Resource Summary Report

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La Jolla Institute for Immunology Next Generation Sequencing Core Facility

RRID:SCR_023107
Type: Tool

Proper Citation

La Jolla Institute for Immunology Next Generation Sequencing Core Facility (RRID:SCR_023107)

Resource Information

URL: https://www.lji.org/research/research-services/sequencing/

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Description: Core provides latest sequencing technology combined with Institute's expansive bioinformatics capabilities. Provides instrumentation including Illumina Miseq, Covaris Model E220, NovaSeq 6000, Agilent 2200 Tapestation, Beckman Coulter Biomek FXP, HiSeq 2500.

Synonyms: La Jolla Institute for Immunology Next Generation Sequencing Facility

Resource Type: access service resource, core facility, service resource

Keywords: ABRF, USEDit, Next Generation Sequencing, sequencing technology

Funding: NIH Office of the Director S10OD016262;
NIH Office of the Director S10OD025052

Availability: Open

Resource Name: La Jolla Institute for Immunology Next Generation Sequencing Core Facility

Resource ID: SCR_023107

Record Creation Time: 20230106T050206+0000

Record Last Update: 20260829T183334+0000

Ratings and Alerts

No rating or validation information has been found for La Jolla Institute for Immunology Next Generation Sequencing Core Facility.

No alerts have been found for La Jolla Institute for Immunology Next Generation Sequencing Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Johansson E, et al. (2026) Symptomatic SARS-CoV-2 breakthrough infections broaden the repertoire of Spike-reactive CD4 T cells. mBio, 17(1), e0354925.

Suzuki K, et al. (2026) Loss of TET function in T regulatory cells yields ex-Treg cells biased toward T follicular helper cells, causing autoimmune diseases through autoantibody production. Frontiers in immunology, 17, 1684023.

Willemsen L, et al. (2026) Pre-existing antibodies predict protection while mucosal inflammation correlates with symptomatic Bordetella pertussis infection. medRxiv : the preprint server for health sciences.

Saminathan P, et al. (2025) LPC 18:2-Driven Apoptosis In Neutrophils Is Non-Inflammatory and Lipid Raft Dependent. bioRxiv : the preprint server for biology.

Freuchet A, et al. (2025) Differential memory enrichment of cytotoxic CD4 T cells in Parkinson's disease patients reactive to ??-synuclein. NPJ Parkinson's disease, 11(1), 127.

Suzuki K, et al. (2025) Loss of TET function in T regulatory cells yields ex-Treg cells biased toward T follicular helper cells, causing autoimmune diseases through autoantibody production. bioRxiv : the preprint server for biology.

Zhuang C, et al. (2024) A novel gain-of-function phosphorylation site modulates PTPN22 inhibition of TCR signaling. The Journal of biological chemistry, 300(6), 107393.

Kennedy PH, et al. (2024) Post-translational modification-centric base editor screens to assess phosphorylation site functionality in high throughput. Nature methods, 21(6), 1033.

Johnson WT, et al. (2024) Immunomodulatory Nanoparticles for Modulating Arthritis Flares. ACS nano, 18(3), 1892.