

Additional file 4 for

Total-evidence phylogeny reveals recent crown group radiation and biogeographical history of hamsters

Moritz Dirnberger¹, Pablo Peláez-Campomanes², Tiago R. Simões³, Raquel López-Antoñanzas^{1, 2}

¹Institut des Sciences de l'Évolution de Montpellier, Université de Montpellier, CNRS, IRD, 34095 Montpellier, France

²Departamento de Paleobiología, Museo Nacional de Ciencias Naturales-CSIC, Madrid, Spain

³Department of Ecology and Evolutionary Biology, Princeton University, Briger Hall, Princeton-NJ, 08544, USA.

GenBank accession numbers for the total-evidence analysis

For the molecular part of the total-evidence matrix, sequences were downloaded from GenBank [396], with accession numbers given in Table S3.

Table S3. GenBank accession numbers of the sequences used for the phylogenetic reconstruction of this study.

Species	Genes					
	<i>cytb</i> ¹	<i>vWF</i> ¹	<i>IRBP</i> ²	<i>GHR</i> ²	<i>RAG1</i> ²	<i>BRCA1</i> ²
<i>Allocricetulus eversmanni</i>	AJ973378	AM000037	MG685575	MG685554	MG685595	MG685515
<i>Cricetulus barabensis</i>	AJ973384	AM000043	MG685585	MG685564	MG685605*	MG685525
<i>Cricetulus longicaudatus</i>	AJ973386	AM000045	MG685581	MG685560	MG685601*	MG685521
<i>Cricetus cricetus</i>	AJ973392	AM000051	MG685574	MG685553	MG685594	MG685514
<i>Mesocricetus auratus</i>	AJ973379	AM000038	AY163591 ³	AF540632 ⁴	AY294955 ⁵	AY295013 ⁵

<i>Mesocricetus brandti</i>	AJ973380	AM000039	MG685572	MG685551	MG685592	MG685512
<i>Mesocricetus newtoni</i>	AJ973381	AM000040	-	-	-	-
<i>Nothocricetulus migratorius</i>	AJ973387	AM000046	MG685577	MG685556	MG685597	MG685517
<i>Phodopus campbelli</i>	AJ973389	AM000048	-	-	-	-
<i>Phodopus roborovskii</i>	AJ973391	AM000050	MG685571	MG685550	MG685591	MG685510
<i>Phodopus sungorus</i>	AJ973390	AM000049	KC953439 ⁶	AF540640 ⁴	AY294954 ⁵	AY295012 ⁵
<i>Tscherskia triton</i>	AJ973388	AM000047	MG685573	MG685552	MG685593	MG685513
<i>Urocrinetus kamensis</i>	MG685546 ⁷	MG685616 ⁷	MG685569	MG685548	MG685590	MG685528

The sequences in bold of *IRBP*, *GHR*, *RAG1*, *BRCA1* for *Cricetulus barabensis* are taken from subspecies *C. b. pseudogriseus*, following Jiang et al. [8].

*The accession numbers given in Lebedev et al. [7] for *RAG1* of *C. b. pseudogriseus* and *C. longicaudatus* refer to other species and genes in GenBank. Therefore, MG685605 and MG685601 are taken, which are also created by Lebedev et al. [7] (but not mentioned in their paper).

¹*cytb*, *vWF* from Neumann et al. [12], except for *U. kamensis*

²*IRBP*, *GHR*, *RAG1*, *BRCA1* from Lebedev et al. [7], except for *M. auratus* and *P. sungorus* (here, see [399])

³Weksler [397]

⁴Adkins et al. [398]

⁵Steppan et al. [101]

⁶Schenk et al. [399]

⁷Lebedev et al. [7]