

Resource Summary Report

Generated by NIF on Aug 30, 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: 20260829T182915+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 [NIF](#) .

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.

Kundu S, et al. (2025) Optimized Grasshopper Optimisation Algorithm enabled DETR (DEtection TRansformer) model for skin disease classification. PloS one, 20(5), e0323920.

Al Maruf A, et al. (2025) TransembleNet: Enhancing vector mosquito species classification through transfer learning-based ensemble model. PloS one, 20(5), e0322171.

Vinukonda ER, et al. (2025) An integrated deep learning model for early and multi-class diagnosis of Alzheimer's disease from MRI scans. Scientific reports, 15(1), 17169.

Veerlapalli P, et al. (2025) A hybrid GAN-based deep learning framework for thermogram-based breast cancer detection. Scientific reports, 15(1), 19665.

Siegel NT, et al. (2025) Do Transformers and CNNs Learn Different Concepts of Brain Age? Human brain mapping, 46(8), e70243.

Zang H, et al. (2025) Constructing segmentation method for wheat powdery mildew using deep learning. Frontiers in plant science, 16, 1524283.

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.

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.

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

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

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

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.

Magdy A, et al. (2025) Lightweight faster R-CNN for object detection in optical remote sensing images. *Scientific reports*, 15(1), 16163.

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.

Liu S, et al. (2025) LTR-Net: A deep learning-based approach for financial data prediction and risk evaluation in enterprises. *PloS one*, 20(8), e0328013.

Lin YJ, et al. (2025) Precision Oral Medicine: A DPR Segmentation and Transfer Learning Approach for Detecting Third Molar Compress Inferior Alveolar Nerve. *IEEE journal of translational engineering in health and medicine*, 13, 286.

Cao S, et al. (2025) Optimized driver fatigue detection method using multimodal neural networks. *Scientific reports*, 15(1), 12240.

Chen Q, et al. (2025) Bearing fault diagnosis based on efficient cross space multiscale CNN transformer parallelism. *Scientific reports*, 15(1), 12344.

Feng J, et al. (2025) Heterogeneous transfer learning model for improving the classification performance of fNIRS signals in motor imagery among cross-subject stroke patients. *Frontiers in human neuroscience*, 19, 1555690.