

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

VirtualPlant

RRID:SCR_022576

Type: Tool

Proper Citation

VirtualPlant (RRID:SCR_022576)

Resource Information

URL: <http://virtualplant.bio.nyu.edu/cgi-bin/vpweb/>

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Description: Software platform to support systems biology research. Integrates genomic data and provides visualization and analysis tools for exploration of genomic data. Provides tools to generate biological hypotheses.

Synonyms: VirtualPlant 1.3

Resource Type: data access protocol, web service, software resource

Defining Citation: [PMID:20007449](#)

Keywords: genomic data integration, support systems biology, genomic data visualization and analysis

Funding: NSF DBI 0445666;
NSF IOB 0519985;
NSF MCB-0209754;
FONDECYT ;
Grape Genomics ;
Millennium Nucleus for Plant Functional Genomics ;
NIGMS R01 GM 032877;
NIGMS 5F32GM75600

Availability: Free, Available for download, Freely available

Resource Name: VirtualPlant

Resource ID: SCR_022576

Record Creation Time: 20220726T050157+0000

Record Last Update: 20260731T043128+0000

Ratings and Alerts

No rating or validation information has been found for VirtualPlant.

No alerts have been found for VirtualPlant.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

James M, et al. (2025) V-ATPases and amino acid catabolism are strongly disturbed in the roots of autophagy mutants in Arabidopsis, impacting water use efficiency and tricarboxylic acid metabolism. The Plant journal : for cell and molecular biology, 123(2), e70359.

Shanks CM, et al. (2024) Nitrogen sensing and regulatory networks: it's about time and space. The Plant cell, 36(5), 1482.