

Resource Summary Report

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GenGen

RRID:SCR_013447

Type: Tool

Proper Citation

GenGen (RRID:SCR_013447)

Resource Information

URL: <http://www.openbioinformatics.org/gengen/>

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Description: A suite of free software tools to facilitate the analysis of high-throughput genomics data sets. The package is currently a work-in-progress and infrequently updated.

Abbreviations: GenGen

Synonyms: GenGen: Genetic Genomics Analysis of Complex Data

Resource Type: software application, software resource

Keywords: genomic analysis, imaging genomics, pathway, network, snp, gene, genetics, genomics

Availability: Free

Resource Name: GenGen

Resource ID: SCR_013447

Alternate IDs: nlx_155766

Alternate URLs: <http://www.nitrc.org/projects/gengen>

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260805T044313+0000

Ratings and Alerts

No rating or validation information has been found for GenGen.

No alerts have been found for GenGen.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Oliver KF, et al. (2020) Loci associated with conception rate in crossbred beef heifers. PloS one, 15(4), e0230422.

Jiao H, et al. (2019) Genome-Wide Interaction and Pathway Association Studies for Body Mass Index. Frontiers in genetics, 10, 404.

Oliver KF, et al. (2019) Genomic Analysis of Spontaneous Abortion in Holstein Heifers and Primiparous Cows. Genes, 10(12).

Law PJ, et al. (2019) Association analyses identify 31 new risk loci for colorectal cancer susceptibility. Nature communications, 10(1), 2154.

Michailidou K, et al. (2017) Association analysis identifies 65 new breast cancer risk loci. Nature, 551(7678), 92.

Neupane M, et al. (2017) Loci and pathways associated with uterine capacity for pregnancy and fertility in beef cattle. PloS one, 12(12), e0188997.

Chen M, et al. (2016) Pathway analysis of bladder cancer genome-wide association study identifies novel pathways involved in bladder cancer development. Genes & cancer, 7(7-8), 229.

Spain SL, et al. (2016) A genome-wide analysis of putative functional and exonic variation associated with extremely high intelligence. Molecular psychiatry, 21(8), 1145.

Wei R, et al. (2016) Meta-dimensional data integration identifies critical pathways for susceptibility, tumorigenesis and progression of endometrial cancer. Oncotarget, 7(34), 55249.

Ramirez O, et al. (2015) Genome data from a sixteenth century pig illuminate modern breed relationships. Heredity, 114(2), 175.

Jiao H, et al. (2015) Pathway-Based Genome-Wide Association Studies for Plasma Triglycerides in Obese Females and Normal-Weight Controls. PloS one, 10(8), e0134923.

Rosenberger A, et al. (2015) META-GSA: Combining Findings from Gene-Set Analyses across Several Genome-Wide Association Studies. *PloS one*, 10(10), e0140179.

Todd JN, et al. (2015) Genetic Evidence for a Causal Role of Obesity in Diabetic Kidney Disease. *Diabetes*, 64(12), 4238.

Li WD, et al. (2015) Pathway-Based Genome-wide Association Studies Reveal That the Rac1 Pathway Is Associated with Plasma Adiponectin Levels. *Scientific reports*, 5, 13422.

Jin L, et al. (2014) Pathway-based analysis tools for complex diseases: a review. *Genomics, proteomics & bioinformatics*, 12(5), 210.

Sulovari A, et al. (2014) GACT: a Genome build and Allele definition Conversion Tool for SNP imputation and meta-analysis in genetic association studies. *BMC genomics*, 15, 610.

Jiang L, et al. (2013) Comparison of the performance of two commercial genome-wide association study genotyping platforms in Han Chinese samples. *G3 (Bethesda, Md.)*, 3(1), 23.

Bishop MT, et al. (2013) Splice site SNPs of phospholipase PLCXD3 are significantly associated with variant and sporadic Creutzfeldt-Jakob disease. *BMC medical genetics*, 14, 91.

Jones AR, et al. (2013) Residual association at C9orf72 suggests an alternative amyotrophic lateral sclerosis-causing hexanucleotide repeat. *Neurobiology of aging*, 34(9), 2234.e1.

Palmer RH, et al. (2012) The genetics of alcohol dependence: advancing towards systems-based approaches. *Drug and alcohol dependence*, 125(3), 179.