

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

pSM-mStayGold

RRID:Addgene_234317

Type: Plasmid

Proper Citation

RRID:Addgene_234317

Plasmid Information

URL: <http://www.addgene.org/234317>

Proper Citation: RRID:Addgene_234317

Insert Name: C. elegans codon optimized mStayGold

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:39897165](#)

Vector Backbone Description: Backbone Marker:Cori Bargmann's lab; Backbone Size:3600; Vector Backbone:pSM; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: The original mStayGold was described in the following paper. StayGold variants for molecular fusion and membrane-targeting applications. Ando R, Shimozone S, Ago H, Takagi M, Sugiyama M, Kurokawa H, Hirano M, Niino Y, Ueno G, Ishidate F, Fujiwara T, Okada Y, Yamamoto M, Miyawaki A. Nat Methods. 2023 Nov 30. doi: 10.1038/s41592-023-02085-6. 10.1038/s41592-023-02085-6 PubMed 38036853

Plasmid Name: pSM-mStayGold

Record Creation Time: 20250328T090925+0000

Record Last Update: 20260829T082322+0000

Ratings and Alerts

No rating or validation information has been found for pSM-mStayGold.

No alerts have been found for pSM-mStayGold.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.