**Supplementary Table 2**

List of vertebrate species mapped with PcP190 and their access number to the Sequence Read Archive data (SRAs).

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| --- | --- |
| **Species / Orders** | **Access number SRAs** |
| *Anolis carolinensis*  (Squamata) | *SRR5813770* |
| *Colossoma macropomum*  (Characiformes) OK | *SRR11808597* |
| *Latimeria chalumnae* (Coelacanthiformes)OK | *DRR003686* |
| *Boa constrictor*  *(*Squamata/subordem: Ophidia *)* | *SRR8772355* |
| *Gallus gallus* (Galliformes) | *ERR5037286* |
| *Salamandra atra* (Caudata) | *ERR4083992* |
| *Mus musculus* (Rodentia) | *SRR12997646* |