

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

G1E-ER4

RRID:CVCL_D047

Type: Cell Line

Proper Citation

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Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D047

Proper Citation: RRID:CVCL_D047

Description: Cell line G1E-ER4 is a Embryonic stem cell with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: [PMID:12832487](#), [PMID:25729644](#)

Comments: Characteristics: Transfected with a GATA-1-ER construct (Gata1 fused to the ligand-binding domains of ESR1)., Part of: ENCODE project mouse cell lines.

Category: Embryonic stem cell

Organism: Mus musculus (Mouse)

Name: G1E-ER4

Cross References: EFO:EFO_0002055, ENCODE:ENCBS031ZRK, ENCODE:ENCBS158MXR, ENCODE:ENCBS214CAT, ENCODE:ENCBS325ENC, ENCODE:ENCBS326ENC, ENCODE:ENCBS327ENC, ENCODE:ENCBS328ENC, ENCODE:ENCBS329ENC, ENCODE:ENCBS330ENC, ENCODE:ENCBS529DMU, ENCODE:ENCBS840HQL, ENCODE:ENCBS870UYF, GEO:GSE128162, Wikidata:Q54835376

ID: CVCL_D047

Hierarchy: cvcl_d046

Record Creation Time: 20220427T215856+0000

Record Last Update: 20260920T002628+0000

Ratings and Alerts

No rating or validation information has been found for G1E-ER4.

No alerts have been found for G1E-ER4.

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 [NIF](#) .

McIver SC, et al. (2016) Exosome complex orchestrates developmental signaling to balance proliferation and differentiation during erythropoiesis. eLife, 5.