

Resource Summary Report

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

4434-EKAREV-NLS

RRID:CVCL_E9CL

Type: Cell Line

Proper Citation

RRID:CVCL_E9CL

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E9CL

Proper Citation: RRID:CVCL_E9CL

Description: Cell line 4434-EKAREV-NLS is a Cancer cell line with a species of origin *Mus musculus* (Mouse)

Sex: Sex unspecified

Disease: Mouse melanoma

Defining Citation: [PMID:25873177](#)

Comments: Characteristics: Carries the FRET biosensor EKARrEV-NLS, which consists of a donor fluorescent protein CFP, an ERK substrate peptide derived from Cdc25, an optimized linker, a FHA1 phosphate binding domain, an acceptor fluorescent protein YFP and a nuclear localization signal (PubMed=25873177).

Category: Cancer cell line

Organism: *Mus musculus* (Mouse)

Name: 4434-EKAREV-NLS

ID: CVCL_E9CL

Hierarchy: cvcl_e9ci

Record Creation Time: 20250820T063145+0000

Record Last Update: 20260802T010510+0000

Ratings and Alerts

No rating or validation information has been found for 4434-EKAREV-NLS.

No alerts have been found for 4434-EKAREV-NLS.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.