

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

myc-BioID2-MCS

RRID:Addgene_74223

Type: Plasmid

Proper Citation

RRID:Addgene_74223

Plasmid Information

URL: <http://www.addgene.org/74223>

Proper Citation: RRID:Addgene_74223

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26912792](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:6147; Vector Backbone:pcDNA 3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: myc-BioID2-MCS

Record Creation Time: 20220422T222453+0000

Record Last Update: 20260912T093136+0000

Ratings and Alerts

No rating or validation information has been found for myc-BioID2-MCS.

No alerts have been found for myc-BioID2-MCS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

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

Molotkova A, et al. (2026) ROME, an Ancient Gene with a Novel Function in Vertebrates, Is a Key Modulator of Embryonal Development and Cancer Metastasis. *Cancer research communications*, 6(3), 477.

Kellett MD, et al. (2025) Focal adhesion kinase promotes ribosome biogenesis to drive advanced thyroid cancer cell growth and survival. *Frontiers in oncology*, 15, 1252544.

Tuzlakova I, Öztürk M, et al. (2025) Screening of CCDC43 molecular partners by BioID2-based proximity labeling. *Turkish journal of biology = Turk biyoloji dergisi*, 49(3), 273.

Renner J, et al. (2025) Activation of the HPV16 late promoter by viral E2 and cellular BRD4 and ZC3H4 proteins. *Journal of virology*, e0076225.

Larrea D, et al. (2025) Altered mitochondria-associated ER membrane (MAM) function shifts mitochondrial metabolism in amyotrophic lateral sclerosis (ALS). *Nature communications*, 16(1), 379.

Donahue CJ, et al. (2025) A protein-proximity screen reveals Ebola virus co-opts the mRNA decapping complex through the scaffold protein EDC4. *Nature communications*, 16(1), 8485.

Lin S, et al. (2025) RNA Helicase DDX3 Interacts with the Capsid Protein of Hepatitis E Virus and Plays a Vital Role in the Viral Replication. *Pathogens (Basel, Switzerland)*, 14(2).

Atwal MS, et al. (2025) Accumulation of TDP-43 causes karyopherin- β 4 pathology that characterises amyotrophic lateral sclerosis. *Frontiers in neuroscience*, 19, 1558227.

Tintignac L, et al. (2025) Identification of new interactors of eIF3f by endogenous proximity-dependent biotin labelling in human muscle cells. *Scientific reports*, 16(1), 2812.

Zhang X, et al. (2024) CRISPR screening identifies PRMT1 as a key pro-ferroptotic gene via a two-layer regulatory mechanism. *Cell reports*, 43(9), 114662.

Davey R, et al. (2024) A protein-proximity screen reveals Ebola virus co-opts the mRNA decapping complex through the scaffold protein EDC4. *Research square*.

Brock K, et al. (2024) A comparative analysis of paxillin and Hic-5 proximity interactomes. *Cytoskeleton (Hoboken, N.J.)*.

Essandoh K, et al. (2023) zDHHC9 Regulates Cardiomyocyte Rab3a Activity and Atrial Natriuretic Peptide Secretion Through Palmitoylation of Rab3gap1. *JACC. Basic to translational science*, 8(5), 518.

Seth D, et al. (2023) Comparison of the Nitric Oxide Synthase Interactomes and S-Nitroso-Proteomes: Furthering the Case for Enzymatic S-Nitrosylation. *Antioxidants & redox signaling*, 39(10-12), 621.

Tan X, et al. (2023) EMT-activated secretory and endocytic vesicular trafficking programs underlie a vulnerability to PI4K2A antagonism in lung cancer. *The Journal of clinical investigation*, 133(7).

Bass TE, et al. (2023) ATM Regulation of the Cohesin Complex Is Required for Repression of DNA Replication and Transcription in the Vicinity of DNA Double-Strand Breaks. *Molecular cancer research : MCR*, 21(3), 261.

Weems AD, et al. (2023) Blebs promote cell survival by assembling oncogenic signalling hubs. *Nature*, 615(7952), 517.

Slabber CF, et al. (2023) The ubiquitin ligase Uhrf2 is a master regulator of cholesterol biosynthesis and is essential for liver regeneration. *Science signaling*, 16(787), eade8029.

Newman D, et al. (2023) 3D matrix adhesion feedback controls nuclear force coupling to drive invasive cell migration. *Cell reports*, 42(12), 113554.

Roboti P, et al. (2022) Mitochondrial antiviral-signalling protein is a client of the BAG6 protein quality control complex. *Journal of cell science*, 135(9).