

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

pTH652-RLuc/maxFLuc

RRID:Addgene_29698

Type: Plasmid

Proper Citation

RRID:Addgene_29698

Plasmid Information

URL: <http://www.addgene.org/29698>

Proper Citation: RRID:Addgene_29698

Insert Name: Firefly Luciferase

Organism: Photinus pyralis

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21558172](#)

Vector Backbone Description: Backbone Size:7534; Vector Backbone:pTH645-RLuc; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTH652-RLuc/maxFLuc

Relevant Mutation: All codons of the original FLuc gene were exchanged for those isoaccepting codons decoded by the most abundant tRNAs in yeast

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

No rating or validation information has been found for pTH652-RLuc/maxFLuc.

No alerts have been found for pTH652-RLuc/maxFLuc.

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](#) .

Park JS, et al. (2023) Development of a Novel ATP Bioluminescence Assay Based on Engineered Probiotic *Saccharomyces boulardii* Expressing Firefly Luciferase. Journal of microbiology and biotechnology, 33(11), 1506.