Resource Summary Report

Generated by RRID on Aug 25, 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: 20260815T081936+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 RRID .

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.

Tuzlako?lu 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.

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.

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.

Atwal MS, et al. (2025) Accumulation of TDP-43 causes karyopherin-?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.

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).

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).