

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

[pX601-GFP](#)

RRID:Addgene_84040

Type: Plasmid

Proper Citation

RRID:Addgene_84040

Plasmid Information

URL: <http://www.addgene.org/84040>

Proper Citation: RRID:Addgene_84040

Insert Name: SaCas9

Organism: Staphylococcus aureus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27601644](#)

Vector Backbone Description: Backbone Marker:Feng Zhang's Laboratory; Backbone Size:7447; Vector Backbone:pX601; Vector Types:Mammalian Expression, AAV, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pX601-GFP

Record Creation Time: 20220422T222542+0000

Record Last Update: 20260815T082111+0000

Ratings and Alerts

No rating or validation information has been found for pX601-GFP.

No alerts have been found for pX601-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Helfer-Hungerbuehler AK, et al. (2021) Adeno-Associated Vector-Delivered CRISPR/SaCas9 System Reduces Feline Leukemia Virus Production In Vitro. *Viruses*, 13(8).

Backstrom JR, et al. (2020) Optimization of S.??aureus dCas9 and CRISPRi Elements for a Single Adeno-Associated Virus that Targets an Endogenous Gene. *Molecular therapy. Methods & clinical development*, 19, 139.

Cai F, et al. (2020) ADT-OH, a hydrogen sulfide-releasing donor, induces apoptosis and inhibits the development of melanoma in vivo by upregulating FADD. *Cell death & disease*, 11(1), 33.

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.