**Table S4.** Homologies between *Mazama simplicicornis argentina* (MSA), *S. gouazoubira* (SGO) chromosomes (Bernegossi et al. 2022), and cattle BTA chromosomes

|  |  |  |
| --- | --- | --- |
| MSA chromosome | SGO homology | BTA homology |
| 1 | 1 | 3 |
| 2 | 2 | 4 |
| 3 | 3 | 2prox |
| 4 | 4 | 1dist |
| 5 | 5 | 28/26 |
| 6 | 6 | 10 |
| 7 | 7 | 7 |
| 8 | 8 | 11 |
| 9 | 9 | 12 |
| 10 | 10 | 14 |
| 11 | 11 | 16 |
| 12 | 12 | 13 |
| 13 | 13 | 15 |
| 14 | 14 | 21 |
| 15 | 15 | 19 |
| 16 | 16 | 1prox |
| 17 | 17 | 18 |
| 18 | 18 | 20 |
| 19 | 19 | 17 |
| 20 | 20 | 6prox |
| 21 | 21 | 5prox |
| 22 | 22 | 9prox |
| 23 | 23 | 5dist |
| 24 | 24 | 6dist |
| 25 | 25 | 22 |
| 26 | 26 | 8prox |
| 27 | 27 | 23 |
| 28 | 28 | 24 |
| 29 | 29 | 29 |
| 30 | 30 | 2dist |
| 31 | 31 | 27 |
| 32 | 32 | 25 |
| 33 | 33 | 8dist |
| 34 | 34 | 9dist |
| X | X | X |