

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

PML-3/pSG5

RRID:Addgene_50939

Type: Plasmid

Proper Citation

RRID:Addgene_50939

Plasmid Information

URL: <http://www.addgene.org/50939>

Proper Citation: RRID:Addgene_50939

Insert Name: PML-3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10779416](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4076;
Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: PML-3/pSG5

Relevant Mutation: K65R, K160R, K490R (Sumo modification sites)

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260725T074809+0000

Ratings and Alerts

No rating or validation information has been found for PML-3/pSG5.

No alerts have been found for PML-3/pSG5.

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 [NIF](#) .

Karle W, et al. (2021) Promyelocytic leukemia protein promotes the phenotypic switch of smooth muscle cells in atherosclerotic plaques of human coronary arteries. Clinical science (London, England : 1979), 135(7), 887.

Loe TK, et al. (2020) Telomere length heterogeneity in ALT cells is maintained by PML-dependent localization of the BTR complex to telomeres. Genes & development, 34(9-10), 650.