

Resource Summary Report

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

pX552-hsyn DIO GCaMP8f(with gRNA scaffold)

RRID:Addgene_199580

Type: Plasmid

Proper Citation

RRID:Addgene_199580

Plasmid Information

URL: <http://www.addgene.org/199580>

Proper Citation: RRID:Addgene_199580

Insert Name: His-DIO GCaMP8f

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38871457](#)

Vector Backbone Description: Backbone Size:4699; Vector Backbone:pX552; Vector Types:Mammalian Expression, AAV, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: pX552 was a gift from Feng Zhang (Addgene plasmid # 60958 ; <http://n2t.net/addgene:60958> ; RRID:Addgene_60958)

Plasmid Name: pX552-hsyn DIO GCaMP8f(with gRNA scaffold)

Record Creation Time: 20241031T080557+0000

Record Last Update: 20260815T083107+0000

Ratings and Alerts

No rating or validation information has been found for pX552-hsyn DIO GCaMP8f(with gRNA scaffold).

No alerts have been found for pX552-hsyn DIO GCaMP8f(with gRNA scaffold).

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](#) .

Moffa JC, et al. (2025) An Alternative Gene Editing Strategy Using a Single AAV Vector. Bio-protocol, 15(13), e5362.