

## A new species of the highly polytypic South American rodent *Ctenomys* increases the diversity of the *magellanicus* clade

### Supplementary material 4, Table S4. Fossil constraints

Species	Age	Node
† <i>Sallamys pascuali</i>	25.0 Ma	<sup>a</sup> Ctenomyidae-Octodontidae
† <i>C. latidens</i>	0.78 Ma	<sup>b</sup> Crown <i>Ctenomys</i>
† <i>C. subassentiens</i>	<0.78 Ma	<sup>c</sup> <i>frater</i> group

#### <sup>a</sup>Node Ctenomyidae/Octodontidae

Calibration constraint: †*Sallamys pascuali*, 25.0 Ma (> 25.0 Ma; na/ magnetostratigraphy, mst), late Oligocene (Deseadan SALMA), Salla-Luribay, Bolivia (Kay *et al.*, 1998).

\*Offset=25.0 Ma, M=1.0, S=0.76 (LogNormal distribution) (median=27.7 Ma, 97.5% quantile=37.1 Ma). The range of distribution was selected to extend back to the latest early Oligocene (La Cantera, Vucetich *et al.*, 2010) where no member of this calibrated node is recorded.

#### <sup>b</sup>Node Crown *Ctenomys*

Calibration constraint: †*Ctenomys latidens*, 0.78 Ma, early Pleistocene (Quaternary) (Tonni *et al.* 1996); Soibelzon *et al.* 2019).

\*Offset=0.78 Ma, Alpha=2.0, Beta=0.2 (Gamma distribution) (median=1.12 Ma, 97.5% quantile=1.89 Ma).

#### <sup>c</sup>Node *frater* group

Calibration constraint: †*Ctenomys subassentiens*, 0.78 Ma (< 0.78 Ma), early Pleistocene (Quaternary) (MacFadden *et al.* 1983; MacFadden 2013).

\*Offset=0.78 Ma, Alpha=2.0, Beta=0.1 (Gamma distribution) (median=0.948 Ma, 97.5% quantile=1.34 Ma).

## References

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