

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

pSCAR_Cas9-hygro_GFP

RRID:Addgene_162075

Type: Plasmid

Proper Citation

RRID:Addgene_162075

Plasmid Information

URL: <http://www.addgene.org/162075>

Proper Citation: RRID:Addgene_162075

Insert Name: Cas9-2a-hygromycin B phosphotransferase

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33497609](#)

Vector Backbone Description: Backbone Marker:Broad Institute; Backbone Size:8504; Vector Backbone:pLX311; Vector Types:Mammalian Expression, Lentiviral, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pSCAR_Cas9-hygro_GFP

Relevant Mutation: codon-optimized for expression in M. musculus

Record Creation Time: 20220422T221917+0000

Record Last Update: 20260829T075853+0000

Ratings and Alerts

No rating or validation information has been found for pSCAR_Cas9-hygro_GFP.

No alerts have been found for pSCAR_Cas9-hygro_GFP.

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 [RRID](#) .

Fu C, et al. (2025) In vivo CRISPR screening in head and neck cancer reveals Uchl5 as an immunotherapy target. Nature communications, 16(1), 8572.

Tsai CH, et al. (2023) Immunoediting instructs tumor metabolic reprogramming to support immune evasion. Cell metabolism, 35(1), 118.

Wu MJ, et al. (2022) Mutant IDH Inhibits IFN γ -TET2 Signaling to Promote Immune evasion and Tumor Maintenance in Cholangiocarcinoma. Cancer discovery, 12(3), 812.

Dubrot J, et al. (2021) In vivo screens using a selective CRISPR antigen removal lentiviral vector system reveal immune dependencies in renal cell carcinoma. Immunity, 54(3), 571.