List of haplotypes sequences (variable sites) for *Tupinambis teguixin* populations in Venezuela.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
|  |  | 2 | 3 | 4 | 5 | 0 | 0 | 2 | 2 | 2 | 3 | 3 | 4 | 5 | 7 | 7 | 9 | 0 | 2 | 5 | 6 | 7 | 7 | 9 | 0 | 0 | 3 | 5 | 8 | 9 | 0 | 5 | 7 | 0 | 1 | 1 | 2 | 3 | 6 | 6 | 7 |
|  |  | 6 | 7 | 1 | 5 | 7 | 9 | 3 | 4 | 7 | 3 | 6 | 8 | 7 | 2 | 5 | 1 | 8 | 3 | 0 | 6 | 0 | 7 | 1 | 0 | 9 | 6 | 7 | 1 | 0 | 0 | 0 | 8 | 4 | 0 | 3 | 6 | 5 | 0 | 9 | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1 |  | C | G | C | C | G | T | T | C | C | C | G | G | G | T | C | G | T | A | A | A | C | A | G | A | G | A | C | T | A | G | C | G | A | T | T | T | G | T | T | T |
| H2 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | C | T | . | . | . | . | . | . | . | . | . | . | A | . | . | . | C | . | C | . | . |
| H3 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | C | . | C | . | . |
| H4 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H5 |  | . | A | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | A | A | . | . | . | . | . | . | . | . |
| H6 |  | . | . | . | . | . | . | . | . | . | . | . | A | . | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H7 |  | . | . | . | . | . | . | . | . | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H8 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H9 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H10 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H11 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H12 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | C |
| H13 |  | . | A | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H14 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | C | . | C | . | . |
| H15 |  | . | A | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H16 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H17 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | C | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | A | . | A | . | . | . | . | . | . | . | . |
| H18 |  | . | A | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | G | . | . | A | . | . | . | . | . | . | . | . |
| H19 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | A | . | . | . | . | C | . | . | . | A | . | . | . | . | . | . | . | . |
| H20 |  | . | . | . | . | . | . | . | . | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H21 |  | . | . | . | . | A | . | . | . | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H22 |  | . | . | . | . | . | . | A | . | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H23 |  | . | . | . | . | . | . | . | . | . | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | C | . | . | . |
| H24 |  | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H25 |  | . | A | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | G | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H26 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H27 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | T | . | . | . | . | C | . | . |
| H28 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H29 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | . | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H30 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H31 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | A | G | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H32 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | . | . | . | . | C | C | . |
| H33 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | C | . | . | . | C | . | . |
| H34 |  | . | . | . | . | . | C | . | T | . | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H35 |  | . | . | . | . | . | C | . | T | T | T | A | . | . | . | . | . | C | . | G | . | . | G | . | C | . | G | . | . | . | . | . | A | . | . | . | . | . | C | . | . |
| H36 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H37 |  | T | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . |
| H38 |  | . | . | . | . | . | . | . | . | . | T | . | . | . | . | . | . | . | G | . | . | . | G | . | . | . | . | T | . | . | . | . | A | . | . | C | . | . | . | . | . |

Continues on next page…

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  |  | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
|  |  | 7 | 0 | 2 | 3 | 5 | 7 | 0 | 1 | 2 | 3 | 4 | 5 | 5 | 5 | 7 | 8 | 0 | 1 | 4 | 5 | 6 | 7 | 7 | 8 | 9 | 0 | 3 | 3 | 4 | 6 | 8 | 9 | 9 | 0 |
|  |  | 5 | 9 | 1 | 6 | 7 | 9 | 2 | 7 | 6 | 9 | 6 | 0 | 3 | 6 | 7 | 1 | 1 | 6 | 3 | 8 | 1 | 0 | 6 | 5 | 7 | 9 | 4 | 6 | 5 | 3 | 5 | 3 | 9 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H1 |  | C | C | T | A | A | C | C | T | T | A | T | C | A | C | A | A | G | C | G | G | G | G | C | G | A | G | T | G | C | T | C | A | A | C |
| H2 |  | . | . | . | . | . | . | . | . | . | . | C | T | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H3 |  | . | . | . | . | . | . | . | . | . | . | C | T | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H4 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | A | . | . | . | . | . | . | G | . |
| H5 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | A | . | . | . | . | . | . | . | . |
| H6 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | G | . | . |
| H7 |  | . | . | . | G | . | . | . | . | C | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H8 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | A | . | . | A | . | . | . | . | . | . | . | . | G | . |
| H9 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | C | . | . | . | . | . | G | . |
| H10 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | G | . |
| H11 |  | . | . | . | . | . | . | . | . | . | G | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | G | . |
| H12 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | C | A | . | . | . | . | G | . |
| H13 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | C | . | . | . | . | . | G | . |
| H14 |  | . | . | . | . | . | . | . | . | . | . | C | T | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H15 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | G | . |
| H16 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | C | . | . | . | . | . | G | . |
| H17 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | C | . | . | . | . | . | G | . |
| H18 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | C | . | . | . | . | . | G | . |
| H19 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | G | . |
| H20 |  | . | . | . | G | . | . | . | . | C | . | . | . | . | . | . | G | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H21 |  | . | . | . | G | . | . | . | . | C | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H22 |  | . | . | . | G | . | . | . | . | C | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H23 |  | . | . | . | G | . | . | . | . | C | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H24 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | G | . | . | . | . | . | . | . | . | . |
| H25 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . |
| H26 |  | . | T | A | . | G | . | . | . | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | T | . | . | . |
| H27 |  | . | T | A | . | G | . | . | . | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | T | . | . | . |
| H28 |  | . | T | A | . | G | T | . | . | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | T | . | . | . |
| H29 |  | . | T | A | . | . | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | . | . | . | . |
| H30 |  | . | T | A | . | G | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | . | . | . | . |
| H31 |  | . | T | A | . | G | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | . | . | . | . |
| H32 |  | . | T | A | . | G | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | . | . | . | T |
| H33 |  | . | T | A | . | G | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | . | . | . | . |
| H34 |  | . | T | A | . | G | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | T | . | . | . |
| H35 |  | . | T | A | . | G | . | . | C | C | . | C | . | . | T | G | . | A | T | A | A | . | . | T | . | . | A | C | A | T | C | . | . | . | . |
| H36 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H37 |  | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | A | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| H38 |  | T | . | . | . | . | . | T | . | C | . | C | . | G | . | . | . | A | . | . | . | . | A | . | . | . | A | . | . | . | C | . | . | . | . |