

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

MSCV P2Gm FF

RRID:Addgene_19750

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/19750>

Proper Citation: RRID:Addgene_19750

Insert Name: oligo targeting Firefly luciferase

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18779577](#)

Vector Backbone Description: Backbone Marker:MSCV2.2 with WPRE cloned into ClaI site is the base vector; Backbone Size:7518; Vector Backbone:MSCV P2Gm; Vector Types:Mammalian Expression, Retroviral, RNAi; Bacterial Resistance:Ampicillin

Comments: MSCV-based entry vector for cloning and validating miR30-based RNAi constructs. The vector expresses puromycin-resistance and GFP, separated by the FMDV 2A peptide. This is considered the "empty" vector and can be used for cloning. It contains a hairpin targeting Firefly luciferase. See FLIP vector protocols (PDF from this page) for more information. There are minor discrepancies between the depositor's sequence and Addgene's sequencing results. The mismatches are either coding joints or a sequencing difference between the actual and the published miR30 vector sequence.

Plasmid Name: MSCV P2Gm FF

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260902T043523+0000

Ratings and Alerts

No rating or validation information has been found for MSCV P2Gm FF.

No alerts have been found for MSCV P2Gm FF.

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 [RRID](#) .

Xie L, et al. (2018) Transient HIF2A inhibition promotes satellite cell proliferation and muscle regeneration. The Journal of clinical investigation, 128(6), 2339.