

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

ESI-017

RRID:CVCL_B854

Type: Cell Line

Proper Citation

RRID:CVCL_B854

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_B854

Proper Citation: RRID:CVCL_B854

Description: Cell line ESI-017 is a Embryonic stem cell with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:18371388](#), [PMID:20177998](#), [PMID:22265736](#), [PMID:27109637](#), [PMID:28445466](#)

Comments: Donor information: Embryo is sibling to that giving rise to ESI-014 (Cellosaurus=CVCL_B853)., From: ESI BIO - BioTime, Inc. (ES Cell International); Alameda; USA., Group: Clinical grade pluripotent cell line.

Category: Embryonic stem cell

Organism: Homo sapiens (Human)

Name: ESI-017

Synonyms: ESI017, SSCCe003-A

Cross References: hPSCreg:SSCCe003-A, NIHhESC:NIHhESC-11-0093, SKIP:SKIP002087, Wikidata:Q54832755

ID: CVCL_B854

Record Creation Time: 20220427T215838+0000

Record Last Update: 20260920T002544+0000

Ratings and Alerts

No rating or validation information has been found for ESI-017.

No alerts have been found for ESI-017.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhu Y, et al. (2026) Dependence of cell fate potential and cadherin switching on the coordinate within the primitive streak during differentiation of human pluripotent stem cells. *Development (Cambridge, England)*, 153(7).

Zhu Y, et al. (2025) Dependence of cell fate potential and cadherin switching on primitive streak coordinate during differentiation of human pluripotent stem cells. *bioRxiv : the preprint server for biology*.

Camacho-Aguilar E, et al. (2024) Combinatorial interpretation of BMP and WNT controls the decision between primitive streak and extraembryonic fates. *Cell systems*, 15(5), 445.

Zhu Y, et al. (2021) Rapid fabrication of hydrogel micropatterns by projection stereolithography for studying self-organized developmental patterning. *PloS one*, 16(6), e0245634.

Chhabra S, et al. (2019) Dissecting the dynamics of signaling events in the BMP, WNT, and NODAL cascade during self-organized fate patterning in human gastruloids. *PLoS biology*, 17(10), e3000498.

Almenar-Queralt A, et al. (2019) Chromatin establishes an immature version of neuronal protocadherin selection during the naive-to-primed conversion of pluripotent stem cells. *Nature genetics*, 51(12), 1691.