**Table S10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Fossil specimen** | **Country** | **mtDNA region** | **Diagnostic Neanderthals trasversion in HVR1 according to [**[**3**](#_ENREF_1)**]** | **Reference** |
| Teshik Tash | Uzbekistan | HVR1 | 16139 A/T  16256 C/A  Insertion 16263 A | [[1](#_ENREF_1)] |
| Okladnikov | Russia | HVR1 | 16139 A/T  16256 C/A  Insertion 16263 A | [[1](#_ENREF_1)] |
| Feldhofer 1 | Germany | Complete mtDNA | 16139 A/T  16256 C/A  Insertion 16263 A | [[2](#_ENREF_2),[3](#_ENREF_3)] |
| Feldhofer 2 | Germany | Complete mtDNA | 16139 A/T  16256 C/A  Insertion 16263 A | [[3](#_ENREF_3),[4](#_ENREF_4)] |
| Mezmaiskaya | Russia | Complete mtDNA | 16139 A/T  16256 C/A  Insertion 16263 A | [[3](#_ENREF_3),[5](#_ENREF_5)] |
| Vindija 75 | Croatia | HVR1 | 16139 A/T  16256 C/A  Insertion 16263 A | [[6](#_ENREF_6)] |
| Vindija 77 | Croatia | HVR1 | 16256 C/A | [[7](#_ENREF_7)] |
| Vindija 80 (33.16) | Croatia | Complete mtDNA | 16139 A/T  16256 C/A  Insertion 16263 A | [[7](#_ENREF_7),[8](#_ENREF_8)] |
| Vindija 33.25 |  | Complete mtDNA | 16139 A/T  16256 C/A  Insertion 16263 A | [[3](#_ENREF_3)] |
| Engis 2 | Belgium | HVR1 | 16256 C/A | [[7](#_ENREF_7)] |
| Le Chapelle-aux-Saint | France | HVR1 | 16256 C/A | [[7](#_ENREF_7)] |
| Rochers de Villenueve | France | HVR1 | 16256 C/A | [[9](#_ENREF_9)] |
| Scladina | Belgium | HVR1 | 16256 C/A | [[7](#_ENREF_7),[10](#_ENREF_10)] |
| Monte Lessini | Italy | HVR1 | 16139 A/T  16256 C/A  Insertion 16263 A | [[11](#_ENREF_11)] |
| Monte Lessini Mandible | Italy | HVR1 | 16256 C/A | This paper |
| El Sidron SD-441 | Spain | HVR1, HVR-1 HVR-, 2 | 16256 C/A, 16139 A/T, 16256 C/A  Insertion 16263 A | [[12](#_ENREF_12)],[13] |
| El Sidron SD-1252 | Spain | HVR1 | 16139 A/T  16256 C/A  Insertion 16263 A | [[14](#_ENREF_13)] |
| EL Sidron 1253 | Spain | Complete MtDNA | 16139 A/T  16256 C/A  Insertion 16263 A | [[3](#_ENREF_3)] |
| SD-1240 | Spain | HVR1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-011 | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-331c | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-1327h | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-753 | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-1161 | Spain | HVR-1 | 16139 A/T  16256 C/A | [15] |
| SD-763a | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-566 | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-500 | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-1634 | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-763b | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| SD-634 | Spain | HVR-1, HVR-2 | 16139 A/T  16256 C/A  Insertion 16263 A | [15] |
| Valdegoba | Spain | HVR1 | 16139 A/T  16256 C/A  Insertion 16263 A | [[16](#_ENREF_14)] |
| Cova del Gegant | Spain | HVR-1 | 16256 C/A | [17] |
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**Table S10 references**

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