

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

px459 VQR

RRID:Addgene_101715

Type: Plasmid

Proper Citation

RRID:Addgene_101715

Plasmid Information

URL: <http://www.addgene.org/101715>

Proper Citation: RRID:Addgene_101715

Insert Name: SpCas9 VQR

Organism: S pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29804665](#)

Vector Backbone Description: Vector Backbone:px459 v2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/182840v1> for bioRxiv preprint.

Plasmid Name: px459 VQR

Relevant Mutation: VQR (D1135V, R1335Q and T1337R)

Record Creation Time: 20220422T221454+0000

Record Last Update: 20260919T090403+0000

Ratings and Alerts

No rating or validation information has been found for px459 VQR.

No alerts have been found for px459 VQR.

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 [NIF](#) .

Stemerding M, et al. (2025) Exploring exon excision as a therapeutic intervention strategy for the future treatment of ADGRV1-associated retinitis pigmentosa. Molecular therapy. Nucleic acids, 36(4), 102702.

Tian G, et al. (2021) Dual roles of HSP70 chaperone HSPA1 in quality control of nascent and newly synthesized proteins. The EMBO journal, 40(13), e106183.

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.