

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

AX53_pS.Donor.S1.TS

RRID:Addgene_100290

Type: Plasmid

Proper Citation

RRID:Addgene_100290

Plasmid Information

URL: <http://www.addgene.org/100290>

Proper Citation: RRID:Addgene_100290

Insert Name: 18 bp RFLP (MluI+KspAI)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28939824](#)

Vector Backbone Description: Vector Backbone:pUC57; Vector Types:Mammalian Expression, CRISPR, Synthetic Biology, Human Targeting; 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.) for homology-directed AAVS1 targeting.

Plasmid Name: AX53_pS.Donor.S1.TS

Record Creation Time: 20220422T221447+0000

Record Last Update: 20260905T074246+0000

Ratings and Alerts

No rating or validation information has been found for AX53_pS.Donor.S1.TS.

No alerts have been found for AX53_pS.Donor.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 [dkNET](#) .

Wang Q, et al. (2023) Precise homology-directed installation of large genomic edits in human cells with cleaving and nicking high-specificity Cas9 variants. Nucleic acids research, 51(7), 3465.