

Table S1. List of samples used in the present study

Museum accession number	Sex	Collection location	Collection date	Sample type	Assigned haplotype
0004	M	Umgababa	1979-11-28	Tooth	SA1
0025	?	Algoa Bay	1963-01-18	Tooth	SA1/SA2
0092	?	Gamtoos River Mouth	1970-04-19	Tooth	SA1
0115	M	Cape Recife	1970-10-14	Tooth	SA3
0116	M	Port Elizabeth (Cape Recife)	1970-10-17	Tooth	SA1
0181	M	Mtwalume	1972-07-20	Tooth	SA1
0183	M	Cape St. Francis	1972-07-31	Tooth	SA1
0316	?	Cape St. Francis	1977-07-15	Tooth	SA1
0486	M	Richards Bay	1980-10-09	Tooth	SA1
0487	F	Richards Bay	1980-10-09	Tooth	SA1
0488	F	Richards Bay	1980-09-02	Tooth	SA1
0533	M	Richards Bay	1980-02-15	Tooth	SA1/SA2
0534	?	Richards Bay	1980-02-15	Tooth	SA1
0536	M	Richards Bay	? unknown	Tooth	SA1
0542	F	Richards Bay	1980-07-29	Tooth	SA1
0674	?	Seal Point	1980-07-01	Tooth	SA1/SA2
0728	?	? probably Richards Bay	1980-07-01	Tooth	SA1
0739	M	Richards Bay	1981-06-23	Tooth	SA1/SA2
0742	M	Richards Bay	1981-07-07	Tooth	SA1
0801	M	Richards Bay	1981-08-13	Tooth	SA1
0802	F	Warner Beach	1981-09-25	Tooth	SA1
0803	M	Richards Bay	1981-10-19	Tooth	SA1
0804	M	Richards Bay	1982-01-14	Tooth	SA1
0805	F	Richards Bay	1981-07-22	Tooth	SA1
0825	M	Amanzimtoti	1982-01-25	Tooth	SA3
0850	M	Richards Bay	1982-04-28	Tooth	SA1
0868	M	Mzamba Beach	1982-08-25	Tooth	SA1
0971	F	Ramsgate	1983-08-08	Tooth	SA1
1002	M	Richards Bay	1983-10-28	Tooth	SA1
1021	M	Algoa Bay	1963-01-18	Tooth	SA3
1033	?	Probably KZN	? unknown	Tooth	SA1
1036	M	Trafalgar	1984-01-10	Tooth	SA1
1038	M	Blythedale	1984-03-29	Tooth	SA2
1041	M	Natal Coast	1984-05-05	Tooth	SA1
1045	F	Ramsgate	1983-12-22	Tooth	SA1
1049	?	Zinkwazi River Mouth	1984-08-03	Tooth	SA1
1086	F	Ballito Bay	1984-10-02	Tooth	SA1

1121	M	Mtwalume	1984-12-10	Tooth	SA3
1122	M	Richards Bay	1984-11-05	Tooth	SA1
1123	M	Winkelspruit	1984-11-21	Tooth	SA1
1139	?	? unknown	? unknown	Tooth	SA3
1147	M	Mzamba	1985-05-05	Tooth	SA3
1179	M	Richards Bay	1985-07-25	Tooth	SA1
1219	M	? unknown	1985-09-28	Tooth	SA1/SA2
1242	M	Richards Bay	1985-06-13	Tooth	SA1
1252	F	Jeffrey's Bay	? unknown	Tooth	SA3
1266	F	Richards Bay	1986-01-27	Tooth	SA1
1267	M	San Lameer	1985-12-10	Tooth	SA1
1271	M	Richards Bay	1986-01-11	Tooth	SA1
1314	F	Zinkwazi	1986-09-05	Tooth	SA1
1315	F	Zinkwazi	1986-09-05	Tooth	SA1
1329	M	Richards Bay	1987-04-02	Tooth	SA1
1364	M	Richards Bay	1987-06-16	Tooth	SA1/SA2
1473	M	Richards Bay	1987-11-17	Tooth	SA1
1474	F	Blythedale Beach	1988-01-04	Tooth	SA1
1498	M	Richards Bay	1988-05-28	Tooth	SA2
1499	F	Umhlanga Rocks	1988-05-28	Tooth	SA1
1521	F	Port Edward	1988-07-07	Tooth	SA1
1576	F	Tinley Manor	1989-01-17	Tooth	SA1/SA2
1577	F	Umdloti	1988-10-18	Tooth	SA2
1578	M	Richards Bay	1988-12-01	Tooth	SA1
1579	M	Salt Rock	1989-01-03	Tooth	SA2
1582	M	Richards Bay	1989-02-21	Tooth	SA1
1583	M	Richards Bay	1989-02-24	Tooth	SA1
1593	M	Salt Rock	1989-05-11	Tooth	SA1
1600	M	Richards Bay	1989-05-29	Tooth	SA1
1609	?	Ansteys Beach	1988-12-29	Tooth	SA3
1610	M	Zinkwazi	1989-07-24	Tooth	SA2
1630	F	Richards Bay	1989-08-18	Tooth	SA1
1631	M	Richards Bay	1989-08-18	Tooth	SA1
1671	M	Richards Bay	1989-09-13	Tooth	SA1
1684	F	St Michaels On Sea	1990-03-22	Tooth	SA1
1777	M	Zinkwazi	1990-07-18	Tooth	SA2
1791	M	Richards Bay	1990-06-04	Tooth	SA1
1792	F	Salt Rock	1990-08-22	Tooth	SA1
1825	M	Richards Bay	1990-11-10	Tooth	SA1
1913	F	Richards Bay	1992-07-13	Tooth	SA1/SA2
1934	F	Richards Bay	1992-07-15	Tooth	SA1

1935	F	Richards Bay	1992-07-27	Tooth	SA1
1945	M	Richard's Bay	1992-08-13	Tooth	SA1
1951	M	Richards Bay	1992-07-01	Tooth	SA2
1954	F	Uvongo	1992-06-19	Tooth	SA1
1962	M	Richards Bay	1991-09-16	Tooth	SA1
1963	M	Richards Bay	1991-10-21	Tooth	SA1
1978	F	Zinkwazi	1992-01-27	Tooth	SA2
2058	F	Richards Bay	1993-07-04	Tooth	SA2
2088	F	Tinley Manor	1993-07-27	Tooth	SA1
2089	M	Richards Bay	1993-07-27	Tooth	SA2
2091	F	Richards Bay	1993-08-24	Tooth	SA1
2130	M	Zinkwazi	1993-10-22	Tooth	SA1
2166	F	Richards Bay	1992-10-14	Tooth	SA1
2207	F	Thompson's Bay	1994-03-02	Tooth	SA2
2607	M	Zinkwazi	1996-08-05	Tooth	SA2
2609	F	Scottburgh	1996-02-22	Tooth	SA3
2611	M	Richards Bay	1996-02-07	Tooth	SA1/SA2
2714	M	Richard's Bay	1997-06-26	Tooth	SA1
2716	M	Richards Bay	1997-10-31	Tooth (gum tissue)	SA2
2766	M	Richards Bay	1999-01-05	Tooth	SA2
2788	F	Mossel Bay	1999-04-17	Tooth	SA1
2832	M	Zinkwazi	1999-07-14	Tooth	SA1
2837	F	Port Elizabeth (King's Beach)	2000-08-02	Tooth	SA1
2844	M	Richards Bay	1999-06-18	Tooth (gum tissue)	SA1
2845	F	Richards Bay	1999-09-03	Tooth (gum tissue)	SA1
2847	M	Richards Bay	1999-04-20	Tooth (gum tissue)	SA1
2849	M	Richards Bay	1999-03-08	Tooth (gum tissue)	SA1
2870	M	Richards Bay	1999-07-21	Tooth (gum tissue)	SA2
2974	M	Richards Bay	2002-08-01	Tooth (gum tissue)	SA1
2991	M	Richards Bay	2002-06-25	Tooth	SA1
2992	F	Zinkwazi	2002-07-15	Tooth	SA2
3050	F	Richards Bay	2003-03-24	Tooth (gum tissue)	SA2
3092	F	Richards Bay	2003-11-11	Tooth (gum tissue)	SA1

3169	M	Richards Bay	2004-09-07	Tooth (gum tissue)	SA1
3175	M	Richards Bay	2004-09-30	Tooth (gum tissue)	SA2
3176	F	Richards Bay	2004-11-11	Tooth (gum tissue)	SA1
3178	M	Durban	2004-10-15	Tooth (gum tissue)	SA1/SA2
3274	M	Richards Bay	2006-06-06	Tooth (gum tissue)	SA1/SA2
3275	F	Zinkwazi	2006-08-23	Tooth	SA1
3306	M	Richards Bay	2007-05-24	Tissue	SA2
3310	M	Richards Bay	2007-05-22	Tissue	SA2
3311	M	Richards Bay	2007-05-22	Tissue	SA1
3312	M	Richards Bay	2007-05-22	Tissue	SA2
3314	M	Richards Bay	2007-05-22	Tissue	SA1
3322	M	Zinkwazi	2007-10-24	Tissue	SA2
3323	M	Richards Bay	2007-10-24	Tissue	SA1
3324	M	Richards Bay	2007-10-24	Tissue	SA1
3325	F	Richards Bay	2007-10-24	Tissue	SA1
3343	F	Richards Bay	2008-07-21	Tooth (gum tissue)	SA1
3348	F	Richards Bay	2008-07-22	Tissue	SA1
3360	F	Richards Bay	2008-07-22	Tissue	SA1
3408	F	Margate	2009-02-24	Tissue	SA3
N3412	M	Richards Bay	2009-02-25	Tissue	SA1
N3426	M	Margate	2009-02-26	Tissue	SA3
N3584	M	Richards Bay	2010-04-29	Tissue	SA2
N4341	M	Richards Bay	2010-09-17	Tissue	SA2
N4351	F	Richards Bay	2010-09-17	Tissue	SA1
N4530	F	Zinkwazi	2010-10-11	Tissue	SA2
N4542	M	Zinkwazi	2007-04-07	Tissue	SA2
N4644	M	Richards Bay	2012-02-02	Tissue	SA1
N4678	F	Richards Bay	2012-06-21	Tissue	SA1
N4679	F	Richards Bay	2012-08-13	Tissue	SA2
N4693	M	Richards Bay	2013-02-01	Tissue	SA1
N4731	F	Richards Bay	2013-04-18	Tissue	SA1
N4793	F	Richards Bay	2013-10-08	Tissue	SA1
N4796	F	Zinkwazi	2013-12-05	Tissue	SA2
N4814	M	Richards Bay	2014-09-12	Tissue	SA1
N4946	M	Richards Bay	2014-10-27	Tissue	SA1
N4955	M	Zinkwazi	2015-01-13	Tissue	SA2

N5094	F	Zinkwazi	2015-10-15	Tissue	SA2
N5096	M	Richards Bay	2016-01-22	Tissue	SA2
N5107	F	Richards Bay	2016-05-17	Tissue	SA1
N5395	M	Richards Bay	2017-06-06	Tissue	SA1
N5402	M	Richards Bay	2017-06-06	Tissue	SA1
N5403	M	Richards Bay	2017-03-30	Tissue	SA1
N5413	M	Richards Bay	2017-08-14	Tissue	SA2
ZM-040944	F	Kafferkuils River mouth, Stilbaai	1990-11-24	Tooth	SA1
ZM-001212	?	False Bay	1996-11-18	Tooth	SA1
ZM-041592	?	Bunieda beach	2005-07-06	Tooth	SA1

Table S2. Sliding window analysis on KwaZulu-Natal samples. Windows represent two non-overlapping periods for which F -statistics were calculated. The ‘window’ slides along the total time period by two years as you go down the table

Window	Time period	n	H_D +/- SD	F_{ST}	p-value
1	1979 – 1983	25	0.23 +/- 0.11	0.029	0.20
	1984 – 1988	30	0.48 +/- 0.093		
2	1981 – 1985	30	0.40 +/- 0.10	-0.0026	0.38
	1986 – 1989	26	0.43 +/- 0.095		
3	1983 – 1988	36	0.45 +/- 0.087	-0.0044	0.44
	1989 – 1993	30	0.41 +/- 0.078		
4	1985 – 1989	33	0.48 +/- 0.086	-0.0032	0.35
	1990 – 1999	35	0.50 +/- 0.057		
5	1987 – 1991	29	0.43 +/- 0.087	0.013	0.24
	1992 – 1999	28	0.540 +/- 0.052		
6	1989 – 1993	32	0.42 +/- 0.072	0.012	0.27
	1994 – 2006	27	0.54 +/- 0.050		
7	1991 – 1999	30	0.52 +/- 0.056	-0.035	1.00
	2000 – 2008	25	0.48 +/- 0.060		
8	1993 – 2004	29	0.54 +/- 0.046	-0.037	0.91
	2005 – 2010	23	0.59 +/- 0.059		
9	1996 – 2006	26	0.54 +/- 0.057	-0.037	1.00
	2007 – 2013	27	0.57 +/- 0.058		