

Resource Summary Report

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

pGreenIIM DR5v2-ntdTomato/DR5-n3GFP

RRID:Addgene_61628

Type: Plasmid

Proper Citation

RRID:Addgene_61628

Plasmid Information

URL: <http://www.addgene.org/61628>

Proper Citation: RRID:Addgene_61628

Insert Name: ntdTomato

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25643149](#)

Vector Backbone Description: Backbone Size:2580; Vector Backbone:pGreenII; Vector Types:Plant Expression; Bacterial Resistance:Kanamycin

Comments: Please note that Addgene NGS results identified as stop codon after the second EGFP ORF. This stop codon was present in the original, published version of the plasmid, such that the insert is n2GFP rather than n3GFP. The plasmid functions as described in the associated publication. Co-expression with the helper plasmid pSOUP is suggested for expression in Agrobacterium. The diagnostic digest indicates this plasmid may be bigger than the assembled sequence suggests.

Plasmid Name: pGreenIIM DR5v2-ntdTomato/DR5-n3GFP

Record Creation Time: 20220422T222353+0000

Record Last Update: 20260815T081744+0000

Ratings and Alerts

No rating or validation information has been found for pGreenIIM DR5v2-ntdTomato/DR5-n3GFP.

No alerts have been found for pGreenIIM DR5v2-ntdTomato/DR5-n3GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Dao TQ, et al. (2025) Comparing hormone dynamics in cereal crops via transient expression of hormone sensors. *Plant & cell physiology*, 66(9), 1304.

Jamruszka T, et al. (2025) MtABCG40 is a cytokinin transporter that limits lateral root density and nodule formation in *Medicago truncatula*. *The Plant journal : for cell and molecular biology*, 124(5), e70622.

Nakagami S, et al. (2023) CLE3 and its homologs share overlapping functions in the modulation of lateral root formation through CLV1 and BAM1 in *Arabidopsis thaliana*. *The Plant journal : for cell and molecular biology*, 113(6), 1176.