

Resource Summary Report

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PerlPrimer

RRID:SCR_012038

Type: Tool

Proper Citation

PerlPrimer (RRID:SCR_012038)

Resource Information

URL: <http://perlprimer.sourceforge.net/>

Proper Citation: PerlPrimer (RRID:SCR_012038)

Description: A free, open-source GUI software application written in Perl that designs primers for standard PCR, bisulphite PCR, real-time PCR (QPCR) and sequencing.

Synonyms: PerlPrimer - open-source PCR primer design

Resource Type: software resource, software application

Defining Citation: [PMID:15073005](#), [DOI:10.1093/bioinformatics/bth254](#)

Availability: Open unspecified license

Resource Name: PerlPrimer

Resource ID: SCR_012038

Alternate IDs: OMICS_02354

Alternate URLs: <https://sources.debian.org/src/perlprimer/>

Ratings and Alerts

No rating or validation information has been found for PerlPrimer.

No alerts have been found for PerlPrimer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 218 mentions in open access literature.

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

Kaur H, et al. (2024) Genome-wide identification and characterization of flowering genes in *Citrus sinensis* (L.) Osbeck: a comparison among *C. Medica* L., *C. Reticulata* Blanco, *C. Grandis* (L.) Osbeck and *C. Clementina*. *BMC genomic data*, 25(1), 20.

Khosronezhad N, et al. (2023) Comparative Epigenetic Analysis of Imprinting Genes Involved in Fertility, in Cryopreserved Human Sperms with Rapid Freezing versus Vitrification Methods. *Cell journal*, 25(4), 238.

Ghorbanzadeh Z, et al. (2023) Comparative metabolomics of root-tips reveals distinct metabolic pathways conferring drought tolerance in contrasting genotypes of rice. *BMC genomics*, 24(1), 152.

Yan Z, et al. (2023) A serpin gene from a parasitoid wasp disrupts host immunity and exhibits adaptive alternative splicing. *PLoS pathogens*, 19(9), e1011649.

Spanjersberg TCF, et al. (2023) Locational memory of macrovessel vascular cells is transcriptionally imprinted. *Scientific reports*, 13(1), 13028.

Tokamani M, et al. (2023) A Multiplex PCR Melting-Curve-Analysis-Based Detection Method for the Discrimination of Five *Aspergillus* Species. *Journal of fungi* (Basel, Switzerland), 9(8).

Tomah AA, et al. (2023) Potential of *Trichoderma virens* HZA14 in Controlling *Verticillium* Wilt Disease of Eggplant and Analysis of Its Genes Responsible for Microsclerotial Degradation. *Plants* (Basel, Switzerland), 12(21).

Janda M, et al. (2023) Biophysical and proteomic analyses of *Pseudomonas syringae* pv. tomato DC3000 extracellular vesicles suggest adaptive functions during plant infection. *mBio*, 14(4), e0358922.

Berriozabalgoitia A, et al. (2023) Normal-Fat vs. High-Fat Diets and Olive Oil vs. CLA-Rich Dairy Fat: A Comparative Study of Their Effects on Atherosclerosis in Male Golden Syrian Hamsters. *Metabolites*, 13(7).

Guo F, et al. (2023) Integrated metabolome and transcriptome analyses of anthocyanin biosynthesis reveal key candidate genes involved in colour variation of *Scutellaria baicalensis* flowers. *BMC plant biology*, 23(1), 643.

Pourazadi L, et al. (2022) Modulatory effects of pioglitazone as a ligand for the peroxisome

proliferator-activated receptor on semen quality and fertility potential of broiler breeder roosters. *Poultry science*, 101(5), 101795.

Modesto I, et al. (2022) MicroRNA-mediated post-transcriptional regulation of *Pinus pinaster* response and resistance to pinewood nematode. *Scientific reports*, 12(1), 5160.

Weeraratne G, et al. (2022) APYRASE1/2 mediate red light-induced de-etiolation growth in *Arabidopsis* seedlings. *Plant physiology*, 189(3), 1728.

Besler M, et al. (2022) The role of pericytes on the efficacy of bevacizumab in colorectal cancer. *Turkish journal of medical sciences*, 52(5), 1543.

Mohammadi Z, et al. (2022) The Impact of Chrysin on The Folliculogenesis and Ovarian Apoptosis in Ischemia-Reperfusion Injury in The Rat Model. *International journal of fertility & sterility*, 16(4), 299.

Mirzadeh Azad F, et al. (2022) Differential Expression Pattern of linc-ROR Spliced Variants in Pluripotent and Non-Pluripotent Cell Lines. *Cell journal*, 24(10), 569.

Cheraghi O, et al. (2022) The effect of Nrf2 deletion on the proteomic signature in a human colorectal cancer cell line. *BMC cancer*, 22(1), 979.

America M, et al. (2022) An integrated model for Gpr124 function in Wnt7a/b signaling among vertebrates. *Cell reports*, 39(9), 110902.

Xiong J, et al. (2022) Comparative transcriptomic analysis reveals the molecular mechanism underlying seedling biomass heterosis in *Brassica napus*. *BMC plant biology*, 22(1), 283.

Malakootian M, et al. (2022) Whole-exome sequencing reveals a rare missense variant in DTNA in an Iranian pedigree with early-onset atrial fibrillation. *BMC cardiovascular disorders*, 22(1), 37.