genes

IMPACT FACTOR 2.8

Indexed in: PubMed

CITESCORE 5.2

an Open Access Journal by MDPI

Tomato Genetics

Guest Editors:

Dr. Mathilde Causse
INRAE, Genetics and Breeding of Fruit and Vegetables Unit, Avignon, France

Dr. Antonio Granell
Department of Fruit Quality and Biotechnology, Instituto de Biología Molecular y Celular de Plantas (UPV-CSIC), Ingeniero Fausto Elio, s/n, 46022 Valencia, Spain

Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

Tomato is a model species for Solanaceae. Since 2012 and following the publication of the tomato genome reference sequence by a large scientific community, genomic resources rapidly increased. Today, the genomes of more than 1000 accessions have been resequenced, and a pan-genome study has allowed the discovery of new genes absent from the reference genome. The domestication of tomato has been deciphered. Many QTL have been mapped and several genes discovered, involved in fruit composition, plant architecture or disease resistances. In addition, tomato researchers have developed a plethora of tools and resources for advancing tomato genomics and gathered all this information in a few databases. In parallel, the new genome editing tools provide highly efficient ways to study and manipulate genes of interest.

For this Special Issue, we will present state-of-the-art work in tomato genetics and genomics, assembling the most recent advances in our field in one Special Issue.

mdpi.com/si/42778

GCAT
TACG
GCAT
genes

IMPACT FACTOR 2.8
Indexed in: PubMed
CITESCORE 5.2

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.
Journal Rank: JCR - Q2 (*Genetics and Heredity*) / CiteScore - Q2 (*Genetics (clinical)*)

Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/genes
genes@mdpi.com
𝕏@Genes_MDPI