

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

ninaE-dsocs

RRID:Addgene_26857

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/26857>

Proper Citation: RRID:Addgene_26857

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. Myc-tagged STOPS lacking the SOCS box was 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-dsocs

Relevant Mutation: This STOPS construct contains a mutated/truncated SOCS box (suppressor of cytokine signaling). Amino acids 296 and 297 have been mutated from SL to EF and amino acids 298-330 have been deleted

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260815T081257+0000

Ratings and Alerts

No rating or validation information has been found for ninaE-dsocs.

No alerts have been found for ninaE-dsocs.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.