

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pXL004-ishRNA-scramble

RRID:Addgene_36311

Type: Plasmid

Proper Citation

RRID:Addgene_36311

Plasmid Information

URL: <http://www.addgene.org/36311>

Proper Citation: RRID:Addgene_36311

Insert Name: shRNA of scramble

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22645348](#)

Vector Backbone Description: Backbone Marker:Biosettia; Backbone Size:10275; Vector Backbone:pLV-H1TetO-RFP-Puro; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: The plasmid backbone is TetO-H1-shRNA-EF1a-TetR-IRES-RFP-Puro. It is a all-in-one inducible shRNA knockdown lentiviral plasmid. The paper associated with this plasmid is "Robust cardiomyocyte differentiation from human pluripotent stem cells via temporal modulation of canonical Wnt signaling"

Plasmid Name: pXL004-ishRNA-scramble

Record Creation Time: 20220422T222154+0000

Record Last Update: 20260815T081409+0000

Ratings and Alerts

No rating or validation information has been found for pXL004-ishRNA-scramble.

No alerts have been found for pXL004-ishRNA-scramble.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Mahmud I, et al. (2023) DAXX drives de novo lipogenesis and contributes to tumorigenesis. Nature communications, 14(1), 1927.

Abreu de Oliveira WA, et al. (2021) Wnt/ β -Catenin Inhibition Disrupts Carboplatin Resistance in Isogenic Models of Triple-Negative Breast Cancer. Frontiers in oncology, 11, 705384.

Lian X, et al. (2013) Directed cardiomyocyte differentiation from human pluripotent stem cells by modulating Wnt/ β -catenin signaling under fully defined conditions. Nature protocols, 8(1), 162.