

Resource Summary Report

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Vector BioLabs

RRID:SCR_011010

Type: Tool

Proper Citation

Vector BioLabs (RRID:SCR_011010)

Resource Information

URL: <https://www.vectorbiolabs.com>

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Description: Biotechnology company focused on developing gene delivery products, by using its proprietary technologies. Specializes in custom viral vector manufacturing, focusing on Adeno-Associated Viruses (AAV), Adenoviruses, and Lentiviruses. Provides essential gene delivery tools and services to accelerate biomedical research, gene therapy development, and disease modeling.

Resource Type: commercial organization, service resource

Keywords: gene delivery products and services, recombinant adenoviruses, adeno-associated virus (AAV), lentivirus

Resource Name: Vector BioLabs

Resource ID: SCR_011010

Old URLs: <http://www.scienceexchange.com/facilities/vector-biolabs>

Record Creation Time: 20220129T080302+0000

Record Last Update: 20260731T042840+0000

Ratings and Alerts

No rating or validation information has been found for Vector BioLabs.

No alerts have been found for Vector BioLabs.

Data and Source Information

Usage and Citation Metrics

We found 2643 mentions in open access literature.

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

Sun X, et al. (2025) Mitochondrial fission produces a Warburg effect via the oxidative inhibition of prolyl hydroxylase domain-2. *Redox biology*, 81, 103529.

Pearl AJ, et al. (2025) Midbrain ghrelin receptor signalling regulates binge drinking in a sex specific manner. *Nature communications*, 16(1), 2568.

Weiser-Bitoun I, et al. (2025) Spatiotemporal profiling of protein kinase A activity in spontaneously beating hiPSC-derived cardiac organoids. *iScience*, 28(3), 112005.

Sugimoto A, et al. (2025) Hepatic stellate cells control liver zonation, size and functions via R-spondin 3. *Nature*, 640(8059), 752.

Tripathi M, et al. (2025) ESRRA (estrogen related receptor, alpha) induces ribosomal protein RPLP1-mediated adaptive hepatic translation during prolonged starvation. *Autophagy*, 21(6), 1283.

Nilsson CI, et al. (2025) Somatostatin triggers local cAMP and Ca²⁺ signaling in primary cilia to modulate pancreatic β -cell function. *The EMBO journal*, 44(6), 1663.

Niedowicz DM, et al. (2025) Nicorandil treatment improves survival and spatial learning in aged granulin knockout mice. *Brain pathology (Zurich, Switzerland)*, 35(3), e13312.

Abd El-Aziz TM, et al. (2025) LRRC8 channel complexes counterbalance KATP channels to mediate swell-secretion coupling in mouse pancreatic β cells. *JCI insight*, 10(11).

Jeon J, et al. (2025) Blockade of the vaspin-AP-1 axis inhibits arthritis development. *Experimental & molecular medicine*, 57(3), 628.

Zhu P, et al. (2025) Immunomodulatory role of the stem cell circadian clock in muscle repair. *Science advances*, 11(10), eadq8538.

Wu Y, et al. (2025) Integrating Affinity Chromatography in the Platform Process for Adenovirus Purification. *Biotechnology and bioengineering*, 122(7), 1780.

Shah JR, et al. (2025) Liposomal oncolytic adenovirus as a neoadjuvant therapy for triple-negative breast cancer. *Scientific reports*, 15(1), 16737.

Tieu KV, et al. (2025) SARS-CoV-2 S-protein expression drives syncytia formation in endothelial cells. *Scientific reports*, 15(1), 3549.

Wang Y, et al. (2025) ABCA6 Regulates Chondrogenesis and Inhibits Joint Degeneration via Orchestrated Cholesterol Efflux and Cellular Senescence. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(10), e2410414.

Mouso T, et al. (2025) Survivin modulates stiffness-induced vascular smooth muscle cell motility. *APL bioengineering*, 9(2), 026120.

Bovee CE, et al. (2025) Transcriptional Response to Fasting Studied in the Liver of Mice That Express Phosphorylation Resistant Perilipin 5. *Endocrinology*, 166(6).

Nguyen DC, et al. (2025) TGF β -activated kinase 1 signaling controls acquisition of the inflammatory fibroblast phenotype and regulates cardiac remodeling after myocardial infarction. *Research square*.

Lazimi CS, et al. (2025) Efficient transduction of pancreas tissue slices with genetically encoded calcium integrators. *bioRxiv : the preprint server for biology*.

Cichon J, et al. (2025) Nitrous oxide activates layer 5 prefrontal neurons via SK2 channel inhibition for antidepressant effect. *Nature communications*, 16(1), 2999.

Dinh J, et al. (2025) The microprotein C16orf74/MICT1 promotes thermogenesis in brown adipose tissue. *The EMBO journal*, 44(12), 3381.