

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pTrcHisB-TRF2

RRID:Addgene_50488

Type: Plasmid

Proper Citation

RRID:Addgene_50488

Plasmid Information

URL: <http://www.addgene.org/50488>

Proper Citation: RRID:Addgene_50488

Insert Name: TRF2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25115914](#)

Vector Backbone Description: Backbone Marker:Life Technologies; Backbone Size:4378; Vector Backbone:pTrcHisB; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This set of TRF2 and TRF2 mutant vectors has been engineered reintroduce Alanine 434, which is deleted in most published TRF2 vectors, and to generate TRF2 and TRF2 mutant proteins with identical N-terminal tags.

Plasmid Name: pTrcHisB-TRF2

Relevant Mutation: Contains amino acids 3-500

Record Creation Time: 20220422T222258+0000

Record Last Update: 20260815T081606+0000

Ratings and Alerts

No rating or validation information has been found for pTrcHisB-TRF2.

No alerts have been found for pTrcHisB-TRF2.

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](#) .

Liang F, et al. (2026) TRF2-RAP1 inhibits homology-directed repair of telomeres by promoting BLM-mediated removal of telomere R-loops. Nucleic acids research, 54(6).

Kar A, et al. (2016) Transcription of telomeric DNA leads to high levels of homologous recombination and t-loops. Nucleic acids research, 44(19), 9369.