Resource Summary Report

Generated by RRID on Sep 3, 2026

XR-1

RRID:CVCL_K253
Type: Cell Line

Proper Citation

RRID:CVCL_K253

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_K253

Proper Citation: RRID:CVCL_K253

Description: Cell line XR-1 is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Defining Citation: PMID:2164147, PMID:6836453, PMID:10047779

Comments: Characteristics: Both alleles of Xrcc4 are deleted in this cell line.

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: XR-1

Synonyms: CHO XR-1, CHO.XR-1, GM16147

Cross References: CLO:CLO_0019811, CLO:CLO_0050426, Coriell:GM16147, RCB:RCB2331, Wikidata:Q54995035

ID: CVCL_K253

Hierarchy: cvcl_k254

Record Creation Time: 20220427T221736+0000

Record Last Update: 20260830T000413+0000

Ratings and Alerts

No rating or validation information has been found for XR-1.

No alerts have been found for XR-1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Normanno D, et al. (2017) Mutational phospho-mimicry reveals a regulatory role for the XRCC4 and XLF C-terminal tails in modulating DNA bridging during classical non-homologous end joining. eLife, 6.

MacLennan M, et al. (2017) Mobilization of LINE-1 retrotransposons is restricted by Tex19.1 in mouse embryonic stem cells. eLife, 6.