

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

Islander

RRID:SCR_007758

Type: Tool

Proper Citation

Islander (RRID:SCR_007758)

Resource Information

URL: <http://cbs.ym.edu.tw/services/islander/about.cgi>

Proper Citation: Islander (RRID:SCR_007758)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on March 17, 2022. Islander is a comprehensive online database containing genomic islands discovered in completely sequenced bacterial genomes by the algorithm. Islands are transmitted between prokaryotic strains and therefore play a major role in genome evolution. An island often encodes an integrase gene that specifies the island's position in the host genome. Usually integrases specify tRNA genes, and the island splits the tRNA gene when it integrates. However the island also carries sequence that replaces the split-off portion, restoring an intact tRNA gene. Thus an island is often marked by a tRNA gene at one end, and a fragment of that gene at the other end. The islands in this database were identified using this principle through the following procedure: :1. Search for tRNA and tmRNA genes using tRNAscan-SE and BRUCE on whole prokaryotic genomes. :2. Search for significant hits to each tRNA and tmRNA gene using BLAST against the source genome. :3. Narrow down hits to those containing integrase genes (required for site-specific integration into the host genome). :4. Remove false positives (e.g., tRNA gene fragment not from end of gene, or in wrong orientation). :5. Enter into mysql database, display on website using Perl CGI pages., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: Islander

Resource Type: data or information resource, database

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Islander

Resource ID: SCR_007758

Alternate IDs: nif-0000-03051

Old URLs: <http://www.indiana.edu/~islander>

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260729T044155+0000

Ratings and Alerts

No rating or validation information has been found for Islander.

No alerts have been found for Islander.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1396 mentions in open access literature.

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

Ferguson LA, et al. (2025) Subclinical depressive symptoms and job stress differentially impact memory in working and retired older adults. Scientific reports, 15(1), 3163.

Naraharisetti R, et al. (2025) Timing of Infection as a Key Driver of Racial/Ethnic Disparities in Coronavirus Disease 2019 Mortality Rates During the Prevacine Period. Open forum infectious diseases, 12(1), ofae636.

Parks AL, et al. (2025) The impact of anticoagulant-related bleeding on quality of life: Development of a novel measure based on perspectives from older adults. PloS one, 20(1), e0316796.

Raval AD, et al. (2025) Real-World Evidence of Combination Therapy Use in Metastatic Hormone-Sensitive Prostate Cancer in the United States From 2017 to 2023. JCO oncology practice, 21(8), 1174.

Zane GK, et al. (2025) High Incidence and Duration of Antibiotic Use Among a Cohort of Men Who Have Sex With Men in Seattle, Washington. Open forum infectious diseases, 12(2), ofaf051.

Marcelin JR, et al. (2025) INSIDE-OUT: Introduction of Speakers at IDWeek Events-Observing for Unconscious Bias Over Time. Open forum infectious diseases, 12(2), ofaf024.

Park BY, et al. (2025) Living Near Wildfires and the Risk of Fetal Congenital Heart Defects: Evaluating Critical Windows of Vulnerability. AJP reports, 15(1), e18.

Reitsma MB, et al. (2025) Algorithms to Improve Fairness in Medicare Risk Adjustment. medRxiv : the preprint server for health sciences.

Nagata JM, et al. (2025) Multiple forms of discrimination and obsessive-compulsive disorder: a prospective cohort study. *Child and adolescent psychiatry and mental health*, 19(1), 11.

Ered A, et al. (2025) An intersectional examination of the relationship between racial/ethnic discrimination and psychotic-like experiences: the role of other psychiatric symptoms. *European psychiatry : the journal of the Association of European Psychiatrists*, 68(1), e6.

Bather JR, et al. (2025) Structural Determinants of Health Literacy Among Formerly Incarcerated Individuals: Insights From the Survey of Racism and Public Health. *Health literacy research and practice*, 9(1), e8.

Sánchez B, et al. (2025) The effectiveness of providing training and ongoing support to foster cultural humility in volunteers serving as mentors to youth of color: a mixed-methods study protocol. *BMC public health*, 25(1), 294.

Wolff SM, et al. (2025) Using the fused graphical lasso to explore the motivational self-system after a multimedia self-regulated learning training: a brief research report. *Frontiers in psychology*, 16, 1414563.

Sheerin KM, et al. (2025) Mental Health, Substance Use, Trauma Exposure, and Experiences of Discrimination Among Caregivers of Youth With Juvenile Legal System Involvement. *Journal of marital and family therapy*, 51(2), e70023.

Iftikhar A, et al. (2025) Where Do Patients With Cirrhosis Die? A CDC WONDER Analysis From 1999 to 2020. *JGH open : an open access journal of gastroenterology and hepatology*, 9(7), e70205.

Gould LH, et al. (2025) Differences in Lyme Disease Diagnosis among Medicaid and Medicare Beneficiaries, United States, 2016-2021. *Emerging infectious diseases*, 31(9), 1755.

Shaukat S, et al. (2025) Sociodemographic and health vulnerabilities associated with disaster exposure: insights from ECHO cohort. *BMC public health*, 25(1), 3034.

Goldfarb S, et al. (2025) Racial/Ethnic differences in emergency department triage assignment among visits for substance use. *PloS one*, 20(8), e0329376.

Dubey P, et al. (2025) Associations of mental disorders with maternal health outcomes. *Communications medicine*, 5(1), 350.

McGuire A, et al. (2025) Use of Cognitive-Behavioral Therapy in a Nation-Wide Veterans Health Administration Sample: The Role of Clinic, Therapist, and Patient Factors. *Health services research*, 60(4), e14604.