

Resource Summary Report

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Emory University NIH Tetramer Core Facility

RRID:SCR_026557

Type: Tool

Proper Citation

Emory University NIH Tetramer Core Facility (RRID:SCR_026557)

Resource Information

URL: <https://tetramer.yerkes.emory.edu>

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Description: Core produces and distributes of MHC/peptide tetramers and related reagents. Production and distribution to the research community of major histocompatibility complex (MHC) tetramers and related reagents for detection of T cell responses to viruses, bacteria, parasites, tumors, auto-antigens, and other model antigens. Reagents are provided to qualified investigators at no cost, except for shipping and handling fees and in cases where investigator is asked to provide the TCF with peptide or other appropriate ligands.

Synonyms: , NIH Tetramer Facility, NIH Tetramer Core Facility

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

Keywords: ABRF, produces and distributes of MHC/peptide tetramers and related reagents, MHC/peptide tetramers, histocompatibility complex (MHC) tetramers,

Availability: Open

Resource Name: Emory University NIH Tetramer Core Facility

Resource ID: SCR_026557

Alternate IDs: ABRF_3093

Alternate URLs: <https://coremarketplace.org/?FacilityID=3093&citation=1>

Record Creation Time: 20250311T060327+0000

Record Last Update: 20260728T043739+0000

Ratings and Alerts

No rating or validation information has been found for Emory University NIH Tetramer Core Facility.

No alerts have been found for Emory University NIH Tetramer Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Burn TN, et al. (2026) Antigen reactivity defines tissue-resident memory and exhausted T???cells in tumors. Nature immunology, 27(1), 98.

Jackson MT, et al. (2026) TMEM33 deletion potentiates anti-tumor CD8+ T cell immunity. bioRxiv : the preprint server for biology.

Pathak S, et al. (2026) Combined nonmyeloablative total lymphoid irradiation and low-dose total body irradiation enhances donor chimerism and leads to islet allograft acceptance. American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons, 26(1), 65.

Lobb TA, et al. (2026) Type I interferon restricts mRNA vaccine efficacy through suppression of antigen uptake in cDCs. NPJ vaccines.

Panetti C, et al. (2025) The co-inhibitory receptor TIGIT promotes tissue-protective functions in T cells. Nature immunology, 26(11), 2074.

Kim DV, et al. (2025) E. coli-activated cellular circuit restrains intestinal inflammatory microbiota-specific T cells and protects against colitis. Cell reports, 44(10), 116332.

Motmaen A, et al. (2025) Targeting peptide-MHC complexes with designed T cell receptors and antibodies. bioRxiv : the preprint server for biology.

Schultz MD, et al. (2025) Mucosal delivery of influenza antigens using a replication deficient adenovirus supports broadly reactive antibody responses and heterologous viral immunity in the respiratory tract of animals. bioRxiv : the preprint server for biology.

Reilly SP, et al. (2025) Unconventional CD8+ T cell surveillance of cytomegalovirus via Qa-1/HLA-E-restricted epitope recognition. Science advances, 11(51), eaea8707.

Chen R, et al. (2025) Transplants foster B cell alloimmunity by relaying extracellular vesicles to follicular dendritic cells. Cell reports, 44(6), 115832.

John V, et al. (2025) CD1d+ Goblet Cells Expand Colon-Resident Immature, Intermediate and Differentiated iNKT Cells to Limit Colitis. Research square.

Yousif A, et al. (2025) Faithful modeling of terminal CD8+T cell dysfunction and epigenetic stabilization in vitro. JCI insight, 10(19).

Rivera CA, et al. (2025) Endogenous retroelements promote tolerance to dietary antigens. bioRxiv : the preprint server for biology.

Manandhar P, et al. (2025) Tim-3 Promotes Early Differentiation of Tbet+ Effector T Cells During Acute Viral Infection. bioRxiv : the preprint server for biology.

Girdhar K, et al. (2025) Impact of Parabacteroides distasonis colonization on host microbiome, metabolome, immunity, and diabetes onset. Journal of molecular endocrinology, 75(2).

Adams AC, et al. (2025) Structural changes from wild-type define tumor-rejecting neoantigens. Journal for immunotherapy of cancer, 13(10).

Sagie S, et al. (2025) Lymphodepleting chemotherapy potentiates neoantigen-directed T cell therapy by enhancing antigen presentation. Cell reports. Medicine, 6(12), 102506.

Zhu K, et al. (2025) CD2 and its ligands are involved in development and activation of MAIT cells. The Journal of experimental medicine, 222(12).

Lin S, et al. (2025) SATB1 is a key regulator of quiescence in stem-like CD8+ T cells. Nature immunology.

Chang CC, et al. (2025) Development of potent HLA-A02:01-restricted peptide-based cytotoxic T-cells against SARS-CoV-2 infections in patients awaiting a kidney transplant. Frontiers in immunology, 16, 1664371.