

Resource Summary Report

Generated by [nidm-terms](#) on Aug 16, 2026

pReadthroughUAG

RRID:Addgene_11511

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/11511>

Proper Citation: RRID:Addgene_11511

Insert Name: Firefly luciferase, UAG stop codon, Renilla luciferase, and 3' UTR short RNA binding sites

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16483934](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4045; Vector Backbone:pRL-TK; Vector Types:Luciferase; Bacterial Resistance:Ampicillin

Comments: The stop codon of the Firefly luciferase ORF from pGL3 was replaced with the stop codon UAG. This construct contains the Firefly ORF fused in frame to Renilla with 18 bp distance between the stop codon and the first ATG within the Renilla ORF. In addition, six CXCR4 short RNA binding sites are present.

Plasmid Name: pReadthroughUAG

Record Creation Time: 20220422T221603+0000

Record Last Update: 20260815T080231+0000

Ratings and Alerts

No rating or validation information has been found for pReadthroughUAG.

No alerts have been found for pReadthroughUAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.