

A



C



E



B



D



F



G



H



Figure S2. Rodents (A–D) and marsupials (E–H) from Quebrada Fiera (Mendoza Province, Argentina). A–B, left p4 MCNAM-PV 4966 respectively of the chinchilloid *Incamys bolivianus* in occlusal and anterolateral views; C–D, left m1 or m2 MCNAM-PV 4700 of the chinchilloid *Cephalomys* sp. in occlusal and posterior views respectively; E–F, left mandible MCNAM-PV 3958 of the Metatheria *Fieratherium sorex* in lateral and occlusal views, respectively (Forasiepi *et al.* 2014); G–H, right maxilla MLP 79-XII-18-1 of the Borhyaenidae *Proborhyaena gigantea* in lateral and occlusal views, respectively. Scale bars represent 10mm for rodents and *Fieratherium* (top) and 100 mm for *Proborhyaena* (bottom).