

Resource Summary Report

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dCAPS Finder

RRID:SCR_008612

Type: Tool

Proper Citation

dCAPS Finder (RRID:SCR_008612)

Resource Information

URL: <http://helix.wustl.edu/dcaps/dcaps.html>

Proper Citation: dCAPS Finder (RRID:SCR_008612)

Description: A simple program for finding nearly matched primers Sponsor: This material is based upon work supported by the National Science Foundation under Grant No. 0114726.

Synonyms: dCAPS

Resource Type: software resource

Defining Citation: [PMID:12446140](#)

Resource Name: dCAPS Finder

Resource ID: SCR_008612

Alternate IDs: nif-0000-31957

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260725T190649+0000

Ratings and Alerts

No rating or validation information has been found for dCAPS Finder.

No alerts have been found for dCAPS Finder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 158 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Dong H, et al. (2025) Elucidation of the genetic basis of variation in flowering time in *Brassica napus* via genome-wide association studies and gene coexpression analysis. *BMC plant biology*, 25(1), 350.

Matta T, et al. (2025) GABA-Producing *Levilactobacillus brevis* LAB6 Mitigates Pentylentetrazol-Induced Gut-Brain Dysregulation in SD Rats. *Journal of neurochemistry*, 169(6), e70141.

Soorni J, et al. (2025) Developing resistance to *Fusarium* wilt in chickpea: From identifying meta-QTLs to molecular breeding. *The plant genome*, 18(1), e70004.

Dai Z, et al. (2025) An intronic SNP in the Carotenoid Cleavage Dioxygenase 1 (*CsCCD1*) controls yellow flesh formation in cucumber fruit (*Cucumis sativus* L.). *Plant biotechnology journal*, 23(6), 2182.

Shen J, et al. (2025) A nuclear-encoded endonuclease governs the paternal transmission of mitochondria in *Cucumis* plants. *Nature communications*, 16(1), 4266.

Song R, et al. (2025) Unraveling the regulatory network of barley grain metabolism through the integrative analysis of multiomics and mQTL. *Nature communications*, 16(1), 5544.

Wu T, et al. (2024) MutL homolog 1 participates in interference-sensitive meiotic crossover formation in soybean. *Plant physiology*, 195(4), 2579.

Fu W, et al. (2024) Whole-genome resequencing identifies candidate genes and allelic variation in the MdNADP-ME promoter that regulate fruit malate and fructose contents in apple. *Plant communications*, 5(9), 100973.

Yoo SI, et al. (2024) Genome Sequencing of *Lentinula edodes* Revealed a Genomic Variant Block Associated with a Thermo-Tolerant Trait in Fruit Body Formation. *Journal of fungi* (Basel, Switzerland), 10(9).

Zhang W, et al. (2024) Genetic analysis and preliminary mapping by BSA-seq of the *CmSR* gene regulating the spotted rind trait in melon (*Cucumis melo* L.). *Genetics and molecular biology*, 47(3), e20240062.

Derrick CJ, et al. (2024) Functional analysis of germline *VANGL2* variants using rescue assays of *vangl2* knockout zebrafish. *Human molecular genetics*, 33(2), 150.

Zhang M, et al. (2024) *OsGELP77*, a QTL for broad-spectrum disease resistance and yield in rice, encodes a GDSL-type lipase. *Plant biotechnology journal*, 22(5), 1352.

Kwon SH, et al. (2024) Genetic Insights into the Extremely Dwarf *Hibiscus syriacus* var. *micranthus*: Complete Chloroplast Genome Analysis and Development of a Novel dCAPS Marker. *Current issues in molecular biology*, 46(3), 2757.

Baral A, et al. (2024) TYPHON proteins are RAB-dependent mediators of the trans-Golgi network secretory pathway. *The Plant cell*, 37(1).

Maung PP, et al. (2023) Identification and characterization of a novel gene controlling floral organ number in rice (*Oryza sativa* L.). *PloS one*, 18(1), e0280022.

Li J, et al. (2023) Characterization of Two AGAMOUS-like Genes and Their Promoters from the *Cymbidium faberi* (Orchidaceae). *Plants (Basel, Switzerland)*, 12(14).

Tergemina E, et al. (2022) A two-step adaptive walk rewires nutrient transport in a challenging edaphic environment. *Science advances*, 8(20), eabm9385.

Yokoyama R, et al. (2022) Point mutations that boost aromatic amino acid production and CO₂ assimilation in plants. *Science advances*, 8(23), eabo3416.

Hou BH, et al. (2022) Cultivar-specific markers, mutations, and chimerism of Cavendish banana somaclonal variants resistant to *Fusarium oxysporum* f. sp. *cubense* tropical race 4. *BMC genomics*, 23(1), 470.

Santistevan NJ, et al. (2022) cacna2d3, a voltage-gated calcium channel subunit, functions in vertebrate habituation learning and the startle sensitivity threshold. *PloS one*, 17(7), e0270903.