

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

[6mpSPL10F13R13::pBIB-BAS \(6mSPL10\)](#)

RRID:Addgene_27408

Type: Plasmid

Proper Citation

RRID:Addgene_27408

Plasmid Information

URL: <http://www.addgene.org/27408>

Proper Citation: RRID:Addgene_27408

Insert Name: SPL10 mutant

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21123653](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pBIB-KAN-GW; Vector Types:used to create transgenic lines; Bacterial Resistance:Kanamycin

Comments: Created by cloning 4.9-kb (including 1.8 kb upstream of CDS, CDS, and 1.6 kb downstream from CDS) genomic fragment in pENTR/D-TOPO (Invitrogen). The Quick-Change Lightning Site-Directed Mutagenesis kit (Stratagene) was used on the resulting plasmids to disrupt miR156-binding sites (primers 5'-CCATGAATCTCATGATTTCTACAGTGCACTGTCATTGCTCTCAACTACTTCGGATTCACAAGGGA 3' and 5'-GATCCCTTGTGAATCCGAAGTAGTTGAGAGCAATGACAGTGCACTGTAGAAATCATGAGATTCA 3'). This plasmid was recombined with pBIB-KAN-GW using LR clonase (Invitrogen).

Plasmid Name: 6mpSPL10F13R13::pBIB-BAS (6mSPL10)

Relevant Mutation: miR156 target sites of SPL10 mutated

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260815T081303+0000

Ratings and Alerts

No rating or validation information has been found for 6mpSPL10F13R13::pBIB-BAS (6mSPL10).

No alerts have been found for 6mpSPL10F13R13::pBIB-BAS (6mSPL10).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.