**S1 Table** Genbank accession numbers for NaV1.4 DI-S6 and mtDNA (12S, 16S, ND1, and ND2) sequences used in this study. Previously published sequences were derived from references [1–5].

|  |  |  |
| --- | --- | --- |
| **Species** | **Nav1.4 DI-S6** | **mtDNA** |
| *Allobates femoralis* | KT989177 | HQ290951 |
| *Allobates talamancae* | KT989178 | HQ290974 |
| *Allobates zaparo* | KT989179 | HQ291003 |
| *Ameerega bilinguis* | KT989180 | HQ290996 |
| *Ameerega hahneli* | KT989181 | HQ290998 |
| *Ameerega parvula* | KT989182 | HQ290999 |
| *Bufo (=Incilius) nubiuifer* | KT989172 | HQ290945 |
| *Colostethus panamansis* | KT989193 | HQ290968 |
| *Dendrobates (=Excidobates) captivus* | KT989186 | HQ290982 |
| *Dendrobates (=Oophaga) pumilio* | TBD | HQ290988 |
| *Dendrobates auratus* | TBD | HQ290980 |
| *Dendrobates granuliferus (=Oophaga granulifera)* | TBD | DQ502035 |
| *Dendrobates tinctorius* | KT989189 | HQ290991 |
| *Epipedobates anthonyi* | KT989195 | HQ290995 |
| *Epipedobates boulengeri* | KT989196 | HQ290997 |
| *Epipedobates darwinwallacei* | KT989197 | HQ291000 |
| *Epipedobates machalila* | KT989198 | HQ290964 |
| *Epipedobates tricolor* | KT989199 | HQ291001 |
| *Espadarana callistomma* | KT989175 | EU663340, EU663076, EU662981 |
| *Gastrotheca litonedis* | KT989173 | DQ679247, KJ489515 |
| *Hyloxalus italoi* | KT989184 | HQ290972 |
| *Hyloxalus nexipus* | KT989185 | HQ290965 |
| *Lithodytes lineatus* | KT989174 | HQ290949 |
| *Phyllobates terribilis* | KT989191 | HQ291006 |

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