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 processing software, data analysis software, software resource, software application

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

Funding:

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: 20250417T065413+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 350 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

Zheng Y, et al. (2025) Comparative sequencing study of mismatch repair and homology-directed repair genes in endometrial cancer and breast cancer patients from Kazakhstan. International journal of cancer, 156(4), 764.

Kokemüller L, et al. (2025) Germline variants of homology-directed repair or mismatch repair genes in cervical cancer. International journal of cancer, 156(4), 700.

Chan TCH, et al. (2024) Harnessing Next-Generation Sequencing as a Timely and Accurate Second-Tier Screening Test for Newborn Screening of Inborn Errors of Metabolism. International journal of neonatal screening, 10(1).

Wei X, et al. (2024) Genotype-Phenotype Associations in an X-Linked Retinoschisis Patient Cohort: The Molecular Dynamic Insight and a Promising SD-OCT Indicator. Investigative ophthalmology & visual science, 65(2), 17.

Xu X, et al. (2024) From phenotype to mechanism: Prenatal spectrum of NKAP mutation-related disorder and its pathogenesis inducing congenital heart disease. Journal of cellular and molecular medicine, 28(8), e18305.

Lee S, et al. (2024) Genetic Diagnosis in Neonatal Encephalopathy With Hypoxic Brain Damage Using Targeted Gene Panel Sequencing. Journal of clinical neurology (Seoul,

Korea), 20(5), 519.

Attardi E, et al. (2024) Prospective genetic germline evaluation in a consecutive group of adult patients aged?

Wei T, et al. (2024) Case report: A severe clinical phenotype of pontocerebellar hypoplasia type 7 with compound heterozygous variants of TOE1. Heliyon, 10(7), e28678.

Wu H, et al. (2024) Characterization of novel PHEX variants in X-linked hypophosphatemic rickets and genotype-PHEX activity correlation. The Journal of clinical endocrinology and metabolism.

Smith D, et al. (2024) Spatial and Single Cell Mapping of Castleman Disease Reveals Key Stromal Cell Types and Cytokine Pathways. bioRxiv : the preprint server for biology.

Wang H, et al. (2024) A potential pathogenic mutation of LAMA4 in a Chinese family with dilated cardiomyopathy and conduction system disease. Medicine, 103(50), e40875.

Feró O, et al. (2024) DNA methylome, R-loop and clinical exome profiling of patients with sporadic amyotrophic lateral sclerosis. Scientific data, 11(1), 123.

Axiak CJ, et al. (2024) High Population Frequency of GNRHR p.Q106R in Malta: An Evaluation of Fertility and Hormone Profiles in Heterozygotes. Journal of the Endocrine Society, 8(2), bvad172.

Zhang H, et al. (2024) Clinical and genetic characteristics of a case of Koolen-De Vries syndrome caused by KANSL1 gene mutation and literature review: A case report. Medicine, 103(49), e40923.

Hundermark E, et al. (2024) Isolation and Characterization of the Chromatic-Acclimating, Filamentous Cyanobacterium Pseudanabaena sp. Strain SR411. microPublication biology, 2024.

Rezoug Z, et al. (2024) Universal Genetic Testing for Newly Diagnosed Invasive Breast Cancer. JAMA network open, 7(9), e2431427.

Pipes SE, et al. (2024) In vivo examination of pathogenicity and virulence in environmentally isolated Vibrio vulnificus. MicrobiologyOpen, 13(4), e1427.

Zhao C, et al. (2024) Central precocious puberty in a boy with X-linked adrenoleukodystrophy caused by a novel ABCD1 mutation. Heliyon, 10(7), e28987.

Rhee JW, et al. (2024) Clonal Hematopoiesis and Cardiovascular Disease in Patients With Multiple Myeloma Undergoing Hematopoietic Cell Transplant. JAMA cardiology, 9(1), 16.