

Resource Summary Report

Generated by T1D on Jul 29, 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: 20260729T044034+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 [T1D](#) .

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.

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

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

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

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

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

Nogay HS, et al. (2025) Image-based food groups and portion prediction by using deep learning. Journal of food science, 90(3), e70116.

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).

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.

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

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

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

Chen SF, et al. (2025) Large-Scale Multi-omic Biosequence Transformers for Modeling Protein-Nucleic Acid Interactions. *ArXiv*.

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

Alrusaini OA, et al. (2025) Deep learning for steganalysis: evaluating model robustness against image transformations. *Frontiers in artificial intelligence*, 8, 1532895.

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

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

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.

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