

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 13, 2026

[pAAV-Syn-2xLyn-ERex-Venus\(Y145W\)-bPAC\(F198Y\)](#)

RRID:Addgene_165492

Type: Plasmid

Proper Citation

RRID:Addgene_165492

Plasmid Information

URL: <http://www.addgene.org/165492>

Proper Citation: RRID:Addgene_165492

Insert Name: 2xLyn-ERex-Venus(Y145W)-bPAC(F198Y)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34663304](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4697; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: This plasmid is identical to PACmn but with a point mutation in Venus to reduce fluorescence by about 90% to facilitate combining with fluorescent indicators etc. It was not used in the original publication.

Plasmid Name: pAAV-Syn-2xLyn-ERex-Venus(Y145W)-bPAC(F198Y)

Record Creation Time: 20220422T221934+0000

Record Last Update: 20260808T081141+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Syn-2xLyn-ERex-Venus(Y145W)-bPAC(F198Y).

No alerts have been found for pAAV-Syn-2xLyn-ERex-Venus(Y145W)-bPAC(F198Y).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.