

Resource Summary Report

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A549-hNIS-Neo/Fluc-Puro

RRID:CVCL_QZ82

Type: Cell Line

Proper Citation

RRID:CVCL_QZ82

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_QZ82

Proper Citation: RRID:CVCL_QZ82

Description: Cell line A549-hNIS-Neo/Fluc-Puro is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Defining Citation: [PMID:30674994](#)

Comments: Characteristics: Reporter cell line, transduced with both the LV-hNIS-IRES-Neo and LV-Fluc-P2A-Puro vectors. LV-hNIS-IRES-Neo encodes for human SLC5A5 linked via an internal ribosomal entry site (IRES) to the Neo gene and under control of the spleen focus-forming virus (SFFV) promoter. LV-Fluc-P2A-Puro encodes for luciferase linked via a P2A cleavage peptide to the PuroR gene and under control of the spleen focus-forming virus (SFFV) promoter (Imanis=CL083)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: A549-hNIS-Neo/Fluc-Puro

Cross References: cancercellines:CVCL_QZ82, Imanis:CL083, Wikidata:Q54607028

ID: CVCL_QZ82

Hierarchy: cvcl_0023

Record Creation Time: 20220427T215107+0000

Record Last Update: 20260726T002029+0000

Ratings and Alerts

No rating or validation information has been found for A549-hNIS-Neo/Fluc-Puro.

No alerts have been found for A549-hNIS-Neo/Fluc-Puro.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.