

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

U-87 MG-Luc2

RRID:CVCL_UR33

Type: Cell Line

Proper Citation

RRID:CVCL_UR33

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_UR33

Proper Citation: RRID:CVCL_UR33

Description: Cell line U-87 MG-Luc2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Glioblastoma

Comments: Characteristics: Stably expresses firefly luciferase under the control of the human EF1a promoter (ATCC=HTB-14-LUC2)., Population: Caucasian., Problematic cell line: Misidentified. Parent cell line (U-87MG ATCC) is not the original glioblastoma cell line established in 1968 at the University of Uppsala..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: U-87 MG-Luc2

Cross References: ATCC:HTB-14-LUC2, cancercellines:CVCL_UR33, Wikidata:Q98133707

ID: CVCL_UR33

Hierarchy: cvcl_0022

Record Creation Time: 20220427T221639+0000

Record Last Update: 20260913T010247+0000

Ratings and Alerts

No rating or validation information has been found for U-87 MG-Luc2.

Warning: Problematic cell line: Misidentified. Parent cell line (U-87MG ATCC) is not the original glioblastoma cell line established in 1968 at the University of Uppsala. Characteristics: Stably expresses firefly luciferase under the control of the human EF1a promoter (ATCC=HTB-14-LUC2)., Population: Caucasian., Problematic cell line: Misidentified. Parent cell line (U-87MG ATCC) is not the original glioblastoma cell line established in 1968 at the University of Uppsala..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Zhang Z, et al. (2026) B7 homolog 3-targeted CAR-T cells secreting EGFR T-cell engagers for improved control of glioblastoma progression. Molecular biomedicine, 7(1).

Chen K, et al. (2024) mLumiOpto Is a Mitochondrial-Targeted Gene Therapy for Treating Cancer. Cancer research, 84(23), 4049.

Hu HJ, et al. (2019) Blockade of the forward $\text{Na}^+/\text{Ca}^{2+}$ exchanger suppresses the growth of glioblastoma cells through Ca^{2+} -mediated cell death. British journal of pharmacology, 176(15), 2691.