

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pAAV-Ef1a-Coff/Fon-taCasp3-T2A-TEVp-WPRE3-BGHpA

RRID:Addgene_242456

Type: Plasmid

Proper Citation

RRID:Addgene_242456

Plasmid Information

URL: <http://www.addgene.org/242456>

Proper Citation: RRID:Addgene_242456

Insert Name: Caspase 3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Vector Builder; Backbone Size:4986; Vector Backbone:pAAV[Exp]:WPRE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This AAV construct expresses taCaspase-3 and T2A linked TEVp using the design of Dr. Nirao Shah for caspase mediated cell ablation (Yang et al. 2013 Cell. <https://doi.org/10.1016/j.cell.2013.04.017>. PubMed 23663785) and an intersectional strategy for Cre-off and Flp-on expression. Note that the Intersect strategy used here does not make use of "introns" as initially designed by the Deisseroth lab (Fenno et al. 2014 Nat Methods. <https://doi.org/10.1038/nmeth.2996>. PubMed 24908100). Rather it uses loxP sites in the same orientation to facilitate a Cre-mediated deletion for "off" and inverted FRT sites to facilitate a Flp-mediated inversion for "on".

Plasmid Name: pAAV-Ef1a-Coff/Fon-taCasp3-T2A-TEVp-WPRE3-BGHpA

Record Creation Time: 20251210T060602+0000

Record Last Update: 20260902T044749+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-Coff/Fon-taCasp3-T2A-TEVp-WPRE3-BGHpA.

No alerts have been found for pAAV-Ef1a-Coff/Fon-taCasp3-T2A-TEVp-WPRE3-BGHpA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.