

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pART27::CLOMELEON

RRID:Addgene_247988

Type: Plasmid

Proper Citation

RRID:Addgene_247988

Plasmid Information

URL: <http://www.addgene.org/247988>

Proper Citation: RRID:Addgene_247988

Insert Name: CLOMELEON (CFP-YFP fusion with ENLYFQG-linker)

Organism: Synthetic

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:15086798](#)

Vector Backbone Description: Backbone Marker:Andrew Gleave; Backbone Size:11612; Vector Backbone:pART27; Vector Types:Plant Expression; Bacterial Resistance:Spectinomycin and Streptomycin

Comments: pART27::CLOMELEON is a binary pART27 vector harbouring a NotI-fragment with a gene cassette subcloned from pART7::CLOMELEON to stably insert the CLOMELEON gene (Kuner, T. & Augustine, G.J.; PubMed: 11055428; doi: 10.1016/S0896-6273(00)00056-8) into the genome of plants by Agrobacterium-mediated gene transfer, e.g. by floral dip (Clough & Bent 1998; PubMed: 10069079; doi: 10.1007/BF00028910). See the Supplemental Document under Resource Information for more details, including annotated maps.

Plasmid Name: pART27::CLOMELEON

Relevant Mutation: CFP-variant: K26R, F64L, S65T, Y66W, N146I, M153T, V163A, N164H, H231L; YFP-variant: S65G, S72A, K79R, T203Y, H231L

Record Creation Time: 20260107T053305+0000

Record Last Update: 20260815T083445+0000

Ratings and Alerts

No rating or validation information has been found for pART27::CLOMELEON.

No alerts have been found for pART27::CLOMELEON.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.