Resource Summary Report

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NextGENe

RRID:SCR_011859
Type: Tool

Proper Citation

NextGENe (RRID:SCR_011859)

Resource Information

URL: https://www.softgenetics.com/NextGENe.php

Proper Citation: NextGENe (RRID:SCR_011859)

Description: Software tool for Next Generation sequence analysis. Analytical partner for analysis of desktop sequencing data produced by Illumina iSeq, Miniseq, MiSeq, NextSeq, HiSeq, and NovaSeq systems, Ion Torrent Ion GeneStudio S5, PGM, and Proton systems as well as other platforms. Software runs on Windows Operating System, which provides biologist friendly interface. It does not require scripting or other bioinformatics support.

Abbreviations: NextGENe

Synonyms: Next GENeration Sequence Analysis

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: Next Generation Sequence Analysis, desktop sequencing data analysis, sequencing data

Availability: Commercial license

Resource Name: NextGENe

Resource ID: SCR_011859

Alternate IDs: OMICS_01131

Old URLs: http://softgenetics.com/NextGENe.html

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260912T195741+0000

Ratings and Alerts

No rating or validation information has been found for NextGENe.

No alerts have been found for NextGENe.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 381 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Wu H, et al. (2026) Treatment with Minicircle DNA Expressing a FGF23 Fragment in a Clinically relevant Mouse Model of X-Linked Hypophosphatemic Rickets. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e08870.

Lu J, et al. (2026) Prenatal diagnosis and perinatal outcomes of fetuses with congenital duodenal obstruction: A nine-year retrospective study from China. Acta obstetricia et gynecologica Scandinavica, 105(2), 268.

Choi S, et al. (2026) Native liver survival and genetic associations in Korean patients with Alagille syndrome. European journal of pediatrics, 185(5).

Mrkvicova A, et al. (2026) Stemness and EMT profiles shift in xenografts derived from cisplatin-sensitive and cisplatin-tolerant ovarian cancer cells. PloS one, 21(2), e0342326.

Wang B, et al. (2026) Pathogenic Characterization of a Novel G47R Transthyretin Mutation in Early-Onset Amyloid Cardiomyopathy. Journal of the American Heart Association, 15(10), e044745.

Xu J, et al. (2026) Multiple Mitochondrial Dysfunction Syndrome Caused by IBA57 Gene Mutation: A Case Report and Literature Review. Molecular genetics & genomic medicine, 14(1), e70200.

Kim Y, et al. (2026) High-resolution Chromosomal Microarray with Diagnostic Potential for Detecting Exon-level Copy Number Variations Using Targeted and Non-targeted Approaches. Annals of laboratory medicine, 46(2), 190.

Guo A, et al. (2026) Impaired bone matrix turnover with selective small bone fragility in a child with TENT5A-associated osteogenesis imperfecta. JBMR plus, 10(4), ziag029.

Ahn JH, et al. (2026) Germline Mutations Related to Complete Remission After Neoadjuvant Chemotherapy in Patients With Triple-negative Breast Cancer. Journal of breast cancer, 29(2), 118.

Matheny-Rabun C, et al. (2026) Genetic variants in Rps4x cause intellectual disability with dysmorphic features, microcephaly, and autism. NPJ genomic medicine, 11(1).

Xian S, et al. (2026) Prenatal Diagnosis of Short Rib-Polydactyly Syndrome (SRPS), DYNC2I1-Related: Identification of a Novel Homozygous Missense Variant by Clinical Exome Sequencing. Clinical case reports, 14(6), e72795.

Ding Y, et al. (2025) Focusing on Rare Variants Related to Maturity-Onset Diabetes of the Young in Children. Pediatric diabetes, 2025, 8155443.

Guerra J, et al. (2025) The role of multi-organ cancer predisposition genes in the risk of inherited and histologically diverse gastric cancer. EBioMedicine, 116, 105759.

Kuehl J, et al. (2025) Genetic inactivation of FAAP100 causes Fanconi anemia due to disruption of the monoubiquitin ligase core complex. The Journal of clinical investigation, 135(11).

Özer L, et al. (2025) The retrospective data analysis of NLRP7 and KHDC3L mutations in Turkish patients with recurrent hydatidiform mole. Turkish journal of obstetrics and gynecology, 22(3), 230.

Dong L, et al. (2025) A Novel R140S ?c Variant Alters Cellular Distribution, Reduces Surface Expression, and Impairs Cytokine Signaling in Atypical X-SCID. Journal of clinical immunology, 45(1), 121.

Kwon YD, et al. (2025) Clinical usefulness of next-generation sequencing-based target gene sequencing in diagnosis of inherited bone marrow failure syndrome. Annals of hematology, 104(5), 2693.

Jiang J, et al. (2025) The fetal hydrops-associated single-residue mutation L322P disrupts mechanical but not chemical activation of the PIEZO1 ion channel. Proceedings of the National Academy of Sciences of the United States of America, 122(33), e2503793122.

Costa CIS, et al. (2025) Understanding rare variant contributions to autism: lessons from dystrophin-deficient model. NPJ genomic medicine, 10(1), 18.

Policarpio-Nicolas MLC, et al. (2025) Cytologic Findings and Ancillary Tests Results of Sclerosing Pneumocytoma: Our Institutional Experience. Diagnostic cytopathology, 53(1), 3.