**Table S1.** List of the specimens used in this work for morphometrics and/or genetic study. Status : value of the specimen as Holotype (HT), Paratype (PT), Topotype (TT) . (GPS, specimen preparation data available on request through database consultation via Collhelper (<http://colhelper.mnhn.fr/>) for MNHN specimens).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field number** | **Genbank Number and Reference**  **(\* = this study)** | **Species** | **Status** | **Country** | **Region** | **Locality** | **Museum**  **Collections Numbers** | **Morpho-metry**  **This study** | **Karyotype**  **Reference**  **(\*=this study)** |
| VV1999-304 | MT192045\* | zebra |  | Senegal |  | Fongolembi |  |  |  |
| VV1999-015 | MT192046\* | zebra |  | Senegal |  | Kédougou |  |  |  |
| CMNH:102463 | KU375152,  Rowe et al.2016 | zebra |  | Kenya | Machakos | Kathekani |  |  |  |
| CM:M:102463 | KY754012, Steppan & Schenk 2017 | zebra |  | Kenya | Machakos | Kathekani |  |  |  |
| MA475 | MT192047\* | barbarus |  | Morocco |  |  |  |  |  |
| VV1996-006 | MT192048\* | bellieri | TT | Ivory Coast |  | Lamto | MNHN-ZM-  2006-208 | x | Volobouev  unp. |
| VV1997-1843 | AF004586,  Ducroz 2001 | bellieri | TT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1997-1843 |  |  |
|  |  | bellieri |  | Ivory Coast |  | Foro | MNHN-ZM-MO 1979-159 | x | Tranier &  Gautun unp. |
|  |  | bellieri | PT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1983-463 | x |  |
|  |  | bellieri | PT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1983-464 | x |  |
|  |  | bellieri | PT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1983-465 | x |  |
|  |  | bellieri | PT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1983-466 | x |  |
|  |  | bellieri | PT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1983-467 | x |  |
|  |  | bellieri | TT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1979-156 | x | Tranier & Gautun unp. |
|  |  | bellieri |  | Guinea | Faranah | Sidoroko | ZFMK 97.324 | x |  |
|  |  | bellieri |  | Ivory Coast |  | Foro | MNHN-ZM-MO 1973-459 | x |  |
|  |  | bellieri | TT | Ivory Coast |  | Lamto | MNHN-ZM-MO 1979-427 | x | Tranier & Gautun unp. |
|  |  | bellieri |  | Ivory Coast |  | Foro | MNHN-ZM-MO 1973-458 | x |  |
| BE519 | MT192049\* | bellieri |  | Benin |  | Terou | MNHN – ZM  2013-1676 |  |  |
| 726 | MT192050\* | linulus |  | Guinea | Faranah | Bantou | MNHN – ZM  2012-1026 | x | \* |
| 1195 | MT192051\* | linulus |  | Guinea | Faranah | Bantou | MNHN – ZM  2012-1025 | x |  |
| VN1002 | MT192052\* | linulus |  | Guinea | Kérouané | Fressoudou | MNHN – ZM  2012-603 | x |  |
| KD08 | MT192053\* | linulus |  | Guinea | Kankan | Kodoko | MNHN – ZM  2011-615 | x |  |
| KD15 | MT192054\* | linulus |  | Guinea | Kankan | Kodoko | MNHN – ZM  2011-614 | x |  |
| KD39 | MT192055\* | linulus |  | Guinea | Kankan | Kodoko | MNHN – ZM  2012-1027 | x |  |
| 795 | MT192056\* | linulus |  | Guinea | Faranah | Tanganya | MNHN – ZM  2012-1030 | x | \* |
| 827 | MT192057\* | linulus |  | Guinea | Faranah | Tanganya | MNHN – ZM  2012-1028 | x | \* |
| 860 |  | linulus |  | Guinea | Faranah | Tanganya | MNHN – ZM  2012-1031 | x | \* |
|  |  | linulus |  | RCI |  | Bouna | MNHN-ZM-MO 1971-759 | x | Mathey 1954 |
|  |  | linulus |  | RCI |  | Bouna | MNHN-ZM-MO 1971-548 | x | Mathey 1954 |
| VV  2001-170 | MT192058\* | linulus |  | Mali | Mts Mandingues | Tombane |  |  |  |
| 872 |  | linulus |  | Guinea | Faranah | Tanganya | MNHN – ZM  2012-1029 | x | \* |
| M4408 |  | linulus |  | Mali |  | Tombane | MNHN-ZM-MO 2004-730 | x |  |
| M4714 |  | linulus |  | Mali |  | Balamansala | MNHN-ZM-MO 2004-732 | x | Sicard unp. |
| M4687 |  | linulus |  | Mali |  | Balamansala | MNHN-ZM-MO 2004-731 | x | Sicard unp. |
| M4714 |  | linulus |  | Mali |  | Tombane | MNHN – ZM  2005-721 | x |  |
|  |  | macculus |  | CAR |  | Bossangoa | MNHN-ZM-MO 1992-1548 |  | Ducroz 2001 |
| VV1995-023 | AF141208,  Ducroz 2001 | macculus |  | CAR |  | Bossangoa | MNHN-ZM-MO1992-1542 |  | Ducroz 2001 |
| MN066307 | MN066307, Petruzela  et al. 2019 | rosalia |  | Tanzania | Kireguru |  |  |  |  |
| VV1996-569 | AF141209,  Ducroz 2001 | rosalia |  | South Africa |  | Tembe Elephant Park | MNHN-ZM-MO 1996-569 |  |  |
| 44 | DQ537318,  Nicolas et al. 2008 | striatus |  | Guinea | Tanéné | Bamba | MNHN – ZM  2008-1 | x |  |
| 51 | DQ537319,  Nicolas et al. 2008 | striatus |  | Guinea | Tanéné | Bamba | MNHN – ZM  2008-2 |  |  |
| 186 | DQ537312,  Nicolas et al. 2008 | striatus |  | Guinea | Faranah | Bantou | MNHN – ZM  2008-3 | x |  |
| 201 | DQ537313,  Nicolas et al. 2008, | striatus |  | Guinea | Faranah | Bantou | MNHN – ZM  2008-4 | x |  |
| 217 | DQ537314,  Nicolas et al. 2008 | striatus |  | Guinea | Faranah | Bantou | MNHN –  ZM 2008-5 | x |  |
| 690 | DQ537315,  Nicolas et al. 2008 | striatus |  | Guinea | Faranah | Bantou | MNHN – ZM  2008-7 | x | \* |
| 692 | DQ537316,  Nicolas et al. 2008 | striatus |  | Guinea | Faranah | Bantou | MNHN – ZM  2008-8 | x | \* |
| BEN9 | MT192059\* | striatus |  | Guinea | Forécariah | Benti | MNHN – ZM  2011-621 | x |  |
| VN1493 | MT192060\* | striatus |  | Guinea | Yomou | Bowé | MNHN – ZM  2013-226 |  |  |
| VN1564 | MT192061\* | striatus |  | Guinea | Yomou | Bowé | MNHN – ZM  2013-228 |  |  |
| VN1566 | MT192062\* | striatus |  | Guinea | Yomou | Bowé | MNHN – ZM  2013-229 |  |  |
| FR94 | DQ537317,  Nicolas et al. 2008 | striatus |  | Guinea | Kérouané | Franfina | MNHN – ZM  2008-29 | x |  |
| 1159 | DQ537320,  Nicolas et al. 2008 | striatus |  | Guinea | Kindia | Ganya | MNHN – ZM  2008-11 | x |  |
| 1166 | DQ537321,  Nicolas et al. 2008 | striatus |  | Guinea | Kindia | Ganya | MNHN – ZM  2008-12 | x |  |
| 1167 | DQ537322,  Nicolas et al. 2008 | striatus |  | Guinea | Kindia | Ganya | MNHN – ZM  2008-13 | x |  |
| 112 | T192063\* | striatus |  | Guinea | Tanéné | Gayebombo | MNHN – ZM  2011-618 | x |  |
| VN512 | MT192071\* | striatus |  | Guinea | Yomou | Gbaolé | MNHN – ZM  2012-608 |  |  |
| 557 | DQ537330,  Nicolas et al. 2008 | striatus |  | Guinea | Kindia | Kaali | MNHN – ZM  2008-6 | x |  |
| P0700 | DQ537283,  Nicolas et al. 2008, | striatus |  | Guinea | Ziama | Kazaouma | MNHN – ZM  2008-47 | x |  |
| P1932 | DQ537282,  Nicolas et al. 2008 | striatus |  | Guinea | Ziama | Kazaouma | MNHN – ZM  2008-48 |  |  |
| P3397 | DQ537280,  Nicolas et al. 2008 | striatus |  | Guinea | Ziama | Kazaouma | MNHN – ZM  2008-49 |  |  |
| P3713 | DQ537281,  Nicolas et al. 2008 | striatus |  | Guinea | Ziama | Kazaouma | MNHN –  ZM 2008-50 |  |  |
| VN1021 | MT192064\* | striatus |  | Guinea | Kérouané | Samedou | MNHN – ZM  2012-609 |  |  |
| VN1034 | MT192065\* | striatus |  | Guinea | Kérouané | Samedou | MNHN – ZM  2012-610 |  |  |
| VN1038 | MT192066\* | striatus |  | Guinea | Kérouané | Samedou | MNHN – ZM  2012-611 |  |  |
| P3158 | MT192067\* | striatus |  | Guinea | Ziama | Sérédou | MNHN – ZM  2011-341 |  |  |
| 829 | DQ537323,  Nicolas et al. 2008 | striatus |  | Guinea | Faranah | Tanganya | MNHN – ZM  2008-9 | x | \* |
| 859 | DQ537324,  Nicolas et al. 2008, | striatus |  | Guinea | Faranah | Tanganya | MNHN – ZM  2008-10 | x | \* |
| YRD33 | MT192068\* | striatus |  | Guinea | Tanéné | Yerende | MNHN – ZM  2011-424 | x | Denys et al. 2009 |
| VN1286 | MT192069\* | striatus |  | Guinea | Mont Yonon | Zogota | MNHN – ZM  2013-321 |  |  |
| CIV492 |  | striatus |  | Ivory Coast | Aboisso | Bakro | MNHN – ZM  2008-25 | x |  |
| CIV337 | DQ537329,  Nicolas et al. 2008 | striatus |  | Ivory Coast |  | Kotdkossou | MNHN – ZM  2008-23 |  |  |
|  |  | striatus |  |  |  |  | BMNH 64.6.5.4 | x |  |
|  |  | striatus |  | Ivory Coast |  | Adiopodoumé | MNHN-ZM-MO 1979-157 | x | Tranier & Gautun unp. |
|  |  | striatus |  | Ivory Coast |  | Adiopodoumé | MNHN-ZM-MO 1979-158 | x | Tranier & Gautun unp. |
|  |  | striatus |  | Ivory Coast |  | Adiopodoumé | MNHN-ZM-MO 1979-430 | x | Tranier & Gautun unp. |
| 28183 | DQ537333,  Nicolas et al. 2008 | striatus |  | Kenya | Aberdare Mts | Ruhuruwini |  |  |  |
| RW5312 | DQ537308,  Nicolas et al. 2008 | striatus |  | Rwanda | Kigali |  |  |  |  |
| DJ095 | EF144133,  Nicolas et al. 2008 | striatus |  | DRC | Djabir |  |  |  |  |
| R16078 | DQ537264,  Nicolas et al. 2008 | striatus |  | Gabon | Forêt des Abeilles |  |  |  |  |
| BE207 | EF144143,  Nicolas et al. 2008 | striatus |  | Benin | Wannou |  |  |  |  |
| LEST1 | DQ537277,  Nicolas et al. 2008 | striatus |  | Nigeria | Asejire |  |  |  |  |
| VN1329 | MT1920670\* | striatus |  | Guinea | Mont Yonon | Zogota | MNHN – ZM  2013-231 |  |  |
| FON6 | AF141207,  Ducroz 2001 | zebra |  | Senegal |  | Fongolembi |  |  |  |
| C305 | HM635851,  Dobigny et al. 2011 | zebra |  | Cameroon |  | Gamnaga |  |  |  |
| C130 | HM635852,  Dobigny et al. 2011 | zebra |  | Cameroon |  | Kossa |  |  |  |