

Resource Summary Report

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FastPCR

RRID:SCR_003155

Type: Tool

Proper Citation

FastPCR (RRID:SCR_003155)

Resource Information

URL: <http://primerdigital.com/fastpcr.html>

Proper Citation: FastPCR (RRID:SCR_003155)

Description: Software tool for PCR primers or probe design, in silico PCR, oligonucleotide assembly and analyses, alignment and repeat searching.

Abbreviations: FastPCR

Resource Type: commercial organization, software resource

Defining Citation: [PMID:24395370](#)

Keywords: probe design, probe, windows, pcr primer

Availability: Free, Available for download, Freely available

Resource Name: FastPCR

Resource ID: SCR_003155

Alternate IDs: OMICS_02336

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260912T200313+0000

Ratings and Alerts

No rating or validation information has been found for FastPCR.

No alerts have been found for FastPCR.

Data and Source Information

Usage and Citation Metrics

We found 93 mentions in open access literature.

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

Demirel HH, et al. (2025) Taurine Mitigates Metaflumizone-Induced Hepatonephrotoxicity in Rats by Inhibiting Oxidative Stress, Inflammation, and Apoptosis. *Journal of biochemical and molecular toxicology*, 39(6), e70335.

Kang SK, et al. (2025) Development of a Multiplex Conventional PCR Assay for Concurrent Detection of FAdV-4, FAdV-8b, and FAdV-11. *Veterinary sciences*, 12(2).

Saleh AA, et al. (2024) IGF-I and GH Genes polymorphism and their association with milk yields, composition and reproductive performance in Holstein-Friesian dairy cattle. *BMC veterinary research*, 20(1), 341.

Kalendar R, et al. (2023) Universal whole-genome Oxford nanopore sequencing of SARS-CoV-2 using tiled amplicons. *Scientific reports*, 13(1), 10334.

Duraiswamy S, et al. (2023) A multiplex Taqman PCR assay for MRSA detection from whole blood. *PloS one*, 18(11), e0294782.

Wu P, et al. (2023) Costimulatory molecule expression profile as a biomarker to predict prognosis and chemotherapy response for patients with small cell lung cancer. *Cancer immunology, immunotherapy : CII*, 72(3), 617.

Li X, et al. (2023) Evolution of piggyBac Transposons in Apoidea. *Insects*, 14(4).

Kumar A, et al. (2023) Generation of Asynaptic Mutants in Potato by Disrupting StDMC1 Gene Using RNA Interference Approach. *Life (Basel, Switzerland)*, 13(1).

Pyziel AM, et al. (2023) Distribution of large lungworms (Nematoda: Dictyocaulidae) in free-roaming populations of red deer *Cervus elaphus* (L.) with the description of *Dictyocaulus skrabini* n. sp. *Parasitology*, 150(10), 956.

Maulana H, et al. (2023) Bioinformatics study of phytase from *Aspergillus niger* for use as feed additive in livestock feed. *Journal, genetic engineering & biotechnology*, 21(1), 142.

Lv FH, et al. (2022) Whole-Genome Resequencing of Worldwide Wild and Domestic Sheep Elucidates Genetic Diversity, Introgression, and Agronomically Important Loci. *Molecular biology and evolution*, 39(2).

Iordache D, et al. (2022) Correlation between CRISPR Loci Diversity in Three Enterobacterial Taxa. *International journal of molecular sciences*, 23(21).

Bridson CL, et al. (2022) The combined impact of low temperatures and shifting phosphorus availability on the competitive ability of cyanobacteria. *Scientific reports*, 12(1), 16409.

Acin-Albiac M, et al. (2022) How water-soluble saccharides drive the metabolism of lactic acid bacteria during fermentation of brewers' spent grain. *Microbial biotechnology*, 15(3), 915.

Kanayev D, et al. (2022) Detection of Recombinant Proteins SOX2 and OCT4 Interacting in HEK293T Cells Using Real-Time Quantitative PCR. *Life (Basel, Switzerland)*, 13(1).

Mackiewicz P, et al. (2022) Phylogeny and evolution of the genus *Cervus* (Cervidae, Mammalia) as revealed by complete mitochondrial genomes. *Scientific reports*, 12(1), 16381.

Akichev Z, et al. (2022) Obtaining of Recombinant Camel Chymosin and Testing Its Milk-Clotting Activity on Cow's, Goat's, Ewes', Camel's and Mare's Milk. *Biology*, 11(11).

Jakkul W, et al. (2021) Newly developed SYBR Green-based quantitative real-time PCRs revealed coinfection evidence of *Angiostrongylus cantonensis* and *A. malaysiensis* in *Achatina fulica* existing in Bangkok Metropolitan, Thailand. *Food and waterborne parasitology*, 23, e00119.

Priti , et al. (2021) A rapid field-based assay using recombinase polymerase amplification for identification of *Thrips palmi*, a vector of tospoviruses. *Journal of pest science*, 94(2), 219.

Lopez-Rincon A, et al. (2021) Classification and specific primer design for accurate detection of SARS-CoV-2 using deep learning. *Scientific reports*, 11(1), 947.