

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

[pEF 1-2A11-4](#)

RRID:Addgene_20089

Type: Plasmid

Proper Citation

RRID:Addgene_20089

Plasmid Information

URL: <http://www.addgene.org/20089>

Proper Citation: RRID:Addgene_20089

Insert Name: 2A11

Organism: *S. lycopersicum*

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4777;
Vector Backbone:pDONRP4-P1R; Vector Types:Synthetic Biology, plant Gateway vector;
Bacterial Resistance:Kanamycin

Plasmid Name: pEF 1-2A11-4

Record Creation Time: 20220422T222049+0000

Record Last Update: 20260902T043618+0000

Ratings and Alerts

No rating or validation information has been found for pEF 1-2A11-4.

No alerts have been found for pEF 1-2A11-4.

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 [RRID](#) .

Kim WK, et al. (2019) β -catenin activation down-regulates cell-cell junction-related genes and induces epithelial-to-mesenchymal transition in colorectal cancers. Scientific reports, 9(1), 18440.

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.