

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

J. Craig Venter Institute

RRID:SCR_011269

Type: Tool

Proper Citation

J. Craig Venter Institute (RRID:SCR_011269)

Resource Information

URL: <http://www.jcvi.org/>

Proper Citation: J. Craig Venter Institute (RRID:SCR_011269)

Description: A large multidisciplinary world leader in genomic research with locations in Rockville, Maryland and San Diego, California. It was formed through the merger of several affiliated and legacy organizations - The Institute for Genomic Research (TIGR) and The Center for the Advancement of Genomics (TCAG), The J. Craig Venter Science Foundation, The Joint Technology Center, and the Institute for Biological Energy Alternatives (IBEA).

Abbreviations: JCVI

Resource Type: institution

Resource Name: J. Craig Venter Institute

Resource ID: SCR_011269

Alternate IDs: grid.469946.0, nlx_42542, Wikidata: Q1439786

Alternate URLs: <https://ror.org/049r1ts75>

Record Creation Time: 20220129T080303+0000

Record Last Update: 20260808T185929+0000

Ratings and Alerts

No rating or validation information has been found for J. Craig Venter Institute.

No alerts have been found for J. Craig Venter Institute.

Data and Source Information

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Chen D, et al. (2026) GSNOR is essential for nitric oxide homeostasis and involved in aflatoxin biosynthesis and pathogenicity in *Aspergillus flavus*. *Applied and environmental microbiology*, 92(1), e0140825.

Chongxia Z, et al. (2025) Clinical and functional characterization of a novel heterozygous mutation c.473T > A (p.Leu158Gln) in the SERPINC1 gene causing recurrent arteriovenous thrombophilia. *Thrombosis journal*, 23(1), 113.

Liu G, et al. (2025) From genome to gene expression: the genomic landscape of a hybrid species of *Eucalyptus urophylla* × *Eucalyptus grandis* and its divergence from parental species hybrid. *BMC plant biology*, 25(1), 1458.

Liu X, et al. (2024) Correlation between the gut microbiome and neurodegenerative diseases: a review of metagenomics evidence. *Neural regeneration research*, 19(4), 833.

Yang H, et al. (2024) Unraveling the metabolic potential of biocontrol fungi through omics data: a key to enhancing large-scale application strategies. *Acta biochimica et biophysica Sinica*, 56(6), 825.

Khan YN, et al. (2024) Whole exome sequencing enables the correct diagnosis of Frank-Ter Haar syndrome in a Saudi family. *Vavilovskii zhurnal genetiki i selektsii*, 28(3), 326.

Yang H, et al. (2024) High-quality assembly of the T2T genome for *Isodon rubescens* f. *lushanensis* reveals genomic structure variations between 2 typical forms of *Isodon rubescens*. *GigaScience*, 13.

Li X, et al. (2024) Genome-wide identification of starch phosphorylase gene family in *Rosa chinensis* and expression in response to abiotic stress. *Scientific reports*, 14(1), 13917.

Yao L, et al. (2023) PLP1 gene mutations cause spastic paraplegia type 2 in three families. *Annals of clinical and translational neurology*, 10(3), 328.

Pieri V, et al. (2023) Aberrant L-Fucose Accumulation and Increased Core Fucosylation Are Metabolic Liabilities in Mesenchymal Glioblastoma. *Cancer research*, 83(2), 195.

Wang L, et al. (2020) High Synteny and Sequence Identity between Genomes of *Nitrosococcus oceani* Strains Isolated from Different Oceanic Gyres Reveals Genome Economization and Autochthonous Clonal Evolution. *Microorganisms*, 8(5).

Rakshit D, et al. (2020) Functional Insights Into the Role of gppA in (p)ppGpp Metabolism of *Vibrio cholerae*. *Frontiers in microbiology*, 11, 564644.

- Chen J, et al. (2020) Cardio-facio-cutaneous syndrome-associated pathogenic MAP2K1 variants activate autophagy. *Gene*, 733, 144369.
- Bai JF, et al. (2019) Genomic identification and characterization of MYC family genes in wheat (*Triticum aestivum* L.). *BMC genomics*, 20(1), 1032.
- Han G, et al. (2019) Differential regulation of mycelial growth and aflatoxin biosynthesis by *Aspergillus flavus* under different temperatures as revealed by strand-specific RNA-Seq. *MicrobiologyOpen*, 8(10), e897.
- Penning BW, et al. (2019) Evolution of the Cell Wall Gene Families of Grasses. *Frontiers in plant science*, 10, 1205.
- Sacharow SJ, et al. (2018) Characterization of a novel variant in siblings with Asparagine Synthetase Deficiency. *Molecular genetics and metabolism*, 123(3), 317.
- Astrea G, et al. (2018) Broad phenotypic spectrum and genotype-phenotype correlations in GMPPB-related dystroglycanopathies: an Italian cross-sectional study. *Orphanet journal of rare diseases*, 13(1), 170.
- Singh D, et al. (2017) Insights of Lr28 mediated wheat leaf rust resistance: Transcriptomic approach. *Gene*, 637, 72.
- Castella C, et al. (2017) Post-translational modifications of *Medicago truncatula* glutathione peroxidase 1 induced by nitric oxide. *Nitric oxide : biology and chemistry*, 68, 125.