**Table 1** List of available anuran species, their families and respective accession number for the Sequence Read Archive data (SRAs) included in our study.

|  |  |  |
| --- | --- | --- |
| **Families** | **Anuran species** | **Access number SRAs** |
| Ranidae | *Sylvirana latouchii* | SRR5248584 |
| *Rana temporaria* | SRR2226373 |
| *Amolops chunganensis* | SRR3929656 |
| *Amolops mantzorum* | SRR5248586 |
| *Lithobates catesbeianus* | SRR6218679 |
| Pipidae | *Xenopus laevis* | SRR3210972 |
| *Xenopus tropicalis* | SRR5110208 |
| *Xenopus borealis* | SRR6357673 |
| *Pipa parva* | SRR9309203 |
| *Hymenochirus boettgeri* | SRR9309200 |
| Hylidae | *Hyla arborea* | SRR2157967 |
| *Hyla chinensis* | SRR5248585 |
| *Agalychnis moreletii* | SRR8327212 |
| Scaphiopodidae | *Spea bombifrons* | SRR9140157 |
| *Spea multiplicata* | SRR9140156 |
| *Scaphiopus couchii* | SRR9140160 |
| *Scaphiopus holbrookii* | SRR5749792 |
| Dicroglossidae | *Quasipaa boulengeri* | SRR3929655 |
| *Nanorana parkeri* | SRR1231543 |
| Dendrobatidae | *Oophaga pumilio* | *SRR7627575* |
| Família Hylodidae | *Hylodes meridionals* | SRR2132056 |
| Rhacophoridae | *Rhacophorus chenfui* | SRR5248583 |
| Bufonidae | *Rhinella marina* | ERR2838475 |
| Pyxicephalidae | *Amietia hymenopus* | SRR7097947 |