

# Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

## Tango CXCR4-bla U2OS

RRID:CVCL\_ZK12

Type: Cell Line

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### Proper Citation

RRID:CVCL\_ZK12

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_ZK12](https://web.expasy.org/cellosaurus/CVCL_ZK12)

**Proper Citation:** RRID:CVCL\_ZK12

**Description:** Cell line Tango CXCR4-bla U2OS is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Disease:** Osteosarcoma

**Comments:** Characteristics: Stably expresses a beta-arrestin/TEV protease fusion protein and a beta-lactamase reporter gene under the control of an upstream activator sequence (UAS)., Characteristics: The target GPCR is linked to a TEV protease cleavage site and a GAL4-VP16 transcription factor. When activated the GPCR recruits the beta-arrestin/TEV protease fusion protein, the TEV protease cleaves off the transcription factor that translocates to the nucleus to activate the expression of the bla gene., Population: Caucasian.

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** Tango CXCR4-bla U2OS

**Cross References:** Wikidata:Q98133105

**ID:** CVCL\_ZK12

**Hierarchy:** cvcl\_zj93

**Record Creation Time:** 20220427T221620+0000

**Record Last Update:** 20260905T182534+0000

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## Ratings and Alerts

No rating or validation information has been found for Tango CXCR4-bla U2OS.

No alerts have been found for Tango CXCR4-bla U2OS.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Siddhanta K, et al. (2025) Inhalable perfluorocarbon RNA nanocapsules overcome biological barriers to treat lung metastases. Journal of controlled release : official journal of the Controlled Release Society, 391, 114570.