

Resource Summary Report

Generated by ASWG on Aug 23, 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: data or information resource, database

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: 20260821T193638+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.

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.

Liu F, et al. (2025) Enhanced digital pathology image recognition via multi-attention mechanisms: the MACC-Net approach. Scientific reports, 15(1), 31269.

Li D, et al. (2025) Deep Learning-Based Automated Detection of Oral Leukoplakia in Clinical Imaging. Cureus, 17(5), e83368.

Wei W, et al. (2025) Application of deep learning models in the pathological classification and staging of esophageal cancer: A focus on Wave-Vision Transformer. World journal of gastroenterology, 31(19), 104897.

Liu J, et al. (2025) A comparative analysis of deep learning models for assisting in the diagnosis of periapical lesions in periapical radiographs. BMC oral health, 25(1), 801.

Yang Z, et al. (2025) A steel surface defect detection method based on improved RetinaNet. Scientific reports, 15(1), 6045.

Bali M, et al. (2025) QuantumNet: An enhanced diabetic retinopathy detection model using classical deep learning-quantum transfer learning. *MethodsX*, 14, 103185.

Boroji M, et al. (2025) Ex-vivo Raman spectroscopy and AI-based classification of soft tissue sarcomas. *PloS one*, 20(9), e0330618.

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.

Desai A, et al. (2025) Multi-Class Classification of Breast Cancer Subtypes Using ResNet Architectures on Histopathological Images. *Journal of imaging*, 11(8).

Iwazaki K, et al. (2025) Compressed Sensing Reconstruction with Zero-Shot Self-Supervised Learning for High-Resolution MRI of Human Embryos. *Tomography (Ann Arbor, Mich.)*, 11(8).

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

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.

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

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

Ren Z, et al. (2025) LittleFaceNet: A Small-Sized Face Recognition Method Based on RetinaFace and AdaFace. *Journal of imaging*, 11(1).

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