

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

W4 [Mouse ESC]

RRID:CVCL_Y634

Type: Cell Line

Proper Citation

RRID:CVCL_Y634

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Y634

Proper Citation: RRID:CVCL_Y634

Description: Cell line W4 [Mouse ESC] is a Embryonic stem cell with a species of origin *Mus musculus* (Mouse)

Sex: Male

Defining Citation: [PMID:11084865](#), [PMID:25277546](#)

Category: Embryonic stem cell

Organism: *Mus musculus* (Mouse)

Name: W4 [Mouse ESC]

Synonyms: W4/129S6

Cross References: Wikidata:Q54993471

ID: CVCL_Y634

Record Creation Time: 20220427T221711+0000

Record Last Update: 20260830T000300+0000

Ratings and Alerts

No rating or validation information has been found for W4 [Mouse ESC].

No alerts have been found for W4 [Mouse ESC].

Data and Source Information

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Liang X, et al. (2022) E-cadherin mediates apical membrane initiation site localisation during de novo polarisation of epithelial cavities. The EMBO journal, 41(24), e111021.

Tichy ED, et al. (2021) Persistent NF- κ B activation in muscle stem cells induces proliferation-independent telomere shortening. Cell reports, 35(6), 109098.

Junyent S, et al. (2021) Wnt- and glutamate-receptors orchestrate stem cell dynamics and asymmetric cell division. eLife, 10.

Junyent S, et al. (2021) Assessing the Wnt-reactivity of cytonemes of mouse embryonic stem cells using a bioengineering approach. STAR protocols, 2(3), 100813.

Hansen KB, et al. (2020) PTPRG is an ischemia risk locus essential for HCO₃⁻-dependent regulation of endothelial function and tissue perfusion. eLife, 9.