**Supplemental material 10: scaphoid comparative**

Right scaphoids of early Cainozoic carnivorous eutherians in proximal view. **A**, viverravid *Didymictis protenus* (USGS 25038), **B**, ‘miacid’ *Vulpavus australis* (USGS 5025), **C**, hyaenodontid *Tritemnodon agilis* (USNM 361351), **D**, oxyaenid *Oxyaena* sp. (USGS 16485, reversed from the left side). In **A**, the lunate is present lateral to the scaphoid and has been made partially transparent.

