

Resource Summary Report

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

35S:5mARF17 pLBR19

RRID:Addgene_12073

Type: Plasmid

Proper Citation

RRID:Addgene_12073

Plasmid Information

URL: <http://www.addgene.org/12073>

Proper Citation: RRID:Addgene_12073

Insert Name: 5mARF17

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15829600](#)

Vector Backbone Description: Backbone Marker:(pLBR19 is derived from pUC19, but contains the CaMV 35S promote; Backbone Size:5500; Vector Backbone:pLBR19; Vector Types:Plant Expression; Bacterial Resistance:Ampicillin

Comments: To generate 35S:5mARF17, a 3.3 kb EcoR1-BamH1 fragment of the 6.6 kb 5mARF17 pBluescript clone was subcloned into pLBR19 downstream from the duplicated enhancer of CaMV 35S RNA promoter. See "sequence" for full insert sequence.

Plasmid Name: 35S:5mARF17 pLBR19

Relevant Mutation: miR160-resistant version of ARF17 has five silent mutations within the miR160-complementary domain of an ARF17 genomic clone, thereby increasing the number of mismatches between miR160 and the ARF17 mRNA from one in wild type to six.

Record Creation Time: 20220422T221631+0000

Record Last Update: 20260815T080328+0000

Ratings and Alerts

No rating or validation information has been found for 35S:5mARF17 pLBR19.

No alerts have been found for 35S:5mARF17 pLBR19.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.