

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[xCas9\(3.7\)-BE4](#)

RRID:Addgene_108381

Type: Plasmid

Proper Citation

RRID:Addgene_108381

Plasmid Information

URL: <http://www.addgene.org/108381>

Proper Citation: RRID:Addgene_108381

Insert Name: xCas9(3.7)-BE4

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29512652](#)

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

Plasmid Name: xCas9(3.7)-BE4

Relevant Mutation: A262T, R324L, S409I, E480K, E543D, M694I, E1219V

Record Creation Time: 20220422T221526+0000

Record Last Update: 20260902T041122+0000

Ratings and Alerts

No rating or validation information has been found for xCas9(3.7)-BE4.

No alerts have been found for xCas9(3.7)-BE4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Liang HT, et al. (2025) Penicilazaphilone C triggers ferroptosis in triple-negative breast cancer cells via the MDM2/p53/SLC7 A11/GPX4 pathway. *Discover oncology*, 16(1), 983.

Zueva AS, et al. (2025) Isogenic induced pluripotent stem cell line ICGi036-A-1 from a patient with familial hypercholesterolaemia, derived by correcting a pathogenic variant of the gene LDLR c.530C>T. *Vavilovskii zhurnal genetiki i selektsii*, 29(2), 189.

Neves A, et al. (2024) Evidence That a Peptide-Drug/p53 Gene Complex Promotes Cognate Gene Expression and Inhibits the Viability of Glioblastoma Cells. *Pharmaceutics*, 16(6).

Garaud?? S, et al. (2024) Selective haematological cancer eradication with preserved haematopoiesis. *Nature*, 630(8017), 728.

Abreu RBV, et al. (2024) Functional evaluation of germline TP53 variants identified in Brazilian families at-risk for Li-Fraumeni syndrome. *Scientific reports*, 14(1), 17187.

Li Q, et al. (2023) Base editing-mediated one-step inactivation of the Dnmt gene family reveals critical roles of DNA methylation during mouse gastrulation. *Nature communications*, 14(1), 2922.