

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

Opto-hRET_317

RRID:Addgene_58747

Type: Plasmid

Proper Citation

RRID:Addgene_58747

Plasmid Information

URL: <http://www.addgene.org/58747>

Proper Citation: RRID:Addgene_58747

Insert Name: Opto-hRET

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24986882](#)

Vector Backbone Description: Vector Backbone:pcDNA3.1-; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Opto-hRET_317

Record Creation Time: 20220422T222339+0000

Record Last Update: 20260815T081718+0000

Ratings and Alerts

No rating or validation information has been found for Opto-hRET_317.

No alerts have been found for Opto-hRET_317.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Prahl LS, et al. (2026) Synthetic budding morphogenesis by optogenetic receptor tyrosine kinase signaling. bioRxiv : the preprint server for biology.