

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

J/QTL

RRID:SCR_009250

Type: Tool

Proper Citation

J/QTL (RRID:SCR_009250)

Resource Information

URL: <http://www.jax.org/staff/churchill/labsite/software/Jqtl/index.html>

Proper Citation: J/QTL (RRID:SCR_009250)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 9, 2023. A Java GUI for the popular QTL data analysis software R/QTL that provides a flexible and powerful working environment for users to perform a variety of tasks. (entry from Genetic Analysis Software)

Abbreviations: J/QTL

Resource Type: software resource, software application

Keywords: gene, genetic, genomic, java

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: J/QTL

Resource ID: SCR_009250

Alternate IDs: nlx_154418

Record Creation Time: 20220129T080251+0000

Record Last Update: 20260808T190501+0000

Ratings and Alerts

No rating or validation information has been found for J/QTL.

No alerts have been found for J/QTL.

Data and Source Information

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Rinkenberger N, et al. (2024) Susceptibility of *Toxoplasma gondii* to autophagy in human cells relies on multiple interacting parasite loci. *mBio*, 15(1), e0259523.

Fuller DT, et al. (2020) Data on genetic linkage of oxidative stress with cardiometabolic traits in an intercross derived from hyperlipidemic mouse strains. *Data in brief*, 29, 105165.

Winter JM, et al. (2018) Modifier locus mapping of a transgenic F2 mouse population identifies CCDC115 as a novel aggressive prostate cancer modifier gene in humans. *BMC genomics*, 19(1), 450.

Yan Q, et al. (2017) Candidate genes on murine chromosome 8 are associated with susceptibility to *Staphylococcus aureus* infection in mice and are involved with *Staphylococcus aureus* septicemia in humans. *PloS one*, 12(6), e0179033.

Grainger AT, et al. (2017) Polygenic Control of Carotid Atherosclerosis in a BALB/cJ ?? SM/J Intercross and a Combined Cross Involving Multiple Mouse Strains. *G3 (Bethesda, Md.)*, 7(2), 731.

Grainger AT, et al. (2016) Genetic analysis of atherosclerosis identifies a major susceptibility locus in the major histocompatibility complex of mice. *Atherosclerosis*, 254, 124.

Hossain MS, et al. (2016) Identification of mutations through dominant screening for obesity using C57BL/6 substrains. *Scientific reports*, 6, 32453.

Anselmi M, et al. (2016) Genetic evidence for chromosome 4 loci influencing learning and memory. *Neurobiology of learning and memory*, 131, 182.

Behnke MS, et al. (2015) Rhoptry Proteins ROP5 and ROP18 Are Major Murine Virulence Factors in Genetically Divergent South American Strains of *Toxoplasma gondii*. *PLoS genetics*, 11(8), e1005434.

Wang Q, et al. (2015) Genetic linkage of hyperglycemia and dyslipidemia in an intercross between BALB/cJ and SM/J Apoe-deficient mouse strains. *BMC genetics*, 16, 133.

Yan Q, et al. (2014) *Dusp3* and *Psme3* are associated with murine susceptibility to *Staphylococcus aureus* infection and human sepsis. *PLoS pathogens*, 10(6), e1004149.

Frankel WN, et al. (2014) Unraveling genetic modifiers in the *gria4* mouse model of absence epilepsy. *PLoS genetics*, 10(7), e1004454.

Boutin S, et al. (2014) Inter individual variations of the fish skin microbiota: host genetics basis of mutualism? *PloS one*, 9(7), e102649.

Rowlan JS, et al. (2013) New quantitative trait loci for carotid atherosclerosis identified in an intercross derived from apolipoprotein E-deficient mouse strains. *Physiological genomics*, 45(8), 332.

Dauphinee SM, et al. (2013) Characterization of two ENU-induced mutations affecting mouse skeletal morphology. *G3 (Bethesda, Md.)*, 3(10), 1753.

Keum S, et al. (2013) Natural genetic variation of integrin alpha L (Itgal) modulates ischemic brain injury in stroke. *PLoS genetics*, 9(10), e1003807.

Rowlan JS, et al. (2013) Atherosclerosis susceptibility Loci identified in an extremely atherosclerosis-resistant mouse strain. *Journal of the American Heart Association*, 2(4), e000260.

Eversley CD, et al. (2012) Mapping six new susceptibility to colon cancer (Scc) loci using a mouse interspecific backcross. *G3 (Bethesda, Md.)*, 2(12), 1577.

Esworthy RS, et al. (2012) Analysis of candidate colitis genes in the *Gdac1* locus of mice deficient in glutathione peroxidase-1 and -2. *PloS one*, 7(9), e44262.

Faraji F, et al. (2012) *Cadm1* is a metastasis susceptibility gene that suppresses metastasis by modifying tumor interaction with the cell-mediated immunity. *PLoS genetics*, 8(9), e1002926.