

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

G4 [Mouse ESC]

RRID:CVCL_E222

Type: Cell Line

Proper Citation

RRID:CVCL_E222

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E222

Proper Citation: RRID:CVCL_E222

Description: Cell line G4 [Mouse ESC] is a Embryonic stem cell with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: [PMID:17360545](#)

Category: Embryonic stem cell

Organism: Mus musculus (Mouse)

Name: G4 [Mouse ESC]

Synonyms: G4 ES

Cross References: MMRRC:MMRRC:011986-UCD, Wikidata:Q54835397

ID: CVCL_E222

Record Creation Time: 20220427T215857+0000

Record Last Update: 20260913T003124+0000

Ratings and Alerts

No rating or validation information has been found for G4 [Mouse ESC].

No alerts have been found for G4 [Mouse ESC].

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Eaker AR, et al. (2026) Astrocyte-Derived PTPRZ1 Regulates Excitatory Synapse Density in the Mouse Cortex. eNeuro, 13(4).

Chandra R, et al. (2023) Gut mucosal cells transfer α -synuclein to the vagus nerve. bioRxiv : the preprint server for biology.

Chandra R, et al. (2023) Gut mucosal cells transfer α -synuclein to the vagus nerve. JCI insight, 8(23).

Neuschulz A, et al. (2023) A single-cell RNA labeling strategy for measuring stress response upon tissue dissociation. Molecular systems biology, 19(2), e11147.

Gray LT, et al. (2017) Layer-specific chromatin accessibility landscapes reveal regulatory networks in adult mouse visual cortex. eLife, 6.