

S3 Table. Methods and DNA target used by the participant laboratories in this study.

Country	DNA extraction	Target fragment	DNA sequencing	Sequence analysis
SPAIN	Wizard DNA Clean-up System Kit (Promega, WI USA)	<ul style="list-style-type: none"> ➤ Cyt b-464bp (Burgener 1997) ➤ Cyt b-176bp (Meyer 1993) ➤ Cyt b-187bp (Mackie et al. 1999) 	<ul style="list-style-type: none"> ➤ Illustra Exostar 1-step (GE Healthcare, Buckinghamshire, UK) ➤ Big dye Terminator 1.1 (Applied Biosystems, MA USA) ➤ ABI Prism 310 (Applied Biosystems) 	<ul style="list-style-type: none"> ➤ Chromas (Technelysium Pty Ltd.) ➤ Bioedit (Hall 1999) ➤ MEGA (Neighbor joining with IIM-CSIC reference sequences) (Kumar et al 2008) ➤ BLAST (NCBI database)
UK-ROI	Chelex (Estoup et al. 1996)	<ul style="list-style-type: none"> ➤ COI-650bp (Ward et al. 2005) ➤ Cyt b-187bp (Mackie et al. 1999) 	<ul style="list-style-type: none"> ➤ Conducted by Beckman Coulter (Essex, UK) 	<ul style="list-style-type: none"> ➤ Bioedit (Hall 1999) ➤ BOLD database (Ratnasingham and Hebert 2007) ➤ BLAST (NCBI database)
PORTUGAL	DNeasy Blood and Tissue Kit (Qiagen, Hilden, Germany)	<ul style="list-style-type: none"> ➤ Cyt b-464bp (Burgener 1997) ➤ Cyt b-176bp (Meyer 1993) ➤ Cyt b-187bp (Mackie et al. 1999) ➤ COI-650bp 	<ul style="list-style-type: none"> ➤ Nzytec purification Kit (Nzytec, Lisbon, Portugal) ➤ Sequencing reactions conducted by Biopremier (Lisbon, Portugal) 	<ul style="list-style-type: none"> ➤ Bioedit (Hall 1999) ➤ BOLD database (Ratnasingham and Hebert 2007) ➤ BLAST (NCBI database)
FRANCE	Charge Switch Forensic DNA purification Kit (Invitrogen, MA USA)	<ul style="list-style-type: none"> ➤ CR-450bp (Viñas and Tudela 2009) ➤ CR-450bp (Viñas and Tudela 2009) ➤ CR-150bp (Mariani et al. 2015) 	<ul style="list-style-type: none"> ➤ Conducted by Genoscreen (Lille, France) 	<ul style="list-style-type: none"> ➤ Bioedit (Hall 1999) ➤ MEGA (Neighbor joining with Ifremer reference sequences) (Kumar et al 2008) ➤ BLAST (NCBI database)
GERMANY	CTAB (Rehbein et al., 2005)	<ul style="list-style-type: none"> ➤ Cyt b-464bp (Burgener 1997) ➤ Cyt b-176bp (Meyer 1993) ➤ Cyt b-187bp (Mackie et al. 1999) 	<ul style="list-style-type: none"> ➤ Conducted by LGC Genomics (Berlin, Germany) 	<ul style="list-style-type: none"> ➤ Chromas (Technelysium Pty Ltd.) ➤ GeneDoc (Nicholas, Nicholas & Deerfield 1997) ➤ MEGA (Neighbor joining with IIM-CSIC reference sequences) (Kumar et al 2008) ➤ BLAST (NCBI database)