

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA3.1 Hmga2 m2

RRID:Addgene_14790

Type: Plasmid

Proper Citation

RRID:Addgene_14790

Plasmid Information

URL: <http://www.addgene.org/14790>

Proper Citation: RRID:Addgene_14790

Insert Name: Hmga2 m2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17322030](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The 3' UTR of the mouse Hmga2 cDNA (BC052158) was subcloned into pCR2.1-TOPO (Invitrogen) for site-directed mutagenesis. To disrupt each let-7 complementary site, the nucleotides that paired to nucleotides 3 and 5 of the miRNA were substituted (see Author's map), using the Quikchange site-directed mutagenesis kit (Stratagene). The UTR fragment was then cloned back into the vector containing the Hmga2 cDNA (pCMV•SPORT6.1). To construct the mammalian expression vectors, Hmga2 inserts were excised from the pCMV•SPORT6.1 constructs using EcoRI restriction sites and cloned into pcDNA3.1 (Invitrogen). Full sequence of wild-type plasmid available at Addgene plasmid #14789.

Plasmid Name: pcDNA3.1 Hmga2 m2

Relevant Mutation: Hmga2 m2 mutant (see article and author's map for details)

Record Creation Time: 20220422T221825+0000

Record Last Update: 20260725T073959+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 Hmga2 m2.

No alerts have been found for pcDNA3.1 Hmga2 m2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.