

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

pMasterK

RRID:Addgene_165081

Type: Plasmid

Proper Citation

RRID:Addgene_165081

Plasmid Information

URL: <http://www.addgene.org/165081>

Proper Citation: RRID:Addgene_165081

Insert Name: OCT4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34088009](#)

Vector Backbone Description: Vector Backbone:pMaster; Vector Types:Mammalian Expression, Episomal; Bacterial Resistance:Ampicillin

Comments: Please note that Addgene's NGS found that the bGH poly(A) signal between one of the oris and Lin28 is absent as compared to the annotated sequence provided by the depositor. Please note that this plasmid contains repetitive elements which are prone to recombination. Screen 3-5 small colonies to ensure the full plasmid is selected. For example, the restriction enzyme NheI can be used to check the plasmid size as shown in Addgene's Diagnostic Digest.

Plasmid Name: pMasterK

Record Creation Time: 20220422T221932+0000

Record Last Update: 20260829T075924+0000

Ratings and Alerts

No rating or validation information has been found for pMasterK.

No alerts have been found for pMasterK.

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 [NIF](#) .

Recchia K, et al. (2025) Generation of bovine iPSCs from fetal fibroblasts for in vitro myogenesis and cultured meat. Frontiers in nutrition, 12, 1562981.