

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 resource, software application

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

Funding:

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 255 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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.

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*.

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.

Park JH, et al. (2023) Polypropylene microplastics promote metastatic features in human breast cancer. *Scientific reports*, 13(1), 6252.

Cho E, et al. (2023) 14-3-3? haploinsufficiency leads to altered dopamine pathway and Parkinson's disease-like motor incoordination in mice. *Molecular brain*, 16(1), 2.

Gola L, et al. (2023) NOX4-derived ROS are neuroprotective by balancing intracellular calcium stores. *Cellular and molecular life sciences : CMLS*, 80(5), 127.

Allard D, et al. (2023) The CD73 immune checkpoint promotes tumor cell metabolic fitness. *eLife*, 12.

Wu T, et al. (2023) MKL1 fuels ROS-induced proliferation of vascular smooth muscle cells by modulating FOXM1 transcription. *Redox biology*, 59, 102586.

Najnin RA, et al. (2023) ATM suppresses c-Myc overexpression in the mammary epithelium in response to estrogen. *Cell reports*, 42(1), 111909.

Hsieh MJ, et al. (2023) FAM13A polymorphisms are associated with a specific susceptibility to clinical progression of oral cancer in alcohol drinkers. *BMC cancer*, 23(1), 607.

Kurolap A, et al. (2023) CD55-deficiency in Jews of Bukharan descent is caused by the Cromer blood type Dr(a-) variant. *Human genetics*, 142(5), 683.

Acosta K, et al. (2023) Optimization of Molecular Methods for Detecting Duckweed-Associated Bacteria. *Plants (Basel, Switzerland)*, 12(4).

Ince LM, et al. (2023) Influence of circadian clocks on adaptive immunity and vaccination responses. *Nature communications*, 14(1), 476.

Korn L, et al. (2023) MAPT genotype-dependent mitochondrial aberration and ROS production trigger dysfunction and death in cortical neurons of patients with hereditary FTL. *Redox biology*, 59, 102597.

Kim N, et al. (2023) Serum microRNA as a potential biomarker for the activity of thyroid eye disease. *Scientific reports*, 13(1), 234.

Al-Rawashde FA, et al. (2023) Thymoquinone Enhances Apoptosis of K562 Chronic Myeloid Leukemia Cells through Hypomethylation of SHP-1 and Inhibition of JAK/STAT Signaling Pathway. *Pharmaceuticals (Basel, Switzerland)*, 16(6).

Johannessen JA, et al. (2023) The human leukemic oncogene MLL-AF4 promotes hyperplastic growth of hematopoietic tissues in *Drosophila* larvae. *iScience*, 26(10), 107726.

Vogt C, et al. (2023) Oxytocinergic modulation of speech production-a double-blind placebo-controlled fMRI study. *Social cognitive and affective neuroscience*, 18(1).