

# 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:** 20260820T054417+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 [ASWG](#) .

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 skrjabini* 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).

Briddon 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.