

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pUltra-hot-H2B-mTagBFP2

RRID:Addgene_161792

Type: Plasmid

Proper Citation

RRID:Addgene_161792

Plasmid Information

URL: <http://www.addgene.org/161792>

Proper Citation: RRID:Addgene_161792

Insert Name: H2B-mTagBFP2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Malcolm Moore; Backbone Size:8326; Vector Backbone:pUltra-hot (Addgene Plasmid #24130); Vector Types:Mammalian Expression, Lentiviral, Multicistronic; Bacterial Resistance:Ampicillin

Comments: pUltra-hot-H2B-mTagBFP2 was cloned by Jorge L. Arias-Arias at Universidad de Costa Rica (jorgeluis.arias@ucr.ac.cr). This vector allows the multicistronic expression of mCherry, H2B-mTagBFP2, and one gene of interest in mammalian cells. The construct contains two 2A peptides coding sequences and two cloning positions flanked by restriction sites: Position 1 (5' XbaI – 3' BamHI): Occupied by the H2B-mTagBFP2 insert. Position 2 (5' NheI – 3' EcoRI or Sall): Available for cloning one gene of interest. The vector is suitable for transient transfection, but could also be used to produce lentiviral particles for stable expression in mammalian cells. For lentivirus packaging use the additional plasmids psPAX2 (Addgene Plasmid #12260) and pMD2.G (Addgene Plasmid #12259).

Plasmid Name: pUltra-hot-H2B-mTagBFP2

Relevant Mutation: I174A in the mTagBFP2 protein according to PLoS ONE (2011) 6: e28674. doi:10.1371/journal.pone.0028674

Record Creation Time: 20220422T221916+0000

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Ratings and Alerts

No rating or validation information has been found for pUltra-hot-H2B-mTagBFP2.

No alerts have been found for pUltra-hot-H2B-mTagBFP2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.