

Late Cretaceous relatives of rabbits, rodents, and other

Nature

414, 62-65

DOI: [10.1038/35102048](https://doi.org/10.1038/35102048)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dating branches on the tree of life using DNA. <i>Genome Biology</i> , 2001, 3, reviews0001.1.	9.6	31
2	Resolution of the Early Placental Mammal Radiation Using Bayesian Phylogenetics. <i>Science</i> , 2001, 294, 2348-2351.	12.6	1,215
3	Mammalian mitogenomic relationships and the root of the eutherian tree. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8151-8156.	7.1	356
4	Mitogenomic analyses of eutherian relationships. <i>Cytogenetic and Genome Research</i> , 2002, 96, 20-32.	1.1	74
5	Rodent Phylogeny and a Timescale for the Evolution of Glires: Evidence from an Extensive Taxon Sampling Using Three Nuclear Genes. <i>Molecular Biology and Evolution</i> , 2002, 19, 1053-1065.	8.9	305
6	The Wilhelmine E. Key 2001 Invitational Lecture. Estimation of Divergence Times for a Few Mammalian and Several Primate Species. , 2002, 93, 157-164.		59
7	Mutation rates in mammalian genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 803-808.	7.1	528
8	The earliest known eutherian mammal. <i>Nature</i> , 2002, 416, 816-822.	27.8	410
9	Local Molecular Clocks in Three Nuclear Genes: Divergence Times for Rodents and Other Mammals and Incompatibility Among Fossil Calibrations. <i>Journal of Molecular Evolution</i> , 2003, 57, S201-S213.	1.8	92
10	Timing and biogeography of the eutherian radiation: fossils and molecules compared. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 350-359.	2.7	85
11	Revisiting the Glires conceptâ€”phylogenetic analysis of nuclear sequences. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 320-327.	2.7	38
12	Late Cretaceous Mammal Tracks from North America. <i>Ichnos</i> , 2003, 10, 269-276.	0.5	31
13	THE OSTEOLOGY OF RHOMBOMYLUS (MAMMALIA, GLIRES): IMPLICATIONS FOR PHYLOGENY AND EVOLUTION OF GLIRES. <i>Bulletin of the American Museum of Natural History</i> , 2003, 275, 1-247.	3.4	140
14	Major mammalian clades: a review under consideration of molecular and palaeontological evidence. <i>Mammalian Biology</i> , 2003, 68, 1-15.	1.5	11
15	THE INTERFACE OF PALEONTOLOGY AND MAMMALOLOGY: PAST, PRESENT, AND FUTURE. <i>Journal of Mammalogy</i> , 2003, 84, 347-353.	1.3	10
16	Mammals from the Upper Cretaceous Aitym Formation, Kyzylkum Desert, Uzbekistan. <i>Cretaceous Research</i> , 2003, 24, 171-191.	1.4	27
17	An Early Cretaceous Tribosphenic Mammal and Metatherian Evolution. <i>Science</i> , 2003, 302, 1934-1940.	12.6	340
18	Covariation in Frequencies of Substitution, Deletion, Transposition, and Recombination During Eutherian Evolution. <i>Genome Research</i> , 2003, 13, 13-26.	5.5	263

#	ARTICLE	IF	CITATIONS
19	Congruent Mammalian Trees from Mitochondrial and Nuclear Genes Using Bayesian Methods. <i>Molecular Biology and Evolution</i> , 2003, 21, 397-403.	8.9	111
20	Postcranial skeleton of <i>Ukhaatherium nessovi</i> (Eutheria, Mammalia) from the Late Cretaceous of Mongolia. <i>Journal of Vertebrate Paleontology</i> , 2003, 23, 857-868.	1.0	28
21	Estimation of Divergence Times for Major Lineages of Primate Species. <i>Molecular Biology and Evolution</i> , 2003, 20, 424-434.	8.9	345
22	Taking the Pulse of the Cambrian Radiation. <i>Integrative and Comparative Biology</i> , 2003, 43, 229-237.	2.0	39
23	The Late Cretaceous placental mammal <i>Kulbeckia</i> . <i>Journal of Vertebrate Paleontology</i> , 2003, 23, 404-419.	1.0	28
24	Placental mammal diversification and the Cretaceous-Tertiary boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1056-1061.	7.1	767
25	Time scale of eutherian evolution estimated without assuming a constant rate of molecular evolution.. <i>Genes and Genetic Systems</i> , 2003, 78, 267-283.	0.7	134
26	NEW SPECIMEN OF DELTATHEROIDES CRETACICUS (METATHERIA, DELTATHEROIDA) FROM THE LATE CRETACEOUS OF MONGOLIA. <i>Bulletin of Carnegie Museum of Natural History</i> , 2004, 36, 245-266.	1.0	33
27	Rabbits, if anything, are likely Glires. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 922-935.	2.7	45
28	Molecules consolidate the placental mammal tree. <i>Trends in Ecology and Evolution</i> , 2004, 19, 430.	8.7	1
29	NEW DATA ON THE SKULL AND DENTITION IN THE MONGOLIAN LATE CRETACEOUS EUTHERIAN MAMMAL <i>ZALAMBDALESTES</i> . <i>Bulletin of the American Museum of Natural History</i> , 2004, 281, 1-144.	3.4	110
30	THE EFFECT OF EXTERNAL AND INTERNAL FOSSIL CALIBRATIONS ON THE AVIAN EVOLUTIONARY TIMESCALE. <i>Journal of Paleontology</i> , 2004, 78, 45-50.	0.8	32
31	Chapter 7: Phylogeny and Divergence of Basal Glires. <i>Bulletin of the American Museum of Natural History</i> , 2004, 285, 93-109.	3.4	14
32	Molecules consolidate the placental mammal tree. <i>Trends in Ecology and Evolution</i> , 2004, 19, 430-438.	8.7	376
33	The rise of birds and mammals: are microevolutionary processes sufficient for macroevolution?. <i>Trends in Ecology and Evolution</i> , 2004, 19, 516-522.	8.7	62
34	Afrotherian Origins and Interrelationships: New Views and Future Prospects. <i>Current Topics in Developmental Biology</i> , 2004, 63, 37-60.	2.2	50
35	Molecular clocks: four decades of evolution. <i>Nature Reviews Genetics</i> , 2005, 6, 654-662.	16.3	329
36	Molecular dating: ape bones agree with chicken entrails. <i>Trends in Genetics</i> , 2005, 21, 89-92.	6.7	33

#	ARTICLE	IF	CITATIONS
37	Deep Time and the Search for Anthropoid Origins. American Journal of Physical Anthropology, 2005, 128, 60-95.	2.1	69
38	Mitogenomic Analyses Place the Gharial (<i>Gavialis gangeticus</i>) on the Crocodile Tree and Provide Pre-K/T Divergence Times for Most Crocodylians. Journal of Molecular Evolution, 2005, 61, 620-626.	1.8	71
39	Mammalian Faunal Succession in the Cretaceous of the Kyzylkum Desert. Journal of Mammalian Evolution, 2005, 12, 9-22.	1.8	32
40	Stem Lagomorpha and the Antiquity of Glires. Science, 2005, 307, 1091-1094.	12.6	165
41	Evolution of duplications in the transferrin family of proteins. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 140, 11-25.	1.6	116
42	Mammals from the mid-Cretaceous Khodzhaikul Formation, Kyzylkum Desert, Uzbekistan. Cretaceous Research, 2005, 26, 593-608.	1.4	43
43	HOROLODECTES SUNAE, AN ENIGMATIC MAMMAL FROM THE LATE PALEOCENE OF ALBERTA, CANADA. Journal of Paleontology, 2006, 80, 1009-1025.	0.8	9
44	Paleontological Evidence to Date the Tree of Life. Molecular Biology and Evolution, 2006, 24, 26-53.	8.9	834
45	Paleobiogeography of Africa: How distinct from Gondwana and Laurasia?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 241, 224-246.	2.3	237
46	Spiny Norman in the Garden of Eden? Dispersal and early biogeography of Placentalia. Journal of Mammalian Evolution, 2006, 13, 89-123.	1.8	30
47	Cretaceous Therian Tarsals and the Metatherian-Eutherian Dichotomy. Journal of Mammalian Evolution, 2006, 13, 171-210.	1.8	23
48	The mammal fauna in the Early Cretaceous Jehol Biota: implications for diversity and biology of Mesozoic mammals. Geological Journal, 2006, 41, 439-463.	1.3	23
49	Mass survivals. Nature, 2007, 446, 501-502.	27.8	5
50	Sex, flies and acetate. Nature, 2007, 446, 502-504.	27.8	6
51	Cretaceous eutherians and Laurasian origin for placental mammals near the K/T boundary. Nature, 2007, 447, 1003-1006.	27.8	262
52	Transformation and diversification in early mammal evolution. Nature, 2007, 450, 1011-1019.	27.8	455
53	Mammalian evolution and biomedicine: new views from phylogeny. Biological Reviews, 2007, 82, 375-392.	10.4	86
54	A web-database of mammalian morphology and a reanalysis of placental phylogeny. BMC Evolutionary Biology, 2007, 7, 108.	3.2	72

#	ARTICLE	IF	CITATIONS
55	Phylogenetic analyses of complete mitochondrial genome sequences suggest a basal divergence of the enigmatic rodent <i>Anomalurus</i> . <i>BMC Evolutionary Biology</i> , 2007, 7, 16.	3.2	45
56	Re-crowning mammals. <i>Nature</i> , 2007, 447, 918-920.	27.8	6
57	Late Early Jurassic mammaliaforms from Huizachal Canyon, Tamaulipas, MÃ©xico. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 1130-1143.	1.0	19
58	Suprafamilial relationships among Rodentia and the phylogenetic effect of removing fast-evolving nucleotides in mitochondrial, exon and intron fragments. <i>BMC Evolutionary Biology</i> , 2008, 8, 321.	3.2	84
59	Evolution of Seed Size and Biotic Seed Dispersal in Angiosperms: Paleocological and Neoecological Evidence. <i>International Journal of Plant Sciences</i> , 2008, 169, 863-870.	1.3	78
60	Mitogenomic relationships of placental mammals and molecular estimates of their divergences. <i>Gene</i> , 2008, 421, 37-51.	2.2	144
61	Glires summary. , 2008, , 263-292.		5
62	New Mammalian Remains from the Late Cretaceous La Colonia Formation, Patagonia, Argentina. <i>Acta Palaeontologica Polonica</i> , 2009, 54, 195-212.	0.4	51
63	The Eutherian Mammal <i>Maelestes gobiensis</i> from the Late Cretaceous of Mongolia and the phylogeny of cretaceous eutheria. <i>Bulletin of the American Museum of Natural History</i> , 2009, 2009, 1.	3.4	175
64	MULTIVARIATE FAUNAL ANALYSES OF THE TURONIAN BISSEKTY FORMATION: VARIATION IN THE DEGREE OF MARINE INFLUENCE IN TEMPORALLY AND SPATIALLY AVERAGED FOSSIL ASSEMBLAGES. <i>Palaios</i> , 2009, 24, 18-26.	1.3	19
65	Divergence time estimates of mammals from molecular clocks and fossils: Relevance of new fossil finds from India. <i>Journal of Biosciences</i> , 2009, 34, 649-659.	1.1	5
66	Molecular phylogeny and evolution of prosimians based on complete sequences of mitochondrial DNAs. <i>Gene</i> , 2009, 441, 53-66.	2.2	105
67	Fossil and molecular evidence constrain scenarios for the early evolutionary and biogeographic history of hystricognathous rodents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16722-16727.	7.1	78
68	Ontogenetic Variation in the Bony Labyrinth of <i>Monodelphis domestica</i> (Mammalia: Marsupialia) Following Ossification of the Inner Ear Cavities. <i>Anatomical Record</i> , 2010, 293, 1896-1912.	1.4	60
69	New Aspects of Mesozoic Biodiversity. <i>Lecture Notes in Earth Sciences</i> , 2010, , .	0.5	7
70	Constraints on clade ages from fossil outgroups. <i>Paleobiology</i> , 2010, 36, 16-31.	2.0	53
71	Morphology and variation within the bony labyrinth of zhelestids (Mammalia, Eutheria) and other therian mammals. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 658-675.	1.0	55
72	The historical biogeography of Mammalia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2478-2502.	4.0	90

#	ARTICLE	IF	CITATIONS
73	Phylogenomic datasets provide both precision and accuracy in estimating the timescale of placental mammal phylogeny. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3491-3500.	2.6	449
74	New material and reinterpretation of the Late Cretaceous eutherian mammal <i>Paranyctoides</i> from Uzbekistan. <i>Acta Palaeontologica Polonica</i> , 2012, , .	0.4	6
75	Evolution and Stress Responses to Changes in Environment. , 2012, , 257-273.		0
76	Addition to the Late Cretaceous LaÃ±o mammal faunule (Spain) and to the knowledge of European âœZhelestidaeâ€•(Lainodontinae nov.). <i>Bulletin - Societie Geologique De France</i> , 2012, 183, 537-546.	2.2	14
77	Best Practices for Justifying Fossil Calibrations. <i>Systematic Biology</i> , 2012, 61, 346-359.	5.6	616
78	Phylogenetic analysis, taxonomic revision, and dental ontogeny of the Cretaceous Zhelestidae (Mammalia: Eutheria). <i>Zoological Journal of the Linnean Society</i> , 2012, 164, 361-426.	2.3	37
79	Ecological evolution of early Cetartiodactyla and reconstruction of its missing initial link. <i>Paleontological Journal</i> , 2013, 47, 533-548.	0.5	3
80	Genomic Evidence for Large, Long-Lived Ancestors to Placental Mammals. <i>Molecular Biology and Evolution</i> , 2013, 30, 5-13.	8.9	56
81	Comparative Anatomy of the Bony Labyrinth (Inner Ear) of Placental Mammals. <i>PLoS ONE</i> , 2013, 8, e66624.	2.5	172
82	High-level systematics of placental mammals: Current status of the problem. <i>Biology Bulletin</i> , 2014, 41, 801-816.	0.5	3
83	<i>Alcidedorbignya inopinata</i> , a basal pantodont (Placentalia, Mammalia) from the early Palaeocene of Bolivia: anatomy, phylogeny and palaeobiology. <i>Geodiversitas</i> , 2015, 37, 397.	0.8	79
84	The morphological state space revisited: what do phylogenetic patterns in homoplasy tell us about the number of possible character states?. <i>Interface Focus</i> , 2015, 5, 20150049.	3.0	14
85	Evolutionary transition of dental formula in Late Cretaceous eutherian mammals. <i>Die Naturwissenschaften</i> , 2015, 102, 56.	1.6	7
86	Systematics and Phylogeny of Paleocene-Eocene Nyctitheriidae (Mammalia, Eulipotyphla?) with Description of a new Species from the Late Paleocene of the Clarks Fork Basin, Wyoming, USA. <i>Journal of Mammalian Evolution</i> , 2015, 22, 307-342.	1.8	12
87	A deltatheroidan mammal from the Upper Cretaceous Baynshiree Formation, eastern Mongolia. <i>Cretaceous Research</i> , 2015, 52, 167-177.	1.4	23
88	Geomolecular Dating and the Origin of Placental Mammals. <i>Systematic Biology</i> , 2016, 65, 546-557.	5.6	61
89	Resolving the relationships of Paleocene placental mammals. <i>Biological Reviews</i> , 2017, 92, 521-550.	10.4	75
90	Re-Description of the Auditory Region of the Putative Basal Astrapothere (Mammalia) <i>Eoastrapostylops riolorensis</i> Soria and Powell, 1981. <i>Systematic and Phylogenetic Considerations. Annals of Carnegie Museum</i> , 2017, 84, 95-164.	0.5	13

#	ARTICLE	IF	CITATIONS
91	A new mammal track from the Laramie Formation (Maastrichtian) at the Fossil Trace locality, Golden, Colorado. <i>Cretaceous Research</i> , 2017, 78, 221-227.	1.4	3
92	Convergent and Parallel Evolution in Early Glires (Mammalia). , 2017, , 199-216.		7
93	Waking the undead: Implications of a soft explosive model for the timing of placental mammal diversification. <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 86-102.	2.7	45
94	Light and scanning electron microscopy of the olfactory mucosa in the rufous sengi (<i>Elephantulus rufescens</i>). <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2018, 47, 167-173.	0.7	4
95	Arnold of the Newe Toun Revisited: A Note on the Sources of the Canon's Yeoman's Tale. <i>Notes and Queries</i> , 2018, 65, 174-177.	0.0	1
96	The Berkeley Remix, Season Three: First Response Aids and Community in San Francisco. <i>Oral History Review</i> , 2018, 45, 342-344.	0.4	0
97	A new Eocene anagalid (Mammalia: Euarchontoglires) from Mongolia and its implications for the group's phylogeny and dispersal. <i>Scientific Reports</i> , 2018, 8, 13955.	3.3	8
98	Horolodectidae: a new family of unusual eutherians (Mammalia: Theria) from the Palaeocene of Alberta, Canada. <i>Zoological Journal of the Linnean Society</i> , 2019, 185, 431-458.	2.3	1
99	Evolutionary Models for the Diversification of Placental Mammals Across the KPg Boundary. <i>Frontiers in Genetics</i> , 2019, 10, 1241.	2.3	41
100	Rapid morphological evolution in placental mammals post-dates the origin of the crown group. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182418.	2.6	29
102	Jaw shape and mechanical advantage are indicative of diet in Mesozoic mammals. <i>Communications Biology</i> , 2021, 4, 242.	4.4	22
103	Accelerated Protein Evolution and Origins of Human-Specific Features: FOXP2 as an Example. <i>Genetics</i> , 2002, 162, 1825-1835.	2.9	217
105	The Extinction of the Dinosaurs in North America. <i>GSA Today</i> , 2005, 15, 4.	2.0	12
106	The Extinction of the Dinosaurs in North America. <i>GSA Today</i> , 2005, 15, 4.	2.0	58
107	Imigrantes em um continente perdido: O registro fóssil de roedores Caviomorpha (Mammalia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.0	5
108	Constraints on the timescale of animal evolutionary history. <i>Palaeontologia Electronica</i> , 0, , .	0.9	71
110	New Perspectives on the Evolution of Late Palaeozoic and Mesozoic Terrestrial Tetrapods. <i>Lecture Notes in Earth Sciences</i> , 2010, , 1-26.	0.5	0
112	Reconstruction of body mass evolution in the Cetartiodactyla and mammals using phylogenomic data. , 0, 1, .		1

#	ARTICLE	IF	CITATIONS
113	New mammals from the Naskal intertrappean site and the age of India's earliest eutherians. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 591, 110857.	2.3	13
114	The Concept of the Modern Molecular Clock and Experience in Estimating Divergence Times of Eulipotyphla and Rodentia. <i>Biology Bulletin Reviews</i> , 2022, 12, 459-482.	0.9	0
115	Mandibular characteristics of early Glires (Mammalia) reveal mixed rodent and lagomorph morphotypes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2023, 378, .	4.0	1