# Resource Summary Report

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## Los Alamos National Laboratory

RRID:SCR_011349
Type: Tool

### Proper Citation

Los Alamos National Laboratory (RRID:SCR_011349)

### Resource Information

**URL:** http://www.lanl.gov/

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**Description:** Los Alamos National Laboratory is a premier national security research institution, delivering scientific and engineering solutions for the nation"s most crucial and complex problems. Our primary responsibility is ensuring the safety, security, and reliability of the nation"s nuclear deterrent. The Los Alamos of today emphasizes worker safety, effective operational safeguards & security, and environmental stewardship, while outstanding science remains the foundation of the Laboratory. In addition to supporting the Lab"s core national security mission, our work advances bioscience, chemistry, computer science, earth and environmental sciences, materials science, and physics disciplines.

**Abbreviations:** LANL

**Synonyms:** Los Alamos

**Resource Type:** national laboratory

**Resource Name:** Los Alamos National Laboratory

**Resource ID:** SCR_011349

**Alternate IDs:** nlx_71073

**Record Creation Time:** 20220129T080304+0000

**Record Last Update:** 20260808T185948+0000

### Ratings and Alerts

No rating or validation information has been found for Los Alamos National Laboratory.

No alerts have been found for Los Alamos National Laboratory.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 25 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET .


Rhodehouse K, et al. (2026) Dynamics of natural and pharmacologic control of an SIV variant with an envelope trafficking defect. The Journal of experimental medicine, 223(2).

Hansen D, et al. (2025) Impact of HIV-1 capsid polymorphisms on viral infectivity and susceptibility to lenacapavir. mBio, 16(5), e0018725.

Omar S, et al. (2024) The evolution of envelope function during coinfection with phylogenetically distinct human immunodeficiency virus. BMC infectious diseases, 24(1), 934.

Kuznetsova A, et al. (2023) Features of Tat Protein in HIV-1 Sub-Subtype A6 Variants Circulating in the Moscow Region, Russia. Viruses, 15(11).

Kiros M, et al. (2023) Low level of HIV-1C integrase strand transfer inhibitor resistance mutations among recently diagnosed ART-naive Ethiopians. Scientific reports, 13(1), 6546.

Mkhize NN, et al. (2023) Neutralization profiles of HIV-1 viruses from the VRC01 Antibody Mediated Prevention (AMP) trials. PLoS pathogens, 19(6), e1011469.

Sun W, et al. (2023) Phenotypic signatures of immune selection in HIV-1 reservoir cells. Nature, 614(7947), 309.

Akrobotu PD, et al. (2022) A QUBO formulation for top-?? eigencentrality nodes. PloS one, 17(7), e0271292.

Zhang J, et al. (2022) Mathematical Modeling and Computational Prediction of High-Risk Types of Human Papillomaviruses. Computational and mathematical methods in medicine, 2022, 1515810.

Nolan DJ, et al. (2022) The Persistence of HIV Diversity, Transcription, and Nef Protein in Kaposi's Sarcoma Tumors during Antiretroviral Therapy. Viruses, 14(12).

Crooks ET, et al. (2021) Engineering well-expressed, V2-immunofocusing HIV-1 envelope glycoprotein membrane trimers for use in heterologous prime-boost vaccine regimens. PLoS pathogens, 17(10), e1009807.

Lumngwena EN, et al. (2020) Selective transmission of some HIV-1 subtype C variants might depend on Envelope stimulating dendritic cells to secrete IL-10. PloS one, 15(1), e0227533.

Schouest B, et al. (2020) Tetherin downmodulation by SIVmac Nef lost with the H196Q escape variant is restored by an upstream variant. PloS one, 15(8), e0225420.

Erickson KE, et al. (2019) Modeling cell line-specific recruitment of signaling proteins to the insulin-like growth factor 1 receptor. PLoS computational biology, 15(1), e1006706.

Currenti J, et al. (2019) Deep sequence analysis of HIV adaptation following vertical transmission reveals the impact of immune pressure on the evolution of HIV. PLoS pathogens, 15(12), e1008177.

Singh G, et al. (2018) Identification of conserved, primary sequence motifs that direct retrovirus RNA fate. Nucleic acids research, 46(14), 7366.

Kuo HH, et al. (2018) Anti-apoptotic Protein BIRC5 Maintains Survival of HIV-1-Infected CD4+ T Cells. Immunity, 48(6), 1183.

Himes JE, et al. (2018) Polyclonal HIV envelope-specific breast milk antibodies limit founder SHIV acquisition and cell-associated virus loads in infant rhesus monkeys. Mucosal immunology, 11(6), 1716.

Guerrero S, et al. (2016) Translational regulation of APOBEC3G mRNA by Vif requires its 5'UTR and contributes to restoring HIV-1 infectivity. Scientific reports, 6, 39507.

McCoy LE, et al. (2016) Holes in the Glycan Shield of the Native HIV Envelope Are a Target of Trimer-Elicited Neutralizing Antibodies. Cell reports, 16(9), 2327.