**Appendix S3.** MtDNA haplotypes presented in Fig. 4.

|  |  |  |
| --- | --- | --- |
| **Haplotype** | **Country or region** | **Reference** |
| H1 | N. European (Poland, Latvia, Estonia, Belarus, Ukraine) | Randi *et al.* (2000); Bjornerfeldt *et al.* (2006); Pilot *et al.* (2010); Thalmann *et al*. (2013) |
| H2 | Sweden, Finland, Russia, Estonia, Latvia | Randi *et al.* (2000); Bjornerfeldt *et al.* (2006); Pilot *et al*. (2010) |
| H3 | Spain | Randi *et al.* (2000); Bjornerfeldt *et al.* (2006); D. Parra, J. Canon & S. Dunner(unpublished data) |
| H4 | Spain, Russia | Pilot *et al*. (2010); Thalmann *et al.* (2013); Pilot *et al.* (2014*a*); D. Parra, J. Canon & S. Dunner(unpublished data) |
| H5 | Spain | D. Parra, J. Canon & S. Dunner(unpublished data) |
| H6 | Spain | Randi *et al.* (2000); D. Parra, J. Canon & S. Dunner(unpublished data) |
| H7 | Russia, Ukraine | Vilà *et al*. (1997); Pilot *et al*. (2010); Thalmann *et al.* (2013) |
| H8 | Spain, Portugal | Vilà *et al.* (1997); Pilot *et al.* (2010) |
| H9 | Italy/France | Vilà *et al.* (1997); Randi *et al.* (2000); Pilot *et al*. (2010); Thalmann *et al.* (2013) |
| H10 | Greece, Romania, Poland | Vilà *et al*. (1997); Randi *et al.* (2000); Pilot *et al.* (2010) |
| H11 | Yugoslavia, Bulgaria | Tsuda *et al.* (1997); Randi *et al.*(2000); Pilot *et al.* (2010) |
| H12 | Yugoslavia, Bulgaria | Tsuda *et al.* (1997); Randi *et al.* (2000); Pilot *et al.* (2010) |
| H13 | Yugoslavia, Bulgaria | Tsuda *et al.* (1997); Pilot *et al.* (2010) |
| H14 | Yugoslavia | Tsuda *et al.* (1997) |
| H15 | Yugoslavia | Tsuda *et al.* (1997) |
| H16 | Yugoslavia, Belarus, Ukraine, Russia, Caucasus | Tsuda *et al.* (1997); Pilot *et al.* (2014*a*) |
| H17 | Estonia, Latvia, Poland, Sweden, Finland, Russia | Randi *et al.* (2000); Pilot *et al.* (2010); Hindrikson *et al*. (2012); Thalmann *et al*. (2013) |
| H18 | Estonia, Latvia | Hindrikson *et al.* (2012) |
| H19 | Poland | Pilot *et al*. (2010); Thalmann *et al.* (2013) |
| H20 | Croatia | Randi *et al.* (2000); Thalmann *et al.* (2013) |
| H21 | Caucasus, Nagorno-Karabakh | Pilot *et al.* (2014*a*) |
| H22 | Georia, Caucasus | Pilot *et al*. (2014*a*) |
| H23 | Bulgaria | Randi *et al.* (2000); Pilot *et al*. (2010) |
| H24 | Bulgaria | Randi *et al.* (2000) |
| H25 | Greece | Randi *et al.* (2000) |
| H26 | Bulgaria, Greece | Randi *et al.* (2000); Pilot *et al.* (2010) |
| H27 | Belarus, Ukraine, Slovakia, Bulgaria | Pilot *et al*. (2010) |
| H28 | Belarus, Russia | Pilot *et al*. (2010) |
| H29 | Ukraine | Pilot *et al*. (2010) |
| H30 | Bulgaria | Pilot *et al*. (2010) |
| H31 | Bulgaria, Greece | Pilot *et al*. (2010) |
| H32 | Ukraine | Pilot *et al*. (2010) |
| H33 | Poland/Bulgaria | Pilot *et al*. (2010) |
| H34 | Poland/Bulgaria | Pilot *et al*. (2010) |
| H35 | Poland, Lithuania, Latvia, Belarus, Ukraine, Russia | Pilot *et al*. (2010) |
| H36 | Turkey | Pilot *et al*. (2010) |
| H37 | Russia | Pilot *et al*. (2010) |
| H38 | Greece | Pilot *et al*. (2010) |
| H39 | Belarus, Ukraine, Russia | Pilot *et al*. (2010) |
| H40 | Belarus, Ukraine, Russia | Pilot *et al*. (2010) |
| H41 | Russia, Sweden, Finland | Pilot *et al*. (2010) |
| H42 | Latvia, Russia, Sweden | Pilot *et al*. (2010) |
| H43 | Latvia, Russia, Sweden | Pilot *et al*. (2010) |