**S2 Table. Sequences used in this study to investigate the genetic diversity of the non-caballine equid members.**

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| **Taxa** | **GenBank No.** |
| 1. *ovodovi* | JX312734, KY114520, ZDT4 (this study), ZDT7 (this study), ZDT9 (this study) |
| *E. burchellii* | JX312721, JX312729, JX312733, KM881680, NC\_018781 |
| *E. grevyi* | JX312720, JX312722, JX312723, JX312725, NC\_020432 |
| *E. zebra* | JX312717, JX312718, JX312719, JX312724, NC\_018780, NC\_020476 |
| *E. kiang* | JX312731, JX312732, NC\_020433 |
| *E. hemionus* | HM118851, JX312728, JX312730, NC\_016061, NC\_018782 |
| *E. asinus* | KM881681, KT182635, KX669267, KX683425, MG885769, NC\_001788, X97337 |