

Resource Summary Report

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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, software application, software resource, sequence analysis software, data processing software

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: 20260801T042748+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 463 mentions in open access literature.

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

Davis S, et al. (2025) Racialized Economic Segregation, Treatment, and Outcomes in Women with Triple-Negative Breast Cancer. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 34(6), 895.

Tao Z, et al. (2025) Influence factors and survival outcomes of different invasion sites in locally advanced thyroid cancer and new site-based risk stratification system. Endocrine, 88(2), 501.

Medha R, et al. (2025) Forty-five-year trends in intra- and extrahepatic cholangiocarcinoma: sex- and race-based insights. Annals of gastroenterology, 38(2), 214.

Wu Y, et al. (2025) Establishment of nomogram of early death in elderly pancreatic cancer patients with liver metastasis. Discover oncology, 16(1), 333.

Madhavan S, et al. (2025) Estimating the Burden of False Positives and Implementation Costs From Adding Multiple Single Cancer Tests or a Single Multi-Cancer Test to Standard-Of-Care Screening. Cancer medicine, 14(6), e70776.

Wang B, et al. (2025) Developing a predictive model and uncovering immune influences on prognosis for brain metastasis from lung carcinomas. Frontiers in oncology, 15, 1554242.

Feng Y, et al. (2025) Clinicopathological characteristics and long-term prognosis of peritoneal and retroperitoneal gastrointestinal stromal tumors. Surgical endoscopy, 39(5), 2911.

Brufsky AM, et al. (2025) Overall Survival With Palbociclib and Aromatase Inhibitor Versus Aromatase Inhibitor Alone in Older Patients With HR+/HER2- Metastatic Breast Cancer. Cancer medicine, 14(7), e70719.

Chattopadhyay A, et al. (2025) Predicting Survival Outcomes for Patients with Ovarian Cancer Using National Cancer Registry Data from Taiwan: A Retrospective Cohort Study. Women's health reports (New Rochelle, N.Y.), 6(1), 90.

H??lzel D, et al. (2025) Prolonged time to breast cancer surgery and the risk of metastasis: an explorative simulation analysis using epidemiological data from Germany and the USA. Breast cancer research and treatment, 211(1), 151.

Hong Z, et al. (2025) Comprehensive analysis of Atypical chronic myeloid leukemia (aCML): Epidemiology, clinical features, and survival outcomes based on SEER database insights. *Leukemia research reports*, 23, 100505.

Ma C, et al. (2025) Nomograms predicting cancer-specific survival and overall survival of advanced salivary gland malignancy patients: a study based on the SEER database. *Discover oncology*, 16(1), 724.

Zheng Y, et al. (2025) Comparing survival outcomes between surgical and non-surgical treatments in patients with early-onset endometrial cancer and developing a nomogram to predict survival: a study based on Eastern and Western data sets. *World journal of surgical oncology*, 23(1), 184.

Xie W, et al. (2025) Survival analysis and prognostic factors of diffuse bilateral intrapulmonary metastases in patients with non-small cell lung cancer. *Medicine*, 104(19), e42248.

Wang XM, et al. (2025) Development and validation of a prognostic model for patients with cT1-4N1-3M1 esophageal squamous cell carcinoma: based on the SEER database and the Chinese cohort study. *Frontiers in oncology*, 15, 1547462.

Zhang Q, et al. (2025) Exploring the association between chemotherapy and prognosis among patients less than 50 years old with hepatocellular carcinoma: a retrospective cohort study based on the SEER database. *Discover oncology*, 16(1), 682.

Luo Y, et al. (2025) Clinical Characteristics, Treatment and Prognosis of Primary Tracheal Adenoid Cystic Carcinoma: A Multicenter Retrospective Study. *Cancer medicine*, 14(8), e70877.

Guo Z, et al. (2025) Explainable machine learning for predicting lung metastasis of colorectal cancer. *Scientific reports*, 15(1), 13611.

Qin ZF, et al. (2025) Evaluation of LNR and modified N stage systems for prognostic stratification of metastatic lymph nodes in stage III colorectal Cancer. *Scientific reports*, 15(1), 13735.

Zhao A, et al. (2025) Epidemiology characteristics and clinical outcomes of composite Hodgkin lymphoma and diffuse large B-cell lymphoma using machine learning. *The oncologist*, 30(4).