**Tables supplemental Information 2.** Genetic distances (mitochondrial 16S) of *Pristimantis myersi group* and *P.* *verecundus* clade and its most closely related congeners. Values are presented as percent distances calculated from uncorrected *p* values.

**Table S1.** Uncorrected genetic distance (16S) *P. jubatus* + *Pristimantis* sp. 1.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** |
| **1** | *Pristimantis jubatus*\_Colombia\_Cali\_JN104665\_UVC15847 | – |   |  |  |
| **2** | *P\_jubatus*\_Co\_Cali\_JN104663\_UVC15877 | 0.0 | – |   |  |
| **3** | *Pristimantis* sp. 1\_Co\_Cauca\_JN104680\_UVC15942 | 8.3 | 8.3 | – |   |
| **4** | *Pristimantis* sp. 1\_Co\_Cauca\_JN371037\_UVC15943 | 8.2 | 8.2 | 0.2 | – |

**Table S2.** Uncorrected genetic distance (16S) species clade *Pristimantis verecundus*.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** | **39** |
| **1** | *Pristimantis* sp. 2\_Ec\_Cot\_Otonga\_EF493686\_QCAZ12410 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | *Pristimantis* sp. 3\_Ec\_Car\_Via\_SanLorenzo\_JMG675 | 5.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3** | *Pristimantis* sp. 4\_Ec\_Car\_ElPailon\_DHMECH13988 | 12.2 | 11.9 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | *Pristimantis* sp. 5\_Ec\_Car\_Maldonado\_DHMECN14985 | 11.3 | 10.4 | 12.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** | *Pristimantis* sp. 5\_Ec\_Car\_Maldonado\_DHMECN14858 | 10.7 | 10.4 | 11.8 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** | *P.* *celator*\_Ec\_Car\_Maldonado\_EF493685\_KU177684 | 9.4 | 9.9 | 13.1 | 11.2 | 10.5 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **7** | *P. mutabilis*\_Ec\_Pic\_Gralarias\_KM675457\_MZUTI2191 | 10.4 | 10.1 | 13.3 | 11.0 | 10.3 | 9.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **8** | *P. mutabilis* \_Ec\_Pic\_Gralarias\_KM675458\_MZUTI2190 | 10.4 | 10.1 | 13.3 | 11.0 | 10.3 | 9.1 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **9** | *P. mutabilis* \_Ec\_Imb\_LosCedros\_KM675460\_MZUTI912 | 10.8 | 11.0 | 14.4 | 11.9 | 11.4 | 9.5 | 2.4 | 2.4 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **10** | *P. mutabilis* \_Ec\_Imb\_Manduriacu\_ZSFQ504 | 11.0 | 11.1 | 14.3 | 11.2 | 10.9 | 9.5 | 2.5 | 2.5 | 0.8 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11** | *P. mutabilis* \_Ec\_Imb\_Manduriacu\_219\_027 | 11.0 | 11.0 | 14.2 | 11.2 | 10.9 | 9.5 | 2.5 | 2.5 | 0.8 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **12** | *P. mutabilis* \_Ec\_Imb\_LosCedros\_KM675463\_MZUTI909 | 11.2 | 10.9 | 14.1 | 11.1 | 10.6 | 9.3 | 2.3 | 2.3 | 0.5 | 0.6 | 0.6 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13** | *P. mutabilis* \_Ec\_Imb\_LosCedros\_KM675459\_MZUTI913 | 11.2 | 11.0 | 14.1 | 11.3 | 10.8 | 9.4 | 2.3 | 2.3 | 0.5 | 0.6 | 0.6 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **14** | *P. mutabilis* \_Ec\_Imb\_LosCedros\_KM675462\_MZUTI910 | 11.3 | 11.2 | 13.9 | 11.3 | 10.9 | 9.2 | 2.4 | 2.4 | 0.6 | 0.7 | 0.7 | 0.1 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15** | *P. mutabilis* \_Ec\_Imb\_LosCedros\_KM675461\_MZUTI911 | 11.3 | 11.2 | 13.9 | 11.3 | 10.9 | 9.2 | 2.4 | 2.4 | 0.6 | 0.7 | 0.7 | 0.1 | 0.1 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **16** | *P. verecundus*\_Ec\_Car\_Dracula\_DHMECN15007 | 11.2 | 10.6 | 14.6 | 12.6 | 12.1 | 8.8 | 9.0 | 9.0 | 9.0 | 9.1 | 9.0 | 8.7 | 8.7 | 8.8 | 8.8 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17** | *P. verecundus* \_Ec\_Car\_Dracula\_DHMECN15188 | 11.2 | 10.5 | 14.6 | 12.4 | 11.8 | 8.7 | 9.3 | 9.3 | 9.4 | 9.1 | 9.1 | 9.2 | 9.2 | 9.3 | 9.3 | 0.5 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **18** | *P. verecundus* \_Ec\_Car\_Chical\_DHMECH12599 | 11.6 | 10.6 | 14.4 | 12.2 | 12.2 | 9.1 | 9.2 | 9.2 | 9.3 | 9.0 | 9.0 | 9.0 | 9.0 | 9.2 | 9.2 | 0.3 | 0.6 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19** | *P. verecundus* \_Ec\_Car\_Dracula\_DHMECN15189 | 11.4 | 10.6 | 14.4 | 12.6 | 12.0 | 8.9 | 9.3 | 9.3 | 9.5 | 9.0 | 9.0 | 9.3 | 9.3 | 9.4 | 9.4 | 0.3 | 0.5 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **20** | *Pristimantis* sp. 6\_Ec\_Car\_ElPailon\_DHMECH14006 | 11.3 | 10.8 | 13.4 | 12.9 | 12.7 | 10.5 | 8.9 | 8.9 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.3 | 9.3 | 8.5 | 8.6 | 8.1 | 8.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21** | *Pristimantis* sp. 7\_Ec\_Car\_ElPailon\_DHMECH13984 | 11.6 | 12.6 | 14.3 | 12.6 | 12.7 | 10.7 | 9.2 | 9.2 | 9.1 | 8.9 | 8.8 | 8.9 | 8.8 | 9.0 | 9.0 | 9.0 | 8.9 | 8.7 | 8.7 | 6.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **22** | *Pristimantis* sp. 8\_Ec\_Esm\_Canande\_JMG253 | 16.3 | 15.1 | 16.3 | 16.0 | 16.0 | 11.7 | 9.8 | 9.8 | 10.2 | 10.2 | 10.2 | 9.7 | 9.7 | 10.2 | 10.2 | 8.7 | 8.7 | 8.7 | 8.7 | 7.8 | 5.8 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23** | *Pristimantis* sp. 8\_Ec\_Esm\_Canande\_JMG255 | 12.3 | 11.6 | 14.8 | 12.7 | 12.7 | 10.8 | 7.9 | 7.9 | 8.1 | 8.1 | 8.1 | 7.9 | 7.9 | 8.1 | 8.1 | 7.6 | 7.4 | 7.6 | 7.6 | 6.4 | 4.9 | 1.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **24** | *Pristimantis* sp. 9\_Ec\_Imb\_Manduriacu\_ZSFQ503 | 10.7 | 10.4 | 13.2 | 12.2 | 12.3 | 9.4 | 8.0 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.4 | 6.5 | 6.6 | 6.3 | 6.3 | 3.7 | 4.8 | 6.8 | 5.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25** | *Pristimantis* sp. 9\_Ec\_Imb\_Manduriacu\_219\_011 | 10.6 | 10.3 | 13.1 | 12.0 | 12.1 | 9.2 | 7.9 | 7.9 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.3 | 8.3 | 6.8 | 6.8 | 6.6 | 6.6 | 3.6 | 4.7 | 6.3 | 4.9 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **26** | *Pristimantis* sp. 9\_Ec\_Imb\_Manduriacu\_ZSFQ\_0506 | 10.7 | 10.3 | 13.2 | 12.2 | 12.3 | 9.2 | 8.0 | 8.0 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.4 | 8.4 | 6.7 | 6.7 | 6.4 | 6.4 | 3.7 | 4.8 | 6.8 | 5.1 | 0.3 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |
| **27** | *Pristimantis* sp. 9\_Ec\_Imb\_Manduriacu\_ZSFQ0505 | 10.7 | 10.3 | 13.2 | 12.2 | 12.3 | 9.2 | 8.3 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.5 | 8.5 | 6.8 | 7.0 | 6.7 | 6.7 | 3.7 | 4.8 | 6.8 | 5.1 | 0.3 | 0.1 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |
| **28** | *Pristimantis* sp. 9\_Ec\_Imb\_Manduriacu\_ZSFQ0485 | 10.9 | 10.4 | 13.4 | 12.3 | 12.4 | 9.4 | 8.2 | 8.2 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.6 | 8.6 | 6.8 | 6.9 | 6.6 | 6.6 | 3.8 | 5.0 | 6.8 | 5.1 | 0.4 | 0.3 | 0.1 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |
| **29** | *Pristimantis* sp. 10\_Ec\_Pic\_Mindo\_KM675445\_MZUTI2114 | 11.2 | 11.8 | 13.6 | 11.8 | 11.4 | 9.3 | 7.9 | 7.9 | 7.8 | 8.7 | 8.7 | 7.9 | 7.8 | 8.0 | 8.0 | 6.6 | 6.8 | 6.8 | 6.4 | 4.7 | 5.9 | 9.2 | 6.9 | 3.1 | 2.9 | 3.1 | 3.1 | 3.3 | – |   |  |  |  |  |  |  |  |  |  |
| **30** | *Pristimantis* sp. 10\_Ec\_Pic\_Mindo\_KM675446\_MZUTI541 | 11.3 | 11.8 | 13.6 | 11.8 | 11.4 | 9.3 | 7.8 | 7.8 | 7.7 | 8.7 | 8.7 | 7.8 | 7.7 | 7.9 | 7.9 | 6.6 | 6.8 | 6.8 | 6.4 | 4.7 | 5.9 | 9.2 | 6.9 | 3.1 | 2.9 | 3.1 | 3.1 | 3.3 | 0.0 | – |   |  |  |  |  |  |  |  |  |
| **31** | *Pristimantis* sp. 10\_Ec\_Pic\_Mindo\_KM675447\_MZUTI540 | 13.0 | 12.6 | 14.2 | 12.6 | 12.6 | 11.0 | 8.8 | 8.8 | 8.7 | 8.9 | 8.9 | 8.7 | 8.7 | 8.9 | 8.9 | 7.6 | 7.8 | 7.4 | 7.4 | 4.8 | 5.8 | 9.2 | 6.7 | 3.1 | 2.9 | 3.1 | 3.1 | 3.3 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |  |
| **32** | *Pristimantis* sp. 10\_Ec\_Pic\_Mindo\_KM675448\_MZUTI539 | 11.2 | 11.3 | 13.9 | 11.4 | 10.9 | 9.2 | 7.5 | 7.5 | 7.3 | 8.2 | 8.1 | 7.3 | 7.3 | 7.4 | 7.4 | 6.6 | 6.6 | 6.7 | 6.4 | 4.6 | 5.8 | 9.2 | 6.9 | 3.2 | 3.0 | 3.2 | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |
| **33** | *Pristimantis* sp. 10\_Ec\_Pic\_Mashpi\_MZUTI3903 | 11.4 | 11.4 | 13.2 | 12.6 | 12.5 | 10.2 | 9.0 | 9.0 | 8.8 | 9.1 | 9.1 | 9.1 | 9.1 | 9.2 | 9.2 | 7.9 | 8.1 | 7.8 | 7.8 | 4.7 | 5.7 | 9.7 | 7.1 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 | 0.7 | 0.7 | 0.8 | 0.7 | – |   |  |  |  |  |  |
| **34** | *Pristimantis* sp. 10\_Ec\_Pic\_Mashpi\_MZUTI3764 | 11.7 | 11.7 | 13.6 | 12.9 | 12.8 | 10.4 | 9.4 | 9.4 | 9.2 | 9.5 | 9.5 | 9.5 | 9.5 | 9.6 | 9.6 | 8.2 | 8.4 | 8.1 | 8.1 | 5.0 | 6.0 | 10.2 | 7.4 | 3.0 | 3.0 | 3.0 | 3.1 | 3.1 | 1.0 | 1.0 | 1.2 | 0.9 | 0.3 | – |   |  |  |  |  |
| **35** | *Pristimantis* sp. 10\_Ec\_Pic\_Mashpi\_MZUTI3922 | 11.6 | 11.5 | 13.4 | 12.7 | 12.7 | 10.2 | 9.2 | 9.2 | 9.1 | 9.4 | 9.4 | 9.4 | 9.3 | 9.5 | 9.5 | 8.1 | 8.3 | 7.9 | 7.9 | 4.8 | 5.8 | 9.7 | 7.1 | 2.8 | 2.8 | 2.8 | 3.0 | 3.0 | 0.9 | 0.9 | 1.0 | 0.7 | 0.1 | 0.1 | – |   |  |  |  |
| **36** | *Pristimantis* sp. 10\_Ec-Pic\_Chontilla\_KM675465\_MZUTI635 | 10.9 | 11.5 | 13.4 | 12.8 | 12.1 | 9.7 | 8.6 | 8.6 | 8.8 | 9.0 | 8.9 | 9.1 | 9.1 | 9.2 | 9.2 | 7.6 | 8.2 | 7.8 | 7.9 | 4.6 | 5.5 | 9.2 | 6.9 | 2.7 | 2.6 | 2.7 | 2.7 | 2.8 | 0.8 | 0.8 | 1.0 | 0.8 | 0.4 | 0.7 | 0.6 | – |   |  |  |
| **37** | *Pristimantis* sp. 10\_Ec\_Pic\_Chontilla\_KM675466\_MZUTI634 | 10.9 | 11.5 | 13.4 | 12.8 | 12.1 | 9.7 | 8.6 | 8.6 | 8.8 | 9.0 | 8.9 | 9.1 | 9.1 | 9.2 | 9.2 | 7.6 | 8.2 | 7.8 | 7.9 | 4.6 | 5.5 | 9.2 | 6.9 | 2.7 | 2.6 | 2.7 | 2.7 | 2.8 | 0.8 | 0.8 | 1.0 | 0.8 | 0.4 | 0.7 | 0.6 | 0.0 | – |   |  |
| **38** | *Pristimantis* sp. 10\_Ec\_Pic\_Chontilla\_KM675464\_MZUTI636 | 11.4 | 11.5 | 13.4 | 12.8 | 12.1 | 9.8 | 8.6 | 8.6 | 8.9 | 9.0 | 8.9 | 9.2 | 9.2 | 9.3 | 9.3 | 7.6 | 8.2 | 7.8 | 7.9 | 4.6 | 5.5 | 9.2 | 6.9 | 2.7 | 2.6 | 2.7 | 2.7 | 2.8 | 0.8 | 0.8 | 1.0 | 0.8 | 0.4 | 0.7 | 0.6 | 0.0 | 0.0 | – |   |
| **39** | *Pristimantis* sp. 10\_Ec\_Pic\_Chontilla\_KM675467\_MZUTI633 | 11.5 | 11.5 | 13.4 | 12.8 | 12.1 | 9.8 | 8.5 | 8.5 | 8.9 | 9.0 | 9.0 | 9.2 | 9.2 | 9.3 | 9.3 | 7.5 | 7.9 | 7.5 | 7.7 | 4.6 | 5.5 | 9.2 | 6.9 | 2.7 | 2.6 | 2.7 | 2.7 | 2.8 | 0.8 | 0.8 | 1.0 | 0.8 | 0.3 | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | – |

**Table S3.** Uncorrected genetic distance (16S), subclade 1 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1** | *Pristimantis sirnigeli*\_Ec\_Pic\_Verdecocha\_MZUTI1825 | – |   |  |  |  |  |  |  |  |  |
| **2** | *P. sirnigeli*\_Ec\_Pic\_Verdecocha\_MZUTI1826 | 0.0 | – |   |  |  |  |  |  |  |  |
| **3** | *P. sirnigeli* \_Ec\_Pic\_Verdecocha\_MZUTI1827 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |
| **4** | *P. pyrrhomerus*\_Ec\_Cot\_Pilalo\_MZUTI1941 | 3.5 | 3.5 | 3.5 | – |   |  |  |  |  |  |
| **5** | *P. pyrrhomerus* \_Ec\_Cot\_Pilalo\_MZUTI1942 | 3.7 | 3.7 | 3.7 | 0.0 | – |   |  |  |  |  |
| **6** | *P. pyrrhomerus* \_Ec\_Cot\_Pilalo\_MZUTI1943 | 3.6 | 3.6 | 3.6 | 0.0 | 0.0 | – |   |  |  |  |
| **7** | *Pristimantis* sp. 11\_Ec\_Cot\_Sigchos\_MZUTI1925 | 2.8 | 2.7 | 2.7 | 2.3 | 2.3 | 2.2 | – |   |  |  |
| **8** | *Pristimantis* sp. 11\_Ec\_Cot\_Sigchos\_MZUTI1926 | 2.8 | 2.7 | 2.7 | 2.3 | 2.3 | 2.2 | 0.0 | – |   |  |
| **9** | *Pristimantis* sp. 11\_Ec\_Cot\_Sigchos\_MZUTI1927 | 2.8 | 2.7 | 2.7 | 2.3 | 2.3 | 2.2 | 0.0 | 0.0 | – |   |
| **10** | *Pristimantis* sp. 11\_Ec\_Cot\_Sigchos\_MZUTI1928 | 2.8 | 2.7 | 2.7 | 2.3 | 2.3 | 2.2 | 0.0 | 0.0 | 0.0 | – |

**Table S4.** Uncorrected genetic distance (16S), subclade 2 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| **1** | *Pristimantis* sp.12\_Ec\_Car\_VirgenNegra\_DHMECN13354 | – |  |  |  |  |  |  |  |  |  |
| **2** | *Pristimantis* sp.12\_Ec\_Car\_VirgenNegra\_DHMECN13347 | 0.1 | – |  |  |  |  |  |  |  |  |
| **3** | *Pristimantis* sp.12\_Ec\_Car\_LaEsperanza\_DHMECN13649 | 0.2 | 0.1 | – |  |  |  |  |  |  |  |
| **4** | *Pristimantis* sp.12\_Ec\_Car\_LaEsperanza\_DHMECN13648 | 0.3 | 0.1 | 0.0 | – |  |  |  |  |  |  |
| **5** | *Pristimantis* sp.12\_Ec\_Car\_Moran\_DHMECN13339 | 1.3 | 1.2 | 1.3 | 1.3 | – |  |  |  |  |  |
| **6** | *Pristimantis* sp.12\_Ec\_Car\_Moran\_DBR406 | 1.8 | 1.6 | 1.8 | 1.8 | 0.5 | – |  |  |  |  |
| **7** | *Pristimantis* sp.12\_Ec\_Car\_TufinoMaldonado\_DBR264 | 1.5 | 1.4 | 1.5 | 1.6 | 0.3 | 0.4 | – |  |  |  |
| **8** | *Pristimantis* sp.12\_Ec\_Car\_TufinoMaldonado\_DBR269 | 1.4 | 1.3 | 1.4 | 1.5 | 0.1 | 0.3 | 0.1 | – |  |  |
| **9** | *Pristimantis* sp.12\_Ec\_Car\_TufinoMaldonado\_DBR266 | 1.4 | 1.3 | 1.4 | 1.5 | 0.1 | 0.3 | 0.1 | 0.0 | – |  |
| **10** | *Pristimantis* sp.12\_Ec\_Car\_TufinoMaldonado\_DBR263 | 1.7 | 1.6 | 1.6 | 1.7 | 0.4 | 0.6 | 0.4 | 0.3 | 0.3 | – |

**Table S5.** Uncorrected genetic distance (16S), subclade 3 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** |
| **1** | *Pristimantis* sp. 13\_Ec\_Bol\_BP\_Totoras\_EF493683\_KU218030 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | *Pristimantis* sp. 13\_Ec\_Bol\_BP\_Totoras\_QCAZ13771 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3** | *Pristimantis* sp. 13\_Ec\_Bol\_BP\_Totoras\_QCAZ13769 | 0.2 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | *P. leoni*\_Ec\_Imb\_LagunaMojanda\_QCAZ42125 | 1.5 | 1.3 | 1.3 | – |   |  |  |  |  |  |  |  |  |  |  |  |
| **5** | *P. leoni* \_Ec\_Imb\_LagunaMojanda\_MZUTI1809 | 1.6 | 1.3 | 1.3 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |
| **6** | *P. leoni* \_Ec\_Imb\_LagunaMojanda\_MZUTI1811 | 1.6 | 1.3 | 1.3 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |
| **7** | *P. leoni* \_Ec\_Pic\_Yanacocha\_DHMECN7285 | 1.9 | 1.8 | 1.8 | 0.4 | 0.4 | 0.4 | – |   |  |  |  |  |  |  |  |  |
| **8** | *P. leoni* \_Ec\_Pic\_Yanacocha\_DHMECN7287 | 1.9 | 1.7 | 1.7 | 0.5 | 0.5 | 0.5 | 0.0 | – |   |  |  |  |  |  |  |  |
| **9** | *P. leoni* \_Ec\_Pic\_Verdecocha\_MZUTI1799 | 2.1 | 1.9 | 1.9 | 0.5 | 0.6 | 0.6 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |
| **10** | *P. leoni* \_Ec\_Pic\_Verdecocha\_MZUTI1818 | 1.9 | 1.9 | 1.8 | 0.5 | 0.6 | 0.6 | 0.0 | 0.0 | 0.1 | – |   |  |  |  |  |  |
| **11** | *P. leoni* \_Ec\_Pic\_Verdecocha\_MZUTI1819 | 1.9 | 1.9 | 1.8 | 0.5 | 0.6 | 0.6 | 0.0 | 0.0 | 0.1 | 0.0 | – |   |  |  |  |  |
| **12** | *P. leoni* \_Ec\_Pic\_ValleDelToaza\_DHMECN8756 | 1.8 | 1.9 | 1.8 | 0.7 | 0.8 | 0.8 | 0.1 | 0.1 | 0.4 | 0.2 | 0.2 | – |   |  |  |  |
| **13** | *P. leoni* \_Ec\_Pic\_ValleDelToaza\_DHMECN8762 | 1.9 | 1.9 | 1.8 | 0.5 | 0.6 | 0.6 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.2 | – |   |  |  |
| **14** | *P. leoni* \_Ec\_Pic\_ValleDelToaza\_DHMECN8759 | 2.2 | 2.0 | 2.0 | 0.7 | 0.7 | 0.7 | 0.1 | 0.2 | 0.4 | 0.3 | 0.3 | 0.6 | 0.3 | – |   |  |
| **15** | *P. leoni* \_Ec\_Pic\_ValleDelToaza\_DHMECN8757 | 2.1 | 2.1 | 2.1 | 0.7 | 0.8 | 0.8 | 0.1 | 0.2 | 0.4 | 0.2 | 0.2 | 0.5 | 0.2 | 0.1 | – |   |
| **16** | *P. leoni* \_Ec\_Pic\_ValleDelToaza\_DHMECN8760 | 2.1 | 2.1 | 2.1 | 0.7 | 0.8 | 0.8 | 0.1 | 0.2 | 0.4 | 0.2 | 0.2 | 0.5 | 0.2 | 0.1 | 0.0 | – |

**Table S6.** Uncorrected genetic distance (16S), subclade 4 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** |
| **1** | *Pristimantis munozi*\_Ec\_Pic\_LaVictoria\_DHMECN4938 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | *P. munozi*\_Ec\_Pic\_Verdecocha\_MZUTI1779 | 0.3 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3** | *P. munozi* \_Ec\_Pic\_Verdecocha\_MZUTI1782 | 0.3 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | *P. munozi* \_Ec\_Pic\_Verdecocha\_MZUTI1783 | 0.6 | 0.4 | 0.4 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** | *P. munozi* \_Ec\_Pic\_Verdecocha\_MZUTI1784 | 0.3 | 0.0 | 0.0 | 0.4 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** | *Pristimantis* sp. 14\_Ec\_Car\_LaBreta\_a\_DHMECN13329 | 5.9 | 5.6 | 5.6 | 5.8 | 5.6 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **7** | *Pristimantis* sp. 14\_Car\_VirgenNegra\_DHMECN13355\_DFMMyersijun | 5.9 | 5.6 | 5.6 | 5.7 | 5.6 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **8** | *Pristimantis* sp. 14\_Car\_VirgenNegra\_DHMECN13356\_DFMMyersijun | 5.9 | 5.5 | 5.5 | 5.6 | 5.5 | 0.1 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **9** | *Pristimantis* sp. 14\_Ec\_Car\_LaBreta\_a\_DHMECN13327 | 4.4 | 4.2 | 4.2 | 4.2 | 4.2 | 1.9 | 2.0 | 2.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **10** | *Pristimantis* sp. 14\_Car\_LaEsperanza\_DHMECN13645\_DFMMyersijun | 5.5 | 5.3 | 5.3 | 5.4 | 5.3 | 2.6 | 2.8 | 2.7 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11** | *Pristimantis* sp. 14\_Car\_LaEsperanza\_DHMECN13644\_DFMMyersijun | 5.4 | 5.1 | 5.1 | 5.3 | 5.1 | 2.5 | 2.6 | 2.6 | 0.0 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **12** | *Pristimantis* sp. 14\_Car\_LaEsperanza\_DHMECN13642\_DFMMyersijun | 5.4 | 5.2 | 5.2 | 5.3 | 5.2 | 2.5 | 2.6 | 2.5 | 0.0 | 0.1 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13** | *Pristimantis* sp. 14\_Car\_DBR375\_Myersijun | 6.0 | 5.9 | 5.9 | 6.0 | 5.9 | 2.6 | 2.8 | 2.8 | 0.2 | 0.3 | 0.2 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **14** | *Pristimantis* sp. 14\_Car\_DBR377\_Myersijun | 6.2 | 6.1 | 6.1 | 6.2 | 6.1 | 2.7 | 2.9 | 2.9 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15** | *Pristimantis* sp. 15\_Ec\_Car\_SanFranciscoPioter\_DBR360 | 8.4 | 8.0 | 8.0 | 8.2 | 8.0 | 6.3 | 6.4 | 6.4 | 4.7 | 6.3 | 6.1 | 6.1 | 6.2 | 6.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **16** | *Pristimantis* sp. 15\_Ec\_Car\_SanFranciscoPioter\_DHMECN\_13633 | 7.8 | 7.5 | 7.5 | 7.5 | 7.5 | 6.3 | 6.5 | 6.5 | 4.9 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17** | *Pristimantis* sp. 15\_Ec\_Car\_SanFranciscoPioter\_DHMECN13634 | 7.6 | 7.2 | 7.2 | 7.3 | 7.2 | 5.9 | 6.0 | 6.0 | 4.8 | 5.9 | 5.8 | 5.8 | 6.6 | 6.7 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |
| **18** | *Pristimantis* sp. 15\_Ec\_Car\_SanFranciscoPioter\_DHMECN13635 | 8.0 | 7.3 | 7.3 | 7.4 | 7.3 | 6.3 | 6.4 | 6.3 | 5.2 | 6.2 | 6.0 | 6.0 | 7.1 | 7.2 | 0.5 | 0.5 | 0.4 | – |   |  |  |  |  |  |  |  |  |  |  |  |
| **19** | *P. ocreatus* \_Ec\_Imb\_LagunaMojanda\_QCAZ42111 | 6.5 | 6.1 | 6.1 | 6.3 | 6.1 | 4.5 | 4.8 | 4.7 | 2.9 | 3.5 | 3.4 | 3.3 | 4.3 | 4.0 | 5.9 | 5.0 | 5.1 | 5.4 | – |   |  |  |  |  |  |  |  |  |  |  |
| **20** | *P. ocreatus* \_JX564889 | 6.5 | 6.2 | 6.1 | 6.3 | 6.7 | 4.4 | 4.5 | 4.5 | 2.9 | 3.5 | 3.4 | 3.4 | 4.3 | 4.0 | 5.9 | 5.0 | 5.1 | 5.4 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |
| **21** | *P. ocreatus* \_Ec\_Car\_Moran\_DBR412 | 7.8 | 7.5 | 7.5 | 7.7 | 7.5 | 4.9 | 5.1 | 5.1 | 3.7 | 4.1 | 4.0 | 4.0 | 4.2 | 3.8 | 6.5 | 6.0 | 6.3 | 6.8 | 0.8 | 0.8 | – |   |  |  |  |  |  |  |  |  |
| **22** | *P. ocreatus* \_Ec\_Car\_ViaTulcanMaldonado\_QCAZ43161 | 6.4 | 6.1 | 6.0 | 6.3 | 6.6 | 4.5 | 4.8 | 4.7 | 2.9 | 3.5 | 3.4 | 3.3 | 4.3 | 4.0 | 5.9 | 5.0 | 5.1 | 5.4 | 0.0 | 0.0 | 0.8 | – |   |  |  |  |  |  |  |  |
| **23** | *P. ocreatus* \_Ec\_Car\_ViaTulcanMaldonado\_QCAZ43162 | 6.4 | 6.1 | 6.0 | 6.3 | 6.4 | 4.5 | 4.8 | 4.7 | 2.9 | 3.5 | 3.4 | 3.3 | 4.3 | 4.0 | 5.9 | 5.0 | 5.1 | 5.4 | 0.0 | 0.0 | 0.8 | 0.0 | – |   |  |  |  |  |  |  |
| **24** | *P. ocreatus* \_Ec\_Car\_W\_Tulcan\_EF493682\_KU208508 | 6.6 | 6.3 | 6.2 | 6.4 | 6.8 | 4.7 | 4.8 | 4.7 | 3.1 | 3.6 | 3.5 | 3.5 | 4.5 | 4.2 | 5.9 | 5.1 | 5.2 | 5.5 | 0.1 | 0.1 | 0.9 | 0.1 | 0.1 | – |   |  |  |  |  |  |
| **25** | *P. ocreatus* \_Ec\_Car\_AguasEdiondas\_DHMECN13650 | 6.8 | 6.4 | 6.4 | 6.5 | 6.4 | 4.8 | 5.0 | 4.9 | 3.1 | 3.8 | 3.6 | 3.6 | 4.6 | 4.3 | 6.1 | 5.3 | 5.4 | 5.7 | 0.2 | 0.2 | 1.1 | 0.2 | 0.2 | 0.1 | – |   |  |  |  |  |
| **26** | *P. ocreatus* \_Ec\_Car\_AguasEdiondas\_DHMECN13669 | 6.5 | 6.1 | 6.1 | 6.4 | 6.1 | 4.5 | 4.7 | 4.7 | 3.1 | 3.7 | 3.5 | 3.5 | 4.3 | 4.0 | 5.9 | 5.0 | 5.1 | 5.5 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.1 | 0.3 | – |   |  |  |  |
| **27** | *P. ocreatus* \_Ec\_Car\_Potrerillos\_DBR270 | 6.8 | 6.4 | 6.4 | 6.4 | 6.4 | 4.7 | 4.8 | 4.7 | 3.1 | 3.8 | 3.7 | 3.6 | 4.6 | 4.3 | 6.3 | 5.3 | 5.4 | 5.7 | 0.3 | 0.3 | 1.1 | 0.3 | 0.3 | 0.4 | 0.5 | 0.3 | – |   |  |  |
| **28** | *P. ocreatus* \_Ec\_Car\_Potrerillos\_DBR271 | 6.9 | 6.5 | 6.5 | 6.5 | 6.5 | 4.9 | 5.0 | 4.9 | 3.2 | 4.1 | 4.0 | 4.0 | 5.0 | 4.7 | 6.0 | 5.4 | 5.4 | 5.6 | 0.5 | 0.5 | 1.4 | 0.5 | 0.5 | 0.6 | 0.8 | 0.5 | 0.3 | – |   |  |
| **29** | *P. ocreatus* \_Ec\_Car\_Potrerillos\_DBR272 | 6.6 | 6.3 | 6.3 | 6.3 | 6.3 | 4.6 | 4.7 | 4.6 | 2.9 | 3.6 | 3.5 | 3.5 | 4.5 | 4.2 | 6.1 | 5.1 | 5.2 | 5.5 | 0.1 | 0.1 | 0.9 | 0.1 | 0.1 | 0.3 | 0.4 | 0.1 | 0.1 | 0.4 | – |   |
| **30** | *P. ocreatus*\_Ec\_Car\_Potrerillos\_DBR273 | 6.8 | 6.2 | 6.2 | 6.4 | 6.2 | 4.8 | 4.9 | 4.8 | 3.3 | 4.0 | 3.9 | 3.9 | 4.8 | 4.5 | 6.3 | 5.4 | 5.5 | 5.7 | 0.4 | 0.4 | 1.2 | 0.4 | 0.4 | 0.5 | 0.6 | 0.4 | 0.1 | 0.4 | 0.3 | – |

**Table S7.** Uncorrected genetic distance (16S), subclade 5 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** |  |
| **1** | *Pristimantis gladiator*\_Ec\_Nap\_Papallacta\_MZUTI1117 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | *P. gladiator*\_Ec\_Nap\_Papallacta\_MZUTI1118 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3** | *P. gladiator* \_Ec\_Nap\_Papallacta\_MZUTI1122 | 0.0 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | *P. gladiator* \_Ec\_Nap\_Papallacta\_MZUTI1123 | 0.2 | 0.2 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** | *P. gladiator* \_Ec\_Nap\_Papallacta\_MZUTI\_1131 | 0.1 | 0.1 | 0.1 | 0.3 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** | *P. gladiator* \_Ec\_Nap\_Papallacta\_MZUTI1214 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **7** | *P. gladiator* \_Ec\_Nap\_GuangoLodge\_QCAZ18874 | 0.1 | 0.1 | 0.1 | 0.4 | 0.2 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **8** | *P. gladiator* \_Ec\_Nap\_GuangoLodge\_QCAZ18875 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **9** | *Pristimantis* sp. 16\_Ec\_TungurahuaChamana\_DHMECN14701 | 1.8 | 1.8 | 1.8 | 2.0 | 1.7 | 1.8 | 1.8 | 2.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **10** | *Pristimantis* sp. 16\_Ec\_TungurahuaChamana\_DHMECN14702 | 1.9 | 1.9 | 1.9 | 2.2 | 1.8 | 1.9 | 1.9 | 2.3 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11** | *Pristimantis* sp. 16\_Ec\_TungurahuaCandelaria\_DHMECN15824 | 1.7 | 1.7 | 1.7 | 1.9 | 1.5 | 1.7 | 1.7 | 2.1 | 0.6 | 0.7 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **12** | *Pristimantis* sp. 17\_Ec\_TungurahuaMachay\_DHMECN14446 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.5 | 2.0 | 2.2 | 2.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13** | *Pristimantis* sp. 17\_Ec\_TungurahuaMachay\_DHMECN14450 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.5 | 2.1 | 2.2 | 2.1 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **14** | *Pristimantis* sp. 17\_Ec\_Nap\_CordGuacamayos\_QCAZ40808 | 2.2 | 2.2 | 2.2 | 2.4 | 2.1 | 2.2 | 2.3 | 2.6 | 1.9 | 2.1 | 1.9 | 0.4 | 0.4 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15** | *Pristimantis* sp. 17\_Ec\_Nap\_PactoSumaco\_QCAZ41260 | 2.4 | 2.4 | 2.4 | 2.6 | 2.3 | 2.4 | 2.6 | 2.9 | 2.1 | 2.3 | 2.2 | 0.6 | 0.6 | 0.5 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **16** | *Pristimantis* sp. 17\_Ec\_Nap\_PactoSumaco\_QCAZ41305 | 2.4 | 2.4 | 2.4 | 2.6 | 2.3 | 2.4 | 2.6 | 2.9 | 2.1 | 2.3 | 2.2 | 0.6 | 0.6 | 0.5 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17** | *P. festae*\_Ec\_Imb\_LagunaPuruhanta\_QCAZ11677 | 2.1 | 2.1 | 2.1 | 2.3 | 2.2 | 2.1 | 2.2 | 2.5 | 1.8 | 1.9 | 1.5 | 2.2 | 2.2 | 2.0 | 2.2 | 2.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **18** | *P. festae* \_Ec\_Imb\_HdaZuleta\_QCAZ52628 | 2.1 | 2.1 | 2.1 | 2.3 | 2.2 | 2.1 | 2.2 | 2.5 | 1.8 | 1.9 | 1.8 | 2.4 | 2.4 | 2.2 | 2.2 | 2.2 | 0.9 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19** | *P. festae*\_Ec\_Imb\_HdaZuleta\_QCAZ52629 | 2.1 | 2.1 | 2.1 | 2.3 | 2.2 | 2.1 | 2.2 | 2.3 | 1.8 | 1.8 | 1.7 | 2.4 | 2.4 | 2.2 | 2.2 | 2.2 | 0.9 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **20** | *P. festae*\_Ec\_Pic\_CayambeCoca\_QCAZ49755 | 1.5 | 1.5 | 1.5 | 1.8 | 1.7 | 1.5 | 1.6 | 1.8 | 1.7 | 1.8 | 1.7 | 2.3 | 2.3 | 2.1 | 2.4 | 2.4 | 1.1 | 1.1 | 1.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21** | *P. festae*\_Ec\_Car\_LomaLaEsperanza\_DBR3839 | 2.1 | 2.1 | 2.1 | 2.5 | 2.3 | 2.1 | 2.1 | 2.3 | 2.3 | 2.3 | 2.0 | 2.6 | 2.6 | 2.5 | 2.8 | 2.8 | 1.0 | 1.3 | 1.1 | 1.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **22** | *P. festae*\_Ec\_Car\_SanFrancisco\_DBR354 | 2.2 | 2.2 | 2.2 | 2.6 | 2.4 | 2.2 | 2.2 | 2.4 | 2.4 | 2.4 | 2.0 | 2.7 | 2.7 | 2.6 | 2.9 | 2.9 | 1.0 | 1.4 | 1.2 | 1.0 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23** | *P. festae*\_Ec\_Car\_SanFrancisco\_DHMECN13640 | 2.2 | 2.2 | 2.2 | 2.5 | 2.4 | 2.2 | 2.3 | 2.4 | 2.1 | 2.2 | 2.0 | 2.5 | 2.5 | 2.4 | 2.6 | 2.6 | 1.2 | 1.5 | 1.5 | 1.1 | 0.2 | 0.2 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |
| **24** | *P. festae*\_Ec\_Car\_SanFrancisco\_DHMECN13641 | 2.1 | 2.1 | 2.1 | 2.3 | 2.2 | 2.1 | 2.1 | 2.2 | 1.9 | 2.1 | 1.8 | 2.3 | 2.3 | 2.2 | 2.4 | 2.4 | 1.1 | 1.3 | 1.3 | 1.0 | 0.0 | 0.0 | 0.1 | – |   |  |  |  |  |  |  |  |  |  |  |  |
| **25** | *P. festae*\_Ec\_Imb\_LagunaMojanda\_MZUTI1807 | 2.2 | 2.2 | 2.2 | 2.4 | 2.4 | 2.2 | 2.3 | 2.3 | 1.9 | 2.1 | 1.5 | 2.2 | 2.2 | 2.1 | 2.4 | 2.4 | 0.8 | 1.3 | 1.3 | 1.4 | 1.0 | 1.0 | 1.4 | 1.2 | – |   |  |  |  |  |  |  |  |  |  |  |
| **26** | *P. festae*\_Ec\_Imb\_LagunaMojanda\_QCAZ13667 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 2.8 | 2.8 | 2.7 | 2.4 | 2.5 | 2.1 | 2.6 | 2.6 | 2.7 | 2.9 | 2.9 | 1.3 | 1.8 | 1.8 | 1.9 | 1.5 | 1.5 | 1.8 | 1.7 | 0.3 | – |   |  |  |  |  |  |  |  |  |  |
| **27** | *P. festae*\_Ec\_Imb\_LagunaMojanda\_QCAZ13677 | 2.6 | 2.5 | 2.5 | 2.5 | 2.7 | 2.5 | 2.6 | 2.5 | 2.2 | 2.3 | 1.8 | 2.3 | 2.3 | 2.4 | 2.7 | 2.7 | 1.1 | 1.6 | 1.5 | 1.7 | 1.3 | 1.4 | 1.7 | 1.5 | 0.1 | 0.1 | – |   |  |  |  |  |  |  |  |  |
| **28** | *P. festae*\_Ec\_Imb\_LagunaMojanda\_QCAZ42109 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.4 | 2.3 | 2.5 | 2.0 | 2.2 | 1.7 | 2.0 | 2.1 | 2.3 | 2.5 | 2.5 | 1.0 | 1.5 | 1.5 | 1.5 | 1.1 | 1.2 | 1.5 | 1.3 | 0.1 | 0.4 | 0.2 | – |   |  |  |  |  |  |  |  |
| **29** | *P. festae*\_Ec\_Imb\_LagunaMojanda\_QCAZ42116 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.4 | 2.3 | 2.5 | 2.0 | 2.2 | 1.7 | 2.0 | 2.1 | 2.3 | 2.5 | 2.5 | 1.0 | 1.5 | 1.5 | 1.5 | 1.1 | 1.2 | 1.5 | 1.3 | 0.1 | 0.4 | 0.2 | 0.0 | – |   |  |  |  |  |  |  |
| **30** | *P. festae*\_Ec\_Imb\_13\_8\_km\_W\_Tabacundo\_EF493515\_KU218234) | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.3 | 2.4 | 2.3 | 2.0 | 2.1 | 1.5 | 2.2 | 2.2 | 2.2 | 2.4 | 2.4 | 0.8 | 1.3 | 1.2 | 1.5 | 1.0 | 1.0 | 1.4 | 1.2 | 0.0 | 0.3 | 0.1 | 0.2 | 0.2 | – |   |  |  |  |  |  |
| **31** | *P. festae*\_Ec\_Car\_ViaTulcanMaldonado\_QCAZ43164 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.4 | 2.3 | 2.5 | 2.0 | 2.2 | 1.7 | 2.3 | 2.3 | 2.3 | 2.5 | 2.5 | 1.0 | 1.5 | 1.5 | 1.5 | 1.1 | 1.2 | 1.5 | 1.3 | 0.1 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | – |   |  |  |  |  |
| **32** | *P. festae*\_Ec\_Nap\_ParamoGuamani\_QCAZ17950 | 2.6 | 2.5 | 2.5 | 2.5 | 2.7 | 2.5 | 2.6 | 2.5 | 2.2 | 2.3 | 1.8 | 2.3 | 2.3 | 2.4 | 2.7 | 2.7 | 1.3 | 1.8 | 1.7 | 1.7 | 1.5 | 1.5 | 1.6 | 1.5 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.6 | 0.7 | – |   |  |  |  |
| **33** | *P. festae*\_Ec\_Nap\_ParamoGuamani\_QCAZ49680 | 2.2 | 2.2 | 2.2 | 2.4 | 2.3 | 2.2 | 2.3 | 2.5 | 1.9 | 2.1 | 1.5 | 2.3 | 2.3 | 2.1 | 2.3 | 2.3 | 1.0 | 1.5 | 1.5 | 1.4 | 1.1 | 1.2 | 1.4 | 1.2 | 0.5 | 0.9 | 0.7 | 0.7 | 0.7 | 0.5 | 0.7 | 0.5 | – |   |  |  |
| **34** | *P. festae*\_Ec\_Nap\_ParamoGuamani\_QCAZ16405 | 2.3 | 2.3 | 2.3 | 2.5 | 2.4 | 2.3 | 2.3 | 2.5 | 1.9 | 2.1 | 1.6 | 2.3 | 2.3 | 2.2 | 2.4 | 2.4 | 1.1 | 1.6 | 1.6 | 1.4 | 1.1 | 1.0 | 1.4 | 1.2 | 0.5 | 0.9 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 0.5 | 0.2 | – |   |  |
| **35** | *P. festae*\_Ec\_Nap\_ParamoGuamani\_QCAZ16404 | 2.1 | 2.1 | 2.1 | 2.4 | 2.2 | 2.1 | 2.2 | 2.3 | 1.8 | 1.9 | 1.4 | 2.2 | 2.2 | 2.0 | 2.2 | 2.2 | 0.9 | 1.4 | 1.4 | 1.3 | 1.0 | 1.0 | 1.2 | 1.1 | 0.4 | 0.8 | 0.6 | 0.5 | 0.5 | 0.4 | 0.5 | 0.4 | 0.1 | 0.1 | – |   |
| **36** | *P. festae*\_Ec\_Pic\_Cayambe\_MZUTI4813 | 1.9 | 1.9 | 1.9 | 2.2 | 2.0 | 1.9 | 1.9 | 2.2 | 1.7 | 1.7 | 1.3 | 2.3 | 2.3 | 2.2 | 2.4 | 2.4 | 1.0 | 1.3 | 1.1 | 1.1 | 1.0 | 1.0 | 1.2 | 1.0 | 0.5 | 1.0 | 0.8 | 0.6 | 0.6 | 0.5 | 0.6 | 0.8 | 0.5 | 0.5 | 0.4 | – |

**Table S8.** Uncorrected genetic distance (16S), subclade 6 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** | *Pristimantis* sp. 18\_Ec\_Ore\_Dayuma\_MH516183\_QCAZ25589 | – |  |  |  |  |  |  |
| **2** | *Pristimantis* sp. 18\_Ec\_Car\_Moran\_DHMECN13332 | 0.2 | – |  |  |  |  |  |
| **3** | *Pristimantis* sp. 18\_Ec\_Car\_LaBretana\_DHMECN13328 | 0.2 | 0.0 | – |  |  |  |  |
| **4** | *Pristimantis* sp. 18\_Ec\_Car\_51\_3\_km\_W\_Tulcan\_EF493684\_KU218227 | 0.2 | 0.3 | 0.3 | – |  |  |  |
| **5** | *Pristimantis* sp. 18\_floridus\_Ec\_Car\_Moran\_DHMECN13336 | 6.0 | 3.6 | 3.7 | 3.9 | – |  |  |
| **6** | *Pristimantis* sp. 18\_Ec\_Car\_LaCentella\_TH639 | 6.6 | 6.8 | 6.8 | 6.6 | 7.1 | – |  |
| **7** | *Pristimantis* sp. 18\_Ec\_Car\_LaCentella\_TH668 | 4.4 | 2.7 | 3.2 | 3.2 | 5.8 | 5.2 | – |

**Table S9.** Uncorrected genetic distance (16S), subclade 7 of *Pristimantis myersi* group.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Terminals** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** | **38** |  |
| **1** | *Pristimantis hectus*\_Ec\_Car\_Dracula\_DHMECN14993 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | *P. hectus*\_Ec\_Car\_Dracula\_DHMECN14994 | 0.2 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3** | *P. hectus* \_Ec\_Car\_Dracula\_DHMECN15165 | 0.2 | 0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | *P. hectus* \_Ec\_Car\_Dracula\_DHMECN14991 | 0.2 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** | *P. hectus* \_Ec\_Car\_Dracula\_DHMECN15172 | 0.2 | 0.0 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** | *P. hectus* \_Ec\_Car\_Dracula\_DHMECN15167 | 0.3 | 0.2 | 0.3 | 0.2 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **7** | *P. hectus* \_Ec\_Car\_Dracula\_DHMECN15169 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **8** | *P. hectus* \_Ec\_Car\_RioChinambi\_DHMECN14888 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.7 | 0.4 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **9** | *P. hectus* \_Ec\_Car\_RioChinambi\_DHMECN14847 | 0.7 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **10** | *P. hectus* \_Ec\_Car\_RioChinambi\_DHMECN14861 | 0.7 | 0.5 | 0.7 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11** | *P. hectus* \_Ec\_Car\_RioChinambi\_DHMECN14887 | 0.7 | 0.5 | 0.7 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.0 | – |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **12** | *P. onorei*\_Ec\_Pic\_LasGralarias\_MZUTI2023 | 4.5 | 4.3 | 4.5 | 4.3 | 4.1 | 3.1 | 3.7 | 4.3 | 3.9 | 3.0 | 3.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2030 | 5.4 | 5.1 | 5.4 | 5.1 | 4.7 | 3.0 | 4.0 | 5.0 | 4.3 | 2.8 | 2.8 | 0.2 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **14** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI1465 | 4.7 | 4.6 | 4.7 | 4.7 | 4.4 | 3.7 | 4.3 | 4.7 | 4.5 | 3.4 | 3.4 | 0.3 | 0.4 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI1464 | 4.7 | 4.6 | 4.7 | 4.7 | 4.4 | 3.7 | 4.3 | 4.7 | 4.5 | 3.4 | 3.4 | 0.3 | 0.4 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **16** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI1467 | 4.4 | 4.2 | 4.4 | 4.4 | 4.1 | 3.5 | 4.0 | 4.4 | 4.1 | 3.1 | 3.2 | 0.6 | 0.7 | 0.5 | 0.5 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2037 | 5.7 | 5.5 | 5.7 | 5.5 | 5.3 | 4.1 | 5.0 | 5.5 | 5.3 | 4.0 | 4.0 | 0.9 | 0.4 | 1.1 | 1.1 | 0.8 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **18** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2038 | 5.8 | 5.7 | 5.8 | 5.1 | 5.5 | 5.1 | 6.2 | 5.1 | 6.4 | 4.2 | 4.3 | 0.8 | 0.2 | 2.1 | 2.1 | 2.1 | 0.1 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2024 | 4.2 | 3.9 | 4.2 | 3.9 | 3.7 | 2.6 | 3.2 | 3.9 | 3.4 | 2.4 | 2.5 | 0.4 | 0.2 | 0.5 | 0.5 | 0.4 | 0.2 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **20** | *P. onorei* \_Ec\_Pic\_Bellavista\_DHMECN6812 | 4.4 | 4.2 | 4.4 | 4.4 | 4.1 | 3.5 | 4.0 | 4.4 | 4.1 | 3.1 | 3.2 | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | 0.8 | 1.9 | 0.2 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21** | *P. onorei* \_Ec\_Pic\_Bellavista\_DHMECN6821 | 4.4 | 4.2 | 4.4 | 4.4 | 4.1 | 3.5 | 4.0 | 4.4 | 4.1 | 3.1 | 3.2 | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | 0.8 | 1.9 | 0.2 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **22** | *P. onorei* \_Ec\_Pic\_Bellavista\_DHMECN6815 | 4.4 | 4.2 | 4.4 | 4.4 | 4.1 | 3.5 | 4.0 | 4.4 | 4.1 | 3.1 | 3.2 | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | 0.8 | 1.9 | 0.2 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23** | *P. onorei* \_Ec\_Pic\_Bellavista\_DHMECN6813 | 4.4 | 4.2 | 4.4 | 4.4 | 4.1 | 3.5 | 4.0 | 4.4 | 4.1 | 3.1 | 3.2 | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | 0.8 | 1.9 | 0.2 | 0.0 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **24** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2031 | 4.5 | 4.3 | 4.5 | 4.3 | 4.1 | 3.9 | 3.8 | 4.3 | 4.1 | 3.8 | 3.4 | 1.7 | 2.4 | 1.5 | 1.5 | 1.5 | 1.7 | 1.7 | 1.8 | 1.3 | 1.3 | 1.3 | 1.3 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2032 | 5.2 | 4.8 | 5.2 | 4.8 | 4.4 | 3.3 | 3.7 | 4.7 | 4.0 | 3.1 | 2.8 | 0.9 | 0.7 | 1.1 | 1.1 | 0.9 | 0.7 | 0.5 | 0.5 | 0.7 | 0.7 | 0.7 | 0.7 | 1.6 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **26** | *P. onorei* \_Ec\_Pic\_LasGralarias\_MZUTI2035 | 4.2 | 3.9 | 4.1 | 3.9 | 3.6 | 2.6 | 3.1 | 3.8 | 3.3 | 2.5 | 2.5 | 0.4 | 0.2 | 0.4 | 0.4 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **27** | *P. onorei* \_Ec\_Imb\_Toisan\_MZUTI4241 | 4.3 | 4.2 | 4.3 | 4.2 | 4.0 | 3.2 | 3.7 | 4.4 | 4.2 | 3.2 | 3.2 | 1.2 | 1.5 | 1.2 | 1.2 | 0.9 | 1.8 | 1.8 | 1.1 | 0.9 | 0.9 | 0.9 | 0.9 | 2.2 | 1.8 | 0.9 | – |  |  |  |  |  |  |  |  |  |  |  |  |
| **28** | *P. onorei* \_Ec\_Imb\_Toisan\_MZUTI4244 | 4.4 | 4.2 | 4.4 | 4.2 | 4.1 | 3.4 | 4.0 | 4.4 | 4.3 | 3.2 | 3.2 | 1.2 | 1.5 | 1.2 | 1.2 | 1.0 | 1.8 | 2.9 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 2.2 | 1.8 | 0.9 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |  |
| **29** | *P. onorei* \_Ec\_Imb\_Toisan\_MZUTI4243 | 4.4 | 4.2 | 4.4 | 4.2 | 4.1 | 3.4 | 4.0 | 4.4 | 4.3 | 3.2 | 3.2 | 1.2 | 1.5 | 1.2 | 1.2 | 1.0 | 1.8 | 2.9 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 2.2 | 1.8 | 0.9 | 0.0 | 0.0 | – |  |  |  |  |  |  |  |  |  |  |
| **30** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2063 | 4.2 | 4.0 | 4.2 | 4.0 | 3.8 | 3.2 | 3.5 | 3.8 | 3.6 | 2.9 | 2.9 | 1.1 | 1.4 | 1.2 | 1.2 | 0.9 | 1.6 | 1.4 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.2 | 0.9 | 0.9 | 0.9 | 0.9 | – |  |  |  |  |  |  |  |  |  |
| **31** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2094 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.4 | 1.9 | 1.4 | 1.4 | 1.2 | 1.9 | 1.7 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.7 | 1.3 | 0.9 | 0.9 | 0.9 | 0.3 | – |  |  |  |  |  |  |  |  |
| **32** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2095 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.4 | 1.9 | 1.4 | 1.4 | 1.1 | 1.9 | 1.7 | 1.3 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.7 | 1.3 | 0.9 | 0.9 | 0.9 | 0.3 | 0.0 | – |  |  |  |  |  |  |  |
| **33** | *P. onorei* \_Ec\_Cot\_Otonga\_QCAZ12288 | 4.2 | 4.1 | 4.2 | 4.2 | 3.9 | 3.5 | 3.8 | 4.0 | 3.8 | 3.0 | 3.0 | 1.2 | 1.6 | 1.1 | 1.1 | 0.8 | 1.7 | 2.8 | 1.1 | 0.8 | 0.8 | 0.8 | 0.8 | 1.7 | 1.9 | 1.1 | 0.7 | 0.8 | 0.8 | 0.1 | 0.1 | 0.1 | – |  |  |  |  |  |  |
| **34** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2070 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.1 | 0.1 | 0.1 | 0.0 | – |  |  |  |  |  |
| **35** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2088 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | – |  |  |  |  |
| **36** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2093 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | – |  |  |  |
| **37** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2075 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | – |  |  |
| **38** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2066 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | – |  |
| **39** | *P. onorei* \_Ec\_Cot\_Otonga\_MZUTI2092 | 4.4 | 4.2 | 4.4 | 4.2 | 4.0 | 3.3 | 3.7 | 4.0 | 3.8 | 3.0 | 3.0 | 1.3 | 1.6 | 1.3 | 1.3 | 1.0 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | – |