Resource Summary Report

Generated by NIF on Apr 20, 2025

BOTTLENECK

RRID:SCR_009082

Type: Tool

Proper Citation

BOTTLENECK (RRID:SCR_009082)

Resource Information

URL: http://www.montpellier.inra.fr/URLB/bottleneck/bottleneck.html

Proper Citation: BOTTLENECK (RRID:SCR_009082)

Description: Software application for detecting recent effective population size reductions

from allele data frequencies (entry from Genetic Analysis Software)

Abbreviations: BOTTLENECK

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, ms-windows, (95)

Funding:

Resource Name: BOTTLENECK

Resource ID: SCR_009082

Alternate IDs: nlx_154093

Record Creation Time: 20220129T080251+0000

Record Last Update: 20250420T015741+0000

Ratings and Alerts

No rating or validation information has been found for BOTTLENECK.

No alerts have been found for BOTTLENECK.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 448 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Liang H, et al. (2025) The multi-target mechanism of action of Selaginella doederleinii Hieron in the treatment of nasopharyngeal carcinoma: a network pharmacology and multi-omics analysis. Scientific reports, 15(1), 159.

Parreira BR, et al. (2025) Effects of Social Structure on Effective Population Size Change Estimates. Evolutionary applications, 18(1), e70063.

Orkin JD, et al. (2025) Landscape and conservation genetics of western black crested gibbons (Nomascus concolor) in China. American journal of primatology, 87(1), e23662.

Ma Y, et al. (2025) Exploring the comorbidity mechanisms between atherosclerosis and hashimoto's thyroiditis based on microarray and single-cell sequencing analysis. Scientific reports, 15(1), 1792.

Thomas NE, et al. (2025) Spatio-Temporal Changes in Effective Population Size in an Expanding Metapopulation of Eurasian Otters. Evolutionary applications, 18(1), e70067.

E Souza KDS, et al. (2025) Demographic and historical processes influencing Cochliomyia hominivorax (Diptera: Calliphoridae) population structure across South America. Parasites & vectors, 18(1), 18.

Bernaerts Y, et al. (2025) Combined statistical-biophysical modeling links ion channel genes to physiology of cortical neuron types. bioRxiv: the preprint server for biology.

Zhu W, et al. (2025) Analyzing gene-based apoptotic biomarkers in insomnia using bioinformatics. Medicine, 104(3), e40965.

Wang Y, et al. (2024) A steel defect detection method based on edge feature extraction via the Sobel operator. Scientific reports, 14(1), 27694.

Low VF, et al. (2024) Visualizing the human olfactory projection and ancillary structures in a 3D reconstruction. Communications biology, 7(1), 1467.

Szczepa?ski S, et al. (2024) Hybridization has localized effect on genetic variation in closely related pine species. BMC plant biology, 24(1), 1007.

Ding R, et al. (2024) G6PD is a prognostic biomarker correlated with immune infiltrates in lung adenocarcinoma and pulmonary arterial hypertension. Aging, 16(1), 466.

Jaito W, et al. (2024) Shared alleles and genetic structures in different Thai domestic cat breeds: the possible influence of common racial origins. Genomics & informatics, 22(1), 12.

Le Roux R, et al. (2024) High conservation importance of range-edge populations of Hooded Vultures (Necrosyrtes monachus). Scientific reports, 14(1), 18040.

Sharma SP, et al. (2024) Population status and genetic assessment of mugger (Crocodylus palustris) in a tropical regulated river system in North India. Scientific reports, 14(1), 7438.

An Q, et al. (2024) Identification of common genes of rhinovirus single/double?stranded RNA?induced asthma deterioration by bioinformatics analysis. Experimental and therapeutic medicine, 27(5), 210.

Wang R, et al. (2024) Research on Visual Perception of Speed Bumps for Intelligent Connected Vehicles Based on Lightweight FPNet. Sensors (Basel, Switzerland), 24(7).

Feng H, et al. (2024) Forest fragmentation causes an isolated population of the golden takin (Budorcas taxicolor bedfordi Thomas, 1911) (Artiodactyla: Bovidae) in the Qinling Mountains (China). BMC zoology, 9(1), 2.

Kim KR, et al. (2024) Assessment of the Genetic Diversity and Structure of the Korean Endemic Freshwater Fish Microphysogobio longidorsalis (Gobioninae) Using Microsatellite Markers: A First Glance from Population Genetics. Genes, 15(1).

Zhang X, et al. (2024) The Mechanism of "Treating Different Diseases with the Same Treatment" by Qiangji Jianpi Decoction in Ankylosing Spondylitis Combined with Inflammatory Bowel Disease: A Comprehensive Analysis of Multiple Methods. Gastroenterology research and practice, 2024, 9709260.