

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

pCBh-T7-SpCas9(KRTMQR)-P2A-mTagBFP2(RAS3591)

RRID:Addgene_223106

Type: Plasmid

Proper Citation

RRID:Addgene_223106

Plasmid Information

URL: <http://www.addgene.org/223106>

Proper Citation: RRID:Addgene_223106

Insert Name: human codon optimized nuclease SpCas9(KRTMQR)-P2A-mTagBFP2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40262634](#)

Vector Backbone Description: Backbone Marker: Benjamin Kleinstiver, Addgene plasmid #139987; Vector Backbone: pCMV-T7-SpCas9-P2A-EGFP (RTW3027); Vector Types: Mammalian Expression, CRISPR; Bacterial Resistance: Ampicillin

Plasmid Name: pCBh-T7-SpCas9(KRTMQR)-P2A-mTagBFP2(RAS3591)

Relevant Mutation: SpCas9(KRTMQR)=D1135K, S1136R, G1218T, E1219M, R1335Q, T1337R

Record Creation Time: 20250430T052805+0000

Record Last Update: 20260912T094329+0000

Ratings and Alerts

No rating or validation information has been found for pCBh-T7-SpCas9(KRTMQR)-P2A-mTagBFP2(RAS3591).

No alerts have been found for pCBh-T7-SpCas9(KRTMQR)-P2A-mTagBFP2(RAS3591).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.