

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pAAV-Syn-Archon1-KGC-GFP-ER2

RRID:Addgene_115892

Type: Plasmid

Proper Citation

RRID:Addgene_115892

Plasmid Information

URL: <http://www.addgene.org/115892>

Proper Citation: RRID:Addgene_115892

Insert Name: Archon1-KGC-EGFP-ER2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29483642](#)

Vector Backbone Description: Backbone Size:4451; Vector Backbone:pAAV-Syn;
Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The plasmid is fully sequenced in the coding sequence regions (opsin-fluorophore and important flanking regions). Multiple digestions were done to verify the vector structure. The construct was tested in vitro.

Plasmid Name: pAAV-Syn-Archon1-KGC-GFP-ER2

Record Creation Time: 20220422T221606+0000

Record Last Update: 20260725T073553+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Syn-Archon1-KGC-GFP-ER2.

No alerts have been found for pAAV-Syn-Archon1-KGC-GFP-ER2.

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](#) .

Reumann D, et al. (2023) In vitro modeling of the human dopaminergic system using spatially arranged ventral midbrain-striatum-cortex assembloids. Nature methods, 20(12), 2034.