

The genome of the vervet (<i>Chlorocebus aethiops sab

Genome Research

25, 1921-1933

DOI: [10.1101/gr.192922.115](https://doi.org/10.1101/gr.192922.115)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Envelope-specific B-cell populations in African green monkeys chronically infected with simian immunodeficiency virus. <i>Nature Communications</i> , 2016, 7, 12131.	5.8	14
2	Corpus luteum as a novel target of weight changes that contribute to impaired female reproductive physiology and function. <i>Systems Biology in Reproductive Medicine</i> , 2016, 62, 227-242.	1.0	44
3	Innate immune cell responses in non pathogenic versus pathogenic SIV infections. <i>Current Opinion in Virology</i> , 2016, 19, 37-44.	2.6	17
4	Translational Safety Genetics. <i>Toxicologic Pathology</i> , 2017, 45, 119-126.	0.9	6
5	The Demographic and Adaptive History of the African Green Monkey. <i>Molecular Biology and Evolution</i> , 2017, 34, 1055-1065.	3.5	28
6	CXCR6-Mediated Simian Immunodeficiency Virus SIVagmSab Entry into Sabaeus African Green Monkey Lymphocytes Implicates Widespread Use of Non-CCR5 Pathways in Natural Host Infections. <i>Journal of Virology</i> , 2017, 91, .	1.5	24
7	Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. <i>Nature Genetics</i> , 2017, 49, 1705-1713.	9.4	107
8	Genetic variation and gene expression across multiple tissues and developmental stages in a nonhuman primate. <i>Nature Genetics</i> , 2017, 49, 1714-1721.	9.4	57
9	Direct estimate of the spontaneous germ line mutation rate in African green monkeys. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2858-2870.	1.1	40
10	DNA Sequences in Centromere Formation and Function. <i>Progress in Molecular and Subcellular Biology</i> , 2017, 56, 305-336.	0.9	26
11	Inferring Demographic History Using Genomic Data. <i>Population Genomics</i> , 2017, , 511-537.	0.2	16
12	Genomic Tools for the Use of Nonhuman Primates in Translational Research. <i>ILAR Journal</i> , 2017, 58, 59-68.	1.8	16
13	Comparing mitogenomic timetrees for two African savannah primate genera (<i>Chlorocebus</i> and <i>Papio</i>). <i>Zoological Journal of the Linnean Society</i> , 2017, 181, 471-483.	1.0	15
14	Proteomics in non-human primates: utilizing RNA-Seq data to improve protein identification by mass spectrometry in vervet monkeys. <i>BMC Genomics</i> , 2017, 18, 877.	1.2	17
15	Hybrid de novo genome assembly and centromere characterization of the gray mouse lemur (<i>Microcebus murinus</i>). <i>BMC Biology</i> , 2017, 15, 110.	1.7	53
16	Neurodegenerative disease biomarkers β ⁴⁰ , β ⁴² , tau, and α ¹⁸¹ in the vervet monkey cerebrospinal fluid: Relation to normal aging, genetic influences, and cerebral amyloid angiopathy. <i>Brain and Behavior</i> , 2018, 8, e00903.	1.0	45
17	Morphological variation in the genus <i>Chlorocebus</i> : Ecogeographic and anthropogenically mediated variation in body mass, postcranial morphology, and growth. <i>American Journal of Physical Anthropology</i> , 2018, 166, 682-707.	2.1	55
18	Non-B-Form DNA Is Enriched at Centromeres. <i>Molecular Biology and Evolution</i> , 2018, 35, 949-962.	3.5	110

#	ARTICLE	IF	CITATIONS
19	The behavioral genetics of nonhuman primates: Status and prospects. <i>American Journal of Physical Anthropology</i> , 2018, 165, 23-36.	2.1	20
20	Novel endogenous simian retroviral integrations in Vero cells: implications for quality control of a human vaccine cell substrate. <i>Scientific Reports</i> , 2018, 8, 644.	1.6	21
21	Sooty mangabey genome sequence provides insight into AIDS resistance in a natural SIV host. <i>Nature</i> , 2018, 553, 77-81.	13.7	81
22	Analysis of lineage-specific Alu subfamilies in the genome of the olive baboon, <i>Papio anubis</i> . <i>Mobile DNA</i> , 2018, 9, 10.	1.3	10
23	Obesity and obesogenic growth are both highly heritable and modified by diet in a nonhuman primate model, the African green monkey (<i>Chlorocebus aethiops sabaeus</i>). <i>International Journal of Obesity</i> , 2018, 42, 765-774.	1.6	41
24	Evolution of vomeronasal receptor 1 (V1R) genes in the common marmoset (<i>Callithrix jacchus</i>). <i>Gene</i> , 2018, 642, 343-353.	1.0	22
25	Primate Paleogenomics. <i>Population Genomics</i> , 2018, , 353-373.	0.2	3
26	Comparative Chromosome Painting in Genets (Carnivora, Viverridae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 Td (Karyotype. <i>Cytogenetic and Genome Research</i> , 2018, 156, 35-44.	0.6	2
27	The comparative genomics and complex population history of <i>Papio</i> baboons. <i>Science Advances</i> , 2019, 5, eaau6947.	4.7	115
30	Biological Resources for Genomic Investigation in the Vervet Monkey (<i>Chlorocebus</i>). , 2019, , 16-28.		3
31	Savanna Monkey Taxonomy. , 2019, , 31-54.		2
32	The Promise of Vervet Genomics. , 2019, , 55-59.		0
33	African Green Monkeys as a Natural Host of SIV. , 2019, , 60-70.		0
34	The Vervet Microbiome. , 2019, , 71-78.		0
35	Population Genetics and Savanna Monkeys. , 2019, , 81-100.		0
36	Population Genetic Structure of Vervet Monkeys in South Africa. , 2019, , 101-106.		0
37	Behavioral Ecology of Savanna Monkeys. , 2019, , 109-126.		1
38	Socioecology of Vervet Monkeys. , 2019, , 127-132.		0

#	ARTICLE	IF	CITATIONS
39	Biological Complexity in Primate Sociality and Health. , 2019, , 133-140.		0
40	Predation and Food Competition in Vervet Monkeys (<i>Chlorocebus pygerythrus</i>). , 2019, , 141-151.		0
41	Vervet Monkeysâ€™ Social Learning Abilities. , 2019, , 152-160.		0
42	Life History of Savanna Monkeys. , 2019, , 163-198.		1
43	The Social and Thermal Competence of Wild Vervet Monkeys. , 2019, , 199-207.		2
44	Novelty-Seeking in Vervets: Developmental, Genetic, and Environmental Influences. , 2019, , 208-216.		0
45	Measurement of Novelty-Seeking in Wild Vervet Monkeys. , 2019, , 217-223.		0
46	Causes of Variation in the Static Allometry of Morphological Structures: A Case Study with Vervet Monkeys. , 2019, , 224-232.		0
47	Ethnoprimatology and Savanna Monkeys. , 2019, , 235-243.		1
48	Exploring Caribbean Green Monkeys (<i>Chlorocebus sabaeus</i>) through an Ethnoprimatological Lens. , 2019, , 244-254.		0
49	Vervet Monkeys (<i>Chlorocebus pygerythrus</i>), Chimpanzees (<i>Pan troglodytes</i>), and Humans (<i>Homo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3		
53	The Genome of the Endangered Dryas Monkey Provides New Insights into the Evolutionary History of the Vervets. <i>Molecular Biology and Evolution</i> , 2020, 37, 183-194.	3.5	34
54	Towards a new taxonomy of primate vocal production learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190045.	1.8	41
55	Comparing mitogenomic timetrees for two African savannah primate genera (<i>Chlorocebus</i> and <i>Papio</i>). <i>Zoological Journal of the Linnean Society</i> , 2020, 190, 1071-1073.	1.0	1
56	Vero cell upstream bioprocess development for the production of viral vectors and vaccines. <i>Biotechnology Advances</i> , 2020, 44, 107608.	6.0	66
57	Modeling mosquito-borne and sexual transmission of Zika virus in an enzootic host, the African green monkey. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008107.	1.3	11
58	A Fine-Scale Genetic Map for Vervet Monkeys. <i>Molecular Biology and Evolution</i> , 2020, 37, 1855-1865.	3.5	5
59	ACE2 and TMPRSS2 variation in savanna monkeys (<i>Chlorocebus</i> spp.): Potential risk for zoonotic/anthroponotic transmission of SARS-CoV-2 and a potential model for functional studies. <i>PLoS ONE</i> , 2020, 15, e0235106.	1.1	21

#	ARTICLE	IF	CITATIONS
60	Data, Reagents, Assays and Merits of Proteomics for SARS-CoV-2 Research and Testing. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1503-1522.	2.5	78
61	Branching out: what omics can tell us about primate evolution. <i>Current Opinion in Genetics and Development</i> , 2020, 62, 65-71.	1.5	9
62	Immunosuppressive effect and global dysregulation of blood transcriptome in response to psychosocial stress in vervet monkeys (<i>Chlorocebus sabaeus</i>). <i>Scientific Reports</i> , 2020, 10, 3459.	1.6	2
63	The draft genome of mandrill (<i>Mandrillus sphinx</i>): An Old World monkey. <i>Scientific Reports</i> , 2020, 10, 2431.	1.6	3
64	From evolution to function: Two sides of the same CENP-B coin?. <i>Experimental Cell Research</i> , 2020, 390, 111959.	1.2	33
65	Resources for functional genomic studies of health and development in nonhuman primates. <i>American Journal of Physical Anthropology</i> , 2020, 171, 174-194.	2.1	7
66	The Diversity of Primates: From Biomedicine to Conservation Genomics. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 103-124.	3.6	8
67	An innovative standard for LC-MS-based HCP profiling and accurate quantity assessment: Application to batch consistency in viral vaccine samples. <i>Proteomics</i> , 2021, 21, e2000152.	1.3	5
68	Analysis and annotation of DNA methylation in two nonhuman primate species using the Infinium Human Methylation 450K and EPIC BeadChips. <i>Epigenomics</i> , 2021, 13, 169-186.	1.0	9
69	The Impact of Purifying and Background Selection on the Inference of Population History: Problems and Prospects. <i>Molecular Biology and Evolution</i> , 2021, 38, 2986-3003.	3.5	56
70	Characterization of Inflammatory and Fibrotic Aspects of Tissue Remodeling of Acellular Dermal Matrix in a Nonhuman Primate Model. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2021, 9, e3420.	0.3	8
72	Poliovirus-nonsusceptible Vero cell line for the World Health Organization global action plan. <i>Scientific Reports</i> , 2021, 11, 6746.	1.6	5
73	Research Relevant Conditions and Pathology in Nonhuman Primates. <i>ILAR Journal</i> , 2020, 61, 139-166.	1.8	9
75	Haplotype-resolved de novo assembly of the Vero cell line genome. <i>Npj Vaccines</i> , 2021, 6, 106.	2.9	14
76	Epigenetic clock and methylation studies in vervet monkeys. <i>GeroScience</i> , 2022, 44, 699-717.	2.1	18
86	Epigenetic Changes Associated with Early Life Experiences: Saliva, A Biospecimen for DNA Methylation Signatures. <i>Current Genomics</i> , 2018, 19, 676-698.	0.7	14
87	Nonhuman primate alarm calls then and now. <i>Animal Behavior and Cognition</i> , 2020, 7, .	0.4	7
88	Transcriptomic Analysis of Cell-free Fetal RNA in the Amniotic Fluid of Vervet Monkeys (<i>Chlorocebus</i>) Tj ETQq1 1 0.784314 rgBT /Overbo 0,4	0.4	4

#	ARTICLE	IF	CITATIONS
93	Animal Models in Toxicologic Research: Nonhuman Primate. , 2022, , 777-809.		0
94	Integrated omics analysis reveals sirtuin signaling is central to hepatic response to a high fructose diet. BMC Genomics, 2021, 22, 870.	1.2	7
95	A new species of fossil guenon (Cercopithecini, Cercopithecidae) from the Early Pleistocene Lower Ngaloba Beds, Laetoli, Tanzania. Journal of Human Evolution, 2022, 163, 103136.	1.3	2
97	Population dynamics and genetic connectivity in recent chimpanzee history. Cell Genomics, 2022, 2, 100133.	3.0	18
99	Epigenetic Reprogramming Leads to Downregulation of CD4 and Functional Changes in African Green Monkey Memory CD4+ T Cells. Journal of Immunology, 2022, 209, 337-345.	0.4	2
100	The epitranscriptome of Vero cells infected with SARS-CoV-2 assessed by direct RNA sequencing reveals m6A pattern changes and DRACH motif biases in viral and cellular RNAs. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	3
102	Evidence of selection in the uncoupling protein 1 gene region suggests local adaptation to solar irradiance in savannah monkeys (<i>Chlorocebus</i> spp.). Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	1
103	The chromosome-scale genome of the raccoon dog: Insights into its evolutionary characteristics. IScience, 2022, 25, 105117.	1.9	6
104	The continuing evolution of barcode applications: Functional toxicology to cell lineage. Experimental Biology and Medicine, 2022, 247, 2119-2127.	1.1	1
105	The AGMK1-9T7 cell model of neoplasia: Evolution of DNA copy-number aberrations and miRNA expression during transition from normal to metastatic cancer cells. PLoS ONE, 2022, 17, e0275394.	1.1	1
106	Halibee fossil assemblages reveal later Pleistocene cercopithecins (Cercopithecidae: Primates) in the Middle Awash of Ethiopia. American Journal of Biological Anthropology, 0, , .	0.6	2
110	Signals, Semiotics. Synthesis Lectures on Information Concepts, Retrieval, and Services, 2023, , 15-27.	0.6	0