

Resource Summary Report

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NIH 3T3 Duo Parental

RRID:CVCL_HC50

Type: Cell Line

Proper Citation

Kerafast Cat# ENH103-FP, RRID:CVCL_HC50

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_HC50

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

Sex: Male

Defining Citation: [PMID:23929981](#), [PMID:25255091](#)

Comments: Characteristics: Integrates one copy of a LacO-ISceI construct (256 copies of LacO) and two copies of a TetO-ISceI-TetO construct (96 copies of TetO)., 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 Parental

Cross References: Kerafast:ENH103-FP, Wikidata:Q54930576

ID: CVCL_HC50

Vendor: Kerafast

Catalog Number: ENH103-FP

Hierarchy: cvcl_0594

Record Creation Time: 20250130T072535+0000

Record Last Update: 20260830T001654+0000

Ratings and Alerts

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

No alerts have been found for NIH 3T3 Duo Parental.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.