

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

4B6/3598/3442#2/4011/4014C1-2

RRID:CVCL_ZC44

Type: Cell Line

Proper Citation

Kerafast Cat# ESA105, RRID:CVCL_ZC44

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_ZC44

Proper Citation: Kerafast Cat# ESA105, RRID:CVCL_ZC44

Description: Cell line 4B6/3598/3442#2/4011/4014C1-2 is a Transformed cell line with a species of origin *Mus musculus* (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:23884459](#)

Comments: Characteristics: Transfected with reverse tetracycline-controlled transactivator (rtTA), a fusion between a mutated version of *E.coli* TetR and the activating domain of HSV-1 VP16., Characteristics: To generate this cell line the parental cells were transiently transfected with a plasmid pMA4014, which encodes mCherry and FLPO and flow sorted for transfected cells. As a result of FLPO-mediated excision of the MTS in front of the bacterial ligA gene, mitochondrial import of ligA in this cell line is inefficient and mtDNA is maintained at a reduced copy number (Kerafast=ESA105).

Category: Transformed cell line

Organism: *Mus musculus* (Mouse)

Name: 4B6/3598/3442#2/4011/4014C1-2

Cross References: Kerafast:ESA105, Wikidata:Q98125415

ID: CVCL_ZC44

Vendor: Kerafast

Catalog Number: ESA105

Hierarchy: cvcl_zc43

Record Creation Time: 20250130T070039+0000

Record Last Update: 20260802T004851+0000

Ratings and Alerts

No rating or validation information has been found for 4B6/3598/3442#2/4011/4014C1-2.

No alerts have been found for 4B6/3598/3442#2/4011/4014C1-2.

Data and Source Information

Source: [Cellosoaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.