

Resource Summary Report

Generated by [NIF](#) on Jul 29, 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: 20260726T002028+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 [NIF](#) .

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.