

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

pDual-eGFP(W66)

RRID:Addgene_63217

Type: Plasmid

Proper Citation

RRID:Addgene_63217

Plasmid Information

URL: <http://www.addgene.org/63217>

Proper Citation: RRID:Addgene_63217

Insert Name: His-T7-eGFP(W66)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22639380](#)

Vector Backbone Description: Backbone Size:10947; Vector Backbone:pDual-eGFP; Vector Types:Mammalian Expression, Bacterial Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Lentiviral vector with high transduction efficiency. Expression from the CMV-EF1? hybrid (CEF) promoter is very stable in mammalian cells. The lentivirus contains an SV40 origin 5' to the eGFP gene. This influences gene targeting rates and the preferred strand for gene targeting and recombineering in cells expressing the SV40 T-antigen.

Plasmid Name: pDual-eGFP(W66)

Relevant Mutation: Changed tyrosine at position 66 with respect to the original eGFP sequence to tryptophan. The DNA sequence change corresponds to AC at nucleotide 317-318 to GG.

Record Creation Time: 20220422T222401+0000

Record Last Update: 20260815T081800+0000

Ratings and Alerts

No rating or validation information has been found for pDual-eGFP(W66).

No alerts have been found for pDual-eGFP(W66).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.