

Resource Summary Report

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StepOne Software

RRID:SCR_014281

Type: Tool

Proper Citation

StepOne Software (RRID:SCR_014281)

Resource Information

URL: http://downloads.thermofisher.com/Instrument_Software/qPCR/Step-1/SOP23_Release%20Notes_4482516.pdf

Proper Citation: StepOne Software (RRID:SCR_014281)

Description: A software program for the Applied Biosystems StepOne and StepOnePlus Real-Time PCR Systems. StepOne software allows the user to open and analyze experiments generated from either the StepOne or the StepOnePlus system. Users can set up experiments, send experiments to the instrument, control the instrument settings, and collect and analyze data.

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

Keywords: applied biosystems step one, pcr, data analysis software, instrument management software, experimental control

Availability: Pay for product

Resource Name: StepOne Software

Resource ID: SCR_014281

Alternate URLs: <https://www.thermofisher.com/us/en/home/technical-resources/software-downloads/StepOne-and-StepOnePlus-Real-Time-PCR-System.html>

License: <https://tools.thermofisher.com/downloads/end-user-license-so-sop-software.pdf>

License URLs: <https://www.thermofisher.com/us/en/home/global/terms-and-conditions.html>

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Ratings and Alerts

No rating or validation information has been found for StepOne Software.

No alerts have been found for StepOne Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 269 mentions in open access literature.

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

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. Cell reports methods, 6(6), 101425.

Devapatla P, et al. (2026) Multi-Target Effects of Novel Synthetic Indanedione-Based Spirotransdicalinol Compound 4I in Autosomal Dominant Polycystic Kidney Disease. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(1), e71409.

Kelly B, et al. (2026) Sulfur partitioning from cysteine controls T cell proliferation and effector function. Cell, 189(12), 3669.

Wang Y, et al. (2026) GUTK induces apoptosis in reactivating quiescent prostate cancer cells via Aurora A-mediated stabilization of SOD2. iScience, 29(5), 115739.

Abdi K, et al. (2026) miR-132 overexpression is associated with modulation in miR-21 expression and glioblastoma cell behavior. PloS one, 21(7), e0352119.

Lim TKY, et al. (2025) Cap-independent co-expression of dsRNA-sensing and NF- κ B pathway inhibitors enables controllable self-amplifying RNA expression with reduced immunotoxicity. eLife, 14.

Kyriacou C, et al. (2025) Maternal plasma microRNAs as potential biomarkers for triaging pregnancies of unknown location and ectopic pregnancy diagnosis. Non-coding RNA research, 13, 162.

Emmanuel T, et al. (2025) Early Neutrophil Activation in Psoriatic Skin at Relapse Following Dead Sea Climatotherapy. Experimental dermatology, 34(4), e70094.

Pournajaf S, et al. (2025) Fingolimod Inhibits C6 Rat Glioma Proliferation and Migration, Induces Sub-G1 Cell Cycle Arrest, Mitochondrial and Extrinsic Apoptosis In Vitro and Reduces Tumour Growth In Vivo. Clinical and experimental pharmacology & physiology, 52(1), e70012.

- Gao Y, et al. (2025) Multimodal analyses reveal genes driving electrophysiological maturation of neurons in the primate prefrontal cortex. *Neuron*, 113(15), 2490.
- Ohno M, et al. (2025) Functional role of dentate gyrus calbindin-D28K in supporting neurogenesis and emotional-social behavior relevant to antidepressant action. *Pharmacology, biochemistry, and behavior*, 255, 174076.
- Kasakura N, et al. (2025) Role of endogenous NT-3 in neuronal activity and neurogenesis in the hippocampal dentate gyrus. *Neuroscience research*, 218, 104923.
- Eckenwiler EA, et al. (2025) Corticotropin-Releasing Factor Release From a Unique Subpopulation of Accumbal Neurons Constrains Action-Outcome Acquisition in Reward Learning. *Biological psychiatry*, 97(6), 637.
- Neuwirth T, et al. (2025) The polyamine-regulating enzyme SSAT1 impairs tissue regulatory T cell function in chronic cutaneous inflammation. *Immunity*, 58(3), 632.
- Afsordeh N, et al. (2024) Eslicarbazepine induces apoptosis and cell cycle arrest in C6 glioma cells in vitro and suppresses tumor growth in an intracranial rat model. *BMC cancer*, 24(1), 1099.
- Schneider C, et al. (2024) A Novel AMPK Inhibitor Sensitizes Pancreatic Cancer Cells to Ferroptosis Induction. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(31), e2307695.
- Bayat H, et al. (2024) CRISPR/Cas9-mediated deletion of a GA-repeat in human GPM6B leads to disruption of neural cell differentiation from NT2 cells. *Scientific reports*, 14(1), 2136.
- Hashemabadi M, et al. (2024) Intelligent guide RNA: dual toehold switches for modulating luciferase in the presence of trigger RNA. *Communications biology*, 7(1), 1344.
- Kosuge A, et al. (2024) Chronic social defeat stress induces the down-regulation of the Nedd4L-GLT-1 ubiquitination pathway in the prefrontal cortex of mice. *Journal of neurochemistry*.
- Park JH, et al. (2023) Polypropylene microplastics promote metastatic features in human breast cancer. *Scientific reports*, 13(1), 6252.