**Appendix II.**

**Gene sequences for molecular analyses**

GenBank accession numbers for the taxa and genes sampled in this study. Voucher ROM 43978 was previously identified as *Pristimantis zeuctotylus* by Hedges et al. (2008a), but is treated herein as *Pristi­mantis* sp. following Padial et al. (2014).

|  |  |  |
| --- | --- | --- |
| ***Species*** | **Voucher** | **16S** |
| *Niceforonia dolops* | -- | EF493394.1 |
| *P. acerus* | KU 217786 | EF493678.1 |
| *P. achupalla sp. n.* | MUBI 17605 | MW724812 |
| *P. achupalla sp. n.* | MUBI 17604 | MW724813 |
| *P. altamazonicus* | KU 215460 | EF493670.1 |
| *P. angustilineatus* | UVC 15828 | JN371034.1 |
| *P. appendiculatus* | KU177637 | EF493524.1 |
| *P. aureolineatus* | QCAZ 42286 | MT636530 |
| *P. boulengeri* | MHUAA 8951 | KU724435.1 |
| *P. brevifrons* | nrps 0059 | JN991433.1 |
| *P. bromeliaceus* | QCAZ 16699 | MT636527 |
|  | QCAZ 62940 | MT636523 |
| *P. calcarulatus* | KU 177658 | EF493523.1 |
| *P. cedros* | MZUTI 1713 | KT210155.1 |
| *P. cf. mendax* | MTD 45080 | EU186659.1 |
| *P. cf. olivaceus* | MNP-P6V74067 | MW075410.1 |
|  | CORBIDI 17473 | KX155579 |
|  | MUBI 17676 | MW724814 |
| *P. cosnipatae* | MHNG 2606.72 | MW724815 |
| *P. crucifer* | KU 177733 | EU186718.1 |
| *P. danae* | MVZ 272358 | KY652661 |
| *P. diadematus* | KU 221999 | EU186668.1 |
| *P. dorsopictus* | MHUAA7638 | KP082874.1 |
| *P. ecuadorensis* | CJ 5350 | KX785343 |
|  | CJ 5351 | KX785344 |
| *P. enigmaticus* | QCAZ 40918 | MT636520 |
| *P. erythropleura* | nrps 0055 | JN991445.1 |
| *P. galdi* | QCAZ 32368 | EU186670.1 |
| *P. glandulosus* | KU 218002 | EF493676.1 |
| *P. imitatrix* | KU 215476 | EF493667.1 |
| *P. jaguensis* | MHUAA 7249 | KP082870.1 |
| *P. jorgevelosai* | JDL 26123 | DQ195461.1 |
| *P. lacrimosus* | QCAZ 55238 | MT636518 |
|  | QCAZ 59474 | MT636517 |
|  | QCAZ 40261 | MT636524 |
|  | QCAZ 59469 | MT636516 |
| *P. lindae* | MUSM 27902 | KY652653 |
| *P. limoncochensis* | QCAZ 43794 | MT636525 |
|  | QCAZ 19180 | MT636532 |
| *P. melanogaster* | -- | EF493664.1 |
| *P. mindo* | MZUTI 1382 | KF801584.1 |
|  | MZUTI 1381 | KF801583.1 |
|  | QCAZ 56512 | MT636522 |
|  | MZUTI 1756 | KF801581.1 |
|  | QCAZ 42197 | MT636531 |
| *P. moro* | AJC 1860 | JN991454.1 |
|  | AJC 1753 | JN991453.1 |
| *P. nankints* | QCAZ 69137 | MT636514 |
| *P. nyctophylax* | KU 177812 | EF493526.1 |
|  | QCAZ 32288 | MT636519 |
| *P. omeviridis* | QCAZ 10564 | MK881398 |
|  | QCAZ 19664 | EU13057 |
| *P. ockendeni* | RVM 5.12 | KY652654 |
| *P. orcesi* | KU 218021 | EF493679.1 |
| *P. ornatissimus* | MZUTI 4798 | KU720463 |
|  | MZUTI 4806 | KX785341 |
|  | MZUTI 4807 | KX785342 |
| *P. pahuma* | MZUTI 493 | KT210158.1 |
| *P. petrobardus* | KU212293 | EF493367.1 |
| *P. pharangobates* | MVZ 272360 | KY652655 |
| *P. platydactylus* | MNCN 5524 | EU192255.1 |
| *P. pluvialis* | CORBIDI 11862 | KX155577 |
|  | CORBIDI 16695 | KX155578 |
| *P. pulchridormientes* | CORBIDI 15566 | KX664107 |
|  | CORBIDI 15563 | KX664106 |
| *P. pulvinatus* | KU 181015 | EF186723.1 |
| *P. pycnodermis* | KU 218028 | EF493680.1 |
| *P. reichlei* | CORBIDI 16219 | KY652657 |
| *P. ridens* | AMNHA 124551 | EF493355.1 |
| *P. romeroae* | QCAZ 41121 | MT636528 |
| *P. rubicundus* | QCAZ 58932 | MT372670 |
| *P. salaputium* | MUSM 27916 | KY652658.1 |
| *P. schultei* | KU 212220 | EF493681.1 |
| *Pristimantis* sp. | CORBIDI 12183 | MW817091 |
| *P. subsigillatus* | MECN 10117 | KF801580.1 |
| *P. toftae* | AC 107.07 | KY652659 |
| *P. urani* | MHUAA 7471 | KU724442.1 |
| *P. viejas* | EMM247 | JN991477.1 |
| *Pristimantis sp.* | ROM 43978 | EU186678.1 |
|  | KU 291702 | EF493351.1 |
|  | QCAZ 60398 | MT636515 |
|  | QCAZ 58956 | MT636526 |
| *P. zophus* | nrps 0072 | JN991478.1 |
| *P. zorro* | MHUAA 8816 | MT747835 |
|  | MHUAA 8814 | MT747834 |