

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

XTC-2

RRID:CVCL_5610

Type: Cell Line

Proper Citation

Kerafast Cat# EMU039, RRID:CVCL_5610

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5610

Proper Citation: Kerafast Cat# EMU039, RRID:CVCL_5610

Description: Cell line XTC-2 is a Spontaneously immortalized cell line with a species of origin *Xenopus laevis* (African clawed frog)

Sex: Sex unspecified

Defining Citation: [PMID:1811155](#), [PMID:2318264](#), [PMID:4708349](#), [PMID:8052658](#), [PMID:33389257](#)

Comments: Caution: According to RCB RCB0771 XTC-YF and XTC-2 are identical., Karyotypic information: Diploid karyotype (PubMed=4708349)., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Group: Amphibian cell line.

Category: Spontaneously immortalized cell line

Organism: *Xenopus laevis* (African clawed frog)

Name: XTC-2

Synonyms: LSTM-XL-2, XTC-YF, XTC, *Xenopus* Tadpole Carcass-2

Cross References: CLO:CLO_0050158, Kerafast:EMU039, RCB:RCB0771, Wikidata:Q54995074

ID: CVCL_5610

Vendor: Kerafast

Catalog Number: EMU039

Record Creation Time: 20250130T073048+0000

Record Last Update: 20260905T184222+0000

Ratings and Alerts

No rating or validation information has been found for XTC-2.

No alerts have been found for XTC-2.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Shih RM, et al. (2026) Impacts of DNA methylation on H2A.Z deposition and nucleosome stability. eLife, 15.

Fu L, et al. (2025) Nuclear pore passage of the HIV capsid is driven by its unusual surface amino acid composition. Nature structural & molecular biology, 32(12), 2476.

Heisler DB, et al. (2024) Antagonistic Effects of Actin-Specific Toxins on Salmonella Typhimurium Invasion into Mammalian Cells. Biomolecules, 14(11).

Rauch J, et al. (2021) GroEL is an immunodominant surface-exposed antigen of Rickettsia typhi. PloS one, 16(6), e0253084.

Schwebach CL, et al. (2020) Osteogenesis imperfecta mutations in plastin 3 lead to impaired calcium regulation of actin bundling. Bone research, 8, 21.

Yang JJ, et al. (2019) The Expression of Key Guidance Genes at a Forebrain Axon Turning Point Is Maintained by Distinct Fgfr Isoforms but a Common Downstream Signal Transduction Mechanism. eNeuro, 6(2).