

# Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

## NIH 3T3 Duo-BFP53BP1

RRID:CVCL\_HC52

Type: Cell Line

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### Proper Citation

Kerafast Cat# ENH104-FP, RRID:CVCL\_HC52

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_HC52](https://web.expasy.org/cellosaurus/CVCL_HC52)

**Proper Citation:** Kerafast Cat# ENH104-FP, RRID:CVCL\_HC52

**Description:** Cell line NIH 3T3 Duo-BFP53BP1 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

**Sex:** Male

**Defining Citation:** [PMID:23929981](#)

**Comments:** Characteristics: Integrates one copy of a LacO-ISceI construct (256 copies of LacO), two copies of a TetO-ISceI-TetO construct (96 copies of TetO) as well as a LacR-GFP and a TetR-mCherry constructs., Characteristics: Cell developed for the induction and visualization of double-strand breaks chromosomal damage at specific sites of the mammalian genome. Sytem based on the stable integration of endonuclease ISceI recognition sites flanked by LacO/TetO operator arrays, coupled with retroviral-mediated integration of their fluorescent repressors (LacR/TetR) to visualize the LacO/TetO sites.

**Category:** Spontaneously immortalized cell line

**Organism:** *Mus musculus* (Mouse)

**Name:** NIH 3T3 Duo-BFP53BP1

**Cross References:** Kerafast:ENH104-FP, Wikidata:Q54930577

**ID:** CVCL\_HC52

**Vendor:** Kerafast

**Catalog Number:** ENH104-FP

**Hierarchy:** cvcl\_hc51

**Record Creation Time:** 20250130T072535+0000

**Record Last Update:** 20260905T184101+0000

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## Ratings and Alerts

No rating or validation information has been found for NIH 3T3 Duo-BFP53BP1.

No alerts have been found for NIH 3T3 Duo-BFP53BP1.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.