## **Resource Summary Report**

Generated by dkNET on May 9, 2025

# **BioPlex**

RRID:SCR\_016144

Type: Tool

### **Proper Citation**

BioPlex (RRID:SCR\_016144)

#### **Resource Information**

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

**Proper Citation:** BioPlex (RRID:SCR\_016144)

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

**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

Availability: Free, Available for download

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:** 20250509T060143+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 1267 mentions in open access literature.

**Listed below are recent publications.** The full list is available at <u>dkNET</u>.

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

Wright SN, et al. (2025) State of the interactomes: an evaluation of molecular networks for generating biological insights. Molecular systems biology, 21(1), 1.

Nakashima M, et al. (2025) Fortilin binds CTNNA3 and protects it against phosphorylation, ubiquitination, and proteasomal degradation to guard cells against apoptosis. Communications biology, 8(1), 1.

Diotallevi F, et al. (2025) Circulating MicroRNAs in Patients with Psoriasis Treated with Anti-IL-23: A Cohort Study. Dermatology and therapy, 15(1), 125.

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

Scheffler JM, et al. (2025) Circulating Baseline CXCR3+Th2 and Th17 Cell Proportions Correlate With Trabecular Bone Loss After 48 Weeks of Biological Treatment in Early Rheumatoid Arthritis. ACR open rheumatology, 7(1), e11742.

Wang R, et al. (2025) Cytokine-armed vaccinia virus promotes cytotoxicity toward pancreatic carcinoma cells via activation of human intermediary CD56dimCD16dim natural killer cells.

International journal of cancer, 156(3), 638.

Mohl BP, et al. (2024) Increased Susceptibility of Rousettus aegyptiacus Bats to Respiratory SARS-CoV-2 Challenge Despite Its Distinct Tropism for Gut Epithelia in Bats. Viruses, 16(11).

Bonacci T, et al. (2024) Mechanisms of USP18 delSGylation revealed by comparative analysis with its human paralog USP41. bioRxiv: the preprint server for biology.

Lin C, et al. (2024) Defining the heterogeneous molecular landscape of lung cancer cell responses to epigenetic inhibition. bioRxiv: the preprint server for biology.

Oliveira GF, et al. (2024) Puberty Blocker, Leuprolide, Reduces Sex Differences in Roughand-Tumble Play and Anxiety-like Behavior in Juvenile Rats. Endocrinology, 165(5).

Rabøl Andersen L, et al. (2024) Higher levels of IL-1ra, IL-6, IL-8, MCP-1, MIP-3?, MIP-3?, and fractalkine are associated with 90-day mortality in 132 non-immunomodulated hospitalized patients with COVID-19. PloS one, 19(7), e0306854.

Huang A, et al. (2024) Novel hypoxia- and lactate metabolism-related molecular subtyping and prognostic signature for colorectal cancer. Journal of translational medicine, 22(1), 587.

Kuthning D, et al. (2024) Variant-specific antibody profiling for tracking SARS-CoV-2 variant infections in children and adolescents. Frontiers in immunology, 15, 1434291.

De Kesel W, et al. (2024) Antibodies against medically relevant arthropod-borne viruses in the ubiquitous African rodent Mastomys natalensis. PLoS neglected tropical diseases, 18(9), e0012233.

Church EC, et al. (2024) Probing Dermal Immunity to Mycobacteria through a Controlled Human Infection Model. ImmunoHorizons, 8(9), 695.

García-Pérez J, et al. (2024) Immunogenicity of a third dose with mRNA-vaccines in the ChAdOx1-S/BNT162b2 vaccination regimen against SARS-CoV-2 variants. iScience, 27(9), 110728.

Wang C, et al. (2024) Evaluation of the MAGLUMI HIV Ab/Ag combi test for the detection of HIV infection. Virology journal, 21(1), 290.

Springer M, et al. (2024) Loss of Sult1a1 reduces body weight and increases browning of white adipose tissue. Frontiers in endocrinology, 15, 1448107.

Berguido FJ, et al. (2024) Development of a luminex-based assay for the detection of anticapripoxvirus and rift valley fever virus antibodies in domestic ruminants. Virology journal, 21(1), 335.