

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

mTagBFP2-pBAD

RRID:Addgene_54572

Type: Plasmid

Proper Citation

RRID:Addgene_54572

Plasmid Information

URL: <http://www.addgene.org/54572>

Proper Citation: RRID:Addgene_54572

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22174863](#)

Vector Backbone Description: Backbone Size:4800; Vector Backbone:mTagBFP2-pBAD; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Contains 6x-Histidine tag for protein purification. Excitation = 399; Emission = 456

Plasmid Name: mTagBFP2-pBAD

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260815T081641+0000

Ratings and Alerts

No rating or validation information has been found for mTagBFP2-pBAD.

No alerts have been found for mTagBFP2-pBAD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Luck C, et al. (2026) Modeling of Capicua Family Fusion Oncoprotein-Driven Cancers Reveals Gene-Specific Functionality. *Molecular cancer research : MCR*, 24(5), 337.

Walters AJ, et al. (2026) Delivering a multi-color, cell-based CRISPR experience to low-resource classrooms. *Journal of microbiology & biology education*, 27(1), e0023225.

Hariharan V, et al. (2025) Superinfection promotes replication and diversification of defective HIV-1 proviruses in people with non-suppressible viraemia. *Nature microbiology*, 10(11), 2736.

Rao VG, et al. (2025) Mechanisms of cilia regeneration in *Xenopus* multiciliated epithelium in vivo. *EMBO reports*, 26(8), 2192.

Bosco J, et al. (2025) A galactose-based auto-expression system improves T7-inducible protein production in *Escherichia coli*. *Scientific reports*, 15(1), 8936.

Malcova I, et al. (2025) Assembly and dynamic regulation of the tip filament of the *Bordetella* type III secretion system injectisome. *mBio*, 16(11), e0113525.

Goldman C, et al. (2025) Genetically encoded and modular subcellular organelle probes reveal dysfunction in lysosomes and mitochondria driven by PRKN knockout. *iScience*, 28(7), 112816.

Bell TA, et al. (2024) Prominin 1 and Tweety Homology 1 both induce extracellular vesicle formation. *eLife*, 13.

Xue G, et al. (2023) Discovery of a Drug-like, Natural Product-Inspired DCAF11 Ligand Chemotype. *Nature communications*, 14(1), 7908.

Bell TA, et al. (2023) Cholesterol regulates plasma membrane bending by prominin-family proteins. *bioRxiv : the preprint server for biology*.

Chaillou S, et al. (2022) Directed evolution of colE1 plasmid replication compatibility: a fast tractable tunable model for investigating biological orthogonality. *Nucleic acids research*, 50(16), 9568.

Tenner B, et al. (2021) FluoSTEPS: Fluorescent biosensors for monitoring compartmentalized signaling within endogenous microdomains. *Science advances*, 7(21).

Elston KM, et al. (2021) Engineering a Culturable *Serratia symbiotica* Strain for Aphid Paratransgenesis. *Applied and environmental microbiology*, 87(4).

Das I, et al. (2020) AXL and CAV-1 play a role for MTH1 inhibitor TH1579 sensitivity in cutaneous malignant melanoma. *Cell death and differentiation*, 27(7), 2081.

Vje??tica A, et al. (2020) A toolbox of stable integration vectors in the fission yeast *Schizosaccharomyces pombe*. *Journal of cell science*, 133(1).

Zhang JZ, et al. (2020) Histamine-induced biphasic activation of RhoA allows for persistent RhoA signaling. *PLoS biology*, 18(9), e3000866.

Ghalali A, et al. (2019) Developing a novel FRET assay, targeting the binding between Antizyme-AZIN. *Scientific reports*, 9(1), 4632.

Sakai R, et al. (2019) The integral function of the endocytic recycling compartment is regulated by RFFL-mediated ubiquitylation of Rab11 effectors. *Journal of cell science*, 132(3).

Schmitt CE, et al. (2017) Fluorescent tagged episomals for stoichiometric induced pluripotent stem cell reprogramming. *Stem cell research & therapy*, 8(1), 132.