

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pRM14

RRID:Addgene_163693

Type: Plasmid

Proper Citation

RRID:Addgene_163693

Plasmid Information

URL: <http://www.addgene.org/163693>

Proper Citation: RRID:Addgene_163693

Insert Name: DHB:mNeonGreen-P2A-H2B:mScarlet

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33350383](#)

Vector Backbone Description: Backbone Size:7854; Vector Backbone:Tol2; Vector Types:Unspecified, Zebrafish expression; Bacterial Resistance:Ampicillin

Comments: DNA Helicase B (DHB) as a CDK sensor described in: Hahn, A.T., Jones, J.T., and Meyer, T. (2009). Quantitative analysis of cell cycle phase durations and PC12 differentiation using fluorescent biosensors. Cell Cycle 8, 1044-1052. Spencer, S.L., Cappell, S.D., Tsai, F.C., Overton, K.W., Wang, C.L., and Meyer, T. (2013). The proliferation-quiescence decision is controlled by a bifurcation in CDK2 activity at mitotic exit. Cell 155, 369-383.

Plasmid Name: pRM14

Record Creation Time: 20220422T221925+0000

Record Last Update: 20260725T074148+0000

Ratings and Alerts

No rating or validation information has been found for pRM14.

No alerts have been found for pRM14.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.