

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

TAL2455

RRID:Addgene_36844

Type: Plasmid

Proper Citation

RRID:Addgene_36844

Plasmid Information

URL: <http://www.addgene.org/36844>

Proper Citation: RRID:Addgene_36844

Insert Name: SIRT6-TALEN_Right

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22484455](#)

Vector Backbone Description: Backbone Marker:Joung lab (Addgene Plasmid # 32288); Backbone Size:6447; Vector Backbone:JDS74; Vector Types:Mammalian, T7 for in vitro mRNA synthesis; Bacterial Resistance:Ampicillin

Comments: Target binding site: TCCGGGAGGCCGCACTTG It is strongly recommended that users perform a diagnostic digest to verify this plasmid prior to use. For example, a double digest of the plasmid with BamHI and KpnI should result in two bands at 2.2kb and 5.9kb.

Plasmid Name: TAL2455

Record Creation Time: 20220422T222156+0000

Record Last Update: 20260815T081411+0000

Ratings and Alerts

No rating or validation information has been found for TAL2455.

No alerts have been found for TAL2455.

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](#) .

Pan H, et al. (2016) SIRT6 safeguards human mesenchymal stem cells from oxidative stress by coactivating NRF2. Cell research, 26(2), 190.