

Resource Summary Report

Generated by [nidm-terms](#) on Sep 21, 2026

anage

RRID:SCR_001470

Type: Tool

Proper Citation

anage (RRID:SCR_001470)

Resource Information

URL: <http://genomics.senescence.info/species/>

Proper Citation: anage (RRID:SCR_001470)

Description: Curated database of aging and life history in animals, including extensive longevity records and complementary traits for > 4000 vertebrate species. AnAge was primarily developed for comparative biology studies, in particular studies of longevity and aging, but can also be useful for ecological and conservation studies and as a reference for zoos and field biologists.

Abbreviations: AnAge

Synonyms: Animal Ageing and Longevity Database, AnAge Database of Animal Ageing and Longevity, AnAge: The Animal Ageing and Longevity Database

Resource Type: data or information resource, database

Defining Citation: [PMID:23193293](#)

Keywords: senescence, comparative biology, longevity

Related Condition: Healthy aging, Aging, Healthy

Availability: Free, Freely Available

Resource Name: anage

Resource ID: SCR_001470

Alternate IDs: nlx_152700

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Record Creation Time: 20220129T080207+0000

Ratings and Alerts

No rating or validation information has been found for anage.

No alerts have been found for anage.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 149 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Bastian M, et al. (2026) Empirical Validation of the Nearly Neutral Theory at Divergence and Population-Genomic Scales Using 144 Placental Mammal Genomes. *Genome biology and evolution*, 18(4).

Zhang ZN, et al. (2026) Reconstructing mammalian lifespan evolution reveals strong phylogenetic effects and lifespan-associated genes. *BMC biology*, 24(1).

Tyshkovskiy A, et al. (2026) Universal transcriptomic hallmarks of mammalian ageing and mortality. *Nature*, 654(8117), 173.

Ferguson SH, et al. (2026) How toothed whales divide up the world: phylogeny and ecology shape life-history strategies of odontocetes. *BMC ecology and evolution*, 26(1).

Li W, et al. (2026) DNA methylation clock in bull sperm cells reveals the epigenetic aging characteristics and impact on fertility. *Journal of animal science and biotechnology*, 17(1).

Domínguez-de-Barros A, et al. (2025) Telomere- and oxidative stress dynamics in Psittacidae species with different longevity trajectories. *GeroScience*, 47(1), 121.

Bastian M, et al. (2025) Empirical validation of the nearly neutral theory at divergence and population genomic scale using 144 placental mammals genomes. *bioRxiv : the preprint server for biology*.

Morimoto J, et al. (2025) Proteome Size Is Positively Correlated with Lifespan in Mammals but Negatively Correlated with Lifespan in Birds. *Advanced biology*, 9(4), e2400633.

Boutelle C, et al. (2025) A logistic regression model to predict the next rabies virus host-shift event. *Scientific reports*, 15(1), 19306.

Dujon AM, et al. (2025) Towards a more robust comparative oncology: a Bayesian reanalysis of Peto's paradox and discussion of comparative cancer risk studies in vertebrates. *Royal Society open science*, 12(7), 250840.

Hanninger EF, et al. (2025) Dental aging offers new insights to the first epigenetic clock for common dolphins (*Delphinus delphis*). *bioRxiv* : the preprint server for biology.

Tan I, et al. (2025) Alu-Sc-mediated exonization generated a mitochondrial LKB1 gene variant found only in higher order primates. *Scientific reports*, 15(1), 3360.

Marino A, et al. (2025) Effective population size does not explain long-term variation in genome size and transposable element content in animals. *eLife*, 13.

Moreno Borrallo A, et al. (2025) Variation in albumin glycation rates in birds suggests resistance to relative hyperglycaemia rather than conformity to the pace of life syndrome hypothesis. *eLife*, 13.

Osbourne R, et al. (2025) Structural and mechanistic diversity in p53-mediated regulation of organismal longevity across taxonomical orders. *PLoS computational biology*, 21(5), e1012382.

Warmer FEM, et al. (2025) The Role of Intrinsic Factors in Explaining Range Shifts of European Breeding Birds: A Meta-Analysis. *Ecology and evolution*, 15(4), e71308.

Wang A, et al. (2025) Noncoding RNAs evolutionarily extend animal lifespan. *Global medical genetics*, 12(2), 100034.

Sierra C, et al. (2025) Coevolution of cooperative lifestyles and reduced cancer prevalence in mammals. *Science advances*, 11(46), eadw0685.

Zhang WB, et al. (2025) Parallel Selection for Longevity in Mammals and Birds. *bioRxiv* : the preprint server for biology.

Thomas WR, et al. (2025) Seasonal and comparative evidence of adaptive gene expression in mammalian brain size plasticity. *eLife*, 13.