

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

psiCHECK2-miR-34 WT

RRID:Addgene_78258

Type: Plasmid

Proper Citation

RRID:Addgene_78258

Plasmid Information

URL: <http://www.addgene.org/78258>

Proper Citation: RRID:Addgene_78258

Insert Name: fully complimentary miR-34 target site

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26996824](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:6273; Vector Backbone:psiCHECK-2; Vector Types:Mammalian Expression, Luciferase, microRNA activity; Bacterial Resistance:Ampicillin

Comments: Please note there is a single nucleotide mismatch between the published miR34 sequence and Addgene's quality control sequence. This mismatch does not affect plasmid function.

Plasmid Name: psiCHECK2-miR-34 WT

Record Creation Time: 20220422T222516+0000

Record Last Update: 20260815T082022+0000

Ratings and Alerts

No rating or validation information has been found for psiCHECK2-miR-34 WT.

No alerts have been found for psiCHECK2-miR-34 WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Boudjadi S, et al. (2026) Involvement of the FGF8/FGF Receptor Signaling Pathway in the Maintenance and Progression of Fusion-Positive Rhabdomyosarcoma. *Molecular cancer therapeutics*, 25(3), 493.

Kosek DM, et al. (2025) Mapping effective microRNA pairing beyond the seed using abasic modifications. *Nucleic acids research*, 53(8).

Vietri Rudan M, et al. (2024) Neutral evolution of snoRNA Host Gene long non-coding RNA affects cell fate control. *The EMBO journal*, 43(18), 4049.

Kosek DM, et al. (2023) Efficient 3'-pairing renders microRNA targeting less sensitive to mRNA seed accessibility. *Nucleic acids research*, 51(20), 11162.

Baronti L, et al. (2020) Base-pair conformational switch modulates miR-34a targeting of Sirt1 mRNA. *Nature*, 583(7814), 139.