

Resource Summary Report

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Advanced Sequence Automated Pipeline

RRID:SCR_005578

Type: Tool

Proper Citation

Advanced Sequence Automated Pipeline (RRID:SCR_005578)

Resource Information

URL: <http://biostat.mc.vanderbilt.edu/wiki/Main/ASAP>

Proper Citation: Advanced Sequence Automated Pipeline (RRID:SCR_005578)

Description: Software developed to provide a framework for building and executing a pipeline to preprocess next generation sequence data and variant calls.

Abbreviations: ASAP

Synonyms: Advanced Sequence Automated Pipeline (ASAP)

Resource Type: software resource

Defining Citation: [PMID:23289815](#)

Keywords: next generation sequencing

Availability: Free

Resource Name: Advanced Sequence Automated Pipeline

Resource ID: SCR_005578

Alternate IDs: OMICS_01033

Record Creation Time: 20220129T080231+0000

Record Last Update: 20260801T190254+0000

Ratings and Alerts

No rating or validation information has been found for Advanced Sequence Automated Pipeline.

No alerts have been found for Advanced Sequence Automated Pipeline.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 312 mentions in open access literature.

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

Chong Y, et al. (2025) Large-Scale Dermatopathology Dataset for Lesion Segmentation: Model Development and Analysis. *Journal of Korean medical science*, 40(35), e220.

Verbruggen H, et al. (2025) Scaling Up Species Delimitation From DNA Barcodes to Whole Organelle Genomes: Strong Evidence for Discordance Among Genes and Methods for the Red Alga *Dasyclonium*. *Molecular ecology resources*, 25(7), e14132.

Hébert C, et al. (2025) Large-Scale Integrative Taxonomy of the Smallest Insects Reveals Astonishing Temperate Diversity (Hymenoptera: Chalcidoidea: Mymaridae). *Molecular ecology*, 34(24), e70197.

Yu P, et al. (2025) Artificial Intelligence-Based Model Exploiting Hematoxylin and Eosin Images to Predict Rare Gene Mutations in Patients With Lung Adenocarcinoma. *JCO clinical cancer informatics*, 9, e2500093.

Sanga P, et al. (2023) Effective Removal of Sulfonamides Using Recyclable MXene-Decorated Bismuth Ferrite Nanocomposites Prepared via Hydrothermal Method. *Molecules (Basel, Switzerland)*, 28(4).

Tsai JH, et al. (2023) Nitrogen Adsorption and Characteristics of Iron, Cobalt, and Nickel Oxides Impregnated on SBA-15 Mesoporous Silica. *Nanomaterials (Basel, Switzerland)*, 13(6).

Kaczmarek-Szczepańska B, et al. (2023) 3D-Structured and Blood-Contact-Safe Graphene Materials. *International journal of molecular sciences*, 24(4).

Kajornprai T, et al. (2023) Potential Applications of Thermoresponsive Poly(N-Isopropylacrylamide)-Grafted Nylon Membranes: Effect of Grafting Yield and Architecture on Gating Performance. *Polymers*, 15(3).

Chizhov A, et al. (2023) Highly Active Nanocrystalline ZnO and Its Photo-Oxidative Properties towards Acetone Vapor. *Micromachines*, 14(5).

Shah AK, et al. (2023) Design of Nickel Supported Hierarchical ZSM-5/USY Zeolite Bifunctional Catalysts for One-Pot Menthol Synthesis via Liquid-Phase Citral Hydrogenation. *Molecules (Basel, Switzerland)*, 28(2).

Bernardo M, et al. (2023) Valorisation of spent tire rubber as carbon adsorbents for Pb(II) and W(VI) in the framework of a Circular Economy. *Environmental science and pollution*

research international, 30(30), 74820.

Matos RJR, et al. (2023) Polyvinylpyrrolidone Nanofibers Incorporating Mesoporous Bioactive Glass for Bone Tissue Engineering. *Biomimetics* (Basel, Switzerland), 8(2).

Golshan M, et al. (2023) Synergetic Photocatalytic Peroxymonosulfate Oxidation of Benzotriazole by Copper Ferrite Spinel: Factors and Mechanism Analysis. *Toxics*, 11(5).

Liu D, et al. (2022) Enhancing catalytic ozonation activity of MCM-41 via one-step incorporating fluorine and iron: The interfacial reaction induced by hydrophobic sites and Lewis acid sites. *Chemosphere*, 292, 133544.

Rückert T, et al. (2022) Clonal expansion and epigenetic inheritance of long-lasting NK cell memory. *Nature immunology*, 23(11), 1551.

Ajala LO, et al. (2022) Insights into purification of contaminated water with activated charcoal derived from hamburger seed coat. *International journal of environmental science and technology* : IJEST, 19(7), 6541.

Yu M, et al. (2022) Inhibition of organosilane/ATP@HQ self-healing passivator for pyrite oxidation. *Chemosphere*, 287(Pt 3), 132342.

Cheng N, et al. (2022) Deep Learning-Based Classification of Hepatocellular Nodular Lesions on Whole-Slide Histopathologic Images. *Gastroenterology*, 162(7), 1948.

Halawy SA, et al. (2022) Assessment of Lewis-Acidic Surface Sites Using Tetrahydrofuran as a Suitable and Smart Probe Molecule. *ChemistryOpen*, 11(3), e202200021.

de Bel T, et al. (2022) Automated quantification of levels of breast terminal duct lobular (TDLU) involution using deep learning. *NPJ breast cancer*, 8(1), 13.