62.84	25.81	AATGCACACATCTTTTTCACATACATTATTA	419	65	Yes	Yes
Female-Specific	34	1102805	Reverse	500	31	62.09	25.81	AATTCAGTAAATTTTAAACAAACAGGATCAC				
Female-Specific	35	1103907	Forward	118	26	59.62	34.62	GATAACGAGAAAGCCTTTGATTCTAT	382	63	No	N/A
Female-Specific	35	1103907	Reverse	499	32	61.83	31.25	ATTCAGTGATTGTATTAAGTATATCTGGGAGA				
Female-Specific	36	1106277	Forward	111	28	59.95	35.71	GTTTCTCTTTACTTTTGTACTGGGACTT	367	63	No	N/A
Female-Specific	36	1106277	Reverse	477	26	67.16	50.00	GAGAGAATCATGGAGGTGGATTGGTC				
Female-Specific	37	1106395	Forward	28	26	60.49	42.31	GAACTAACTCAAGGAATGACCCATAC	429	63	No	N/A
Female-Specific	37	1106395	Reverse	456	27	62.64	37.04	AAGTGTAAGTCGTGCTGCAAAGTTAAT				
Female-Specific	38	1110384	Forward	93	32	60.55	34.38	GAAACTACATATATTCAGTGAGCTTCAGTAAC	395	64	Yes	No
Female-Specific	38	1110384	Reverse	487	31	61.35	35.48	CACATACATACACACTCATCCTTTTATAGTG				
Female-Specific	39	1120030	Forward	41	26	66.32	46.15	ATCTGCTCCATGTACAGTGCTCGAAT	424	66	Yes	No
Female-Specific	39	1120030	Reverse	464	29	63.12	34.48	TTTTTCTCAGACATGGTGATTCTCTTAAC				
Female-Specific	40	1120855	Forward	60	32	68.00	50.00	CTAGACTAGCCTCTTCCCTGTCCTCTTTCTCT	422	64	No	N/A
Female-Specific	40	1120855	Reverse	481	28	61.41	42.86	ACTCACCTGATTTAAGTAGCTACACACC				
Female-Specific	41	1123226	Forward	54	28	60.91	32.14	CAGAGATGTCAGAAAAGAAAAGAGAAAT	361	64	No	N/A
Female-Specific	41	1123226	Reverse	414	32	62.00	31.25	CTCATAACAGAAATTGTATAAATGGAGAAGAG				
Female-Specific	42	1123747	Forward	100	26	64.42	46.15	GGACGTTAGAAAGATGGACAAGGAAG	284	67	No	N/A
Female-Specific	42	1123747	Reverse	383	32	64.32	40.62	AGTTAAGGATCTCCTTCCAGCTAAGAGTCTAT				
Female-Specific	43	1130179	Forward	19	24	68.78	58.33	CCAGCAGTATTCCCCAGCGTCTCT	425	65	Yes	No
Female-Specific	43	1130179	Reverse	443	27	61.73	37.04	CTGACTGGTTTTGGAAGAATTTAGAAC				
Positive Control	18S	18S_comp35_c1_seq1	Forward	514	30	60.57	30.00	GTAATTGGAATGAGTACACTTTAAATCCTT	756	64	N/A	N/A
Positive Control	18S	18S_comp35_c1_seq1	Reverse	1269	30	64.37	36.67	GAGAAAGAGCTATCAATCTGTCAATCCTTT				