Supplementary Table 2 Genotypes of all *Toxoplasma gondii* isolates white-tailed deer **(*Odocoileus virginianus*)**  collected from 2012-2019.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *T. gondii* reference strains  | ToxoDB type  | SAG1 | (5’+3’) SAG2 | alt. SAG2 | SAG3 | BTUB | GRA6 | C22-8 | C29-2 | L358 | PK1 | Apico |
| GT1 (type I) | #10 | I | I | I | I | I | I | I | I | I | I | I |
| PTG (type II) | #1 | II or III | II | II | II | II | II | II | II | II | II | II |
| CTG (type III) | #2 | II or III | III | III | III | III | III | III | III | III | III | III |
| TgCgCa1 (cougar) | #66 | I | II | II | III | II | II | II | u-1 | I | u-2 | I |
| MAS | #17 | u-1 | I | II | III | III | III | u-1 | I | I | III | I |
| TgCatBr5 | #19 | I | III | III | III | III | III | I | I | I | u-1 | I |
| TgCatBr64 | #111 | I | I | u-1 | III | III | III | u-1 | I | III | III | I |
| TgToucan (TgRsCr1) | #52 | u-1 | I | II | III | I | III | u-2 | I | I | III | I |
| 1) ID#00408 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 2) ID#00405 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 3) ID#00444 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 4) ID#00211 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 5) ID#01002 | #5 | u-1 | II | II | II | II | II | II | II | I | II | II |
| 6) ID#00231 | #224 | II or III | III | III | III | I | III | II | III | III | III | III |
| 7) ID#00481 | #2 | II or III | III | III | III | III | III  | III | III | III  | III  | III  |
| 8) ID#01146 | #2 | II or III | III | III | III | III | III | III | III | III | III | III |
| 9) ID#04684 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 10)ID#004683 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 11) ID#01051 | #39 | II or III | II | II | II | II | II | II | II | I | II | II |
| 12) ID#00692 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 13) ID#00675 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 14) ID#00681 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 15) ID#00684 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 16) ID#00688 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 17) ID#00695 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 18) ID#00696 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 19) ID#00194 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 20) ID#00667 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 21) ID#00660 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 22) ID#00662 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 23)ID#00663 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 24) ID#00011 | #3 | II or III | II | II | II | II | II | II | II | II | II | I |
| 25) ID#00591 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 26) ID#01411 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 27) ID#01440 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 28) ID#01460 | #5 | u-1 | II | II | II | II | II | II | II | I | II | I |
| 29) ID#01487 | #5 likely | u-1 | II | II | II | II | II | II | II | I | II | No data  |
| 30) ID#00646 | #1 | II or III | II | II | II | II | II | II | II | II | II | II |
| 31) ID#00893 | #2 | III | III | III | III | III | III | III | III | III | III | III |
| 32) ID#00924 | #1 | II or III | II | II | II | II | II | II | II | II | II | II |
| 33) ID#00935 | #221 | u-1 | II | II | II | II | II | II | II | I | II | II |
| 34) ID#02705 | #2 | II or III | III | III | III | III | III | III | III | III | III | III |
| 35) ID#00987 | #1 | II or III | II | II | II | II | II | II | II | II | II | II |
| 36) ID#00988 | #3 | II or III | II  | II  | II  | II  | II  | II  | II | II  | II  | I  |