

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

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: 20260905T132758+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 1508 mentions in open access literature.

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

Olayemi A, et al. (2026) Regional Lassa virus lineages select for divergent MHC-I repertoires in *Mastomys natalensis* rodents. *PLoS pathogens*, 22(4), e1014121.

Carmona-Salido H, et al. (2026) Emergence, climate-driven expansion, and diversification of a European *Vibrio vulnificus* lineage (L4) with multi-host pathogenic potential. *Emerging microbes & infections*, 15(1), 2601370.

Ramassamy JL, et al. (2026) Adult T-cell leukemia/lymphoma in French Guiana (1990-2019): Epidemiology, clinical features, and HTLV-1 genetic diversity in the two main ethnic populations. *International journal of cancer*, 158(6), 1528.

Lontuo-Fogang R, et al. (2026) Development of Recombinase Polymerase Amplification and CRISPR-Cas12a-Enhanced Isothermal Amplification Assays for *Strongyloides stercoralis* DNA Detection: A Pilot Study. *The American journal of tropical medicine and hygiene*, 114(6), 1157.

Achilonu CC, et al. (2026) Functional and molecular characterization of *Aspergillus fumigatus* phosphoglucosyltransferase (Pgm): a potential target for antifungal therapy. *Journal of medical microbiology*, 75(3).

Rodgers BD, et al. (2026) Codon-optimized human Smad7 gene therapy enhances skeletal muscle mass and function in a murine model of Duchenne muscular dystrophy. *Gene therapy*, 33(1), 1.

Almeida MF, et al. (2026) Promoter Engineering of the Surfactin Operon Enhances Surfactin Production in the Environmental Strain *Bacillus subtilis* RI4914. *Current microbiology*, 83(8).

Inagaki M, et al. (2026) Cdc25-Mediated Activation of the Small GTPase RasB Is Essential for Hyphal Fusion and Symbiotic Infection of *Epichloë festucae*. *Molecular plant pathology*, 27(1), e70210.

Janssen R, et al. (2026) Conserved and diverged embryonic expression patterns of panarthropod NK-Cluster genes and new evidence for CRE-shuffling. *BMC ecology and evolution*, 26(1).

Büttrich M, et al. (2026) Functional dissection of the prototype foamy virus glycoprotein heparan sulfate binding site. *Retrovirology*, 23(1).

Ssekitoleko J, et al. (2026) Evaluation of the potential virulence of *Mycobacterium avium* subspecies paratuberculosis isolates from cattle in Uganda. *Brazilian journal of microbiology* : [publication of the Brazilian Society for Microbiology], 57(1).

Muramatsu MK, et al. (2026) Acetate uptake alleviates propionate-mediated growth restriction in *Yersinia enterocolitica*. *Infection and immunity*, 94(5), e0004326.

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.

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.

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.

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.

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.

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

Li Y, et al. (2025) Coordinated transfer of DNA between Pol γ and Pol δ 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.