

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 2026

## pAAV hSyn1 ChR2 ET-TC 2A tDimer

RRID:Addgene\_101361

Type: Plasmid

### Proper Citation

RRID:Addgene\_101361

### Plasmid Information

**URL:** <http://www.addgene.org/101361>

**Proper Citation:** RRID:Addgene\_101361

**Insert Name:** Channelrhodopsin-2

**Organism:** Chlamydomonas

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:21504945](#)

**Vector Backbone Description:** Backbone Marker:Stratagene; Backbone Size:4606; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

**Comments:** ChR originally from P.Hegemann, HU-Berlin Germany tDimer originally from R-Tsien USD USA

**Plasmid Name:** pAAV hSyn1 ChR2 ET-TC 2A tDimer

**Relevant Mutation:** E123T , T159C

**Record Creation Time:** 20220422T221453+0000

**Record Last Update:** 20260829T075002+0000

### Ratings and Alerts

No rating or validation information has been found for pAAV hSyn1 ChR2 ET-TC 2A tDimer.

No alerts have been found for pAAV hSyn1 ChR2 ET-TC 2A tDimer.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Perez-Alvarez A, et al. (2020) Endoplasmic reticulum visits highly active spines and prevents runaway potentiation of synapses. Nature communications, 11(1), 5083.

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.