

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

PT54

RRID:CVCL_E3E0

Type: Cell Line

Proper Citation

RRID:CVCL_E3E0

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E3E0

Proper Citation: RRID:CVCL_E3E0

Description: Cell line PT54 is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Defining Citation: [PMID:10771091](#), [PMID:11330054](#)

Comments: Characteristics: Transfected with a GFP N-terminally tagged with peroxisomal PTS2 signal (PubMed=10771091)., Characteristics: Selected using the 9-(1'-pyrene)nonanol/ultraviolet (P9OH/UV) method. P9OH acts as a photosensitizer. Normal cells which can incorporate the fluorescent fatty alcohol into lipids are killed by UV, but mutants who incorporate P9OH poorly are less susceptible to photosensitized killing., Characteristics: Defective in Pex2 (PubMed=10771091).

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: PT54

ID: CVCL_E3E0

Hierarchy: cvcl_e3dw

Record Creation Time: 20240911T072032+0000

Record Last Update: 20260816T000806+0000

Ratings and Alerts

No rating or validation information has been found for PT54.

No alerts have been found for PT54.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.