Resource Summary Report

Generated by RRID on Aug 26, 2026

POPTOP

RRID:Addgene_34848
Type: Plasmid

Proper Citation

RRID:Addgene_34848

Plasmid Information

URL: http://www.addgene.org/34848

Proper Citation: RRID:Addgene_34848

Insert Name: TCF binding sites

Bacterial Resistance: Ampicillin

Defining Citation: PMID:18724937

Vector Backbone Description: Backbone Size:8000; Vector Backbone:pJIM20; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Seven copies of the TCF binding site, AGATCAAAGG, were transferred from Super8XTOPflash (plasmid M50) (Veeman et al., 2003) into Fire lab vector L3135 to place them downstream of the pes-10 minimal promoter. The seven TCF sites and the pes-10 minimal promoter were amplified using forward primer AAGCTTGGTACCGAGCTCGG and reverse primer ATGCCTAGGCAATCAATGCCTGAAAGTTAAAAATTAC. The product was then cloned into mCherry plasmid (PJIM20) with let-858 3' UTR (kind gift from Jon Audhya) using sites SpeI and AvrII. There is a known sequence discrepancy between the depositor's and Addgene's sequence, which does not alter the function of this plasmid.

Plasmid Name: POPTOP

Relevant Mutation: The TCF binding site is: AGATCAAAGG

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260815T081403+0000

Ratings and Alerts

No rating or validation information has been found for POPTOP.

No alerts have been found for POPTOP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Murray JI, et al. (2022) The anterior Hox gene ceh-13 and elt-1/GATA activate the posterior Hox genes nob-1 and php-3 to specify posterior lineages in the C. elegans embryo. PLoS genetics, 18(5), e1010187.

Zacharias AL, et al. (2015) Quantitative Differences in Nuclear ?-catenin and TCF Pattern Embryonic Cells in C. elegans. PLoS genetics, 11(10), e1005585.