

# 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:** service resource, database, storage service resource, data repository, data or information resource

**Defining Citation:** [PMID:28514442](#)

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

**Funding:** NHGRI U41HG006673;  
NIDDK K01 DK098285;  
Canadian Institutes for Health Research

**Resource Name:** BioPlex

**Resource ID:** SCR\_016144

**Alternate IDs:** biotools:bioplex\_2.0

**Alternate URLs:** [https://bio.tools/bioplex\\_2.0](https://bio.tools/bioplex_2.0)

**Record Creation Time:** 20220129T080329+0000

**Record Last Update:** 20260728T043515+0000

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## Ratings and Alerts

No rating or validation information has been found for BioPlex.

No alerts have been found for BioPlex.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1355 mentions in open access literature.

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

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 Mebaley 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.

Frøvoll TL, et al. (2025) Measuring cytokines in Eurasian tundra reindeer (*Rangifer tarandus tarandus*) with a bovine bead-based multiplex immunoassay and real-time PCR. *Acta veterinaria Scandinavica*, 67(1), 34.

Selldén T, et al. (2025) Low Th2 and high PD1+ TFh cells in blood predict remission after CTLA-4Ig treatment for 48 weeks in early rheumatoid arthritis. *PloS one*, 20(8), e0330823.

Lay S, et al. (2025) Toward a deeper understanding of dengue: novel method for quantification and isolation of envelope protein epitope-specific antibodies. *mSphere*, 10(5), e0096124.