**Additional file 2** Summary of sampling localities and number of samples

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Sampling localities | Ccodes | EastingLatitude | NorthingLongitude | Forest type | Taxon  | Number of sequences | Reference ID from [Haus et al. [20]](#_ENREF_20" \o "Haus, 2013 #2361) |
|  |
| 1 | Odobullu | OD |  6.877215 | 40.175367 | CF | Bale monkey | 14 |  |
| 2 | Shedem  | SH |  6.812988 | 39.983206 | CF | Bale monkey | 10 |  |
| 3 | Harenna  | HR | 6.722921 | 39.741273 | CF | Bale monkey | 10 |  |
| 4 | Afursa | AF | 6.707969 | 38.717650 | FF | Bale monkey | 11 |  |
| 5 | Kokosa | KK |  6.733149 | 38.801435 | FF | Bale monkey | 14 |  |
| 6 | Ekuma | EK |  6.793782 | 38.707582 | FF | Bale monkey | 11 |  |
| 7 | Kulla | KL |  6.786365 | 38.679759 | FF | Bale monkey | 10 |  |
| 8 | Gerbicho | GR |  6.577567 | 38.486055 | FF | Bale monkey | 10 |  |
| 9 | Bokata | BO | 6.278838 | 38.649832 | FF | Bale monkey | 6 |  |
| 10 | Gejaba | GJ | 6.241420 | 38.703291 | FF | Bale monkey | 10 |  |
| 11 | Wotiye | WT | 6.278861 | 38.686147 | FF | Bale monkey | 3 |  |
| 12 | Yeko | YK | 6.149111 | 38.733223 | FF | Bale monkey | 10 |  |
|  | Total |  |  |  |  |  | **119** |  |
|  |
| 1 | Lake Awassa | LA | 7.048088 | 38.462103 |  | Grivet | 1 | aet (C2) 331 |
| 2 | Sodere | SD |  8.403206 | 39.392473 |  | Grivet | 1 | aet (C2) 373 |
| 3 | Menagesha | MN | 8.965695 | 38.526452 |  | Grivet | 1 | aet (C2) 485 |
| 4 | Woliso | WL | 8.535796 | 37.980229 |  | Grivet | 2 | aet (C1) 463, 464 |
| 5 | Jimma | JM | 7.692432 | 36.806763 |  | Grivet | 2 | aet (C2) 438, 439 |
| 6 | Bonga | BN | 7.266449 | 36.231309 |  | Grivet | 1 | aet (C2) 451 |
| 7 | Arba Minch | AM | 6.912052 | 40.845828 |  | Vervet-grivet hybrid | 2 | pyg x aet (C2) 391 - 87/391, 393 |
| 8 | Yabello | YB | 4.895958 | 38.070434 |  | Vervet | 1 | pyg (C2) 421 |
| 9 | Sof Omar | SO | 6.038503 | 37.571891 |  | Vervet | 1 | pyg (C6) 496 - 193 |
|  | Total |  |  |  |  |  | **12** |  |

Sampling localities, coordinates and number of samples for (a) Bale monkey localities (this study) and (b) *Chlorocebus* samples collected by [Haus et al. [20]](#_ENREF_20) in the southern Ethiopian Highlands. Forest type: *CF* Continuous forest, *FF* Fragmented forest