

Resource Summary Report

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SeqPrep

RRID:SCR_013004

Type: Tool

Proper Citation

SeqPrep (RRID:SCR_013004)

Resource Information

URL: <https://github.com/jstjohn/SeqPrep>

Proper Citation: SeqPrep (RRID:SCR_013004)

Description: A program to merge paired end Illumina reads that are overlapping into a single longer read.

Abbreviations: SeqPrep

Synonyms: SeqPrep - Tool for stripping adaptors and/or merging paired reads with overlap into single reads

Resource Type: software resource

Keywords: bio.tools

Funding:

Resource Name: SeqPrep

Resource ID: SCR_013004

Alternate IDs: biotools:seqprep, OMICS_01092

Alternate URLs: <https://bio.tools/seqprep>, <https://sources.debian.org/src/seqprep/>

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250214T183225+0000

Ratings and Alerts

No rating or validation information has been found for SeqPrep.

No alerts have been found for SeqPrep.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 915 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Shu L, et al. (2025) Comparative Transcriptomic Analysis Reveals New Insights into Spawn Aging in *Agaricus bisporus*: Mitochondrial Dysfunction. *International journal of molecular sciences*, 26(2).

Xu Z, et al. (2025) Creeping Stem 1 regulates directional auxin transport for lodging resistance in soybean. *Plant biotechnology journal*, 23(2), 377.

Zhou Y, et al. (2025) Dynamic mRNA Stability Buffer Transcriptional Activation During Neuronal Differentiation and Is Regulated by SAMD4A. *Journal of cellular physiology*, 240(1), e31477.

Tang X, et al. (2025) Hypoxia-preconditioned bone marrow-derived mesenchymal stem cells protect neurons from cardiac arrest-induced pyroptosis. *Neural regeneration research*, 20(4), 1103.

Zhou H, et al. (2025) Oestrogen suppresses the adipogenesis of fibro/adipogenic progenitors through reactivating the METTL3-ESR1-mediated loop in post-menopausal females. *Clinical and translational medicine*, 15(2), e70206.

Wang J, et al. (2025) Integrated Physiological, Transcriptomic and Metabolomic Analyses of the Response of Rice to Aniline Toxicity. *International journal of molecular sciences*, 26(2).

Ando D, et al. (2025) Decoding Codon Bias: The Role of tRNA Modifications in Tissue-Specific Translation. *International journal of molecular sciences*, 26(2).

Li S, et al. (2025) Influences of fluctuating nutrient loadings on nitrate-reducing microorganisms in rivers. *ISME communications*, 5(1), ycae168.

Wu Y, et al. (2024) Strain specificity of lactobacilli with promoted colonization by galactooligosaccharides administration in protecting intestinal barriers during Salmonella infection. *Journal of advanced research*, 56, 1.

Tang S, et al. (2024) Bet hedging in a unicellular microalga. *Nature communications*, 15(1), 2063.

Guo H, et al. (2024) A multi-omic assessment of the mechanisms of intestinal microbes used to treat diarrhea in early-weaned lambs. *mSystems*, 9(2), e0095323.

Wang R, et al. (2024) Increase in antioxidant capacity associated with the successful subclone of hypervirulent carbapenem-resistant *Klebsiella pneumoniae* ST11-KL64. *Nature communications*, 15(1), 67.

Long Y, et al. (2024) A robust yeast chassis: comprehensive characterization of a fast-growing *Saccharomyces cerevisiae*. *mBio*, 15(2), e0319623.

Kolakada D, et al. (2024) Peptidyl-tRNA hydrolysis rate influences the efficiency of nonsense-mediated mRNA decay. *bioRxiv : the preprint server for biology*.

Liu Y, et al. (2024) In-depth transcriptome profiling of Cherry Valley duck lungs exposed to chronic heat stress. *Frontiers in veterinary science*, 11, 1417244.

Zhang K, et al. (2024) Bifidobacterium pseudolongum-Derived Bile Acid from Dietary Carvacrol and Thymol Supplementation Attenuates Colitis via cGMP-PKG-mTORC1 Pathway. *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*, 11(43), e2406917.

Zheng X, et al. (2024) *Fusobacterium nucleatum* extracellular vesicles are enriched in colorectal cancer and facilitate bacterial adhesion. *Science advances*, 10(38), eado0016.

Shen L, et al. (2024) Construction of tissue engineered cornea with skin-derived corneal endothelial-like cell and mechanism research for the cell differentiation. *Frontiers in medicine*, 11, 1448248.

Lazaridis I, et al. (2024) The Genetic Origin of the Indo-Europeans. *bioRxiv : the preprint server for biology*.

Fan Z, et al. (2024) Liver transcriptome and physiological analyses preliminarily revealed the adaptation mechanisms of Amur grayling (*Thymallus arcticus grubei*, Dybowski, 1869) fry for dietary lipid nutrition. *Frontiers in veterinary science*, 11, 1369845.