Resource Summary Report

Generated by dkNET on Aug 22, 2026

pcU6_3 MS2 sgRNA

RRID:Addgene_92394
Type: Plasmid

Proper Citation

RRID:Addgene_92394

Plasmid Information

URL: http://www.addgene.org/92394

Proper Citation: RRID:Addgene_92394

Insert Name: chick U6.3 promoter and gRNA cloning cassette including MS2 stem loops

Organism: Gallus gallus

Bacterial Resistance: Tetracycline

Defining Citation: PMID:29386245

Vector Backbone Description: Backbone Size:3055; Vector Backbone:pNG3; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Tetracycline

Comments: Kudo, T., and S. Sutou. 2005. Usage of putative chicken U6 promoters for vector-based RNA interference. J Reprod Dev. 51:411-417. Efficient design and assembly of custom TALEN and other TAL effector-based constructs for DNA targeting. Cermak T, Doyle EL, Christian M, Wang L, Zhang Y, Schmidt C, Baller JA, Somia NV, Bogdanove AJ, Voytas DF. Nucleic Acids Res. 2011 Apr 14. ():. 10.1093/nar/gkr218 PubMed 21493687 Genome-scale transcriptional activation by an engineered CRISPR-Cas9 complex. Konermann S, Brigham MD, Trevino AE, Joung J, Abudayyeh OO, Barcena C, Hsu PD, Habib N, Gootenberg JS, Nishimasu H, Nureki O, Zhang F. Nature. 2014 Dec 10. doi: 10.1038/nature14136. 10.1038/nature14136 PubMed 25494202 Please visit https://www.biorxiv.org/content/early/2017/05/08/135525 for bioRxiv preprint.

Plasmid Name: pcU6_3 MS2 sgRNA

Record Creation Time: 20220422T222625+0000

Record Last Update: 20260815T082230+0000

Ratings and Alerts

No rating or validation information has been found for pcU6_3 MS2 sgRNA.

No alerts have been found for pcU6_3 MS2 sgRNA.

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 dkNET .

Libby ARG, et al. (2025) An in vivo CRISPR screen in chick embryos reveals a role for MLLT3 in specification of neural cells from the caudal epiblast. Development (Cambridge, England), 152(3).