

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

GLUTag

RRID:CVCL_J406

Type: Cell Line

Proper Citation

RRID:CVCL_J406

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_J406

Proper Citation: RRID:CVCL_J406

Description: Cell line GLUTag is a Cancer cell line with a species of origin Mus musculus (Mouse)

Sex: Sex unspecified

Disease: Neuroendocrine cell carcinoma of the mouse intestinal tract

Defining Citation: [PMID:1491697](#), [PMID:29787050](#)

Comments: Characteristics: Established from fragments of a colonic tumour which were subcutaneously propagated in nude mice (PubMed=1491697).

Category: Cancer cell line

Organism: Mus musculus (Mouse)

Name: GLUTag

Cross References: Lonza:1427, Millipore:SCC652, TOKU-E:3556, Wikidata:Q54835951

ID: CVCL_J406

Record Creation Time: 20220427T215903+0000

Record Last Update: 20260802T000319+0000

Ratings and Alerts

No rating or validation information has been found for GLUTag.

No alerts have been found for GLUTag.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Rodrigues-Dos-Santos K, et al. (2025) Unique and conserved endoplasmic reticulum stress responses in neuroendocrine cells. bioRxiv : the preprint server for biology.

Miskelly MG, et al. (2025) HMGCR and rosuvastatin regulates GLP-1 secretion and expression - a translational study. The Journal of clinical endocrinology and metabolism.

Rodrigues-Dos-Santos K, et al. (2025) Unique and Conserved Endoplasmic Reticulum Stress Responses in Neuroendocrine Cells. Cells, 14(19).

Anghel SA, et al. (2022) Novel luciferase-based glucagon-like peptide 1 reporter assay reveals naturally occurring secretagogues. British journal of pharmacology, 179(19), 4738.

Harada N, et al. (2022) Identification of G protein-coupled receptor 55 (GPR55) as a target of curcumin. NPJ science of food, 6(1), 4.

Rodrigues-Dos-Santos K, et al. (2022) Small Molecule-mediated Insulin Hypersecretion Induces Transient ER Stress Response and Loss of Beta Cell Function. Endocrinology, 163(7).

Campbell JR, et al. (2020) Essential Role of Syntaxin-Binding Protein-1 in the Regulation of Glucagon-Like Peptide-1 Secretion. Endocrinology, 161(5).

Handgraaf S, et al. (2020) Let-7e-5p Regulates GLP-1 Content and Basal Release From Enteroendocrine L Cells From DIO Male Mice. Endocrinology, 161(2).

Wang D, et al. (2018) $\alpha 7$ Nicotinic Acetylcholine Receptor Regulates the Function and Viability of L Cells. Endocrinology, 159(9), 3132.