

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

G1E

RRID:CVCL_D046

Type: Cell Line

Proper Citation

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Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_D046

Proper Citation: RRID:CVCL_D046

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

Sex: Male

Defining Citation: [PMID:9032291](#), [PMID:10381501](#), [PMID:12832487](#), [PMID:25729644](#)

Comments: Characteristics: EPO and KITLG dependent., Characteristics: Proliferates continuously in culture as immature erythroblasts and undergo terminal maturation when Gata1 function is restored., Part of: ENCODE project mouse cell lines.

Category: Embryonic stem cell

Organism: Mus musculus (Mouse)

Name: G1E

Synonyms: GATA-1(-) Erythroid

Cross References: EFO:EFO_0002034, ENCODE:ENCBS159ZTO, ENCODE:ENCBS324ENC, ENCODE:ENCBS431QXW, ENCODE:ENCBS503ARZ, ENCODE:ENCBS566SQH, ENCODE:ENCBS602TAQ, ENCODE:ENCBS807UWB, Wikidata:Q54835375

ID: CVCL_D046

Hierarchy: cvcl_wi94

Record Creation Time: 20220427T215856+0000

Record Last Update: 20260913T003123+0000

Ratings and Alerts

No rating or validation information has been found for G1E.

No alerts have been found for G1E.

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.