# Resource Summary Report

Generated by NIF on Aug 24, 2026

## pIS1-Eef25UTR-TOPmut-renilla

RRID:Addgene_38236
Type: Plasmid

### Proper Citation

RRID:Addgene_38236

### Plasmid Information

**URL:** http://www.addgene.org/38236

**Proper Citation:** RRID:Addgene_38236

**Insert Name:** Eef2_TOPm_5UTR/Renilla

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:22552098

**Vector Backbone Description:** Backbone Size:4000; Vector Backbone:pIS1; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

**Plasmid Name:** pIS1-Eef25UTR-TOPmut-renilla

**Relevant Mutation:** The first nucleotides of the 5' UTR were changed from CTCTTCC to CAGGAAG

**Record Creation Time:** 20220422T222201+0000

**Record Last Update:** 20260815T081420+0000

### Ratings and Alerts

No rating or validation information has been found for pIS1-Eef25UTR-TOPmut-renilla.

No alerts have been found for pIS1-Eef25UTR-TOPmut-renilla.

### Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .

Stillinovic M, et al. (2024) Ribonuclease inhibitor and angiogenin system regulates cell type-specific global translation. Science advances, 10(22), eadl0320.

Aleshkina D, et al. (2021) ncRNA BC1 influences translation in the oocyte. RNA biology, 18(11), 1893.

Tebaldi T, et al. (2018) HuD Is a Neural Translation Enhancer Acting on mTORC1-Responsive Genes and Counteracted by the Y3 Small Non-coding RNA. Molecular cell, 71(2), 256.

Susor A, et al. (2015) Temporal and spatial regulation of translation in the mammalian oocyte via the mTOR-eIF4F pathway. Nature communications, 6, 6078.

Hopkins KC, et al. (2015) Virus-induced translational arrest through 4EBP1/2-dependent decay of 5'-TOP mRNAs restricts viral infection. Proceedings of the National Academy of Sciences of the United States of America, 112(22), E2920.