**Table S3.** Modern and ancient populations used in the comparative analysis.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Age/culture** | **Population** | **Symbol** | **N** | **Reference** |
| Iron Age | Danish | DIA | 24 | [1] |
| Middle Age | Danish | DM | 29 | [1] |
| Neolithic (LBK\*) | Germans | NEO | 42 | [2] |
| Modern populations | Belarusians | BY | 267 | [3] |
| Bosnians | BH | 144 | [4] |
| Bulgarians | BG | 855 | [5] |
| Croatians | HR | 488 | [6] |
| Czechs | CZ | 179 | [7] |
| Estonians | EE | 113 | [8] |
| Finns | FI | 200 | [9] |
| Germans | DE | 287 | [10] |
| Latvians | LV | 112 | [8] |
| Lithuanians | LT | 149 | [8] |
| Macedonians | MK | 200 | [11] |
| Poles | PL | 413 | [12] |
| Russians (European part) | RU | 201 | [12], [13] |
| Serbs | SI | 100 | [14] |
| Slovaks | SK | 207 | [15] |
| Slovenians | SLO | 104 | [4] |
| Swedes | SE | 286 | [16] |
| Ukrainians | UA | 607 | [17] |

\*Linear Pottery culture

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