

Resource Summary Report

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

pcDNA3-EngHDm

RRID:Addgene_64038

Type: Plasmid

Proper Citation

RRID:Addgene_64038

Plasmid Information

URL: <http://www.addgene.org/64038>

Proper Citation: RRID:Addgene_64038

Insert Name: TTF-1

Organism: dog

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 HDm 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. *Numbered based on the start of the homeodomain in dog TTF-1 protein.

Plasmid Name: pcDNA3-EngHDm

Relevant Mutation: homeodomain, aa 154-226, with aa 48–50 replaced by an Ala triplet (creating a NotI restriction site)*

Record Creation Time: 20220422T222406+0000

Record Last Update: 20260815T081808+0000

Ratings and Alerts

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

No alerts have been found for pcDNA3-EngHDm.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.