

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

mHypoE-46

RRID:CVCL_D459

Type: Cell Line

Proper Citation

RRID:CVCL_D459

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D459

Proper Citation: RRID:CVCL_D459

Description: Cell line mHypoE-46 is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: [PMID:32575098](#), [PMID:32960947](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: mHypoE-46

Synonyms: mHypoE-N46, N46

Cross References: Wikidata:Q54905669

ID: CVCL_D459

Record Creation Time: 20220427T220808+0000

Record Last Update: 20260829T234628+0000

Ratings and Alerts

No rating or validation information has been found for mHypoE-46.

No alerts have been found for mHypoE-46.

Data and Source Information

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Tsang AH, et al. (2026) Cav3.1 is a neuronal leucine sensor that mediates satiety and weight loss in response to dietary protein. *Cell metabolism*, 38(5), 876.

Pastorino M, et al. (2025) The endocrine disruptor chlorpyrifos alters hypothalamic Npy and Agrp expression via ER α -dependent regulation in vitro and in vivo. *Frontiers in endocrinology*, 16, 1726498.

He W, et al. (2024) RNA-Binding Protein Motifs Predict microRNA Secretion and Cellular Retention in Hypothalamic and Other Cell Types. *Biomedicines*, 12(4).

He W, et al. (2022) Oleate restores altered autophagic flux to rescue palmitate lipotoxicity in hypothalamic neurons. *Molecular and cellular endocrinology*, 557, 111753.

Chalmers JA, et al. (2022) Hypothalamic miR-1983 Targets Insulin Receptor α and the Insulin-mediated miR-1983 Increase Is Blocked by Metformin. *Endocrinology*, 163(1).

Tran A, et al. (2021) Palmitate-mediated induction of neuropeptide Y expression occurs through intracellular metabolites and not direct exposure to proinflammatory cytokines. *Journal of neurochemistry*, 159(3), 574.

Loganathan N, et al. (2020) BPA Differentially Regulates NPY Expression in Hypothalamic Neurons Through a Mechanism Involving Oxidative Stress. *Endocrinology*, 161(11).