

Resource Summary Report

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

pIS1-Eef25UTR-renilla

RRID:Addgene_38235

Type: Plasmid

Proper Citation

RRID:Addgene_38235

Plasmid Information

URL: <http://www.addgene.org/38235>

Proper Citation: RRID:Addgene_38235

Insert Name: Eef2 5'UTR / 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-renilla

Relevant Mutation: Eef2 5' UTR fused to renilla ORF

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081420+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 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.

Huang M, et al. (2022) Regulation of Myogenesis by a Na/K-ATPase ?1 Caveolin-Binding Motif. *Stem cells (Dayton, Ohio)*, 40(2), 133.

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

Iezaki T, et al. (2018) Translational Control of Sox9 RNA by mTORC1 Contributes to Skeletogenesis. *Stem cell reports*, 11(1), 228.

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.

Jansova D, et al. (2017) Regulation of 4E-BP1 activity in the mammalian oocyte. *Cell cycle (Georgetown, Tex.)*, 16(10), 927.

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.