

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

pFT1.1

RRID:Addgene_46139

Type: Plasmid

Proper Citation

RRID:Addgene_46139

Plasmid Information

URL: <http://www.addgene.org/46139>

Proper Citation: RRID:Addgene_46139

Insert Name: mCherry

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22908272](#)

Vector Backbone Description: Backbone Marker:stratagene; Vector Backbone:pBluescript II KS+; Vector Types:Cre/Lox, mutagenic gene trap for zebrafish; Bacterial Resistance:Ampicillin

Comments: mCherry is in the "+1" reading frame starting from the exon. This is a Tol2-based FLExTrap vector. It consists of a highly mutagenic gene trap contained within the FLEx cassette that can be stably inverted by both Cre and Flp recombinases. FRT/F3 and loxP/lox5171 are incompatible recombination sites used for the Flp and Cre recombinases, respectively, to stably invert the cassette. The reporter gene, mCherry, has its own initiation codon.

Plasmid Name: pFT1.1

Record Creation Time: 20220422T222238+0000

Record Last Update: 20260902T045527+0000

Ratings and Alerts

No rating or validation information has been found for pFT1.1.

No alerts have been found for pFT1.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.