

Resource Summary Report

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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 using 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: 20260805T044221+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 [RRID](#) .

Takisawa R, et al. (2018) The parthenocarpic gene Pat-k is generated by a natural mutation of SIAGL6 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.