

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## UB13p::dsSPL10 v01 (SPL10-RNAi)

RRID:Addgene\_27409

Type: Plasmid

### Proper Citation

RRID:Addgene\_27409

### Plasmid Information

**URL:** <http://www.addgene.org/27409>

**Proper Citation:** RRID:Addgene\_27409

**Insert Name:** SPL10 inverted

**Organism:** Arabidopsis thaliana

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:21123653](#)

**Vector Backbone Description:** Backbone Size:0; Vector Backbone:UBI3pTpFSPGW-HYGv02; Vector Types:; Bacterial Resistance:Kanamycin

**Comments:** SPL10-RNAi constructs were generated by amplifying 0.6kb of the SPL10 CDS from cDNA prepared from inflorescence tissue total RNA isolated using TRIzol reagent (Invitrogen) and reverse-transcribed with oligo(dT) primers using SuperScript III Reverse Transcriptase (Invitrogen). The resulting amplicons were then cloned into pCR8/GW-TOPO (Invitrogen) and then recombined with UBI3p::pFSPGW-HYGv02 to create an inverted repeat of the SPL10 cDNA fragment under the control of the UBI3 promoter. For details regarding the UBI3p::pFSPGW-HYGv02 vector, please see the article.

**Plasmid Name:** UB13p::dsSPL10 v01 (SPL10-RNAi)

**Record Creation Time:** 20220422T222123+0000

**Record Last Update:** 20260815T081302+0000

### Ratings and Alerts

No rating or validation information has been found for UB13p::dsSPL10 v01 (SPL10-RNAi).

No alerts have been found for UB13p::dsSPL10 v01 (SPL10-RNAi).

---

## Data and Source Information

**Source:** [Addgene](#)

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhou Q, et al. (2021) MicroRNA-513c-5p is involved in the pathogenesis of preeclampsia by regulating of low-density lipoprotein receptor-associated protein 6. BMC pregnancy and childbirth, 21(1), 837.