

BIONANO GENOMICS SELECT PUBLICATIONS - GENOME ASSEMBLY

The Indian cobra reference genome and transcriptome enables comprehensive identification of venom toxins

NATURE GENETICS 2020

Suryamohan *et al.*

A high-quality apple genome assembly reveals the association of a retrotransposon and red fruit colour

NATURE COMMUNICATIONS 2019

Zhang *et al.*

Whole Genome Analyses of Chinese Population and De Novo Assembly of A Northern Han Genome

GENOMICS PROTEOMICS BIOINFORMATICS 2019

Du *et al.*

Construction and comparison of three reference-quality genome assemblies for soybean.

THE PLANT JOURNAL 2019

Valliyodan *et al.*

Haplotype-resolved genomes of geminivirus-resistant and geminivirus-susceptible African cassava cultivars

BMC BIOLOGY 2019

Kuon *et al.*

Improved Genome Sequence of Wild Emmer Wheat Zavitan with the Aid of Optical Maps

G3: GENES, GENOMES, GENETICS 2019

Zhu *et al.*

The Genome of C57BL/6J “Eve”, the Mother of the Laboratory Mouse Genome Reference Strain

G3: GENES, GENOMES, GENETICS 2019

Sarsani *et al.*

Reference Genome Sequences of Two Cultivated Allotetraploid Cottons, *Gossypium hirsutum* and *Gossypium barbadense*

NATURE GENETICS 2018

Wang *et al.*

SMRT Long Reads and Direct Label and Stain Optical Maps Allow the Generation of A High-Quality Genome Assembly for the European Barn Swallow (*Hirundo rustica rustica*)

GIGASCIENCE 2018

Formenti *et al.*

A Chromosome-scale Assembly of the Sorghum Genome Using Nanopore Sequencing and Optical Mapping

NATURE COMMUNICATIONS 2018

Deschamps *et al.*

Improved Reference Genome of *Aedes aegypti* Informs Arbovirus Vector Control

NATURE 2018

Matthews *et al.*

Genome Sequence of the Progenitor of Wheat A Subgenome *Triticum urartu*

NATURE 2018

Ling *et al.*

High-resolution Comparative Analysis of Great Ape Genomes

SCIENCE 2018

Kronenberg *et al.*

The Axolotl Genome and the Evolution of Key Tissue Formation Regulators

NATURE 2018

Nowoshilow *et al.*

Improved Maize Reference Genome with Single-molecule Technologies

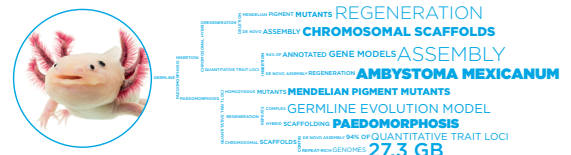
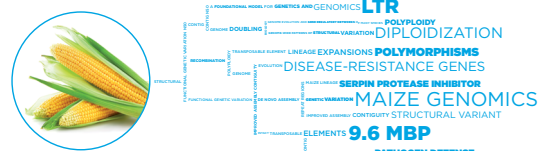
NATURE 2017

Jiao *et al.*

Single-molecule Sequencing and Chromatin Conformation Capture Enable De Novo Reference Assembly of the Domestic Goat Genome

NATURE GENETICS 2017

Bickhart *et al.*



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