

Resource Summary Report

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

pAAV-EF1?1.1-Jaws-KGC-tdTomato-ER2

RRID:Addgene_153538

Type: Plasmid

Proper Citation

RRID:Addgene_153538

Plasmid Information

URL: <http://www.addgene.org/153538>

Proper Citation: RRID:Addgene_153538

Insert Name: Jaws-KGC-tdTomato-ER2

Organism: Haloarcula salinarum (stain Shark)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24997763](#)

Vector Backbone Description: Backbone Marker:Epoch; Backbone Size:5399; Vector Backbone:AAV- EF1?1.1; 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 and the virus were both tested in vitro.

Plasmid Name: pAAV-EF1?1.1-Jaws-KGC-tdTomato-ER2

Relevant Mutation: K200R W214F

Record Creation Time: 20220422T221840+0000

Record Last Update: 20260725T074028+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1?1.1-Jaws-KGC-tdTomato-ER2.

No alerts have been found for pAAV-EF1?1.1-Jaws-KGC-tdTomato-ER2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.