

Supplementary file 1

Species	Accession numbers
<i>Pleurodeles waltl</i>	MNHN-Histos 2363; 2368; 2375; 2379; 2380; 2385
<i>Chelodina oblonga</i>	MNHN-Histos 2393; 2395; 2397
<i>Anas platyrhynchos</i>	MNHN-Histos 2527; 2529; 2531; 2533
<i>Crocodylus niloticus</i>	MNHN-Histos 2463; 2465; 2467
<i>Varanus exanthematicus</i>	MNHN-Histos 2426; 2428; 2430
<i>Pelodiscus sinensis</i>	MNHN-Histos 2557; 2559; 2561; 2563; 2565
<i>Mus musculus</i>	MNHN-Histos 2588; 2590; 2592; 2594; 2596
<i>Gallus gallus</i>	MNHN-Histos 2652; 2653; 2654
<i>Cavia porcellus</i>	MNHN-Histos 2500; 2502; 2504
<i>Varanus niloticus</i>	MNHN-Histos 2410; 2412
<i>Trachemys scripta</i>	MNHN-Histos 2619; 2621; 2623; 2625; 2627
<i>Microcebus murinus</i>	MNHN-Histos 2664
<i>Zootoca vivipara</i>	MNHN-Histos 2483; 2485; 2487; 2489
<i>Podarcis muralis</i>	MNHN-Histos 2452; 2454; 2456; 2458
<i>Capreolus capreolus</i>	MNHN-Histos 2674
<i>Lepus europaeus</i>	MNHN-Histos 2682
<i>Oryctolagus cuniculus</i>	MNHN-Histos 2688
† <i>Oudenodon bainii</i>	MNHN-Histos 2694; 2698
† <i>Lystrosaurus</i> sp.	MNHN-Histos 2704; 2710; 2711
† <i>Dimetrodon</i> sp.	MNHN-Histos 2712; 2713
† <i>Sphenacodon</i> sp.	MNHN-Histos 462
† <i>Edaphosaurus boanerges</i>	MNHN-Histos 463
† <i>Mycterosaurus</i> sp.	MNHN-Histos 464
† <i>Clepsydrops collettii</i>	MNHN-Histos 556
† <i>Ophiacodon uniformis</i>	MNHN-Histos 1917

List of accession numbers for the thin sections of studied species. All of them are available at the vertebrate hard tissues histological collection of the French Museum National d'histoire Naturelle.