

# Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

## MDCK-WT-EKARrEV-NLS-LDR

RRID:CVCL\_D5J1

Type: Cell Line

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### Proper Citation

RRID:CVCL\_D5J1

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_D5J1](https://web.expasy.org/cellosaurus/CVCL_D5J1)

**Proper Citation:** RRID:CVCL\_D5J1

**Description:** Cell line MDCK-WT-EKARrEV-NLS-LDR is a Transformed cell line with a species of origin *Canis lupus familiaris* (Dog)

**Sex:** Female

**Defining Citation:** [PMID:34667080](#)

**Comments:** Characteristics: Transduced with the FRET biosensor EKARrEV-NLS FRET biosensor EKARrEV-NLS, which consists of a donor fluorescent protein CFP, an ERK substrate peptide derived from RSK1, an optimized linker, a FHA1 phosphate binding domain, an acceptor fluorescent protein YFP and a nuclear localization signal as well a construct containing a Lyn-targeted (first 11 residues of LYN) rapamycin-binding (FRB) domain from MTOR (LDR) (PubMed=34667080).

**Category:** Transformed cell line

**Organism:** *Canis lupus familiaris* (Dog)

**Name:** MDCK-WT-EKARrEV-NLS-LDR

**Cross References:** JCRB:JCRB1993, Wikidata:Q127382791

**ID:** CVCL\_D5J1

**Hierarchy:** cvcl\_d5ir

**Record Creation Time:** 20240503T071656+0000

**Record Last Update:** 20260816T000726+0000

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### Ratings and Alerts

No rating or validation information has been found for MDCK-WT-EKARrEV-NLS-LDR.

No alerts have been found for MDCK-WT-EKARrEV-NLS-LDR.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.