

Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 2026

pDG462

RRID:Addgene_100903

Type: Plasmid

Proper Citation

RRID:Addgene_100903

Plasmid Information

URL: <http://www.addgene.org/100903>

Proper Citation: RRID:Addgene_100903

Insert Name: humanized CRISPR associated protein 9 Nickase

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29211736](#)

Vector Backbone Description: Backbone Size:9175; Vector Backbone:pSpCas9n(BB)-2A-Puro (PX462) V2.0; Vector Types:Mammalian Expression, Mouse Targeting, CRISPR; Bacterial Resistance:Ampicillin

Comments: Modified from pSpCas9n(BB)-2A-Puro (PX462) V2.0 (<https://www.addgene.org/62987/>).

Plasmid Name: pDG462

Relevant Mutation: D10A mutant converts to Nickase

Record Creation Time: 20220422T221451+0000

Record Last Update: 20260829T074959+0000

Ratings and Alerts

No rating or validation information has been found for pDG462.

No alerts have been found for pDG462.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Fu H, et al. (2025) Identification of a Distal Enhancer That Regulates TGF- β -Induced SNAI1 Expression. Cancer science, 116(8), 2137.