## CITATION REPORT List of articles citing

Gekko japonicus genome reveals evolution of adhesive toe pads and tail regeneration

DOI: 10.1038/ncomms10033 Nature Communications, 2015, 6, 10033.

Source: https://exaly.com/paper-pdf/62747936/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
118	Genome shows gecko evolution. <b>2015</b> , 528, 11-11		
117	Adaptation to nocturnality - learning from avian genomes. <b>2016</b> , 38, 694-703		9
116	Anchoring genome sequence to chromosomes of the central bearded dragon (Pogona vitticeps) enables reconstruction of ancestral squamate macrochromosomes and identifies sequence content of the Z chromosome. <b>2016</b> , 17, 447		24
115	Reply to TOlfactory genes in Tibetan wild boar (NG-CR42819)T <b>2016</b> , 48, 973-4		
114	Draft genome of the leopard gecko, Eublepharis macularius. <b>2016</b> , 5, 47		32
113	Wnt-1 immunodetection in the regenerating tail of lizard suggests it is involved in the proliferation and distal growth of the blastema. <b>2017</b> , 119, 211-219		12
112	Sequencing, de novo assembling, and annotating the genome of the endangered Chinese crocodile lizard Shinisaurus crocodilurus. <b>2017</b> , 6, 1-6		15
111	Review: Biological and Molecular Differences between Tail Regeneration and Limb Scarring in Lizard: An Inspiring Model Addressing Limb Regeneration in Amniotes. <b>2017</b> , 328, 493-514		36
110	Downregulation of lizard immuno-genes in the regenerating tail and myogenes in the scarring limb suggests that tail regeneration occurs in an immuno-privileged organ. <b>2017</b> , 254, 2127-2141		29
109	Identification and comparative analysis of the epidermal differentiation complex in snakes. <b>2017</b> , 7, 45	338	17
108	Their loss is our gain: regressive evolution in vertebrates provides genomic models for uncovering human disease loci. <b>2017</b> , 54, 787-794		17
107	Immunohistochemical and western blot analysis suggest that the soluble forms of FGF1-2 and FGFR1-2 sustain tail regeneration in the lizard. <b>2017</b> , 214, 67-74		1
106	Evolution and Diversity of Transposable Elements in Vertebrate Genomes. 2017, 9, 161-177		125
105	Genomic regression of claw keratin, taste receptor and light-associated genes provides insights into biology and evolutionary origins of snakes. <b>2017</b> , 115, 40-49		19
104	Tail regeneration and other phenomena of wound healing and tissue restoration in lizards. <b>2017</b> , 220, 2858-2869		28
103	Lizard tail regeneration as an instructive model of enhanced healing capabilities in an adult amniote. <b>2017</b> , 58, 145-154		40
102	Transcriptome analysis of the regenerating tail vs. the scarring limb in lizard reveals pathways leading to successful vs. unsuccessful organ regeneration in amniotes. <b>2017</b> , 246, 116-134		58

101	Targeted Capture of Complete Coding Regions across Divergent Species. 2017, 9, 398-414	11
100	Potential Involvement of Snail Members in Neuronal Survival and Astrocytic Migration during the Gecko Spinal Cord Regeneration. <b>2017</b> , 11, 113	3
99	Shifts in Selective Pressures on Snake Phototransduction Genes Associated with Photoreceptor Transmutation and Dim-Light Ancestry. <b>2018</b> , 35, 1376-1389	17
98	COX-2 activity and expression pattern during regenerative wound healing of tail in lizard Hemidactylus flaviviridis. <b>2018</b> , 135, 11-15	4
97	Hyaluronate likely contributes to the immunesuppression of the regenerating tail blastema in lizards: Implications for organ regeneration in amniotes. <b>2018</b> , 99, 321-330	5
96	Comparative Genomics Reveals Accelerated Evolution in Conserved Pathways during the Diversification of Anole Lizards. <b>2018</b> , 10, 489-506	23
95	Gene Turnover and Diversification of the 🛭 and 🖾 lobin Gene Families in Sauropsid Vertebrates. <b>2018</b> , 10, 344-358	10
94	Review: Limb regeneration in humans: Dream or reality?. <b>2018</b> , 217, 1-6	17
93	XX/XY Sex Chromosomes in the South American Dwarf Gecko (Gonatodes humeralis). <b>2018</b> , 109, 462-468	13
92	Madagascar ground gecko genome analysis characterizes asymmetric fates of duplicated genes. <b>2018</b> , 16, 40	21
91	The genome of the tegu lizard Salvator merianae: combining Illumina, PacBio, and optical mapping data to generate a highly contiguous assembly. <b>2018</b> , 7,	15
90	Perspective: Appendage regeneration in amphibians and some reptiles derived from specific evolutionary histories. <b>2018</b> , 330, 396-405	14
89	Review: Evolution and diversification of corneous beta-proteins, the characteristic epidermal proteins of reptiles and birds. <b>2018</b> , 330, 438-453	26
88	Divergent evolution in the genomes of closely related lacertids, Lacerta viridis and L. bilineata, and implications for speciation. <b>2019</b> , 8,	6
87	Review: mapping proteins localized in adhesive setae of the tokay gecko and their possible influence on the mechanism of adhesion. <b>2018</b> , 255, 1785-1797	19
86	Immunolocalization of serpins in the regenerating tail of lizard suggests a role for epidermal and neural barrier formation. <b>2018</b> , 131, 1-9	3
85	Immunodetection of High Mobility Group Proteins in the regenerating tail of lizard mainly indicates activation for cell proliferation. <b>2019</b> , 100, 365-375	1
84	Expression and role of HIF-11and HIF-21in tissue regeneration: a study of hypoxia in house gecko tail regeneration. <b>2019</b> , 15, 69-84	7

83	Macrophage migration inhibitory factor derived from spinal cord is involved in activation of macrophages following gecko tail amputation. <b>2019</b> , 33, 14798-14810	3
82	Evolutionary signatures of photoreceptor transmutation in geckos reveal potential adaptation and convergence with snakes. <b>2019</b> , 73, 1958-1971	15
81	The Diversity and Adaptive Evolution of Visual Photopigments in Reptiles. 2019, 7,	7
80	Transcriptomic data support a nocturnal bottleneck in the ancestor of gecko lizards. <b>2019</b> , 141, 106639	7
79	PGE2 facilitates tail regeneration via activation of Wnt signaling in Gekko japonicus. <b>2019</b> , 50, 551-562	2
78	Embryonic development of a parthenogenetic vertebrate, the mourning gecko (Lepidodactylus lugubris). <b>2019</b> , 248, 1070-1090	10
77	The Integrative Biology of Gecko Adhesion: Historical Review, Current Understanding, and Grand Challenges. <b>2019</b> , 59, 101-116	39
76	The transcriptome of the veiled chameleon (Chamaeleo calyptratus): A resource for studying the evolution and development of vertebrates. <b>2019</b> , 248, 702-708	9
75	Duplications in Corneous Beta Protein Genes and the Evolution of Gecko Adhesion. <b>2019</b> , 59, 193-202	5
74	Molecular structure of sauropsid Ekeratins from tuatara (Sphenodon punctatus). <b>2019</b> , 207, 21-28	11
73	Wnt Signaling Pathway Linked to Intestinal Regeneration via Evolutionary Patterns and Gene Expression in the Sea Cucumber. <b>2019</b> , 10, 112	12
72	Review: The Regenerating Tail Blastema of Lizards as a Model to Study Organ Regeneration and Tumor Growth Regulation in Amniotes. <b>2019</b> , 302, 1469-1490	16
71	Immunolocalization of Matrix Metalloproteinases in regenerating lizard tail suggests that an intense remodelling activity allows for apical tail growth. <b>2020</b> , 101, 124-132	3
70	Immunohistochemical localization of a proto-cadherin fat tumour-suppressor homolog in the regenerating tail of lizard suggests a role in apical growth control. <b>2020</b> , 101, 247-259	2
69	Lepidosaur Ekeratin chains with four 34-residue repeats: Modelling reveals a potential filament-crosslinking role. <b>2020</b> , 209, 107413	4
68	Expression of specific corneous beta proteins in the developing digits of the Japanese gecko (Gekko japonicus) reveals their role in the growth of adhesive setae. <b>2020</b> , 240, 110370	2
67	Optimizing Phylogenomics with Rapidly Evolving Long Exons: Comparison with Anchored Hybrid Enrichment and Ultraconserved Elements. <b>2020</b> , 37, 904-922	15
66	The untapped potential of reptile biodiversity for understanding how and why animals age. <b>2020</b> , 34, 38-54	24

65	Structure and topology of the linkers in the conserved lepidosaur Ekeratin chain with four 34-residue repeats support an interfilament role for the central linker. <b>2020</b> , 212, 107599		2
64	Immune and sex-biased gene expression in the threatened Mojave desert tortoise, Gopherus agassizii. <b>2020</b> , 15, e0238202		1
63	Identification of epidermal differentiation genes of the tuatara provides insights into the early evolution of lepidosaurian skin. <b>2020</b> , 10, 12844		5
62	Independent Evolution of Sex Chromosomes in Eublepharid Geckos, A Lineage with Environmental and Genotypic Sex Determination. <b>2020</b> , 10,		7
61	Genome and single-cell RNA-sequencing of the earthworm Eisenia andrei identifies cellular mechanisms underlying regeneration. <i>Nature Communications</i> , <b>2020</b> , 11, 2656	17.4	16
60	Discovery of a New TLR Gene and Gene Expansion Event through Improved Desert Tortoise Genome Assembly with Chromosome-Scale Scaffolds. <b>2020</b> , 12, 3917-3925		3
59	Immunolocalization of corneous proteins including a serine-tyrosine-rich beta-protein in the adhesive pads in the tokay gecko. <b>2020</b> , 83, 889-900		2
58	SOCS3 Attenuates GM-CSF/IFN-EMediated Inflammation During Spontaneous Spinal Cord Regeneration. <b>2020</b> , 36, 778-792		3
57	Gene expression in regenerating and scarring tails of lizard evidences three main key genes (wnt2b, egfl6, and arhgap28) activated during the regulated process of tail regeneration. <b>2021</b> , 258, 3-17		4
56	Tail regeneration in Lepidosauria as an exception to the generalized lack of organ regeneration in amniotes. <b>2021</b> , 336, 145-164		7
55	Immunolabelling for RhoV and actin in early regenerating tail of the lizard Podarcis muralis suggests involvement in epithelial and mesenchymal cell motility. <b>2021</b> , 102, 51-62		2
54	Transcriptomic and proteomic analysis of Hemidactylus frenatus during initial stages of tail regeneration. <b>2021</b> , 11, 3675		4
53	New Ther1-derived SINE Squam3 in scaled reptiles. <b>2021</b> , 12, 10		
52	Structures of the EKeratin Filaments and Keratin Intermediate Filaments in the Epidermal Appendages of Birds and Reptiles (Sauropsids). <b>2021</b> , 12,		1
51	Are Geckos Special in Sex Determination? Independently Evolved Differentiated ZZ/ZW Sex Chromosomes in Carphodactylid Geckos. <b>2021</b> , 13,		5
50	The gastrin-releasing peptide/bombesin system revisited by a reverse-evolutionary study considering Xenopus. <b>2021</b> , 11, 13315		O
49	Neuronal regeneration: Vertebrates comparative overview and new perspectives for neurodegenerative diseases.		10
48	The first chromosome-level gecko genome reveals dynamic sex chromosomes in Neotropical leaf-litter geckos (Sphaerodactylidae: Sphaerodactylus).		

47	Evolutionary adaptation of visual pigments in geckos for their photic environment. 2021, 7, eabj1316	2
46	Appendage Regeneration in Vertebrates: What Makes This Possible?. <b>2021</b> , 10,	7
45	Bridging the Gap between Vertebrate Cytogenetics and Genomics with Single-Chromosome Sequencing (ChromSeq). <b>2021</b> , 12,	4
44	A chromosome-level genome assembly for the Eastern Fence Lizard (Sceloporus undulatus), a reptile model for physiological and evolutionary ecology.	3
43	Msx1-2 immunolocalization in the regenerating tail of a lizard but not in the scarring limb suggests its involvement in the process of regeneration. <b>2018</b> , 99, 143-150	2
42	Draft Genome of the Common Snapping Turtle, , a Model for Phenotypic Plasticity in Reptiles. <b>2020</b> , 10, 4299-4314	4
41	Immunodetection of ephrin receptors in the regenerating tail of the lizard suggests stimulation of differentiation and muscle segmentation. <b>2019</b> , 40, 416-426	2
40	Spot the difference: Solving the puzzle of hidden pictures in the lizard genome for identification of regeneration factors. <b>2016</b> , 49, 249-54	2
39	Draft genomes of a male and female Australian jacky dragon (Amphibolurus muricatus).	
38	Targeted capture of complete coding regions across divergent species.	
37	Chromosome-level assembly of the common lizard (Zootoca vivipara) genome.	1
36	Transcriptomic data support a nocturnal bottleneck in the ancestor to gecko lizards.	
35	Transcriptome and Proteome analysis ofHemidactylus frenatusduring initial stages of tail regeneration.	
34	The tuatara genome: insights into vertebrate evolution from the sole survivor of an ancient reptilian order.	
33	Revisiting the gastrin-releasing peptide/bombesin system: A reverse-evolutionary study consideringXenopus.	
32	Site Fidelity of Gekko japonicus to Artificially Lit Environments. <b>2020</b> , 39, 184	О
31	Development of 22 Microsatellite Markers for Assessing Hybridization in the Genus Gekko (Squamata: Gekkonidae). <b>2020</b> , 39, 66	
30	Self-Control of Inflammation during Tail Regeneration of Lizards. <b>2021</b> , 9,	2

29	A chromosome-level genome assembly for the eastern fence lizard (Sceloporus undulatus), a reptile model for physiological and evolutionary ecology. <b>2021</b> , 10,		1
28	Introduction to the Study on Regeneration in Lizards as an Amniote Model of Organ Regeneration. <b>2021</b> , 9,		
27	Convergent and lineage-specific genomic differences in limb regulatory elements in limbless reptile lineages <b>2022</b> , 38, 110280		1
26	Characterisation and cross-amplification of sex-specific genetic markers in Australasian Egerniinae lizards and their implications for understanding the evolution of sex determination and social complexity. <b>2022</b> , 69, 33-40		O
25	A chromosome-level genome assembly and annotation of the desert horned lizard, Phrynosoma platyrhinos, provides insight into chromosomal rearrangements among reptiles <b>2022</b> , 11,		2
24	Biomimetic fracture model of lizard tail autotomy <b>2022</b> , 375, 770-774		6
23	Genomic adaptations for arboreal locomotion in Asian flying treefrogs 2022, 119, e2116342119		1
22	Immunolocalization of Adenomatous Polyposis Coli protein (apc) in the regenerating lizard tail suggests involvement in tissue differentiation and regulation of growth <b>2022</b> ,		
21	Chromosome-level genome assembly reveals dynamic sex chromosomes in Neotropical leaf-litter geckos (Sphaerodactylidae: Sphaerodactylus) <b>2022</b> ,		Ο
20	Presentation_1.PDF. <b>2019</b> ,		
19	Synthesis and characterization of mononuclear Zn complex, immobilized on ordered mesoporous silica and their tunable catalytic properties. <i>Molecular Catalysis</i> , <b>2022</b> , 525, 112365	3.3	0
18	Phylogeny of g6pc1 Genes and Their Functional Divergence among Sarcopterygian Vertebrates: Implications for Thermoregulatory Strategies. <i>Zoological Science</i> , <b>2022</b> , 39,	0.8	
17	Genomic Perspectives. <b>2022</b> , 207-268		
16	Spontaneous neuronal regeneration in the forebrain of the leopard gecko (Eublepharis macularius ) following neurochemical lesioning.		1
15	Using Comparative Genomics to Resolve the Origin and Early Evolution of Snakes. 2022, 209-234		
14	Akt/mTOR integrate energy metabolism with Wnt signal to influence wound epithelium growth in Gekko Japonicus. <b>2022</b> , 5,		Ο
13	Genome of the endangered Guatemalan Beaded Lizard, Heloderma charlesbogerti, reveals evolutionary relationships of squamates and declines in effective population sizes.		1
12	Can extreme climatic events induce shifts in adaptive potential? A conceptual framework and empirical test with Anolis lizards.		Ο

11	The evolutionary history and spectral tuning of vertebrate visual opsins. 2023, 493, 40-66	0
10	XX / XY sex chromosomes in a blind lizard (Dibamidae): Towards understanding the evolution of sex determination in squamates. <b>2022</b> , 35, 1791-1796	1
9	Madagascar Leaf-Tail Geckos (Uroplatus spp.) Share Independently Evolved Differentiated ZZ/ZW Sex Chromosomes. <b>2023</b> , 12, 260	0
8	The Story of the Finest Armor: Developmental Aspects of Reptile Skin. <b>2023</b> , 11, 5	O
7	Characterization of Two Transposable Elements and an Ultra-Conserved Element Isolated in the Genome of Zootoca vivipara (Squamata, Lacertidae). <b>2023</b> , 13, 637	О
6	Chromosome-level genome assembly provides insights into adaptive evolution of chromosome and important traits in the geckoGekko japonicus.	О
5	Energetic regenerative medicine based on plant photosynthesis grafted human cells. 2023, 68, 370-372	o
4	Partialin vivoreprogramming enables injury-free intestinal regeneration via autonomous Ptgs1 induction.	O
3	Solutions to a Sticky Problem: Convergence of the Adhesive Systems of Geckos and Anoles (Reptilia: Squamata). <b>2023</b> , 221-255	O
2	Genomes of two Extinct-in-the-Wild reptiles from Christmas Island reveal distinct evolutionary histories and conservation insights.	O
1	Dietary and Sexual Correlates of Gut Microbiota in the Japanese Gecko, Gekko japonicus (Schlegel, 1836). <b>2023</b> , 13, 1365	0