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

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| --- | --- | --- | --- | --- |
| **Country** | **DNA extraction** | **Target fragment** | **DNA sequencing** | **Sequence analysis** |
| SPAIN | Wizard DNA Clean-up System Kit (Promega, WI USA) | * Cyt b-464bp (Burgener 1997) * Cyt b-176bp (Meyer 1993) * Cyt b-187bp (Mackie et al. 1999) | * Illustra Exostar 1-step (GE Healthcare, Buckinghamshire, UK) * Big dye Terminator 1.1 (Applied Biosystems, MA USA) * ABI Prism 310 (Aplied Biosystems) | * 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) | * COI-650bp (Ward et al. 2005) * Cyt b-187bp (Mackie et al. 1999) | * Conducted by Beckman Coulter (Essex, UK) | * Bioedit (Hall 1999) * BOLD database (Ratnasingham and Hebert 2007) * BLAST (NCBI database) |
| PORTUGAL | DNeasy Blood and Tissue Kit (Qiagen, Hilden, Germany) | * Cyt b-464bp (Burgener 1997) * Cyt b-176bp (Meyer 1993) * Cyt b-187bp (Mackie et al. 1999) * COI-650bp | * Nzytec purification Kit (Nzytec, Lisbon, Portugal) * Sequencing reactions conducted by Biopremier (Lisbon, Portugal) | * Bioedit (Hall 1999) * BOLD database (Ratnasingham and Hebert 2007) * BLAST (NCBI database) |
| FRANCE | Charge Switch Forensic DNA purification Kit (Invitrogen, MA USA) | * CR-450bp (Viñas and Tudela 2009) * CR-450bp (Viñas and Tudela 2009) * CR-150bp (Mariani et al. 2015) | * Conducted by Genoscreen (Lille, France) | * Bioedit (Hall 1999) * MEGA (Neighbor joining with Ifremer reference sequences) (Kumar et al 2008) * BLAST (NCBI database) |
| GERMANY | CTAB (Rehbein et al., 2005) | * Cyt b-464bp (Burgener 1997) * Cyt b-176bp(Meyer 1993) * Cyt b-187bp (Mackie et al. 1999) | * Conducted by LGC Genomics (Berlin, Germany) | * Chromas (Technelysium Pty Ltd.) * GeneDoc (Nicholas, Nicholas & Deerfield 1997) * MEGA (Neighbor joining with IIM-CSIC reference sequences) (Kumar et al 2008) * BLAST (NCBI database) |