

Resource Summary Report

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

pAAV-hSyn-ASAP2s

RRID:Addgene_101276

Type: Plasmid

Proper Citation

RRID:Addgene_101276

Plasmid Information

URL: <http://www.addgene.org/101276>

Proper Citation: RRID:Addgene_101276

Insert Name: ASAP2s

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28749338](#)

Vector Backbone Description: Backbone Size:4562; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The next-generation JEDI-2P sensors are available at:
<https://www.addgene.org/browse/article/28223314/>

Plasmid Name: pAAV-hSyn-ASAP2s

Record Creation Time: 20220422T221453+0000

Record Last Update: 20260725T073342+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn-ASAP2s.

No alerts have been found for pAAV-hSyn-ASAP2s.

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 [NIF](#) .

Ghaffari Zaki A, et al. (2023) Development of a Chemogenetic Approach to Manipulate Intracellular pH. Journal of the American Chemical Society, 145(22), 11899.

Lu X, et al. (2023) Widefield imaging of rapid pan-cortical voltage dynamics with an indicator evolved for one-photon microscopy. Nature communications, 14(1), 6423.

Liu Z, et al. (2022) Sustained deep-tissue voltage recording using a fast indicator evolved for two-photon microscopy. Cell, 185(18), 3408.

Alich TC, et al. (2021) A dark quencher genetically encodable voltage indicator (dqGEVI) exhibits high fidelity and speed. Proceedings of the National Academy of Sciences of the United States of America, 118(6).