

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

R/QTLDESIGN

RRID:SCR_013424

Type: Tool

Proper Citation

R/QTLDESIGN (RRID:SCR_013424)

Resource Information

URL: <http://www.biostat.ucsf.edu/sen/rqtlDesign.html>

Proper Citation: R/QTLDESIGN (RRID:SCR_013424)

Description: Software application to help plan quantitative trait locus (QTL) experiments.
(entry from Genetic Analysis Software)

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, r

Resource Name: R/QTLDESIGN

Resource ID: SCR_013424

Alternate IDs: nlx_154598

Alternate URLs: <https://cran.r-project.org/web/packages/qtlDesign/index.html>

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260912T200249+0000

Ratings and Alerts

No rating or validation information has been found for R/QTLDESIGN.

No alerts have been found for R/QTLDESIGN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Orgil BO, et al. (2025) Unraveling the genetic blueprint of doxorubicin-induced cardiotoxicity through systems genetics approaches. *Cardio-oncology* (London, England), 11(1), 53.

Senko AN, et al. (2022) Systems genetics in the rat HXB/BXH family identifies Tti2 as a pleiotropic quantitative trait gene for adult hippocampal neurogenesis and serum glucose. *PLoS genetics*, 18(4), e1009638.

Goldberg LR, et al. (2021) A quantitative trait variant in Gabra2 underlies increased methamphetamine stimulant sensitivity. *Genes, brain, and behavior*, 20(8), e12774.

Höglund A, et al. (2020) The genetic regulation of size variation in the transcriptome of the cerebrum in the chicken and its role in domestication and brain size evolution. *BMC genomics*, 21(1), 518.

Koseva BS, et al. (2019) Quantitative Genetic Mapping and Genome Assembly in the Lesser Wax Moth *Achroia grisella*. *G3* (Bethesda, Md.), 9(7), 2349.

Johnsson M, et al. (2018) Genetical genomics of growth in a chicken model. *BMC genomics*, 19(1), 72.

Knoll AT, et al. (2018) Quantitative trait locus mapping and analysis of heritable variation in affiliative social behavior and co-occurring traits. *Genes, brain, and behavior*, 17(5), e12431.

Bruining H, et al. (2015) Genetic Mapping in Mice Reveals the Involvement of Pcdh9 in Long-Term Social and Object Recognition and Sensorimotor Development. *Biological psychiatry*, 78(7), 485.

Jones-Davis DM, et al. (2013) Quantitative trait loci for interhemispheric commissure development and social behaviors in the BTBR T⁺ tf/J mouse model of autism. *PloS one*, 8(4), e61829.