Resource Summary Report

Generated by NIF on Sep 3, 2026

QTL Cartographer

RRID:SCR_009349
Type: Tool

Proper Citation

QTL Cartographer (RRID:SCR_009349)

Resource Information

URL: http://statgen.ncsu.edu/qtlcart/cartographer.html

Proper Citation: QTL Cartographer (RRID:SCR_009349)

Description: Software program to map quantitative traits sing a map of molecular markers. (entry from Genetic Analysis Software)

Abbreviations: QTL Cartographer

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, unix, ms-windows, macos

Resource Name: QTL Cartographer

Resource ID: SCR_009349

Alternate IDs: nlx_154564

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260829T183111+0000

Ratings and Alerts

No rating or validation information has been found for QTL Cartographer.

No alerts have been found for QTL Cartographer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Takisawa R, et al. (2018) The parthenocarpic gene Pat-k is generated by a natural mutation of SlAGL6 affecting fruit development in tomato (Solanum lycopersicum L.). BMC plant biology, 18(1), 72.

Dhariwal R, et al. (2018) High Density Single Nucleotide Polymorphism (SNP) Mapping and Quantitative Trait Loci (QTL) Analysis in a Biparental Spring Triticale Population Localized Major and Minor Effect Fusarium Head Blight Resistance and Associated Traits QTL. Genes, 9(1).

Guan P, et al. (2018) Global QTL Analysis Identifies Genomic Regions on Chromosomes 4A and 4B Harboring Stable Loci for Yield-Related Traits Across Different Environments in Wheat (Triticum aestivum L.). Frontiers in plant science, 9, 529.

Mizuno Y, et al. (2018) Genetic dissection of pre-harvest sprouting resistance in an upland rice cultivar. Breeding science, 68(2), 200.

Inoue H, et al. (2017) Panicle blast 1 (Pb1) resistance is dependent on at least four QTLs in the rice genome. Rice (New York, N.Y.), 10(1), 36.

Nilsen KT, et al. (2017) High density mapping and haplotype analysis of the major stem-solidness locus SSt1 in durum and common wheat. PloS one, 12(4), e0175285.

Wang Q, et al. (2017) Genetic Architecture of Natural Variation in Rice Nonphotochemical Quenching Capacity Revealed by Genome-Wide Association Study. Frontiers in plant science, 8, 1773.

Zubrzycki JE, et al. (2017) Main and epistatic QTL analyses for Sclerotinia Head Rot resistance in sunflower. PloS one, 12(12), e0189859.

Perrotte J, et al. (2016) Narrowing down the single homoeologous FaPFRU locus controlling flowering in cultivated octoploid strawberry using a selective mapping strategy. Plant biotechnology journal, 14(11), 2176.

Uddin MN, et al. (2016) Identification of a low tiller gene from a new plant type cultivar in rice (Oryza sativa L.). Breeding science, 66(5), 790.

Perrotte J, et al. (2016) Identification of successive flowering phases highlights a new genetic control of the flowering pattern in strawberry. Journal of experimental botany, 67(19), 5643.

Vemireddy LR, et al. (2015) Discovery and mapping of genomic regions governing economically important traits of Basmati rice. BMC plant biology, 15, 207.

Nagata K, et al. (2015) Advanced backcross QTL analysis reveals complicated genetic control of rice grain shape in a japonica ?? indica cross. Breeding science, 65(4), 308.

Hori K, et al. (2015) Genetic architecture of variation in heading date among Asian rice accessions. BMC plant biology, 15, 115.

Yabe S, et al. (2014) Rapid genotyping with DNA micro-arrays for high-density linkage mapping and QTL mapping in common buckwheat (Fagopyrum esculentum Moench). Breeding science, 64(4), 291.

Ranawake AL, et al. (2014) Mapping QTLs for cold tolerance at germination and the early seedling stage in rice (Oryza sativa L.). Biotechnology, biotechnological equipment, 28(6), 989.

Mizobuchi R, et al. (2013) Mapping a quantitative trait locus for resistance to bacterial grain rot in rice. Rice (New York, N.Y.), 6(1), 13.