

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

EKAR2G_design1_mTFP_105_Venus_wt

RRID:Addgene_39818

Type: Plasmid

Proper Citation

RRID:Addgene_39818

Plasmid Information

URL: <http://www.addgene.org/39818>

Proper Citation: RRID:Addgene_39818

Insert Name: Erk activity reporter

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23882122](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:4900; Vector Backbone:pTriEx4; Vector Types:Mammalian Expression, Bacterial Expression, Insect Expression; Bacterial Resistance:Ampicillin

Comments: A genetically encoded fluorescent sensor of ERK activity. 2008. PNAS 205(49)

Plasmid Name: EKAR2G_design1_mTFP_105_Venus_wt

Record Creation Time: 20220422T222208+0000

Record Last Update: 20260815T081432+0000

Ratings and Alerts

No rating or validation information has been found for EKAR2G_design1_mTFP_105_Venus_wt.

No alerts have been found for EKAR2G_design1_mTFP_105_Venus_wt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Sipieter F, et al. (2021) Characteristic ERK1/2 signaling dynamics distinguishes necroptosis from apoptosis. iScience, 24(9), 103074.