

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

NLS-SuperNova

RRID:Addgene_131858

Type: Plasmid

Proper Citation

RRID:Addgene_131858

Plasmid Information

URL: <http://www.addgene.org/131858>

Proper Citation: RRID:Addgene_131858

Insert Name: SuperNova

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31450682](#)

Vector Backbone Description: Backbone Marker:CloneTech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Nuclear targeting was achieved by replacing EGFP in pEGFP-C1 with synthetic DNA coding for SuperNova with an N-terminal c-myc nuclear localization signal (NLS) using restriction sites NheI and HindIII. SuperNova sequence is from: Takemoto, K.; Matsuda, T.; Sakai, N.; Fu, D.; Noda, M.; Uchiyama, S.; Kotera, I.; Arai, Y.; Horiuchi, M.; Fukui, K.; et al. SuperNova, a monomeric photosensitizing fluorescent protein for chromophore-assisted light inactivation. Sci. Rep. 2013, 3, 2629.

Plasmid Name: NLS-SuperNova

Record Creation Time: 20220422T221731+0000

Record Last Update: 20260815T080521+0000

Ratings and Alerts

No rating or validation information has been found for NLS-SuperNova.

No alerts have been found for NLS-SuperNova.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.