

Resource Summary Report

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

F1G-red

RRID:CVCL_C4MV

Type: Cell Line

Proper Citation

RRID:CVCL_C4MV

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_C4MV

Proper Citation: RRID:CVCL_C4MV

Description: Cell line F1G-red is a Spontaneously immortalized cell line with a species of origin Chlorocebus sabaeus (Green monkey)

Sex: Female

Defining Citation: [PMID:36246297](#)

Comments: Characteristics: Also transduced with a red fluorescent mCherry-NLS construct. Thus SARS-CoV-2 infection can be scored automatically in living cells by comparing the patterns of green and red fluorescence signals (PubMed=36246297)., Characteristics: Transduced with a fluorescent reporter (F1G) which is a construct that contains the substrate of the nsp5 protease (SAVLQSGF) between a NLS-eGFP and a membrane anchor. Thus GFP, upon cleavage of the nsp5 protease site by the SARS-CoV-2 main protease, re-localizes from the cytoplasm in non-infected cells to the nucleus in infected cells (PubMed=36246297)., Group: SARS-CoV-2 research cell line., Group: Non-human primate cell line.

Category: Spontaneously immortalized cell line

Organism: Chlorocebus sabaeus (Green monkey)

Name: F1G-red

Cross References: Wikidata:Q116048962

ID: CVCL_C4MV

Hierarchy: cvcl_c4mu

Record Creation Time: 20221216T070653+0000

Record Last Update: 20260905T183051+0000

Ratings and Alerts

No rating or validation information has been found for F1G-red.

No alerts have been found for F1G-red.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.