

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

A549 EML4-ALK-Luc2

RRID:CVCL_VR66

Type: Cell Line

Proper Citation

RRID:CVCL_VR66

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_VR66

Proper Citation: RRID:CVCL_VR66

Description: Cell line A549 EML4-ALK-Luc2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Comments: Characteristics: Stably expresses firefly luciferase under the control of the human EF1a promoter., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: A549 EML4-ALK-Luc2

Synonyms: EML4-ALK Fusion-A549 Isogenic-Luc2

Cross References: ATCC:CCL-185IG-LUC2, cancercelllines:CVCL_VR66, Wikidata:Q93311901

ID: CVCL_VR66

Hierarchy: cvcl_jk07

Record Creation Time: 20220427T215107+0000

Record Last Update: 20260809T004702+0000

Ratings and Alerts

No rating or validation information has been found for A549 EML4-ALK-Luc2.

No alerts have been found for A549 EML4-ALK-Luc2.

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 [dkNET](#) .

Rastegarpanah M, et al. (2025) Cell line engineering for enhanced measles virus production with sphingosine kinase 1 gene overexpression. Virus genes.

Rastegarpanah M, et al. (2022) Screening of candidate genes associated with high titer production of oncolytic measles virus based on systems biology approach. Virus genes, 58(4), 270.