

Supplementary Table S2. Primer sequences for 20 loci used for gray foxes (*Urocyon cinereoargenteus*) and island foxes (*U. littoralis*), along with reaction concentrations (same for forward, F, and reverse, R, primers), fluorescent dyes, multiplex sets, species for which primers were originally designed, and references.

Set	Locus	Conc. (μ M)	Dir.	Dye	Primer sequence	Species	Ref.
1	CXX-402	0.42	F	PET	GGGTAATTCATCCAGTGCCTT	<i>V. vulpes</i>	a
			R		TATGCAAACATGCAAACATGC	<i>V. vulpes</i>	a
1	AHT-142	0.50	F	PET	AAGCAGATCCTAGAGCAGCA	<i>V. vulpes</i>	a
			R		CCCCACAGTTTAGAAATATCTGC	<i>V. vulpes</i>	a
1	REN105L03	0.42	F	VIC	GGTGCCTGACAAGATGGAAT	<i>V. vulpes</i>	b
			R		GAGATTGCTGCCCTTTTACT	<i>V. vulpes</i>	b
1	CPH18	0.42	F	6FAM	CAGAGATACGTCTTGACACTAGCAGA	Dog	c
			R		GGCCATTCTGAAACACTTG	<i>V. vulpes</i>	b
1	CPH8	0.84	F	NED	TGCTCAATTGATTAGTCCGTCT	<i>V. vulpes</i>	b
			R		TAGATTTGATACCTCCCTGAGTCC	Dog	c
1	REN54P11	0.42	F	PET	TCCCTCTGGCTCAGTTAGAA	<i>V. vulpes</i>	b
			R		ATCAGCATCACCTGGGAACA	<i>V. vulpes</i>	b
1	FH2001	1.00	F	6FAM	TCCTCCTCTTCTTTCCATTGG	Dog	d
			R		TGCATTCTTCTTG CATGCTT	<i>V. vulpes</i>	b
2	CPH2	0.67	F	NED	TTCTGTTGTTATTGGCACCA	<i>V. vulpes</i>	b
			R		TTCTTGAGAACAGTGCCTTCG	Dog	c
2	FH2088	0.17	F	VIC	CCCTCTGCCTACATCTCTGC	Dog	d
			R		TAGGGCATGCATATAACCAGC	Dog	d
2	REN162C04	0.50	F	VIC	AAAATCAGCATTATTCTTTCCACA	<i>V. vulpes</i>	b
			R		TGGCTGTATTCTTTGGCACA	Dog	e
2	AHT-171	0.59	F	PET	AGGTGCAGAGCACTCACTCA	Dog	f
			R		CCTCAAACCCAGGTGAAGC	<i>V. vulpes</i>	b
2	INU055	0.50	F	NED	CCAGGTGTCCCTATCCATCT	<i>V. vulpes</i>	b
			R		GCACCACTTTGGGCTCCTTC	Dog	g
2	FH2010	0.25	F	6FAM	AAATGGAACAGTTGAGCATGC	Dog	d
			R		CCCCTTACAGCTTCATTTTCC	Dog	d
2	FH2004	0.17	F	VIC	CTAAGTGGGGAGCCTCCTCT	Dog	d
			R		ACTGTGACCTACTGAGGTTGCA	Dog	d
3	CXX0279	0.50	F	PET	TGCTCAATGAAATAAGCCAGA	<i>V. vulpes</i>	b
			R		GAATTTGATTACTCTGGAAAACCTCC	<i>V. vulpes</i>	b
3	INU030	0.42	F	6FAM	GGCTCTGTGCTCAAGTCTGT	<i>V. vulpes</i>	b
			R		CATTGAAAGGGAATGCTGGT	Dog	g
3	AHT-137	0.50	F	VIC	TACAGAGCTCTTAAGTGGGTCC	Dog	h
			R		CCTTGCAAAGTGTCAATTGCT	Dog	h
3	FH2054	0.25	F	NED	GCCTTACTCATTGCAGTTAGGG	<i>V. vulpes</i>	b
			R		ATGCTGAGTTTTGAACTTTCCC	Dog	d

3	C01.424	0.25	F	PET	AGCTTAGCTTACTGCCCTGG	Dog	i
			R		TCCTTTGGTTTTTAGCAGGG	Dog	i
3	C08.618	0.42	F	6FAM	CAACCCAGGGTGGAAGC	Dog	i
			R		GCCCAGAATCCATTGAGAAA	<i>V. vulpes</i>	b

References

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