

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

T7-VEE-OKS-iM

RRID:Addgene_58972

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/58972>

Proper Citation: RRID:Addgene_58972

Insert Name: Oct4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23910086](#)

Vector Backbone Description: Backbone Marker:Dowdy lab; Vector Backbone:T7-VEE-IRES-puro (Addgene plasmid 58970); Vector Types:Mammalian Expression, Venezuelan equine encephalitis (VEE) virus RNA replicon; Bacterial Resistance:Ampicillin

Comments: Summary of features: 1-7561: VEE RNA replicases (nsP1, nsP2, nsP3, nsP4 and 26S promoter, nsP1~4 are nonstructural VEE sequences which encode RNA replicases) 7592-8671: human Oct4 8678-8731: T2A peptide sequence 8738-10147: human Klf4 10154-10213: E2A peptide sequence 10223-11176: human Sox2 11195-11805: IRES sequence 11818-13140: human cMyc 13165-13776: IRES sequence 13777-14376: Puromycin resistance gene 14383-14510:VEE 3'UTR and poly A tail 14679-15539: Ampicillin resistance gene 16319-16336: T7 promoter

Plasmid Name: T7-VEE-OKS-iM

Record Creation Time: 20220422T222340+0000

Record Last Update: 20260815T081720+0000

Ratings and Alerts

No rating or validation information has been found for T7-VEE-OKS-iM.

No alerts have been found for T7-VEE-OKS-iM.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Petkov SG, et al. (2022) Generation of Marmoset Monkey iPSCs with Self-Replicating VEE-mRNAs in Feeder-Free Conditions. Methods in molecular biology (Clifton, N.J.), 2454, 717.

Petkov S, et al. (2020) Controlling the Switch from Neurogenesis to Pluripotency during Marmoset Monkey Somatic Cell Reprogramming with Self-Replicating mRNAs and Small Molecules. Cells, 9(11).