

Resource Summary Report

Generated by T1D on Jul 31, 2026

MAPMAKER/EXP

RRID:SCR_009281

Type: Tool

Proper Citation

MAPMAKER/EXP (RRID:SCR_009281)

Resource Information

URL: <http://www.broad.mit.edu/ftp/distribution/software/mapmaker3/>

Proper Citation: MAPMAKER/EXP (RRID:SCR_009281)

Description: Software application (entry from Genetic Analysis Software)

Abbreviations: MAPMAKER/EXP

Synonyms: MMDRAWER

Resource Type: software resource, software application

Keywords: gene, genetic, genomic, c, unix, vms, ms-dos, macos

Resource Name: MAPMAKER/EXP

Resource ID: SCR_009281

Alternate IDs: nlx_154462

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260731T042817+0000

Ratings and Alerts

No rating or validation information has been found for MAPMAKER/EXP.

No alerts have been found for MAPMAKER/EXP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 282 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Dörfors F, et al. (2024) Nitrate transporter protein NPF5.12 and major latex-like protein MLP6 are important defense factors against *Verticillium longisporum*. *Journal of experimental botany*, 75(13), 4148.

Calderón-González Á, et al. (2024) Mapping an avirulence gene in the sunflower parasitic weed *Orobanche cumana* and characterization of host selection based on virulence alleles. *BMC plant biology*, 24(1), 1147.

Chen L, et al. (2024) Identification of a recessive gene RgM4G52 conferring red glume, stem, and rachis in a *Triticum boeoticum* mutant. *Frontiers in plant science*, 15, 1459505.

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

Liu X, et al. (2024) Fine Mapping of qAL5.2 Controlling Anther Length in *Oryza sativa*. *Plants (Basel, Switzerland)*, 13(8).

Ogata D, et al. (2024) Detection and validation of QTLs for green stem disorder of soybean (*Glycine max* (L.) Merr.). *Breeding science*, 74(2), 138.

Yamanaka N, et al. (2023) Genetic Mapping of Seven Kinds of Locus for Resistance to Asian Soybean Rust. *Plants (Basel, Switzerland)*, 12(12).

Sun S, et al. (2022) Molecular Characterizations of the *er1* Alleles Conferring Resistance to *Erysiphe pisi* in Three Chinese Pea (*Pisum sativum* L.) Landraces. *International journal of molecular sciences*, 23(19).

Redina OE, et al. (2021) Hypothalamic Norepinephrine Concentration and Heart Mass in Hypertensive ISIAH Rats Are Associated with a Genetic Locus on Chromosome 18. *Journal of personalized medicine*, 11(2).

Hu BL, et al. (2021) Identification and Validation of QTLs for Macronutrient Contents in Brown and Milled Rice Using Two Backcross Populations between *Oryza sativa* and *O. rufipogon*. *BioMed research international*, 2021, 5561734.

Hu Z, et al. (2021) Integrated NIRS and QTL assays reveal minor mannose and galactose as contrast lignocellulose factors for biomass enzymatic saccharification in rice. *Biotechnology for biofuels*, 14(1), 144.

Ikegaya T, et al. (2021) Genetic region responsible for the differences of starch properties in two glutinous rice cultivars in Hokkaido, Japan. *Breeding science*, 71(3), 375.

Fredua-Agyeman R, et al. (2021) Clubroot resistance derived from the European *Brassica napus* cv. 'Tosca' is not effective against virulent *Plasmodiophora brassicae* isolates from Alberta, Canada. *Scientific reports*, 11(1), 14472.

Wang X, et al. (2021) Fine Mapping of a Novel Major Quantitative Trait Locus, qPAA7, That Controls Panicle Apical Abortion in Rice. *Frontiers in plant science*, 12, 683329.

Zhang YM, et al. (2021) A rice QTL GS3.1 regulates grain size through metabolic-flux distribution between flavonoid and lignin metabolons without affecting stress tolerance. *Communications biology*, 4(1), 1171.

Degrave A, et al. (2021) A new avirulence gene of *Leptosphaeria maculans*, AvrLm14, identifies a resistance source in American broccoli (*Brassica oleracea*) genotypes. *Molecular plant pathology*, 22(12), 1599.

Foulongne-Oriol M, et al. (2021) Mating-Type Locus Organization and Mating-Type Chromosome Differentiation in the Bipolar Edible Button Mushroom *Agaricus bisporus*. *Genes*, 12(7).

Zeng P, et al. (2021) Identification and fine mapping of qGR6.2, a novel locus controlling rice seed germination under salt stress. *BMC plant biology*, 21(1), 36.

Lee SB, et al. (2021) Mapping of a Major QTL, qBK1Z, for Bakanae Disease Resistance in Rice. *Plants (Basel, Switzerland)*, 10(3).

Chen YB, et al. (2021) Genetic Control Diversity Drives Differences Between Cadmium Distribution and Tolerance in Rice. *Frontiers in plant science*, 12, 638095.