

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

Enhanced Repressor Domain for TAL Effector (SID4X)

RRID:Addgene_43882

Type: Plasmid

Proper Citation

RRID:Addgene_43882

Plasmid Information

URL: <http://www.addgene.org/43882>

Proper Citation: RRID:Addgene_43882

Insert Name: SID4X Domain

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22828628](#)

Vector Backbone Description: Backbone Marker:Genscript; Backbone Size:2710; Vector Backbone:pUC57; Vector Types;; Bacterial Resistance:Ampicillin

Comments: This enhanced SID domain (SID4X domain) is to be used with TALE effectors to create TALE repressors, as described in Cong et al. Nature Communications. This new domain replaces the previous SID domain reported in the original article.

Plasmid Name: Enhanced Repressor Domain for TAL Effector (SID4X)

Record Creation Time: 20220422T222227+0000

Record Last Update: 20260829T080540+0000

Ratings and Alerts

No rating or validation information has been found for Enhanced Repressor Domain for TAL Effector (SID4X).

No alerts have been found for Enhanced Repressor Domain for TAL Effector (SID4X).

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](#) .

Lau CH, et al. (2019) Targeted Transgene Activation in the Brain Tissue by Systemic Delivery of Engineered AAV1 Expressing CRISPRa. Molecular therapy. Nucleic acids, 16, 637.