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| --- | --- | --- | --- |
| **Sample number removed** | **Sample ID** | **Location** | **Study Reference** |
| 1 | ZMUC5719NI | Nigeria | Paijmans et al. (2018) |
| 2 | ZMUC4446ZAM | Zambia | Paijmans et al. (2018) |
| 3 | ZMUC3980BRN | Burundi | Paijmans et al. (2018) |
| 4 | ZMUC24ALG | Algeria | Paijmans et al. (2018) |
| 5 | M81302TAN | Tanzania | Anco et al. (2018) |
| 6 | M80610ANG | Angola | Anco et al. (2018) |
| 7 | M52044DRC | Democratic Republic of the Congo | Anco et al. (2018) |
| 8 | M170305CAM | Cameroon | Anco et al. (2018) |
| 9 | M186944MZ | Mozambique | Anco et al. (2018) |
| 10 | M170309CAM | Cameroon | Anco et al. (2018) |
| 11 | M170301CAM | Cameroon | Anco et al. (2018) |
| 12 | M165802CHD | Chad | Anco et al. (2018) |
| 13 | leo7MZ | Mozambique | Ropiquet et al. (2015) |
| 14 | leo52WC | ZA\_Western Cape | Ropiquet et al. (2015) |
| 15 | leo51WC | ZA\_Western Cape | Ropiquet et al. (2015) |
| 16 | leo49WC | ZA\_Western Cape | Ropiquet et al. (2015) |
| 17 | leo46WC | ZA\_Western Cape | Ropiquet et al. (2015) |
| 18 | leo32WC | ZA\_Western Cape | Ropiquet et al. (2015) |
| 19 | leo24EC | ZA\_Eastern Cape | Ropiquet et al. (2015) |
| 20 | leo156KZN | ZA\_KwaZulu-Natal | Ropiquet et al. (2015) |
| 21 | leo132KZN | ZA\_KwaZulu-Natal | Ropiquet et al. (2015) |
| 22 | 83S2KNP | ZA\_Kruger National Park | Uphyrkina et al. (2001) |
| 23 | 804S3BOT | Botswana | Uphyrkina et al. (2001) |
| 24 | 803S3NAM | Namibia | Uphyrkina et al. (2001) |
| 25 | 802S5NAM | Namibia | Uphyrkina et al. (2001) |
| 26 | 801S3NAM | Namibia | Uphyrkina et al. (2001) |
| 27 | 137S1KNP | ZA\_Kruger National Park | Uphyrkina et al. (2001) |
| 28 | 136S8KNP | ZA\_Kruger National Park | Uphyrkina et al. (2001) |

**Supplementary Table S1: A breakdown of the 28 African leopard (*Panthera pardus pardus*) mitochondrial NADH-5 sequences that were removed from the haplotype spanning network analysis displayed in Figure 2**. These samples were removed because they had greater than 5% of base pairs missing or unidentifiable. The sample ID, location and source are given.

**References**

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