# Resource Summary Report

Generated by dkNET on Aug 26, 2026

## pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro

RRID:Addgene_60909
Type: Plasmid

### Proper Citation

RRID:Addgene_60909

### Plasmid Information

**URL:** http://www.addgene.org/60909

**Proper Citation:** RRID:Addgene_60909

**Insert Name:** K560-E236A

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:25307933

**Vector Backbone Description:** Backbone Marker:Invitrogen; Vector Backbone:pcDNA4TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** For more information, visit https://valelab4.ucsf.edu/external/research/suntag.html

**Plasmid Name:** pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro

**Record Creation Time:** 20220422T222350+0000

**Record Last Update:** 20260826T042422+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro.

No alerts have been found for pcDNA4TO-K560-E236A-24xGCN4_v1-IRES-Puro.

### 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 dkNET .


Renganathan B, et al. (2025) Vimentin filament transport and organization revealed by single-particle tracking and 3D FIB-SEM. The Journal of cell biology, 224(4).

Bracey KM, et al. (2025) Glucose-stimulated KIF5B-driven microtubule sliding organizes microtubule networks in mouse pancreatic ?? cells. eLife, 12.

Renganathan B, et al. (2024) Transport and Organization of Individual Vimentin Filaments Within Dense Networks Revealed by Single Particle Tracking and 3D FIB-SEM. bioRxiv : the preprint server for biology.

Bracey KM, et al. (2023) Glucose-stimulated KIF5B-driven microtubule sliding organizes microtubule networks in pancreatic beta cells. bioRxiv : the preprint server for biology.

Baron DM, et al. (2022) ALS-associated KIF5A mutations abolish autoinhibition resulting in a toxic gain of function. Cell reports, 39(1), 110598.