

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

1.1B4

RRID:CVCL_1778

Type: Cell Line

Proper Citation

ECACC Cat# 10012801, RRID:CVCL_1778

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1778

Proper Citation: ECACC Cat# 10012801, RRID:CVCL_1778

Description: Cell line 1.1B4 is a Hybrid cell line with a species of origin Homo sapiens (Human)

Defining Citation: [PMID:21515691](#), [PMID:23985558](#), [PMID:34341375](#)

Comments: Characteristics: Insulin secreting., Problematic cell line: Misidentified/contaminated. Originally thought to be an hybrid cell line obtained by electrofusion of a primary culture of human pancreatic islets with the PANC-1 but found to contain rat DNA (ECACC=10012801; PubMed=34341375).., Group: Patented cell line.

Category: Hybrid cell line

Organism: Homo sapiens (Human)

Name: 1.1B4

Cross References: CCRID:5301HUM-KCB15017YJ, ECACC:10012801, KCB:KCB 2015017YJ, Wikidata:Q54423235

ID: CVCL_1778

Vendor: ECACC

Catalog Number: 10012801

Hierarchy: cvcl_0480

Record Creation Time: 20220427T215029+0000

Record Last Update: 20260830T001812+0000

Ratings and Alerts

No rating or validation information has been found for 1.1B4.

Warning: Problematic cell line: Misidentified/contaminated. Originally thought to be an hybrid cell line obtained by electrofusion of a primary culture of human pancreatic islets with the PANC-1 but found to contain rat DNA (ECACC).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00599.

Characteristics: Insulin secreting., Problematic cell line: Misidentified/contaminated.

Originally thought to be an hybrid cell line obtained by electrofusion of a primary culture of human pancreatic islets with the PANC-1 but found to contain rat DNA

(ECACC=10012801; PubMed=34341375)..
Group: Patented cell line. **Warning:**

Discontinued: ECACC; 10012801

Characteristics: Insulin secreting., Problematic cell line: Misidentified/contaminated.

Originally thought to be an hybrid cell line obtained by electrofusion of a primary culture of human pancreatic islets with the PANC-1 but found to contain rat DNA

(ECACC=10012801; PubMed=34341375)..
Group: Patented cell line. **Warning:**

Discontinued: ECACC; 00112811

Characteristics: Insulin secreting., Problematic cell line: Misidentified/contaminated.

Originally thought to be an hybrid cell line obtained by electrofusion of a primary culture of human pancreatic islets with the PANC-1 but found to contain rat DNA

(ECACC=10012801; PubMed=34341375)..
Group: Patented cell line.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Charoensuk C, et al. (2021) Autosomal dominant diabetes associated with a novel ZYG11A mutation resulting in cell cycle arrest in beta-cells. Molecular and cellular endocrinology, 522, 111126.