# Resource Summary Report

Generated by RRID on Aug 5, 2026

## 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:** 20260801T190348+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 RRID .


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 Pentylenetetrazol-Induced Gut-Brain Dysregulation in SD Rats. Journal of neurochemistry, 169(6), e70141.

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.

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.

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).

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

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

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.

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