

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

pEF 4r-DsRed-3r

RRID:Addgene_20099

Type: Plasmid

Proper Citation

RRID:Addgene_20099

Plasmid Information

URL: <http://www.addgene.org/20099>

Proper Citation: RRID:Addgene_20099

Insert Name: DsRed

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4717; Vector Backbone:pDONR221-P4R-P3R; Vector Types:Synthetic Biology, plant Gateway vector; Bacterial Resistance:Kanamycin

Plasmid Name: pEF 4r-DsRed-3r

Record Creation Time: 20220422T222049+0000

Record Last Update: 20260815T081151+0000

Ratings and Alerts

No rating or validation information has been found for pEF 4r-DsRed-3r.

No alerts have been found for pEF 4r-DsRed-3r.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Estornell LH, et al. (2012) Exploiting Multisite Gateway and pENFRUIT plasmid collection for fruit genetic engineering. *Methods in molecular biology* (Clifton, N.J.), 847, 351.

Estornell LH, et al. (2009) A multisite gateway-based toolkit for targeted gene expression and hairpin RNA silencing in tomato fruits. *Plant biotechnology journal*, 7(3), 298.