

Resource Summary Report

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

pT22Ubm5En2SRE4PCh(#302)

RRID:Addgene_184089

Type: Plasmid

Proper Citation

RRID:Addgene_184089

Plasmid Information

URL: <http://www.addgene.org/184089>

Proper Citation: RRID:Addgene_184089

Insert Name: 5myc-chkEn2(SR)-ERT2-P2A-mCherry

Organism: H. sapiens (myc), G. gallus (chkEn2), H. sapiens (ERT2), PTV-1 (P2A), Discosoma sp. (mCherry)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25926358](#)

Vector Backbone Description: Backbone Marker:modified by M Volovitch from pT2AL200R150 of A Urasaki; Urasaki et al 2006, Genetics 174:639; Backbone Size:8031; Vector Backbone:pT22i (pT2AL200R150G derivative); Vector Types:Zebrafish transgenesis (blue eyes); Bacterial Resistance:Ampicillin

Comments: 5myc; chkEn2: NP_001254648; ERT2: NP_000116; P2A: AIE57569; mCherry: AY678264 (polycistronic mRNA: mCherry cytoplasmic marker of expression) + gCRY:CFP as a marker of transgenesis;

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Relevant Mutation: chkEn2: W247S, F248R; ERT2: G400V, M543A, L544A, deleted 1-281;

Record Creation Time: 20220611T080239+0000

Record Last Update: 20260725T075438+0000

Ratings and Alerts

No rating or validation information has been found for pT22Ubm5En2SRE4PCh(#302).

No alerts have been found for pT22Ubm5En2SRE4PCh(#302).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.