

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

ES Parental cell line E14Tg2a.4

RRID:MMRRC_015890-UCD

Type: Organism

Proper Citation

RRID:MMRRC_015890-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=15890

Proper Citation: RRID:MMRRC_015890-UCD

Description: Mus musculus with name ES Parental cell line E14Tg2a.4 from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: other ; Collection: BayGenomics

Catalog Number: 015890-UCD

Background: other

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12520002](#), [PMID:3821905](#)

Alternate IDs: MMRRC_15890-UCD, MMRRC_015890, MMRRC_1589

Organism Name: ES Parental cell line E14Tg2a.4

Record Creation Time: 20230308T054938+0000

Record Last Update: 20260829T122308+0000

Ratings and Alerts

No rating or validation information has been found for ES Parental cell line E14Tg2a.4.

No alerts have been found for ES Parental cell line E14Tg2a.4.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Bogdanovi? JV, et al. (2026) Large RNA polymerase II condensates are promoter-centric assemblies associated with early stages of transcription at all expressed genes. bioRxiv : the preprint server for biology.

Ragusa D, et al. (2025) Dissecting infant leukemia developmental origins with a hemogenic gastruloid model. eLife, 14.

Takei Y, et al. (2025) Spatial multi-omics reveals cell-type-specific nuclear compartments. Nature, 641(8064), 1037.

Takei Y, et al. (2023) High-resolution spatial multi-omics reveals cell-type specific nuclear compartments. bioRxiv : the preprint server for biology.

Dar MS, et al. (2023) Dnmt3bas coordinates transcriptional induction and alternative exon inclusion to promote catalytically active Dnmt3b expression. Cell reports, 42(6), 112587.

Völkner M, et al. (2023) Modeling inducible neuropathologies of the retina with differential phenotypes in organoids. Frontiers in cellular neuroscience, 17, 1106287.

Hashmi A, et al. (2022) Cell-state transitions and collective cell movement generate an endoderm-like region in gastruloids. eLife, 11.

Lynch CJ, et al. (2020) Global hyperactivation of enhancers stabilizes human and mouse naive pluripotency through inhibition of CDK8/19 Mediator kinases. Nature cell biology, 22(10), 1223.

Deschepper CF, et al. (2020) Regulatory effects of the Uty/Ddx3y locus on neighboring chromosome Y genes and autosomal mRNA transcripts in adult mouse non-reproductive cells. Scientific reports, 10(1), 14900.

AlAbdi L, et al. (2020) Oct4-Mediated Inhibition of Lsd1 Activity Promotes the Active and Primed State of Pluripotency Enhancers. Cell reports, 30(5), 1478.

Kamenova I, et al. (2019) Co-translational assembly of mammalian nuclear multisubunit complexes. Nature communications, 10(1), 1740.

Nakaya T, et al. (2018) Amyotrophic Lateral Sclerosis associated FUS mutation shortens mitochondria and induces neurotoxicity. Scientific reports, 8(1), 15575.

Perestrelo T, et al. (2017) Pluri-IQ: Quantification of Embryonic Stem Cell Pluripotency through an Image-Based Analysis Software. *Stem cell reports*, 9(2), 697.

Martin-Malpartida P, et al. (2017) Structural basis for genome wide recognition of 5-bp GC motifs by SMAD transcription factors. *Nature communications*, 8(1), 2070.

Connell M, et al. (2017) HMMR acts in the PLK1-dependent spindle positioning pathway and supports neural development. *eLife*, 6.

Busada JT, et al. (2016) Rhox13 is required for a quantitatively normal first wave of spermatogenesis in mice. *Reproduction (Cambridge, England)*, 152(5), 379.

Carmell MA, et al. (2016) A widely employed germ cell marker is an ancient disordered protein with reproductive functions in diverse eukaryotes. *eLife*, 5.

Amouroux R, et al. (2016) De novo DNA methylation drives 5hmC accumulation in mouse zygotes. *Nature cell biology*, 18(2), 225.

Rostami MR, et al. (2015) Inverse problem analysis of pluripotent stem cell aggregation dynamics in stirred-suspension cultures. *Journal of biotechnology*, 208, 70.

Friend K, et al. (2015) Embryonic Stem Cell Growth Factors Regulate eIF2 γ Phosphorylation. *PLoS one*, 10(9), e0139076.