

Resource Summary Report

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GapCloser

RRID:SCR_015026

Type: Tool

Proper Citation

GapCloser (RRID:SCR_015026)

Resource Information

URL: <https://sourceforge.net/projects/soapdenovo2/files/GapCloser/>

Proper Citation: GapCloser (RRID:SCR_015026)

Description: Module of SOAPdenovo2 commonly used independently to close gaps in genome assemblies.

Resource Type: data analysis software, data processing software, sequence analysis software, software application, software resource, source code

Defining Citation: [PMID:23587118](#)

Keywords: gap closure, genome assembly, sequence

Availability: Free, Available for download

Resource Name: GapCloser

Resource ID: SCR_015026

License: GNU General Public License version 3.0 (GPLv3)

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260903T235305+0000

Ratings and Alerts

No rating or validation information has been found for GapCloser.

No alerts have been found for GapCloser.

Data and Source Information

Usage and Citation Metrics

We found 739 mentions in open access literature.

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

Yang X, et al. (2026) Multidrug-Resistant *Escherichia coli* Antagonized by Luteolin: A Mechanistic Insight into Virulence Suppression and Gut Microbiota Restoration. *Microorganisms*, 14(2).

Xi Y, et al. (2026) Genomic Map of *Escherichia coli* and Single Nucleotide Polymorphism Markers in Colorectal Cancer. *Microbial biotechnology*, 19(6), e70397.

Wang W, et al. (2026) Bronchoscope: an important and easily overlooked vector of clinical infection with *Klebsiella pneumoniae*. *Frontiers in cellular and infection microbiology*, 16, 1850121.

Cao S, et al. (2026) Carbapenem-resistant enterobacterales in sterile body fluids: ten-year population genomics and clinical risk factors in a tertiary hospital, 2016-2025. *Frontiers in cellular and infection microbiology*, 16, 1821740.

Wang J, et al. (2026) Bacteriocin gene-mediated ecological adaptation of *Bifidobacterium breve* in the adult human gut. *Cell genomics*, 6(4), 101106.

Jiang Y, et al. (2026) Scrotal abscess and Fournier gangrene caused by *Klebsiella pneumoniae*: a case series and literature review. *BMC infectious diseases*, 26(1).

Cai G, et al. (2026) Host-driven evolution shapes the polysaccharide utilization profiles of alga-associated *Flavobacteriaceae*. *Microbiome*, 14(1).

Lu D, et al. (2026) An annotated genome of freshwater amphipod (*Gammarus nekkensis*). *Scientific data*, 13(1).

Ma W, et al. (2026) Type A and D *Clostridium perfringens* with unique genetic evolution characteristics cause mortality in juvenile Bactrian camels. *Frontiers in cellular and infection microbiology*, 16, 1787432.

Kang TH, et al. (2026) Integrative Analysis of the Invasive Pathways of the Ragweed Leaf Beetle *Ophraella communa* LeSage 1986 (Coleoptera, Chrysomelidae) Into Domestic Areas of the Korean Peninsula. *Ecology and evolution*, 16(6), e73876.

Zhang Z, et al. (2026) Haplotype-resolved chromosome-level genome assembly of an autohexaploid oil camellia tree *Camellia osmantha*. *Scientific data*, 13(1).

Xu T, et al. (2026) Isolation and therapeutic potential of phage vB_EcoM_GXW16 against a drug-resistant avian pathogenic *Escherichia coli* strain. *Poultry science*, 105(6), 106701.

Zhang L, et al. (2026) Sex-Specific Marker Development and Identification of an XY Sex Determination System in the Tire Track Eel (*Mastacembelus favus*) via Whole-Genome

Resequencing. *Animals* : an open access journal from MDPI, 16(4).

Liu L, et al. (2026) Phenotypic and genomic characterization of tigecycline-insensitive *Klebsiella pneumoniae* strains and validation of highly virulent MDR strains. *Microbiology spectrum*, 14(5), e0322825.

Yang W, et al. (2026) Therapeutic efficacy of phage vB_SaIP_NW15 and cinnamaldehyde against drug-resistant *Salmonella* Enteritidis in a chicken infection model. *Poultry science*, 105(3), 106327.

Yang L, et al. (2026) *Akkermansia muciniphila* outer membrane protein Amuc_0904 modulates intestinal homeostasis by promoting goblet cell differentiation. *Gut microbes*, 18(1), 2587405.

Rabeau C, et al. (2026) Conserved 'Late' Effector Genes From *Leptosphaeria maculans* Inducing Gene-For-Gene Quantitative Resistance in *Brassica napus* Semi-Winter Genotypes. *Molecular plant pathology*, 27(3), e70224.

Mo Y, et al. (2026) Drug resistance mechanisms and molecular epidemiology of carbapenem-resistant *Klebsiella pneumoniae* in pulmonary infections. *BMC infectious diseases*, 26(1).

Sheng Q, et al. (2026) Silicate minerals enhance the expression of genes related to mineral dissolution by *Priestia aryabhattai* strain C4-10. *Applied and environmental microbiology*, 92(2), e0255425.

Ofori AD, et al. (2026) Genomic Basis of Lifestyle Divergence in Rice-Associated *Burkholderia*: From Pathogenesis to Plant Growth Promotion. *International journal of molecular sciences*, 27(11).