

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

H2A-mScarletI-P2A-Akt-KTR-mTurquoise2-P2A-ERK-KTR-mNeonGreen

RRID:Addgene_129631

Type: Plasmid

Proper Citation

RRID:Addgene_129631

Plasmid Information

URL: <http://www.addgene.org/129631>

Proper Citation: RRID:Addgene_129631

Insert Name: H2A-mScarletI-P2A-Akt-KTR-mTurquoise2-P2A-ERK-KTR-mNeonGreen

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35107584](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2021.07.27.453948v3> for bioRxiv preprint.

Plasmid Name: H2A-mScarletI-P2A-Akt-KTR-mTurquoise2-P2A-ERK-KTR-mNeonGreen

Record Creation Time: 20220422T221720+0000

Record Last Update: 20260826T040647+0000

Ratings and Alerts

No rating or validation information has been found for H2A-mScarletI-P2A-Akt-KTR-mTurquoise2-P2A-ERK-KTR-mNeonGreen.

No alerts have been found for H2A-mScarletI-P2A-Akt-KTR-mTurquoise2-P2A-ERK-KTR-mNeonGreen.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhao Y, et al. (2026) Therapy-induced cholesterol biosynthesis drives lung cancer dormancy and drug resistance. The Journal of clinical investigation, 136(8).

Wurz AI, et al. (2024) Optogenetic Regulation of EphA1 RTK Activation and Signaling. bioRxiv : the preprint server for biology.

Chavez-Abiega S, et al. (2022) Single-cell imaging of ERK and Akt activation dynamics and heterogeneity induced by G-protein-coupled receptors. Journal of cell science, 135(6).