

Resource Summary Report

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WI-38/hTERT/GFP-RAF-ER

RRID:CVCL_N806

Type: Cell Line

Proper Citation

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Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_N806

Proper Citation: RRID:CVCL_N806

Description: Cell line WI-38/hTERT/GFP-RAF-ER is a Telomerase immortalized cell line with a species of origin Homo sapiens (Human)

Sex: Female

Comments: Senescence: Cells can be senesced after exposure for 72 hours with 4-hydroxy-tamoxifen., Characteristics: Transduced with a construct that is composed of EGFP at the N-terminus, the catalytic domain of RAF1 (with p.Tyr340Asp and p.Tyr341Asp) in the middle and the hormone-binding domain of ESR1 at the C-terminus. Protein kinase activity is activated by estrogen or analogs such as 4-hydroxy-tamoxifen., Population: Caucasian; Swedish., Part of: ENCODE project common cell types; tier 3.

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: WI-38/hTERT/GFP-RAF-ER

Cross References: ENCODE:ENCBS070MZP, ENCODE:ENCBS157XHV, ENCODE:ENCBS601ENJ, ENCODE:ENCBS606ENC, ENCODE:ENCBS607ENC, ENCODE:ENCBS608ENC, ENCODE:ENCBS715PYA, ENCODE:ENCBS787LHJ, GEO:GSM651580, GEO:GSM651581, GEO:GSM651582, GEO:GSM651583, GEO:GSM945215, GEO:GSM945223, GEO:GSM945245, GEO:GSM945265, Wikidata:Q54994036

ID: CVCL_N806

Hierarchy: cvcl_0579

Record Creation Time: 20220427T221720+0000

Ratings and Alerts

No rating or validation information has been found for WI-38/hTERT/GFP-RAF-ER.

No alerts have been found for WI-38/hTERT/GFP-RAF-ER.

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 [RRID](#) .

Vo N, et al. (2026) Detection of nuclear STING in cultured human cells and in the normal and cancer tissues. iScience, 29(5), 115711.

Chiang M, et al. (2019) Polymer Modeling Predicts Chromosome Reorganization in Senescence. Cell reports, 28(12), 3212.