

Resource Summary Report

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

pAAV_TALE-TF(VP64)-BB_V3

RRID:Addgene_42581

Type: Plasmid

Proper Citation

RRID:Addgene_42581

Plasmid Information

URL: <http://www.addgene.org/42581>

Proper Citation: RRID:Addgene_42581

Insert Name: TALE-TF(VP64)-BB

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:22828628](#)

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV, Adeno-associated Virus (); Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: This is a new collection of constructs described in Cong et al. Nature Communications and also an updated TALE Tool Box containing Adeno-associated Virus (AAV) TALE Backbone constructs that allow packaging of TAL transcription factors (TALE-TF) and TALE nucleases (TALEN) into AAV. All constructs are from Feng Zhang lab at Broad Institute/MIT. IMPORTANT: please note when using the new AAV TALE Backbones, the last 0.5 (half) repeat is not encoded in the backbone vector but instead need to be supplemented as a separate piece.

Plasmid Name: pAAV_TALE-TF(VP64)-BB_V3

Record Creation Time: 20220422T222220+0000

Record Last Update: 20260919T091825+0000

Ratings and Alerts

No rating or validation information has been found for pAAV_TALE-TF(VP64)-BB_V3.

No alerts have been found for pAAV_TALE-TF(VP64)-BB_V3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Cherif K, et al. (2018) Increased Frataxin Expression Induced in Friedreich Ataxia Cells by Platinum TALE-VP64s or Platinum TALE-SunTag. Molecular therapy. Nucleic acids, 12, 19.

Chapdelaine P, et al. (2016) Development of an AAV9 coding for a 3XFLAG-TALEfrat#8-VP64 able to increase in vivo the human frataxin in YG8R mice. Gene therapy, 23(7), 606.