

2002 - LISS, I.

A (K, 1982) DNA
 40,000 TH DNA
 N E N A I DNA
 P (1986) F DNA DNA
 E E (M
 P 1999)
 (M, 1998) N
 M N
 N E (1998) 15% E (R
 I N E N A N N E 1996; T 1998) E
 (A C S P DNA I
 1973) P E
 DNA (DNA) G : DGES; G : PB93-0558; G
 T E G : COF1999/019.
 G : A M G B G
 F B L L 382/1 T
 S E @
 (C, 1997) R 275 2000; 17 J. 2002.
 (S, 2000) A
 G E M A
 DOI 10.1002/ .10168
 P I S ()

(C. R., 1996). S. N. E. I. DNA. E. S. P. C. N. E. (T., 1998). F. DNA. N. A. (C. R., 1996; R., 1998; R., 1999).

A. N. E. A. P. F. P. A. E. I. DNA. P. E. A.

MATERIALS AND METHODS

Samples

I. 299. P. 43. G. (N. S.) B. A. E. N. IP. (NP), 84. C. P. (CP), 78; S. P. (SP), 137. 84. 59. (P). (2000). P. 54. P. (C. R., 1996). G. C. I. G. T. 92. S. (1998). (GA). P. (IP). A. IP. A. (NA) DNA. 255. 85 B. A. 4()

Population comparisons

~~Figure 1~~ AMO A ~~Figure 1~~ (E... .., 1992),



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~~h~~ ~~T. T₁, T₄~~ ~~h~~
~~h~~ ~~h~~ ~~T₅~~ ~~h~~ ~~h~~
~~h~~ ~~h~~ ~~h~~ ~~h~~ ~~h~~ ~~h~~

Population affinities

~~h~~ ~~AMO A~~ ~~h~~ ~~h~~ ~~h~~ ~~h~~

MITOCHONDRIAL DNA IN ATLANTIC E ROPE

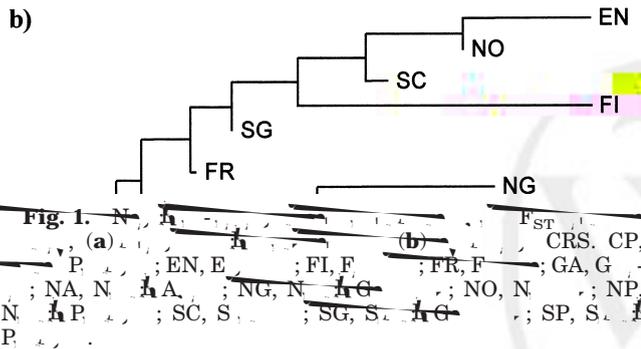
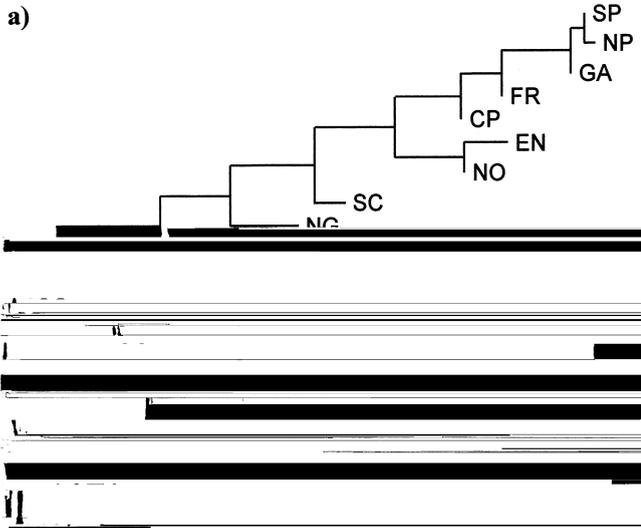


Fig. 1. (a) (b) F_{ST} CRS, CP, P, EN, E, FI, F, FR, F, GA, G, NA, N, A, NG, N, G, NO, N, NP, N, P, SC, S, SG, S, SP, S.

	FI	NO	SC	EN	NG	SG	FR	GA	NP	CP	SP	NA
FI	0.0024	0.0042	0.0018	0.0056	0.0029	0.0007	0.0025	0.0064*	0.0071*	0.0043	0.0061*	0.0061*
NO	0.0023	0.0007*	0.0008	0.0000	0.0024	0.0012	0.0010	0.0011	0.0018	0.0002	0.0010	0.0088***
SC	0.0057*	0.0030**	0.0018**	0.0012*	0.0018*	0.0003	0.0010	0.0020*	0.0031**	0.0008	0.0021*	0.0063***
EN	0.0049*	0.0007	0.0032***	0.0029*	0.0019	0.0016	0.0016	0.0013	0.0028*	0.0005	0.0024	0.0083***
NG	0.0016	0.0010	0.0008*	0.0022**	0.0019	0.0003	0.0022	0.0024	0.0046*	0.0002	0.0029	0.0056**
SG	0.0020	0.0022**	0.0017**	0.0033**	0.0014	0.0000	0.0000	0.0019	0.0019	0.0003	0.0011	0.0044***
FR	0.0040*	0.0022**	0.0017**	0.0030**	0.0023	0.0014*	0.0015*	0.0005	0.0007	0.0000	0.0005	0.0054***
GA	0.0042*	0.0029***	0.0020*	0.0048***	0.0051***	0.0009	0.0014*	0.0016*	0.0000	0.0000	0.0000	0.0083***
NP	0.0040*	0.0015*	0.0012*	0.0020*	0.0003	0.0003	0.0009	0.0000	0.0000	0.0000	0.0000	0.0086***
CP	0.0032	0.0015*	0.0012*	0.0020*	0.0003	0.0003	0.0009	0.0000	0.0012	0.0006	0.0000	0.0067**
SP	0.0040*	0.0026*	0.0021**	0.0044**	0.0032**	0.0003	0.0014*	0.0017*	0.0012*	0.0006	0.0000	0.0080***
NA	0.0094***	0.0077***	0.0071***	0.0084***	0.0073***	0.0053***	0.0048***	0.0057***	0.0054***	0.0055***	0.0055***	0.0080***

Within-haplogroup population affinities

Sequence matches distribution within haplogroups.

Haplogroup	Matches	Percentage
CRS	14	87.3%
H*	1	3.0%
J	1	3.0%
K	1	3.0%
T	1	3.0%
T1	5	10.0%
T3	1	2.5%
AMO	1	2.5%
A	1	2.5%
O	2	2.7%
P	1	1.6%

* 0.05.
 ** 0.01.
 *** 0.001.



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~~A, C, S, P, B, A, S.A.~~
~~197:315.~~
~~D, O, R, A, G. 1994. L~~
~~S, I: A, G, F, N, H, A,~~
~~R, T, M, D, O, O, P, J, G~~

LITERATURE CITED

~~A, AJ, C, S, LL. 1973. A~~
~~E, I, R, C,~~
~~D, 348, 358.~~
~~A, S, B, AT, B, BG, B, MHL, C,~~
~~AR, D, J, E, IC, N, DP, R, BA, S, F,~~
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~~B, I. 1998. E P, M, I: B~~
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~~B, J, S, J, C, F, P, M, P, C, D.~~
~~1995. H, DNA,~~
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~~A, GF, R, 2001. M DNA, RFLP~~
~~S, I, J, L, M, 114:229, 231.~~
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~~P, P,~~
~~C, S, T, A, E, L, S, B, AS,~~
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~~A, J, H, G, 57:133, 149.~~
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~~C, T, A, P, S, B, J, S, BC. 1996.~~
~~G, I, P,~~
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~~R, MA. 1998. E C, E, B, I:~~
~~B, I, M, B, R, MA, M, JL,~~





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