

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

[pIRS](#)

RRID:SCR_002519

Type: Tool

Proper Citation

pIRS (RRID:SCR_002519)

Resource Information

URL: <http://code.google.com/p/pirs/>

Proper Citation: pIRS (RRID:SCR_002519)

Description: Software for de novo data simulation. It uses empirical distribution to reproduce Illumina pair-end reads with real distribution of substitution sequencing errors, quality values and GC%-depth bias.

Synonyms: pIRS (profile based Illumina pair-end Reads Simulator), profile based Illumina pair-end Reads Simulator

Resource Type: software resource, software application, simulation software

Defining Citation: [PMID:22508794](#)

Keywords: de novo data simulation, empirical distribution, illumina pair-end read, substitution sequencing error, gc depth bias

Availability: Free, Available for download, Freely available

Resource Name: pIRS

Resource ID: SCR_002519

Alternate IDs: OMICS_00254

License: New BSD License

License URLs: <https://opensource.org/licenses/BSD-3-Clause>

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260801T190209+0000

Ratings and Alerts

No rating or validation information has been found for pIRS.

No alerts have been found for pIRS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 74 mentions in open access literature.

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

Palmieri A, et al. (2025) Strengths and Limits of Psychodynamic Intervention Rating Scale (PIRS) in Capturing Psychotherapeutic Micro-Process: A Systematic Review. *Clinical psychology & psychotherapy*, 32(3), e70073.

Su W, et al. (2025) The Efficacy of Pediatric-Inspired Regimens vs. Hyper-CVAD in the Treatment of Adolescents and Young Adults With Acute Lymphoblastic Leukemia: A Systematic Review and Meta-Analysis. *American journal of hematology*, 100(5), 847.

, et al. (2024) Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021. *Lancet (London, England)*, 403(10440), 2204.

Friesen VM, et al. (2024) Monitoring Biofortification Program Performance and Potential for Impact: Indicators, Methods, and Learnings from the Commercialization of Biofortified Crops Program in Six Countries across Africa and Asia. *Current developments in nutrition*, 8(12), 104498.

Golov AK, et al. (2024) A genome-wide nucleosome-resolution map of promoter-centered interactions in human cells corroborates the enhancer-promoter looping model. *eLife*, 12.

Shu J, et al. (2024) Genome-wide screening and functional validation of methylation barriers near promoters. *Nucleic acids research*, 52(9), 4857.

Prokina KI, et al. (2024) Refurbishing the marine parasitoid order Pirsoniales with newly (re)described marine and freshwater free-living predators. *The Journal of eukaryotic microbiology*, 71(6), e13061.

Wang S, et al. (2024) The relationship between weight-adjusted-waist index, body mass index and diabetic retinopathy among American adults: a population-based analysis. *Scientific reports*, 14(1), 23837.

Dilixiati D, et al. (2024) Association between leucocyte telomere length and erectile dysfunction in US adults: a secondary study based on 2001-2002 NHANES data. *BMJ open*, 14(4), e077808.

K?I?ç S, et al. (2024) Comparison of long-term outcomes of laparoscopic percutaneous internal ring suturing and classic open approach for inguinal hernia repair in children. *Annals of the Royal College of Surgeons of England*, 106(8), 718.

Solares E, et al. (2023) Insights into the domestication of avocado and potential genetic contributors to heterodichogamy. *G3 (Bethesda, Md.)*, 13(2).

Di Gregorio S, et al. (2023) Genomic epidemiology of *Staphylococcus aureus* isolated from bloodstream infections in South America during 2019 supports regional surveillance. *Microbial genomics*, 9(5).

Feng C, et al. (2023) Recombination Variation Shapes Phylogeny and Introgression in Wild Diploid Strawberries. *Molecular biology and evolution*, 40(3).

Yun S, et al. (2023) Proxy methods for detection of inhalation exposure in simulated office environments. *Journal of exposure science & environmental epidemiology*, 33(3), 396.

Tomás-Daza L, et al. (2023) Low input capture Hi-C (liCHi-C) identifies promoter-enhancer interactions at high-resolution. *Nature communications*, 14(1), 268.

Crook-Rumsey M, et al. (2023) Multicohort cross-sectional study of cognitive and behavioural digital biomarkers in neurodegeneration: the Living Lab Study protocol. *BMJ open*, 13(8), e072094.

Wang M, et al. (2023) Cellular reprogramming is driven by widespread rewiring of promoter-enhancer interactions. *BMC biology*, 21(1), 264.

Wang H, et al. (2022) Piwi/piRNAs control food intake by promoting neuropeptide F expression in locusts. *EMBO reports*, 23(3), e50851.

Axelrod ML, et al. (2022) Peripheral Blood Monocyte Abundance Predicts Outcomes in Patients with Breast Cancer. *Cancer research communications*, 2(5), 286.

Moeller M, et al. (2021) An association between prediction errors and risk-seeking: Theory and behavioral evidence. *PLoS computational biology*, 17(7), e1009213.