# Resource Summary Report

Generated by ASWG on Aug 3, 2026

## RESNET

RRID:SCR_002121
Type: Tool

### Proper Citation

RESNET (RRID:SCR_002121)

### Resource Information

**URL:** http://www.ariadnegenomics.com/products/databases/resnet/

**Proper Citation:** RESNET (RRID:SCR_002121)

**Description:** Databases that represent sets of pre-compiled information on biological relationships and associations, interactions and facts which have been extracted from the biomedical literature using Ariadne's MedScan technology. ResNet databases store information harvested from the entire PubMed in a formal structure that allows searching, retrieval and updating by Pathway Studio user. ResNet is seamlessly installed when Pathway Studio is installed. There are several available ResNet databases: *ResNet Mammalian Database includes data for Human, Rat, and Mouse *ResNet Plant Database has data on Arabidopsis, Rice and several other plants. Features of ResNet: *All extracted relations have linked access to the original article or abstract *Synonyms and homologs are included to maintain gene identity and to obviate redundancy in search results *Users can update ResNet as often as required using the MedScan technology built into all Ariadne products *Updates are made available by Ariadne every quarter To purchase Pathway Studio software with ResNet database, for information, or to schedule a web demonstration, call our sales department at (240) 453-6272, or (866) 340-5040 (toll free)., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

**Abbreviations:** ResNet

**Synonyms:** Ariadne ResNet Databases, ResNet Databases

**Resource Type:** database, data or information resource

**Keywords:** biological relationship, biomedical, literature, interaction, FASEB list

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** RESNET

**Resource ID:** SCR_002121

**Alternate IDs:** nif-0000-20909

**Old URLs:** http://www.ariadnegenomics.com/products/databases/ariadne-resnet/

**Record Creation Time:** 20220129T080211+0000

**Record Last Update:** 20260803T040325+0000

## Ratings and Alerts

No rating or validation information has been found for RESNET.

No alerts have been found for RESNET.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 1384 mentions in open access literature.

**Listed below are recent publications.** The full list is available at ASWG .

Zhao L, et al. (2025) High-accuracy prediction of mutations in nine genes in lung adenocarcinoma via two-stage multi-instance learning on large-scale whole-slide images. Diagnostic pathology, 20(1), 70.

Kasantikul R, et al. (2025) Channel-shuffled transformers for cross-modality person re-identification in video. Scientific reports, 15(1), 15009.

Lapaeva M, et al. (2025) A comprehensive comparative study of generative adversarial network architectures for synthetic computed tomography generation in the abdomen. Medical physics, 52(8), e18038.

Fadja AN, et al. (2025) A dataset of annotated African plum images from Cameroon for AI-based quality assessment. Data in brief, 59, 111351.

Wang H, et al. (2025) Physical-aware model accuracy estimation for protein complex using deep learning method. Computational and structural biotechnology journal, 27, 478.

Breen J, et al. (2025) A comprehensive evaluation of histopathology foundation models for ovarian cancer subtype classification. NPJ precision oncology, 9(1), 33.

Liao Y, et al. (2025) Artificial Intelligence for Predicting HER2 Status of Gastric Cancer Based on Whole-Slide Histopathology Images: A Retrospective Multicenter Study. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(10), e2408451.

Zhang L, et al. (2025) A New Method for Scoliosis Screening Incorporating Deep Learning With Back Images. Global spine journal, 15(4), 2062.

Stampe M, et al. (2025) Quantitative characterization of eosinophilia in nasal polyps with AI-based single cell classification. International forum of allergy & rhinology, 15(2), 188.

Du L, et al. (2025) Deep learning framework for interpretable quality control of echocardiography video. Medical physics, 52(6), 4039.

Pfaehler E, et al. (2025) Untrained perceptual loss for image denoising of line-like structures in MR images. PloS one, 20(2), e0318992.

Vidivelli S, et al. (2025) Optimising deep learning models for ophthalmological disorder classification. Scientific reports, 15(1), 3115.

Abdusalomov A, et al. (2025) Accessible AI Diagnostics and Lightweight Brain Tumor Detection on Medical Edge Devices. Bioengineering (Basel, Switzerland), 12(1).

Yu Z, et al. (2025) Early diagnosis of sepsis-associated AKI: based on destruction-replenishment contrast-enhanced ultrasonography. Frontiers in medicine, 12, 1563153.

Presacan O, et al. (2025) Merging synthetic and real embryo data for advanced AI predictions. Scientific reports, 15(1), 9805.

Rahman N, et al. (2025) Robust ensemble classifier for advanced synthetic aperture radar target classification in diverse operational conditions. Scientific reports, 15(1), 11053.

Li Y, et al. (2025) A recognition model for winter peach fruits based on improved ResNet and multi-scale feature fusion. Frontiers in plant science, 16, 1545216.

Pastor-Vargas R, et al. (2025) Cerebral ischemia detection using deep learning techniques. Health information science and systems, 13(1), 36.

Li X, et al. (2025) Non-Invasive Tumor Budding Evaluation and Correlation with Treatment Response in Bladder Cancer: A Multi-Center Cohort Study. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(22), e2416161.

Lin YT, et al. (2025) Transfer Learning and Multi-Feature Fusion-Based Deep Learning Model for Idiopathic Macular Hole Diagnosis and Grading from Optical Coherence Tomography Images. Clinical ophthalmology (Auckland, N.Z.), 19, 1593.