

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

SEAL

RRID:SCR_010914

Type: Tool

Proper Citation

SEAL (RRID:SCR_010914)

Resource Information

URL: <http://biodoop-seal.sourceforge.net/>

Proper Citation: SEAL (RRID:SCR_010914)

Description: A suite of distributed software applications for aligning short DNA reads, and manipulating and analyzing short read alignments.

Abbreviations: SEAL

Resource Type: software resource

Defining Citation: [PMID:21697132](#)

Keywords: mapreduce/hadoop, bio.tools

Resource Name: SEAL

Resource ID: SCR_010914

Alternate IDs: biotools:seal, OMICS_00682

Alternate URLs: <https://bio.tools/seal>

Record Creation Time: 20220129T080301+0000

Record Last Update: 20260912T195726+0000

Ratings and Alerts

No rating or validation information has been found for SEAL.

No alerts have been found for SEAL.

Data and Source Information

Usage and Citation Metrics

We found 121 mentions in open access literature.

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

Ortner J, et al. (2025) Evaluating a population-based screening programme for early detection of liver fibrosis and cirrhosis in primary care in Germany: a cost assessment study. *BMJ open*, 15(9), e090442.

Orta-Ponce CP, et al. (2025) Microdiversity Shapes the Seasonal Niche of Prokaryotic Plankton Inhabiting Surface Waters in a Coastal Upwelling System. *Environmental microbiology reports*, 17(4), e70131.

Chen Y, et al. (2025) Efficient face information encryption and verification scheme based on full homomorphic encryption. *Scientific reports*, 15(1), 11388.

Shi X, et al. (2025) Graph based link prediction for epilepsy drug discovery. *Scientific reports*, 15(1), 34087.

Fichtner UA, et al. (2025) Predictors for psychosocial consequences of screening for liver diseases: A data-driven approach. *PloS one*, 20(4), e0319488.

Rode KD, et al. (2024) Increased pathogen exposure of a marine apex predator over three decades. *PloS one*, 19(10), e0310973.

Li W, et al. (2023) COLLAGENE enables privacy-aware federated and collaborative genomic data analysis. *Genome biology*, 24(1), 204.

Kim N, et al. (2023) Hardware-Intrinsic Physical Unclonable Functions by Harnessing Nonlinear Conductance Variation in Oxide Semiconductor-Based Diode. *Nanomaterials (Basel, Switzerland)*, 13(4).

Kim KH, et al. (2023) Amorphous ITZO-Based Selector Device for Memristor Crossbar Array. *Micromachines*, 14(3).

Wyatt NJ, et al. (2023) Phytoplankton responses to dust addition in the Fe-Mn co-limited eastern Pacific sub-Antarctic differ by source region. *Proceedings of the National Academy of Sciences of the United States of America*, 120(28), e2220111120.

Fichtner UA, et al. (2023) How do (false) positively screened patients experience a screening programme for liver cirrhosis or fibrosis in Germany? A qualitative study. *Health expectations : an international journal of public participation in health care and health policy*, 26(5), 1923.

Moser C, et al. (2023) Aggressive Mimicry and the Evolution of the Human Cognitive Niche. *Human nature (Hawthorne, N.Y.)*, 34(3), 456.

Sayed MA, et al. (2023) Oblivious network intrusion detection systems. Scientific reports, 13(1), 22308.

Nepovinnyykh E, et al. (2022) SealID: Saimaa Ringed Seal Re-Identification Dataset. Sensors (Basel, Switzerland), 22(19).

Labenz C, et al. (2022) Structured Early detection of Asymptomatic Liver Cirrhosis: Results of the population-based liver screening program SEAL. Journal of hepatology, 77(3), 695.

Ubels S, et al. (2022) Severity of oEsophageal Anastomotic Leak in patients after oesophagectomy: the SEAL score. The British journal of surgery, 109(9), 864.

Yu L, et al. (2022) HLGNN-MDA: Heuristic Learning Based on Graph Neural Networks for miRNA-Disease Association Prediction. International journal of molecular sciences, 23(21).

Zhang Q, et al. (2021) Stable isotopes reveal intensive pig husbandry practices in the middle Yellow River region by the Yangshao period (7000-5000 BP). PloS one, 16(10), e0257524.

Chen C, et al. (2021) Active cargo loading into extracellular vesicles: Highlights the heterogeneous encapsulation behaviour. Journal of extracellular vesicles, 10(13), e12163.

Choi JH, et al. (2021) Clinical outcomes of endovascular treatment for ruptured thoracic aortic disease. The Korean journal of internal medicine, 36(Suppl 1), S72.