

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

p458 VRER

RRID:Addgene_101728

Type: Plasmid

Proper Citation

RRID:Addgene_101728

Plasmid Information

URL: <http://www.addgene.org/101728>

Proper Citation: RRID:Addgene_101728

Insert Name: SpCas9 VRER

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 VRER sequence cloned from Addgene Plasmid #65773 cloned into px458 Addgene plasmid #48138

Plasmid Name: p458 VRER

Relevant Mutation: VRER (D1135V, G1218R, R1335E, and T1337R mutations in Cas9)

Record Creation Time: 20220422T221454+0000

Record Last Update: 20260815T080021+0000

Ratings and Alerts

No rating or validation information has been found for p458 VRER.

No alerts have been found for p458 VRER.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.