Resource Summary Report

Generated by dkNET on Sep 15, 2026

p-mCherry2-sgMUC4

RRID:Addgene_198399
Type: Plasmid

Proper Citation

RRID:Addgene_198399

Plasmid Information

URL: http://www.addgene.org/198399

Proper Citation: RRID:Addgene_198399

Insert Name: MUC4 sgRNA

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:37063065

Vector Backbone Description: Backbone Marker:Addgene 198330; Backbone Size:5258; Vector Backbone:pmCherry-sgRNA (empty); Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: MUC4 guide sequence used is from Chen et al., 2013 (/doi.org/10.1016/j.cell.2013.12.001), where it is referred to as MUC4-E3. Target sequence: GGCGTGACCTGTGGATGCTG

Plasmid Name: p-mCherry2-sgMUC4

Record Creation Time: 20230416T080543+0000

Record Last Update: 20260912T093739+0000

Ratings and Alerts

No rating or validation information has been found for p-mCherry2-sgMUC4.

No alerts have been found for p-mCherry2-sgMUC4.

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 .

Tovini L, et al. (2023) Targeted assembly of ectopic kinetochores to induce chromosome-specific segmental aneuploidies. The EMBO journal, 42(10), e111587.