

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

AV09_pDonor.EP.S1.TS

RRID:Addgene_100297

Type: Plasmid

Proper Citation

RRID:Addgene_100297

Plasmid Information

URL: <http://www.addgene.org/100297>

Proper Citation: RRID:Addgene_100297

Insert Name: PuroR.T2A.EGFP expression unit

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28939824](#)

Vector Backbone Description: Vector Backbone:pBR322; Vector Types:Mammalian Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Combine this donor plasmid with SpCas9 or SpCas9.D10A with Addgene plasmid 41818 gRNA_AAVS1-T2; Mali et al. (named pgRNA.S1 in Chen et al. 2017) for inducing homology-directed AAVS1 targeting. This donor plasmid has its targeting module flanked by the target site (TS) for gRNA.S1: 5'-CTGTCCCCTCCACCCACAGTggggccactagggacaggattggTGACAGA-3'.

Plasmid Name: AV09_pDonor.EP.S1.TS

Record Creation Time: 20220422T221447+0000

Record Last Update: 20260919T090353+0000

Ratings and Alerts

No rating or validation information has been found for AV09_pDonor.EP.S1.TS.

No alerts have been found for AV09_pDonor.EP.S1.TS.

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 [NIF](#) .

Wang Q, et al. (2021) Precise and broad scope genome editing based on high-specificity Cas9 nickases. Nucleic acids research, 49(2), 1173.