Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

AAV:ITR-U6-sgRNA(backbone)-pCBh-Cre-WPRE-hGHpA-ITR

RRID:Addgene_60229
Type: Plasmid

Proper Citation

RRID:Addgene_60229

Plasmid Information

URL: http://www.addgene.org/60229

Proper Citation: RRID:Addgene_60229

Insert Name: sgRNA

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25263330

Vector Backbone Description: Backbone Size:2597; Vector Backbone:AAV; Vector Types:Mammalian Expression, Mouse Targeting, AAV, Cre/Lox, CRISPR; Bacterial Resistance:Ampicillin

Comments: Information for Cas9 mice: JAX Stock#024857 B6.129S-Gt(ROSA)26Sor /J Strain Common Name: Cre-dependent Cas9 mouse; Rosa26-LSL-Cas9 (http://jaxmice.jax.org/strain/024857.html) JAX Stock#024858 B6;129S(FVB)-Gt(ROSA)26Sor /J Strain Common Name: constitutively active Cas9 mouse; Rosa26-Cas9 (http://jaxmice.jax.org/strain/024858.html) NOTE: The CBh promoter is slightly truncated. There should be no effect on function. The GC-rich region of the CBh promoter is also difficult to sequence by NGS, and this region may differ from the true sequence by a base.

Plasmid Name: AAV:ITR-U6-sgRNA(backbone)-pCBh-Cre-WPRE-hGHpA-ITR

Record Creation Time: 20220422T222346+0000

Record Last Update: 20220422T224506+0000

Ratings and Alerts

No rating or validation information has been found for AAV:ITR-U6-sgRNA(backbone)-pCBh-Cre-WPRE-hGHpA-ITR.

No alerts have been found for AAV:ITR-U6-sgRNA(backbone)-pCBh-Cre-WPRE-hGHpA-ITR.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Martinez S, et al. (2024) In vivo CRISPR screens reveal SCAF1 and USP15 as drivers of pancreatic cancer. Nature communications, 15(1), 5266.

Yang J, et al. (2022) Functionally distinct NPAS4-expressing somatostatin interneuron ensembles critical for motor skill learning. Neuron, 110(20), 3339.

Sakers K, et al. (2021) Loss of Quaking RNA binding protein disrupts the expression of genes associated with astrocyte maturation in mouse brain. Nature communications, 12(1), 1537.

Ma C, et al. (2019) Sleep Regulation by Neurotensinergic Neurons in a Thalamo-Amygdala Circuit. Neuron, 103(2), 323.

Yamasaki T, et al. (2017) GARLH Family Proteins Stabilize GABAA Receptors at Synapses. Neuron, 93(5), 1138.