

Resource Summary Report

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BioPlex

RRID:SCR_016144

Type: Tool

Proper Citation

BioPlex (RRID:SCR_016144)

Resource Information

URL: <http://bioplex.hms.harvard.edu/>

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Description: Database of cell lines with each expressing a tagged version of a protein from the ORFeome collection. The overarching project goal is to determine protein interactions for every member of the collection.

Synonyms: BioPlex (biophysical interactions of ORFeome-based complexes), Harvard BioPlex, Biophysical Interactions of Orfeome-based compLEXes (BioPLEX)

Resource Type: data repository, data or information resource, database, storage service resource, service resource

Defining Citation: [PMID:28514442](#)

Keywords: cell, line, protein, immunopurification, mass, spectrometry, interaction, bio.tools, FASEB list

Funding: NHGRI U41HG006673;
NIDDK K01 DK098285;
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Resource Name: BioPlex

Resource ID: SCR_016144

Alternate IDs: biotools:bioplex_2.0

Alternate URLs: https://bio.tools/bioplex_2.0

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260804T043637+0000

Ratings and Alerts

No rating or validation information has been found for BioPlex.

No alerts have been found for BioPlex.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1355 mentions in open access literature.

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

Marino GB, et al. (2025) GeneSetCart: assembling, augmenting, combining, visualizing, and analyzing gene sets. GigaScience, 14.

Gonzalez-Lozano MA, et al. (2025) EndoMAP.v1 charts the structural landscape of human early endosome complexes. Nature, 643(8070), 252.

Elbagir S, et al. (2025) Anti-histone and anti-nucleosome rather than anti-dsDNA antibodies associate with IFN-induced biomarkers in Sudanese and Swedish SLE patients. Rheumatology (Oxford, England), 64(3), 1170.

Zurak D, et al. (2025) Effect of supplementing corn diet for laying hens with vitamin A and trace minerals on carotenoid content and deposition efficiency in egg yolk. Poultry science, 104(3), 104843.

Alden SL, et al. (2025) Pan-tumor analysis to investigate the obesity paradox in immune checkpoint blockade. Journal for immunotherapy of cancer, 13(1).

Chepy A, et al. (2025) Immunoglobulins G from Patients with Systemic Sclerosis Modify the Molecular Signatures of Endothelial Cells. RMD open, 11(1).

Niehaus C, et al. (2025) Origin of Hypofunctional CD103+ NK Cells in Cirrhosis-Associated Ascites. European journal of immunology, 55(6), e51311.

Samuel S, et al. (2025) Deciphering Positive Cytomegalovirus Immunoglobulin M Test Results in Immunocompetent Adults Hospitalized With Illness Suspicious for Acute Cytomegalovirus Infection: A Multihospital Study. Open forum infectious diseases, 12(3), ofaf144.

Naik A, et al. (2025) Immunomodulatory effects of tumor Lactate Dehydrogenase C (LDHC) in breast cancer. Cell communication and signaling : CCS, 23(1), 145.

Tamargo CL, et al. (2025) The distal nephron biomarkers associate with diabetic kidney disease progression. JCI insight, 10(12).

Vezzani G, et al. (2025) Isolation of human monoclonal antibodies from 4CMenB vaccinees reveals PorB and LOS as the main OMV components inducing cross-strain protection. *Frontiers in immunology*, 16, 1565862.

Vandeleest JJ, et al. (2025) Differential effects of multiplex and uniplex affiliative relationships on biomarkers of inflammation. *PeerJ*, 13, e19113.

Ahmed JI, et al. (2025) Improved antibody breadth with an extended primary dose interval of COVID-19 vaccine is overcome by boosters. *Frontiers in immunology*, 16, 1529134.

Chaves YO, et al. (2025) Association between cytokine and increased risk of death in ART-naïve and ART-non-adherence patients hospitalized with advanced HIV disease. *BMC infectious diseases*, 25(1), 197.

Ndong Mebale TG, et al. (2025) Ebola and Marburg viruses IgG detections in small ruminants and dogs from villages within outbreak areas in Gabon. *PloS one*, 20(3), e0314801.

Santos-Peral A, et al. (2025) Basal T cell activation predicts yellow fever vaccine response independently of cytomegalovirus infection and sex-related immune variations. *Cell reports. Medicine*, 6(2), 101946.

Koenig L, et al. (2025) A microfluidic bone marrow chip for the safety profiling of biologics in pre-clinical drug development. *Communications biology*, 8(1), 754.

O'Brien N, et al. (2025) T cell margination: investigating the detour of T cells following forintamig treatment in humanized mice. *mAbs*, 17(1), 2440578.

Mitchell JL, et al. (2025) Activation of CXCR3⁺ Tfh cells and B cells in lymph nodes during acute HIV-1 infection correlates with HIV-specific antibody development. *Journal of virology*, 99(3), e0153224.

Gonzalez-Lozano MA, et al. (2025) EndoMAP.v1, a Structural Protein Complex Landscape of Human Endosomes. *bioRxiv : the preprint server for biology*.