

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

AAV-hSyn-REX-GECO1

RRID:Addgene_61248

Type: Plasmid

Proper Citation

RRID:Addgene_61248

Plasmid Information

URL: <http://www.addgene.org/61248>

Proper Citation: RRID:Addgene_61248

Insert Name: REX-GECO1

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25358432](#)

Vector Backbone Description: Backbone Size:4560; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The construct is numbered based on GCaMP. There are 2 mismatches between Addgene's sequence and the provided reference sequence. These should not affect plasmid function.

Plasmid Name: AAV-hSyn-REX-GECO1

Relevant Mutation: Substitutions relative to R-GECO1: P60R, V61W, R66W, E77V, K80E, K97R, S142P, D147V, E148G, P220L, N257I, A302P, M339L, T382S

Record Creation Time: 20220422T222351+0000

Record Last Update: 20260815T081740+0000

Ratings and Alerts

No rating or validation information has been found for AAV-hSyn-REX-GECO1.

No alerts have been found for AAV-hSyn-REX-GECO1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.