

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

SEER

RRID:SCR_015499

Type: Tool

Proper Citation

SEER (RRID:SCR_015499)

Resource Information

URL: <https://github.com/johnlees/seer>

Proper Citation: SEER (RRID:SCR_015499)

Description: Sequence element enrichment analysis tool to perform pan-genome-wide association studies in bacteria.

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

Defining Citation: [DOI:10.1038/ncomms12797](https://doi.org/10.1038/ncomms12797), [DOI:10.1101/038463](https://doi.org/10.1101/038463)

Keywords: bacterial genome association, sequence element enrichment analysis, kmer enrichment analysis

Availability: Available for download

Resource Name: SEER

Resource ID: SCR_015499

Alternate IDs: OMICS_21699

Alternate URLs: <https://sources.debian.org/src/seer/>

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260810T040641+0000

Ratings and Alerts

No rating or validation information has been found for SEER.

No alerts have been found for SEER.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 547 mentions in open access literature.

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

Zhang W, et al. (2026) Modeling the Effect of Treatments on Prostate Cancer-Specific Mortality and the Relevant Geographical Variation and Racial Disparities. *Cancers*, 18(6).

Rouse KJ, et al. (2026) Comparative Modeling of Recent and Projected Trends in the Incidence and Mortality of Uterine Cancer. *Obstetrics and gynecology*, 147(4), 585.

Shi X, et al. (2026) Construction of an explainable machine learning model based on SHAP for predicting cardiovascular mortality risk among American cancer survivors. *Discover oncology*, 17(1).

Huang ES, et al. (2026) Sessile Serrated Lesion Detection Rate and Colorectal Cancer Risk and Mortality. *JAMA network open*, 9(2), e2556964.

Zhang R, et al. (2026) Clinical Features and Prognostic Indicators for Brainstem Ependymomas : A Population-Based Retrospective Surveillance, Epidemiology, and End Results Database Analysis. *Journal of Korean Neurosurgical Society*, 69(2), 272.

Zhang Z, et al. (2026) Comparison of oncological outcomes between wedge resection and segmentectomy for T1a/bN0M0 non-small-cell lung cancer: a population-based retrospective cohort study. *International journal of surgery (London, England)*, 112(1), 1110.

Kabayundo J, et al. (2026) The Mediating Effect of Socioeconomic Status and Persistent Poverty on Racial and Ethnic Disparities in Pediatric Cancer Mortality in the United States. *Cancer medicine*, 15(3), e71638.

Gao Y, et al. (2026) Development and validation of an online prognostic risk stratification tool to assist decisions on perioperative chemotherapy for men with luminal early breast cancer. *Breast cancer research : BCR*, 28(1).

Zhang H, et al. (2026) Individual and composite sociodemographic inequalities in treatment, survival, and survival improvement in glioblastoma: An observational study. *Medicine*, 105(26), e49454.

Hassan T, et al. (2026) Thymoma in the United States (2000-2023): Population-Based Incidence, Treatment Patterns, and Survival. *Cureus*, 18(5), e109823.

Gomez SL, et al. (2026) Breast Cancer Incidence in Asian American, Native Hawaiian, and Pacific Islander Populations, 2000-2022. *JAMA network open*, 9(6), e2621250.

Lin P, et al. (2026) Construction and testing of a nomogram for patients with pancreatic signet-ring cell carcinoma and analysis of treatment-related survival differences: a study based on the Surveillance, Epidemiology, and End Results (SEER) database. *Translational cancer research*, 15(5), 385.

Woodson K, et al. (2026) Population-Level Survival Trends in Hematologic Malignancies: A Surveillance, Epidemiology, and End Results (SEER) Analysis of 494,244 Patients From 2000 to 2020. *Cureus*, 18(6), e111845.

Schmitt AM, et al. (2026) Association of cancer incidence and randomized trial evidence for FDA approval of new cancer drugs. *American journal of epidemiology*, 195(1), 275.

Ozsoy C, et al. (2026) Advanced age increases cancer-specific mortality in bone-only metastatic prostate cancer: a SEER analysis. *Scientific reports*, 16(1).

Huang J, et al. (2026) Impact of Dual Thyroid and Prostate Cancer Diagnosis on Patient Survival: Insights From a Large Cohort Study. *Medical science monitor : international medical journal of experimental and clinical research*, 32, e951336.

Yang Z, et al. (2026) Neoadjuvant Chemotherapy for Male Breast Cancer: A Retrospective Cohort Study. *Cancer medicine*, 15(6), e71987.

He M, et al. (2026) Efficacy comparison of preoperative versus postoperative radiotherapy for rectal cancer: an analysis based on the SEER database. *Discover oncology*, 17(1).

Huang K, et al. (2026) Association of surgical resection with survival in retroperitoneal leiomyosarcoma based on SEER propensity score matching and machine-learning models. *Scientific reports*, 16(1).

Wei KC, et al. (2026) BaGPipe: an automated, reproducible, and flexible pipeline for bacterial genome-wide association studies. *BMC microbiology*, 26(1).