

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pcDNA3-EngPDm

RRID:Addgene_64040

Type: Plasmid

Proper Citation

RRID:Addgene_64040

Plasmid Information

URL: <http://www.addgene.org/64040>

Proper Citation: RRID:Addgene_64040

Insert Name: Pax8 paired domain

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17182173](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: There is a BamHI site in between the Eng and PDm coding sequences. Drosophila Engrailed (Eng)contains H22P and L158P compared to closest reference sequence (AAA65478.1). Depositor states that these mutation should not affect function. Mouse Pax8 contains a P2A mutation. Depositor states that this mutation should not affect plasmid function.

Plasmid Name: pcDNA3-EngPDm

Relevant Mutation: paired domain, aa 1-147, with aa 30 to 32 changed to Ala (creating a NotI restriction site)

Record Creation Time: 20220422T222407+0000

Record Last Update: 20260815T081808+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-EngPDm.

No alerts have been found for pcDNA3-EngPDm.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.