Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

Genovo

RRID:SCR_011911
Type: Tool

Proper Citation

Genovo (RRID:SCR_011911)

Resource Information

URL: http://cs.stanford.edu/group/genovo/

Proper Citation: Genovo (RRID:SCR_011911)

Description: Software for a novel de novo sequence assembler that discovers likely sequence reconstructions under the model.

Abbreviations: Genovo

Synonyms: Genovo - Metagenomic de novo Sequencing

Resource Type: software resource

Funding:

Resource Name: Genovo

Resource ID: SCR_011911

Alternate IDs: OMICS_01422

Record Creation Time: 20220129T080307+0000

Record Last Update: 20250410T070220+0000

Ratings and Alerts

No rating or validation information has been found for Genovo.

No alerts have been found for Genovo.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 227 mentions in open access literature.

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

Bethune J, et al. (2022) A method to build extended sequence context models of point mutations and indels. Nature communications, 13(1), 7884.

Wang PX, et al. (2021) Circulating tumor cell detection and single-cell analysis using an integrated workflow based on ChimeraX® -i120 Platform: A prospective study. Molecular oncology, 15(9), 2345.

Kumar S, et al. (2015) Metagenomics: Retrospect and Prospects in High Throughput Age. Biotechnology research international, 2015, 121735.

Kojima M, et al. (2014) Human subperitoneal fibroblast and cancer cell interaction creates microenvironment that enhances tumor progression and metastasis. PloS one, 9(2), e88018.

Klimm F, et al. (2014) Resolving structural variability in network models and the brain. PLoS computational biology, 10(3), e1003491.

Luz M, et al. (2014) Dynamic association with donor cell filopodia and lipid-modification are essential features of Wnt8a during patterning of the zebrafish neuroectoderm. PloS one, 9(1), e84922.

Syam N, et al. (2014) Glycosylation of TRPM4 and TRPM5 channels: molecular determinants and functional aspects. Frontiers in cellular neuroscience, 8, 52.

Mohamadlou H, et al. (2014) Maximizing Kolmogorov Complexity for accurate and robust bright field cell segmentation. BMC bioinformatics, 15, 32.

Azagury DE, et al. (2014) Patient safety and surgical innovation-complementary or mutually exclusive? Patient safety in surgery, 8(1), 17.

Patron M, et al. (2014) MICU1 and MICU2 finely tune the mitochondrial Ca2+ uniporter by exerting opposite effects on MCU activity. Molecular cell, 53(5), 726.

Lyashchenko AK, et al. (2014) cAMP control of HCN2 channel Mg2+ block reveals loose coupling between the cyclic nucleotide-gating ring and the pore. PloS one, 9(7), e101236.

Liu Z, et al. (2014) Changes in topological organization of functional PET brain network with normal aging. PloS one, 9(2), e88690.

Challis C, et al. (2014) Optogenetic modulation of descending prefrontocortical inputs to the dorsal raphe bidirectionally bias socioaffective choices after social defeat. Frontiers in behavioral neuroscience, 8, 43.

Xiong TC, et al. (2014) Imaging long distance propagating calcium signals in intact plant leaves with the BRET-based GFP-aequorin reporter. Frontiers in plant science, 5, 43.

Ng OH, et al. (2014) Deregulated WNT signaling in childhood T-cell acute lymphoblastic leukemia. Blood cancer journal, 4(3), e192.

You P, et al. (2014) Dynamic compressed HRRP generation for random stepped-frequency radar based on complex-valued fast sequential homotopy. Sensors (Basel, Switzerland), 14(5), 8283.

Zhao C, et al. (2014) Recombinase-mediated reprogramming and dystrophin gene addition in mdx mouse induced pluripotent stem cells. PloS one, 9(4), e96279.

Herbst A, et al. (2014) Comprehensive analysis of ?-catenin target genes in colorectal carcinoma cell lines with deregulated Wnt/?-catenin signaling. BMC genomics, 15, 74.

Ferreira R, et al. (2013) Selective activation of KCa3.1 and CRAC channels by P2Y2 receptors promotes Ca(2+) signaling, store refilling and migration of rat microglial cells. PloS one, 8(4), e62345.

Gokcumen O, et al. (2013) Balancing selection on a regulatory region exhibiting ancient variation that predates human-neandertal divergence. PLoS genetics, 9(4), e1003404.