

# Resource Summary Report

Generated by [kravitz2](#) on Aug 24, 2026

## pBudORF2-CH

RRID:Addgene\_51289

Type: Plasmid

### Proper Citation

RRID:Addgene\_51289

### Plasmid Information

**URL:** <http://www.addgene.org/51289>

**Proper Citation:** RRID:Addgene\_51289

**Insert Name:** L1 ORF2

**Organism:** Homo sapiens

**Bacterial Resistance:** Bleocin (Zeocin)

**Defining Citation:** [PMID:21572950](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:4595; Vector Backbone:pBudCE4.1; Vector Types:Mammalian Expression; Bacterial Resistance:Bleocin (Zeocin)

**Comments:** This plasmid was created using the codon optimized L1RP as a source for the ORF2 coding sequence.

**Plasmid Name:** pBudORF2-CH

**Record Creation Time:** 20220422T222302+0000

**Record Last Update:** 20260815T081615+0000

### Ratings and Alerts

No rating or validation information has been found for pBudORF2-CH.

No alerts have been found for pBudORF2-CH.

### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Nicodemus J, et al. (2025) Sequence Diversity and Encoded Enzymatic Differences of Monocistronic L1 ORF2 mRNA Variants in the Aged Normal and Alzheimer's Disease Brain. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(25).

Pavlová Š, et al. (2025) Hypomethylating agents increase L1 retroelement expression without inducing novel insertions in myeloid malignancies. Molecular oncology, 19(10), 2764.