

# Resource Summary Report

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

## pEIGW roGFP2-Orp1

RRID:Addgene\_64993

Type: Plasmid

### Proper Citation

RRID:Addgene\_64993

### Plasmid Information

**URL:** <http://www.addgene.org/64993>

**Proper Citation:** RRID:Addgene\_64993

**Insert Name:** Orp1

**Organism:** Saccharomyces cerevisiae

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:19755417](#)

**Vector Backbone Description:** Backbone Marker:Clontech; Vector Backbone:pLPCX; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

**Comments:** Sequence discrepancies found during QC should not affect function

**Plasmid Name:** pEIGW roGFP2-Orp1

**Record Creation Time:** 20220422T222410+0000

**Record Last Update:** 20260815T081814+0000

### Ratings and Alerts

No rating or validation information has been found for pEIGW roGFP2-Orp1.

No alerts have been found for pEIGW roGFP2-Orp1.

### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Eduardo MB, et al. (2025) A metabolic shift to the serine pathway induced by lipids fosters epigenetic reprogramming in nontransformed breast cells. *Science advances*, 11(12), eads9182.

Palma FR, et al. (2024) Histone H3.1 is a chromatin-embedded redox sensor triggered by tumor cells developing adaptive phenotypic plasticity and multidrug resistance. *Cell reports*, 43(3), 113897.

Niessner H, et al. (2022) Therapeutic Efficacy of Pharmacological Ascorbate on Braf Inhibitor Resistant Melanoma Cells In Vitro and In Vivo. *Cells*, 11(7).

Kang JH, et al. (2020) Monitoring and modeling of lymphocytic leukemia cell bioenergetics reveals decreased ATP synthesis during cell division. *Nature communications*, 11(1), 4983.

Hinchey EC, et al. (2018) Mitochondria-derived ROS activate AMP-activated protein kinase (AMPK) indirectly. *The Journal of biological chemistry*, 293(44), 17208.

Hatori Y, et al. (2018) Local redox environment beneath biological membranes probed by palmitoylated-roGFP. *Redox biology*, 14, 679.