

Resource Summary Report

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HCC827(gFGFR1)

RRID:CVCL_E8FJ

Type: Cell Line

Proper Citation

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Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E8FJ

Proper Citation: RRID:CVCL_E8FJ

Description: Cell line HCC827(gFGFR1) is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Lung adenocarcinoma

Defining Citation: [PMID:30562682](#)

Comments: Characteristics: FGFR1 gene expression was genetically up-regulated. First transduced with a CRISPR-based Synergistic Activation Mediator (SAM) system composed of two lentiviral vectors dCAS-VP64_Blast (EF1a-dCas9-VP64-Bsd-WPE) and MS2-P65-HSF1-Hygro (EF1a-MS2(N55K)-SV40(NLS)-RELA-HSF1-hygR-WPRE) and then a PiggyBac transposon containing three unique SAM compatible gRNAs spanning the promoter region of FGFR1 (gFGFR1) and a puroR-IRES-AsRed-CMV construct (PubMed=30562682)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCC827(gFGFR1)

Cross References: ABM:T6464

ID: CVCL_E8FJ

Hierarchy: cvcl_2063

Record Creation Time: 20250423T100342+0000

Record Last Update: 20260809T005402+0000

Ratings and Alerts

No rating or validation information has been found for HCC827(gFGFR1).

No alerts have been found for HCC827(gFGFR1).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.