

Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

Ibis

RRID:SCR_011865

Type: Tool

Proper Citation

Ibis (RRID:SCR_011865)

Resource Information

URL: <https://bioinf.eva.mpg.de/ibis/>

Proper Citation: Ibis (RRID:SCR_011865)

Description: An accurate, fast and easy-to-use base caller for the Illumina sequencing system, which significantly reduces the error rate and increases the output of usable reads.

Abbreviations: Ibis

Synonyms: Improved base identification system

Resource Type: software resource

Resource Name: Ibis

Resource ID: SCR_011865

Alternate IDs: OMICS_01151

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260725T190722+0000

Ratings and Alerts

No rating or validation information has been found for Ibis.

No alerts have been found for Ibis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Borhani S, et al. (2025) Automatic detection of persistent physiological changes after COVID infection via wearable devices with potential for long COVID management. Scientific reports, 15(1), 29443.

Lansky S, et al. (2025) Structural dynamics and permeability of the TRPV3 pentamer. Nature communications, 16(1), 4520.

Parlato S, et al. (2025) Fully automated template matching method for ECG-free heartbeat detection in cardiomechanical signals of healthy and pathological subjects. Physical and engineering sciences in medicine, 48(2), 649.

Jacobson LE, et al. (2025) Supporting self-managed abortion care in "practice not premise": a qualitative study of provider perspectives, roles, and information pathways to care in India. Sexual and reproductive health matters, 33(1), 2531680.

Frasier RM, et al. (2024) Sex differences in heart rate variability measures that predict alcohol drinking in rats. Addiction biology, 29(3), e13387.

Suárez-Martínez E, et al. (2024) Protein homeostasis maintained by HOOK1 levels promotes the tumorigenic and stemness properties of ovarian cancer cells through reticulum stress and autophagy. Journal of experimental & clinical cancer research : CR, 43(1), 150.

Brigadoi G, et al. (2024) Severe and invasive bacterial infections in infants aged less than 90 days with and without SARS-CoV-2 infection. Italian journal of pediatrics, 50(1), 148.

Quaglieri A, et al. (2024) Gambling and virtual reality: unraveling the illusion of near-misses effect. Frontiers in psychiatry, 15, 1322631.

Pettit C, et al. (2024) Photoplethysmogram beat detection using Symmetric Projection Attractor Reconstruction. Frontiers in physiology, 15, 1228439.

Kasuba KC, et al. (2024) Mechanical stimulation and electrophysiological monitoring at subcellular resolution reveals differential mechanosensation of neurons within networks. Nature nanotechnology, 19(6), 825.

Yin Z, et al. (2024) Trends in the antimicrobial susceptibility among Chinese neonates from 2012 to 2021: a multicenter study. Antimicrobial resistance and infection control, 13(1), 83.

Chao-Écija A, et al. (2023) CardioRVAR: A New R Package and Shiny Application for the Evaluation of Closed-Loop Cardiovascular Interactions. Biology, 12(11).

D'Ambrosia C, et al. (2023) The physiology of intraoperative error: using electrokardiograms to understand operator performance during robot-assisted surgery simulations. Surgical endoscopy, 37(6), 4641.

Topalidis P, et al. (2023) The Virtual Sleep Lab-A Novel Method for Accurate Four-Class Sleep Staging Using Heart-Rate Variability from Low-Cost Wearables. *Sensors (Basel, Switzerland)*, 23(5).

Navas LE, et al. (2023) NAD pool as an antitumor target against cancer stem cells in head and neck cancer. *Journal of experimental & clinical cancer research : CR*, 42(1), 55.

D'Elia KP, et al. (2023) Determinants of motor neuron functional subtypes important for locomotor speed. *Cell reports*, 42(9), 113049.

Braun B, et al. (2023) Video-based sympathetic arousal assessment via peripheral blood flow estimation. *Biomedical optics express*, 14(12), 6607.

Rinne JKA, et al. (2023) Evaluation of a wrist-worn photoplethysmography monitor for heart rate variability estimation in patients recovering from laparoscopic colon resection. *Journal of clinical monitoring and computing*, 37(1), 45.

Colognesi V, et al. (2023) Numerical assessment of wake-based estimation of instantaneous lift in flapping flight of large birds. *PloS one*, 18(5), e0284714.

Cerrito P, et al. (2022) A milk-sharing economy allows placental mammals to overcome their metabolic limits. *Proceedings of the National Academy of Sciences of the United States of America*, 119(10), e2114674119.