

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pTAL1

RRID:Addgene_31031

Type: Plasmid

Proper Citation

RRID:Addgene_31031

Plasmid Information

URL: <http://www.addgene.org/31031>

Proper Citation: RRID:Addgene_31031

Insert Name: TALE

Organism: Xanthamonas oryzae

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21493687](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2676;
Vector Backbone:pCR8-GW modified; Vector Types;; Bacterial Resistance:Ampicillin

Comments: Gateway compatible vector for assembly of full-length TAL effector genes by Golden Gate cloning. Contains both SD and Kozak sequences immediately upstream of the initial ATG. Designed for TAL DNA-binding domains alone

Plasmid Name: pTAL1

Record Creation Time: 20220422T222134+0000

Record Last Update: 20260815T081328+0000

Ratings and Alerts

No rating or validation information has been found for pTAL1.

No alerts have been found for pTAL1.

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 [RRID](#) .

Hu J, et al. (2014) Direct activation of human and mouse Oct4 genes using engineered TALE and Cas9 transcription factors. Nucleic acids research, 42(7), 4375.