

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## EKAR2G\_design2\_mTFP\_227\_Venus\_157

RRID:Addgene\_40015

Type: Plasmid

### Proper Citation

RRID:Addgene\_40015

### Plasmid Information

**URL:** <http://www.addgene.org/40015>

**Proper Citation:** RRID:Addgene\_40015

**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\_design2\_mTFP\_227\_Venus\_157

**Record Creation Time:** 20220422T222208+0000

**Record Last Update:** 20260815T081432+0000

### Ratings and Alerts

No rating or validation information has been found for EKAR2G\_design2\_mTFP\_227\_Venus\_157.

No alerts have been found for EKAR2G\_design2\_mTFP\_227\_Venus\_157.

### Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.