Resource Summary Report

Generated by dkNET on Aug 21, 2026

ninaE-stops m3-myc

RRID:Addgene_26855
Type: Plasmid

Proper Citation

RRID:Addgene_26855

Plasmid Information

URL: http://www.addgene.org/26855

Proper Citation: RRID:Addgene_26855

Insert Name: Slow Termination of Phototransduction

Organism: Drosophila melanogaster

Bacterial Resistance: Ampicillin

Defining Citation: PMID:18184564

Vector Backbone Description: Backbone Size:0; Vector Backbone:pCNX; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: To express the stops cDNA under the control of the ninaE promoter, the cDNA (EST clone GH07253, DGRC) was subcloned between the NotI and XbaI sites of pCNX. To express Myc-tagged wild-type STOPS in flies, the sequence encoding a Myc tag was fused to the 3' end of the wild-type stops cDNA. The wild-type stops cDNAs was subsequently subcloned between the NotI and XbaI sites of pCNX. The pCNX vector was constructed as follows. First, the pNX vector (provided by Dr. J. O'Tousa, University of Notre Dame, Notre Dame, IN) was digested with KpnI and NotI, which liberated a 3 kb ninaE promoter sequence, and this fragment was subsequently introduced between the same sites of pCaspeR4. Second, to provide the signals for polyadenylation and 3' end cleavage of RNAs, a simian virus 40 3' region (0.5 kb) was excised from pCaspeR–heat shock protein 70 promoter (hs) and introduced between the XbaI and XhoI sites of the vector

Plasmid Name: ninaE-stops m3-myc

Relevant Mutation: Amino acids 296-299 (SLRH in wild-type) are mutated to GPGD

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260815T081257+0000

Ratings and Alerts

No rating or validation information has been found for ninaE-stops m3-myc.

No alerts have been found for ninaE-stops m3-myc.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.