Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

ELDA

RRID:SCR_018933
Type: Tool

Proper Citation

ELDA (RRID:SCR_018933)

Resource Information

URL: http://bioinf.wehi.edu.au/software/elda/

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Description: Software tool for limiting dilution analysis, with particular attention to needs of stem cell assays. Provides confidence intervals for all LDA data sets, including those with 0% or 100% responses. Other features include test of adequacy of single hit hypothesis, tests for frequency differences between multiple data sets, and ability to take advantage of cases where number of cells in sample is counted exactly.

Synonyms: Extreme Limiting Dilution Analysis

Resource Type: analysis service resource, data analysis software, data processing software, production service resource, service resource, software application, software resource

Defining Citation: PMID:19567251

Keywords: Limiting dilution analysis, stem cell assay, data set confidence intervals, single hit hypothesis, adequacy test, frequency differences test

Availability: Free, Freely available

Resource Name: ELDA

Resource ID: SCR_018933

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260905T132844+0000

Ratings and Alerts

No rating or validation information has been found for ELDA.

No alerts have been found for ELDA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 463 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Lettera E, et al. (2026) Molecular and phenotypic blueprint of human hematopoiesis links proliferation stress to stem cell aging. The Journal of experimental medicine, 223(2).

Rechberger JS, et al. (2026) Radiotherapy plus neoadjuvant and concomitant IL-13R?2-directed immunotoxin therapy for diffuse intrinsic pontine glioma. Communications biology, 9(1), 78.

Qian Y, et al. (2026) BEX2 influences the MCL1-Hedgehog signaling axis to regulate the potential of stemness characterization in colorectal cancer. Cancer biology & medicine, 23(2), 276.

Dong M, et al. (2026) Targeting aberrant DNA methylation across subtypes of pediatric high-grade glioma inhibits tumor growth and RUNX3 represents a targetable methylated tumor suppressor. Cell communication and signaling : CCS, 24(1).

Zhang W, et al. (2026) SULT1E1 suppresses hepatocellular carcinoma progression via activation of the TGF-?/SMAD signaling pathway and cell cycle arrest. BMC gastroenterology, 26(1).

Zhang Z, et al. (2026) KIF20A inhibits TRIM21-dependent ubiquitination of DHX9 to boost SOX2 stability, enhancing OSCC stemness and ferroptosis resistance. Cell death & disease, 17(1), 218.

Brown ML, et al. (2026) Upregulation of the lncRNA MEG3 in Metastatic Hepatoblastoma. Cells, 15(4).

Boutin J, et al. (2026) Single-cell multiplex approaches deeply map ON-target CRISPR-genotoxicity and reveal its mitigation by palbociclib and long-term engraftment. Nature communications, 17(1), 1429.

Wang Y, et al. (2026) A human patient-derived organoid biobank to model tumor heterogeneity and therapeutic vulnerability for oral squamous cell carcinoma. Cell reports. Medicine, 7(2), 102622.

Shi LL, et al. (2026) NIBAN2/FLII/RREB1 Axis Drives Glioma Stem Cell Malignancy via TLR3 Pathway Activation. Advanced science (Weinheim, Baden-Wurttemberg, Germany),

13(26), e19382.

Gorainow N, et al. (2026) Berzosertib enhances the sensitivity of pediatric diffuse midline glioma H3K27-altered cells to radiotherapy. Cell death & disease, 17(1).

Kariya Y, et al. (2026) Gemcitabine-induced ?4 integrin drives cancer progression and gemcitabine resistance in pancreatic cancer. Journal of experimental & clinical cancer research : CR, 45(1).

Singh G, et al. (2026) miR-181d coordinates homologous recombination and anti-tumor immune responses in glioblastoma. iScience, 29(3), 115077.

Molaei F, et al. (2026) Epigenetic maintenance of the injury response state in glioblastoma stem cells. Neuro-oncology advances, 8(1), vdag002.

Xiong K, et al. (2026) KRT15 identified by scRNA-Seq and machine learning as stemness regulator and prognostic biomarker in ESCC. iScience, 29(4), 115020.

Chen K, et al. (2026) Liquid?liquid phase separation of PHLDB2 promotes oral squamous cell carcinoma metastasis through regulating epithelial mesenchymal transition and PIK3CA expression. Molecular medicine reports, 33(1).

Su J, et al. (2026) TAF1 acetyltransferase promotes colorectal carcinoma metastasis by catalyzing ?-hydroxybutyrylation of KCTD9. Oncogene, 45(1), 87.

Li W, et al. (2026) Efferocytosis-Driven Polyamine Metabolism in Macrophages Enhances Cancer Stem Cell Enrichment after Chemotherapy in Ovarian Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(8), e12508.

Guo M, et al. (2026) USP10 promotes glioma stem cell maintenance and glioblastoma growth by antagonizing DTX3L-mediated SATB2 ubiquitination. Nature communications, 17(1), 164.

Niu R, et al. (2026) Targeting MGAT4A-Mediated N-Glycosylation as a Therapeutic Strategy to Inhibit Glioblastoma Stem Cell Invasion. Exploration (Beijing, China), 6(1), 20250153.