

Resource Summary Report

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BlobTools2

RRID:SCR_023351

Type: Tool

Proper Citation

BlobTools2 (RRID:SCR_023351)

Resource Information

URL: <https://blobtoolkit.genomehubs.org/blobtools2/>

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Description: Software suite for identifying and isolating non-target data in draft and publicly available genome assemblies. Used to process assembly, read and analysis files for fully reproducible interactive exploration in browser-based Viewer. Used for interactive quality assessment of genome assemblies .BlobTools2 is reimplementaion of BlobTools, written in Python 3 with fully modular design to make creating new datasets and adding additional analysis types easier.

Synonyms: blobtoolkit

Resource Type: data analysis software, data processing software, software application, software resource

Defining Citation: [PMID:32071071](#)

Keywords: interactive quality assessment, genome assemblies, identifying and isolating non-target data, genome, QC, filtering, process assembly, read and analysis files,

Funding: BBSRC Bioinformatics and Biological Resources fund

Availability: Free, Available for download, Freely available

Resource Name: BlobTools2

Resource ID: SCR_023351

Alternate URLs: <https://github.com/blobtoolkit/blobtoolkit>

License: MIT License

Record Creation Time: 20230310T050222+0000

Ratings and Alerts

No rating or validation information has been found for BlobTools2.

No alerts have been found for BlobTools2.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 383 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Kudo SN, et al. (2025) Evolution of gene expression in seasonal environments. *eLife*, 14.

Broad GR, et al. (2025) The genome sequence of the Straw-barred Pearl moth, *Pyrausta despicata* Scopoli, 1763. *Wellcome open research*, 10, 151.

Boyes D, et al. (2025) The genome sequence of Red Underwing, *Catocala nupta* Linnaeus, 1767. *Wellcome open research*, 10, 36.

Power D, et al. (2025) The genome sequence of Greek sea-spurrey, *Spergularia bocconeii* (Scheele) Graebn. (Caryophyllaceae). *Wellcome open research*, 10, 34.

Barclay MVL, et al. (2025) The genome sequence of a longhorn beetle, *Rhagium mordax* (Degeer, 1775). *Wellcome open research*, 10, 51.

Adkins P, et al. (2025) The genome sequence of the amphioxus, *Branchiostoma lanceolatum* (Pallas, 1774). *Wellcome open research*, 10, 95.

Booth R, et al. (2025) The genome sequence of a leaf beetle, *Galerucella nymphalaeae* (Linnaeus, 1758). *Wellcome open research*, 10, 57.

Barclay MVL, et al. (2025) The genome sequence of a pallopterid fly, *Toxonevra muliebris* (Harris, 1780). *Wellcome open research*, 10, 55.

Broad GR, et al. (2025) The genome sequence of an ichneumonid wasp, *Polytribax perspicillator* (Gravenhorst, 1807). *Wellcome open research*, 10, 140.

Davison NJ, et al. (2025) The genome sequence of long-finned pilot whale, *Globicephala melas* (Traill, 1809). *Wellcome open research*, 10, 180.

Hutchinson F, et al. (2025) The genome sequence of the Four-spotted Footman moth, *Lithosia quadra* (Linnaeus, 1758). *Wellcome open research*, 10, 146.

Boyes D, et al. (2025) The genome sequence of the Large Birch Bell moth, Large Birch Roller, *Epinotia brunnichana* (Linnaeus, 1767). Wellcome open research, 10, 101.

Barclay MVL, et al. (2025) The genome sequence of a beetle, *Brachypterus glaber* (Newman, 1834). Wellcome open research, 10, 10.

MacDonald ZG, et al. (2025) Whole-Genome Evaluation of Genetic Rescue: The Case of a Curiously Isolated and Endangered Butterfly. *Molecular ecology*, 34(4), e17657.

Wangwiwatsin A, et al. (2025) The genome sequence of the liver fluke *Opisthorchis viverrini* (Poirier, 1886) Stiles & Hassall, 1896. Wellcome open research, 10, 1.

Sivell D, et al. (2025) The genome sequence of a carabid beetle, *Carabus problematicus* Herbst, 1786. Wellcome open research, 10, 59.

Simmons NB, et al. (2025) The genome sequence of *Glossophaga mutica* (Chiroptera, Phyllostomidae, Glossophaginae; Merriam, 1898). Wellcome open research, 10, 174.

Crowley LM, et al. (2025) The genome sequence of a snail-killing fly, *Dichetophora obliterata* (Fabricius, 1805). Wellcome open research, 10, 176.

Sivell D, et al. (2025) The genome sequence of the click beetle, *Ampedus sanguinolentus sanguinolentus* (Schrank, 1776). Wellcome open research, 10, 96.

Schell T, et al. (2025) Establishing genome sequencing and assembly for non-model and emerging model organisms: a brief guide. *Frontiers in zoology*, 22(1), 7.