

Resource Summary Report

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Bestus Bioinformaticus Duk

RRID:SCR_016969

Type: Tool

Proper Citation

Bestus Bioinformaticus Duk (RRID:SCR_016969)

Resource Information

URL: <https://jgi.doe.gov/data-and-tools/bbtools/bb-tools-user-guide/bbduk-guide/>

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Description: Software tool for trimming and filtering sequencing data. Used to combine data quality related trimming, filtering, and masking operations into a single tool adapter. BBDuk2 allows multiple kmer based operations in a single pass.

Abbreviations: BBDuk

Synonyms: BB Duk, Decontamination Using Kmers, Bestus Bioinformaticus Decontamination using kmers, BBDuk2, BBDUK, BBDuk, BBDuk 2, Bestus Bioinformaticus Decontamination Using kmers

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

Keywords: sequencing, data, quality, trimming, filtering, masking, operation, single, tool, adapter, contaminant, sequence, GC, length, entropy, format, conversion, histogram, kmer, estimation, decontamination

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Alternate URLs: <http://seqanswers.com/forums/showthread.php?t=42776>, <https://www.geneious.com/plugins/bbduk/#links>

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260808T190102+0000

Ratings and Alerts

No rating or validation information has been found for Bestus Bioinformaticus Duk.

No alerts have been found for Bestus Bioinformaticus Duk.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 212 mentions in open access literature.

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

Randolph EC, et al. (2026) Calorie Restriction Effects on Aging, Learning Performance, and Transcription in Aged *Aplysia californica*. *Genes, brain, and behavior*, 25(1), e70046.

Synowiec A, et al. (2026) Antiviral effect of poly(styrene 4-sulfonate) (PSSNa) on feline calicivirus oral infections in cats-field study. *The veterinary quarterly*, 46(1), 2616395.

Kardian AS, et al. (2026) Dominant clones leverage developmental epigenomic states to drive ependymoma. *Nature*, 652(8111), 1027.

Klann M, et al. (2026) Cell-cell communication as underlying principle governing color pattern formation in teleost fishes. *Nature communications*, 17(1).

Rana B, et al. (2026) Co-infections of malaria and dengue in Timika, a highly endemic malaria area in Central Papua, Indonesia. *PloS one*, 21(3), e0345164.

Pagliarusco T, et al. (2026) Mytho/Phaf1 is required to prevent DNA damage and tissue degeneration in *Danio rerio*. *Cell death discovery*, 12(1).

Weis AM, et al. (2026) Isolation of a highly virulent colibactin-positive tumor-promoting strain of *Escherichia coli* from the gut microbiota of an adult. *mSphere*, 11(5), e0021926.

Sorensen PO, et al. (2026) Multi-omics reveals nitrogen dynamics associated with soil microbial blooms during snowmelt. *Nature microbiology*, 11(2), 359.

Woods RA, et al. (2026) *Staphylococcus aureus* adapts to the host nutritional environment by coordinating the activity of central metabolic enzymes. *PLoS pathogens*, 22(5), e1014183.

Reis JBAD, et al. (2026) Soil Fungal Communities Across Contrasting Land-Use Systems in an Intensively Managed Cerrado Landscape. *Journal of fungi (Basel, Switzerland)*, 12(5).

Vianello SD, et al. (2026) Comparative transcriptomics reveal the common anteroposterior molecular blueprint of adult bilaterian guts. *PLoS biology*, 24(1), e3003571.

- Widdowson M, et al. (2026) Neonatal gut Bifidobacterium associates with indole-3-lactic acid levels in blood and risk of ADHD at age 10. *Molecular psychiatry*, 31(6), 3544.
- Begnel ER, et al. (2026) Comparison of gut virome in Kenyan infants born to women with and without HIV. *iScience*, 29(3), 114900.
- Gudenas BL, et al. (2026) A tumor-associated photoreceptor signature unifies distinct central nervous system malignancies. *Cancer cell*, 44(4), 831.
- Das D, et al. (2025) Ethylene promotes SMAX1 accumulation to inhibit arbuscular mycorrhiza symbiosis. *Nature communications*, 16(1), 2025.
- Záhonová K, et al. (2025) Comparative genomic analysis of trypanosomatid protists illuminates an extensive change in the nuclear genetic code. *mBio*, 16(6), e0088525.
- Mukiibi R, et al. (2025) Integrated functional genomic analysis identifies regulatory variants underlying a major QTL for disease resistance in European sea bass. *BMC biology*, 23(1), 75.
- Kim JG, et al. (2025) K-rice: a comprehensive database of Korean rice germplasm variants. *Frontiers in genetics*, 16, 1544652.
- Cheshomi N, et al. (2025) Viral concentration method biases in the detection of viral profiles in wastewater. *Applied and environmental microbiology*, 91(1), e0133924.
- Peng X, et al. (2025) Expanded genetic and functional diversity of oceanic fungi. *Microbiome*, 13(1), 179.