

Table S3: Complete list of populations used in the present study for comparative analysis

POPULATION	Code	Country	a-STRs	N	References
ALLELIC FREQUENCY ANALYSIS					
Granada_Málaga_Almería	GMA	Spain	15	245	Present study
Berbers from Asni	BAsMOR	Morocco	15	105	Coudray <i>et al.</i> , 2007 (Coudray, Guitard, et al. 2007)
Berbers from Bouhria	BBoMOR	Morocco	15	104	Coudray <i>et al.</i> , 2007 (Coudray, Guitard, et al. 2007)
Arabs from Morocco	ArbMOR	Morocco	15	138	Abdin <i>et al.</i> , 2003 (Abdin et al. 2003)
Upper Egypt	UppEGY	Egypt	15	265	Omran <i>et al.</i> , 2009 (Omran, Rutty, and Jobling 2009)
Tunisia	TunTUN	Tunisia	15	200	Brandt-Casadevall <i>et al.</i> , 2002 (Brandt-Casadevall et al. 2002)
Berbers from Kesra	BKeTUN	Tunisia	15	44	Cherni <i>et al.</i> , 2005 (Cherni et al. 2005)
Turkey	TurTUR	Turkey	13	198	Akbasak <i>et al.</i> , 2001 (Akbasak et al. 2001)
Syria	SyrSYR	Syria	15	121	Abdin <i>et al.</i> , 2003 (Abdin et al. 2003)
Basque Country	BasSPA	Spain	13	100	Pérez-Lezaun <i>et al.</i> , 2000 (Pérez-Lezaun et al. 2000)
Catalonia	CatSPA	Spain	13	96	Pérez-Lezaun <i>et al.</i> , 2000 (Pérez-Lezaun et al. 2000)
Andalusia	AndSPA	Spain	13	72	Pérez-Lezaun <i>et al.</i> , 2000 (Pérez-Lezaun et al. 2000)
Northeast of Spain	NEsSPA	Spain	16	204	Paredes <i>et al.</i> , 2003 (Paredes et al. 2003)
STRUCTURE ANALYSIS					
Morocco	Mor	Morocco	15	210	Bouabdellah <i>et al.</i> , 2008 (Bouabdellah et al. 2008)
Libya	Lib	Lybia	15	230	Elmrghni <i>et al.</i> , 2012 (Elmrghni et al. 2012)

Somalia	Som	Somalia	15	404	Tillmar <i>et al.</i> , 2009 (Tillmar, Bäckström, and Montelius 2009)
South Africa	SrAf	South Africa	15	324	Schlebusch <i>et al.</i> , 2012 (Schlebusch, Soodyall, and Jakobsson 2012)
Spain	Spa	Spain	15	202	Martínez-González <i>et al</i> Unpublished data
Huelva	Hue	Spain	15	114	Coudray <i>et al.</i> , 2007 (Coudray, Calderon, et al. 2007)
Italy	Ita	Italy	13	400	Brisighelli <i>et al.</i> , 2009 (Brisighelli et al. 2009)
Sweden	Swe	Sweden	15	200	Tillmar <i>et al.</i> Unpublished data

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