Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

px458 EQR

RRID:Addgene_101731
Type: Plasmid

Proper Citation

RRID:Addgene_101731

Plasmid Information

URL: http://www.addgene.org/101731

Proper Citation: RRID:Addgene_101731

Insert Name: SpCas9 EQR

Organism: S pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29804665

Vector Backbone Description: Vector Backbone:px458; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Cas9 EQR sequence cloned from Addgene Plasmid #65772 cloned into px458 Addgene plasmid #48138

Plasmid Name: px458 EQR

Relevant Mutation: EQR (D1135E, R1335Q, and T1337R mutations in Cas9)

Record Creation Time: 20220422T221454+0000

Record Last Update: 20260808T080313+0000

Ratings and Alerts

No rating or validation information has been found for px458 EQR.

No alerts have been found for px458 EQR.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Abu-Saleh N, et al. (2023) The molecular mechanism of CD81 antibody inhibition of metastasis. Proceedings of the National Academy of Sciences of the United States of America, 120(26), e2305042120.

Yu Koh X, et al. (2022) Conformation specific antagonistic high affinity antibodies to the RON receptor kinase for imaging and therapy. Scientific reports, 12(1), 22564.

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.

Lambrus BG, et al. (2018) Applying the auxin-inducible degradation system for rapid protein depletion in mammalian cells. Methods in cell biology, 144, 107.