

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

SuperNova-TGON3

RRID:Addgene_131859

Type: Plasmid

Proper Citation

RRID:Addgene_131859

Plasmid Information

URL: <http://www.addgene.org/131859>

Proper Citation: RRID:Addgene_131859

Insert Name: SuperNova

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31450682](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Trans-Golgi network targeting was achieved by inserting synthetic DNA coding for TGON3 (rat) with N-terminal SuperNova into pcDNA3.1(+) using restriction sites NheI and XbaI. 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: SuperNova-TGON3

Record Creation Time: 20220422T221731+0000

Record Last Update: 20260725T073820+0000

Ratings and Alerts

No rating or validation information has been found for SuperNova-TGON3.

No alerts have been found for SuperNova-TGON3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.