

# Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

## G1E

RRID:CVCL\_D046

Type: Cell Line

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### Proper Citation

RRID:CVCL\_D046

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_D046](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:** 20260815T232830+0000

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## Ratings and Alerts

No rating or validation information has been found for G1E.

No alerts have been found for G1E.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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