

Resource Summary Report

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MacVector

RRID:SCR_015700

Type: Tool

Proper Citation

MacVector (RRID:SCR_015700)

Resource Information

URL: <http://macvector.com>

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Description: Software application that provides sequence editing, primer design, internet database searching, protein analysis, sequence confirmation, multiple sequence alignment, phylogenetic reconstruction, coding region analysis, agarose gel simulation and a variety of other functions.

Resource Type: software application, data analysis software, sequence analysis software, software resource, data processing software

Keywords: vector, sequence, sequence alignment, sequence editing, primer design, phylogenetic reconstruction, FASEB list

Availability: Commercially available, Available for purchase, Runs on Mac OS, Free version available

Resource Name: MacVector

Resource ID: SCR_015700

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260729T044356+0000

Ratings and Alerts

No rating or validation information has been found for MacVector.

No alerts have been found for MacVector.

Data and Source Information

Usage and Citation Metrics

We found 1496 mentions in open access literature.

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

Giglio ML, et al. (2025) An N-Terminally Elongated Peptide From *Conus rolandi* Defines a New Class of Ribbon γ -Conotoxins Targeting Muscle nAChRs. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(12), e70698.

Delgado KN, et al. (2025) Development and utilization of *Treponema pallidum* expressing green fluorescent protein to study spirochete-host interactions and antibody-mediated clearance: expanding the toolbox for syphilis research. *mBio*, 16(1), e0325324.

Olson CS, et al. (2025) Neuronal segmentation in cephalopod arms. *Nature communications*, 16(1), 443.

Gühmann M, et al. (2025) Diffdigester.uni-jena.de: a tool for optimized selection of restriction enzymes for plasmid identification in cloning procedures. *Nucleic acids research*, 53(W1), W238.

Bernardinelli E, et al. (2025) Novel genetic determinants contribute to hearing loss in a central European cohort with enlarged vestibular aqueduct. *Molecular medicine (Cambridge, Mass.)*, 31(1), 111.

Loffredo LF, et al. (2025) Heparan sulfate regulates amphiregulin programming of tissue reparative lung mesenchymal cells during influenza A virus infection in mice. *Nature communications*, 16(1), 2129.

Li Y, et al. (2025) Coordinated transfer of DNA between Pol δ and Pol ϵ resets microhomology choice during double-strand break repair. *Proceedings of the National Academy of Sciences of the United States of America*, 122(47), e2513018122.

Haque MS, et al. (2025) Identification and knockdown effect of disulfide isomerase in the *Haemaphysalis longicornis* (Acari: Ixodidae). *Revista brasileira de parasitologia veterinaria = Brazilian journal of veterinary parasitology : Orgao Oficial do Colegio Brasileiro de Parasitologia Veterinaria*, 34(4), e009125.

Loh L, et al. (2025) MAIT cells exacerbate colonic inflammation in a genetically diverse murine model of spontaneous colitis. *Mucosal immunology*, 18(4), 958.

Wermke M, et al. (2025) Autologous T cell therapy for PRAME+ advanced solid tumors in HLA-A*02+ patients: a phase 1 trial. *Nature medicine*, 31(7), 2365.

Mathieu S, et al. (2025) De novo RNA base editing in plant organelles with engineered synthetic P-type PPR editing factors. *Nucleic acids research*, 53(7).

Sillmann YM, et al. (2025) Advancing Scaffold Architecture for Bone Tissue Engineering: A Comparative Study of 3D-Printed β -TCP Constructs in Dynamic Culture with pBMSC. *Journal of functional biomaterials*, 16(9).

Sloboda S, et al. (2025) Methylation of foreign DNA overcomes the restriction barrier of *Flavobacterium psychrophilum* and allows efficient genetic manipulation. *Applied and environmental microbiology*, 91(2), e0144824.

Desalegn G, et al. (2025) A broad spectrum *Shigella* vaccine based on VirG53-353 multiepitope region produced in a cell-free system. *NPJ vaccines*, 10(1), 6.

Miettinen HM, et al. (2025) A mix-and-match reverse genetics system for evaluating genetic determinants of orthobunyavirus neurological disease. *PloS one*, 20(4), e0315694.

Okwumabua O, et al. (2025) Detection of SARS-CoV-2 and a possible variant in shelter cats. *PloS one*, 20(1), e0317104.

LaMere S, et al. (2025) Epigenetic motifs distinguishing endogenous from exogenous retroviral integrants. *Journal of virology*, 99(10), e0077525.

Gonzalez V, et al. (2025) Bat-specific adaptations in interferon signaling and GBP1 contribute to enhanced antiviral capacity. *Nature communications*, 16(1), 5735.

Olson CS, et al. (2025) Molecular and Morphological Circuitry of the Octopus Sucker Ganglion. *The Journal of comparative neurology*, 533(5), e70055.

Chiu H-J, et al. (2025) Structural dissection of vaccinia G9 identifies residues essential for membrane fusion and complex assembly. *Journal of virology*, 99(9), e0072325.