

Resource Summary Report

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

pPSmOrange-N1

RRID:Addgene_31898

Type: Plasmid

Proper Citation

RRID:Addgene_31898

Plasmid Information

URL: <http://www.addgene.org/31898>

Proper Citation: RRID:Addgene_31898

Insert Name: PSmOrange

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21804536](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pN1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pPSmOrange-N1

Relevant Mutation: S21T, Q63L, F100Y, L125M, K166R, P192S (mutations are relative to mOrange but numbering is relative to EGFP)

Record Creation Time: 20220422T222138+0000

Record Last Update: 20260815T081341+0000

Ratings and Alerts

No rating or validation information has been found for pPSmOrange-N1.

No alerts have been found for pPSmOrange-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

McKnight CA, et al. (2025) The linker histone chaperone Prothymosin ?? (PTMA) is essential for efficient DNA damage repair and the recruitment of PARP1. *Epigenetics & chromatin*, 18(1), 32.

Winter M, et al. (2021) Vimentin Promotes the Aggressiveness of Triple Negative Breast Cancer Cells Surviving Chemotherapeutic Treatment. *Cells*, 10(6).

Ropelewski P, et al. (2019) Disrupted Plasma Membrane Protein Homeostasis in a *Xenopus Laevis* Model of Retinitis Pigmentosa. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(28), 5581.