Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2024

pX601-AAV-CMV::NLS-SaCas9-NLS-3xHA-bGHpA;U6::Bsal-sgRNA

RRID:Addgene_61591

Type: Plasmid

Proper Citation

RRID:Addgene_61591

Plasmid Information

URL: http://www.addgene.org/61591

Proper Citation: RRID:Addgene_61591

Insert Name: hSaCas9

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25830891

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian

Expression, AAV, CRISPR; Bacterial Resistance: Ampicillin

Plasmid Name: pX601-AAV-CMV::NLS-SaCas9-NLS-3xHA-bGHpA;U6::Bsal-sgRNA

Ratings and Alerts

No rating or validation information has been found for pX601-AAV-CMV::NLS-SaCas9-NLS-3xHA-bGHpA;U6::BsaI-sgRNA.

No alerts have been found for pX601-AAV-CMV::NLS-SaCas9-NLS-3xHA-bGHpA;U6::BsalsgRNA.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Levchenko O, et al. (2024) Unexpected extra exon skipping in the DYSF gene during restoring the reading frame by CRISPR/Cas9. Bio Systems, 235, 105072.

Torella L, et al. (2024) Efficient and safe therapeutic use of paired Cas9-nickases for primary hyperoxaluria type 1. EMBO molecular medicine, 16(1), 112.

Hu Z, et al. (2023) Correction of F8 intron 1 inversion in hemophilia A patient-specific iPSCs by CRISPR/Cas9 mediated gene editing. Frontiers in genetics, 14, 1115831.

Li WR, et al. (2023) Neural mechanisms underlying uninstructed orofacial movements during reward-based learning behaviors. Current biology: CB, 33(16), 3436.

Moço PD, et al. (2023) Production of adeno-associated viral vector serotype 6 by triple transfection of suspension HEK293 cells at higher cell densities. Biotechnology journal, 18(9), e2300051.

Moço PD, et al. (2023) Targeted Delivery of Chimeric Antigen Receptor into T Cells via CRISPR-Mediated Homology-Directed Repair with a Dual-AAV6 Transduction System. Current issues in molecular biology, 45(10), 7705.

Johnson CW, et al. (2022) Regulation of GTPase function by autophosphorylation. Molecular cell, 82(5), 950.

Liu Z, et al. (2022) Deficiency in endocannabinoid synthase DAGLB contributes to early onset Parkinsonism and murine nigral dopaminergic neuron dysfunction. Nature communications, 13(1), 3490.

You J, et al. (2022) Generation of a homozygous P4HA2 knockout human embryonic stem cell line (FDCHDPe012-A) by CRISPR/Cas9 system. Stem cell research, 64, 102930.

Wu BW, et al. (2022) Antiviral Targeting of Varicella Zoster Virus Replication and Neuronal Reactivation Using CRISPR/Cas9 Cleavage of the Duplicated Open Reading Frames 62/71. Viruses, 14(2).

Hanson B, et al. (2022) Non-uniform dystrophin re-expression after CRISPR-mediated exon excision in the dystrophin/utrophin double-knockout mouse model of DMD. Molecular therapy. Nucleic acids, 30, 379.

Öztürk BE, et al. (2021) scAAVengr, a transcriptome-based pipeline for quantitative ranking

of engineered AAVs with single-cell resolution. eLife, 10.

You J, et al. (2021) Generation of a homozygous LRPAP1 knockout human embryonic stem cell line (FDCHDPe009-B) by CRISPR/Cas9 system. Stem cell research, 56, 102516.

You J, et al. (2021) Generation of a homozygous LRP2 knockout human embryonic stem cell line (FDCHDPe010-A-56) by CRISPR/Cas9 system. Stem cell research, 53, 102342.

Gendron WAC, et al. (2021) Unlocking loxP to Track Genome Editing In Vivo. Genes, 12(8).

Helfer-Hungerbuehler AK, et al. (2021) Adeno-Associated Vector-Delivered CRISPR/SaCas9 System Reduces Feline Leukemia Virus Production In Vitro. Viruses, 13(8).

Melzer S, et al. (2021) Bombesin-like peptide recruits disinhibitory cortical circuits and enhances fear memories. Cell, 184(22), 5622.

Lin R, et al. (2020) The Raphe Dopamine System Controls the Expression of Incentive Memory. Neuron, 106(3), 498.

Cui W, et al. (2020) Dopaminergic Signaling in the Nucleus Accumbens Modulates Stress-Coping Strategies during Inescapable Stress. The Journal of neuroscience: the official journal of the Society for Neuroscience, 40(38), 7241.

Rauch S, et al. (2019) Programmable RNA-Guided RNA Effector Proteins Built from Human Parts. Cell, 178(1), 122.