

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

HeLa-R5

RRID:CVCL_JL47

Type: Cell Line

Proper Citation

RRID:CVCL_JL47

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_JL47

Proper Citation: RRID:CVCL_JL47

Description: Cell line HeLa-R5 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related endocervical adenocarcinoma

Defining Citation: [PMID:16314403](#)

Comments: Characteristics: Transfected with reverse tetracycline-controlled transactivator (rtTA), a fusion between a mutated version of E.coli TetR and the activating domain of HSV-1 VP16 (from parent cell line HeLa Tet-On)., Characteristics: Engineered to express the gp160 envelope protein (Env) from a CCR5-tropic HIV-1 isolate as well as a Tat-GFP fusion protein (PubMed=16314403)., Population: African American.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HeLa-R5

Synonyms: HeLa R5, HeLa-R5-16

Cross References: CLO:CLO_0037220, Wikidata:Q54882727

ID: CVCL_JL47

Hierarchy: cvcl_iy74

Record Creation Time: 20220427T220333+0000

Record Last Update: 20260905T180246+0000

Ratings and Alerts

No rating or validation information has been found for HeLa-R5.

No alerts have been found for HeLa-R5.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.