Resource Summary Report

Generated by dkNET on Apr 30, 2025

Primer3Plus

RRID:SCR_003081 Type: Tool

Proper Citation

Primer3Plus (RRID:SCR_003081)

Resource Information

URL: http://www.bioinformatics.nl/cgi-bin/primer3plus/primer3plus.cgi

Proper Citation: Primer3Plus (RRID:SCR_003081)

Description: A web interface to the Primer3 primer design program as an enhanced alternative for the CGI- scripts that come with Primer3.

Abbreviations: Primer3Plus

Synonyms: Primer3Plus - pick primers from a DNA sequence

Resource Type: software resource, data analysis service, service resource, source code, analysis service resource, production service resource

Defining Citation: PMID:17485472

Keywords: primer, dna sequence, primer design, perl, bio.tools

Funding: Howard Hughes Medical Institute ; NHGRI R01-HG00257; NHGRI P50-HG00098

Availability: GNU General Public License, v2 or later, Acknowledgement requested

Resource Name: Primer3Plus

Resource ID: SCR_003081

Alternate IDs: biotools:primer3plus, OMICS_02347

Alternate URLs: https://bio.tools/primer3plus

Record Creation Time: 20220129T080217+0000

Record Last Update: 20250430T055203+0000

Ratings and Alerts

No rating or validation information has been found for Primer3Plus.

No alerts have been found for Primer3Plus.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1571 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Timm AE, et al. (2025) A Real-Time PCR Assay for Detecting Codling Moth Cydia pomonella on Material Intercepted at U.S. Ports of Entry-A Valuable Tool for Specimen Identification. International journal of molecular sciences, 26(2).

Nguyen THH, et al. (2025) Combination of Hotspot Mutations With Methylation and Fragmentomic Profiles to Enhance Multi-Cancer Early Detection. Cancer medicine, 14(1), e70575.

Blanchais C, et al. (2025) Interplay between the Xer recombination system and the dissemination of antibioresistance in Acinetobacter baumannii. Nucleic acids research, 53(1).

Cortés-Ortíz IA, et al. (2025) Vaginal Dysbiosis in Infertility: A Comparative Analysis Between Women with Primary and Secondary Infertility. Microorganisms, 13(1).

Huang J, et al. (2025) Identification of the Granule-Bound Starch Synthase (GBSS) Genes Involved in Amylose Biosynthesis in Tartary Buckwheat (Fagopyrum tataricum (L.) Gaertn.). Plants (Basel, Switzerland), 14(2).

Kerdthip T, et al. (2025) Multiplex-PCR technique to predict polymorphic antigens - M, N, S and s - and associations between their alleles and Mia-associated hybrid glycophorins. Scientific reports, 15(1), 2815.

Santhoshi Y, et al. (2025) Comprehensive Analysis of the NHX Gene Family and Its Regulation Under Salt and Drought Stress in Quinoa (Chenopodium quinoa Willd.). Genes,

16(1).

Valmonte-Cortes GR, et al. (2025) Arabidopsis Calcium Dependent Protein Kinase 3, and Its Orthologues OsCPK1, OsCPK15, and AcCPK16, Are Involved in Biotic and Abiotic Stresses. Plants (Basel, Switzerland), 14(2).

Shaikh MA, et al. (2025) StCDF1: A 'jack of all trades' clock output with a central role in regulating potato nitrate reduction activity. The New phytologist, 245(1), 282.

Nelson HV, et al. (2025) A Genomic-Based Workflow for eDNA Assay Development for a Critically Endangered Turtle, Myuchelys georgesi. Ecology and evolution, 15(1), e70798.

Hwang GH, et al. (2025) Large DNA deletions occur during DNA repair at 20-fold lower frequency for base editors and prime editors than for Cas9 nucleases. Nature biomedical engineering, 9(1), 79.

Xu X, et al. (2025) Endonuclease G promotes hepatic mitochondrial respiration by selectively increasing mitochondrial tRNAThr production. Proceedings of the National Academy of Sciences of the United States of America, 122(1), e2411298122.

Di Menna L, et al. (2025) Preclinical and clinical study on type 3 metabotropic glutamate receptors in Parkinson's disease. NPJ Parkinson's disease, 11(1), 9.

Gholamhossein Tabar Valookolaei FS, et al. (2025) The antibacterial capabilities of alginate encapsulated lemon essential oil nanocapsules against multi-drug-resistant Acinetobacter baumannii. Scientific reports, 15(1), 1679.

Bertoncini A, et al. (2025) Arabidopsis thaliana DNA Damage Response Mutants Challenged with Genotoxic Agents-A Different Experimental Approach to Investigate the TDP1? and TDP1? Genes. Genes, 16(1).

Ben Nasr M, et al. (2024) Glucagon-like peptide 1 receptor is a T cell-negative costimulatory molecule. Cell metabolism, 36(6), 1302.

Sun C, et al. (2024) Harnessing biosynthesized selenium nanoparticles for recruitment of beneficial soil microbes to plant roots. Cell host & microbe, 32(12), 2148.

Gupta S, et al. (2024) Antigen-Specific T Cell Receptor Discovery for Treating Progressive Multifocal Leukoencephalopathy. bioRxiv : the preprint server for biology.

Kadam A, et al. (2024) Utilizing insights of DNA repair machinery to discover MMEJ deletions and novel mechanisms. Nucleic acids research, 52(22), e106.

Tang WW, et al. (2024) Microalgae for freshwater arsenic bioremediation: examining cellular toxicity, bioconcentration factor and eluding an alternative arsenic detoxification pathway. 3 Biotech, 14(5), 130.