**Supplemental material 13: calcaneus comparative**

Right calcanei of early Cainozoic carnivorous eutherians in (top to bottom) dorsal, medial, and distal views. **A**, viverravid *Didymictis protenus* (USGS 27585), **B**, ‘miacids’ *Vulpavus australis* (USNM 510879, reversed from left side) (top image) and *Uintacyon massetericus* (uncataloged specimen from USGS locality D-1460Q, reversed from left side) (bottom three images), **C**, hyaenodontid *Prototomus martis* (USNM 509700), **D**, oxyaenid *Oxyaena* sp. (USNM 533466, reversed from left side), **E**, machaeroidine (CM 2386).

