

Resource Summary Report

Generated by [ASWG](#) on Aug 24, 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: 20260815T182440+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 49 mentions in open access literature.

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

Suárez-Martínez E, et al. (2026) HOOK2 downregulation compromises the tumorigenic and stemness properties of ovarian cancer cells by increasing endoplasmic reticulum stress. *Cell death & disease*, 17(1).

Sanchez-Diaz L, et al. (2026) Role of WDR66 in Stemness, Therapy Resistance and Tumor microenvironment modulation in Head and Neck Cancer. *International journal of biological sciences*, 22(11), 5685.

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.

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.

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).

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).

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

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.

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.