BIONANO GENOMICS SELECT PUBLICATIONS — PLANT & ANIMAL

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

G3: GENES, GENOMES, GENETICS 2019
Zhu T et al.

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

BIORXIV 2019
Sarsani VK et al.

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

NATURE GENETICS 2018
Wang M 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 G et al.

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

NATURE COMMUNICATIONS 2018
Stephane Deschamps et al.

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

NATURE 2018
Matthews BJ et al.

CRISPR-bind: A Simple, Custom CRISPR/dCas9-mediated Labeling of Genomic DNA for Mapping in Nanochannel Arrays

BIORXIV 2018
Zhang D et al.

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

NATURE 2018
Ling H-Q et al.

High-resolution Comparative Analysis of Great Ape Genomes

SCIENCE 2018
Kronenber ZN et al.

The Axolotl Genome and the Evolution of Key Tissue Formation Regulators

NATURE 2018
Sergej Nowoshilow

Improved Maize Reference Genome with Single-molecule Technologies

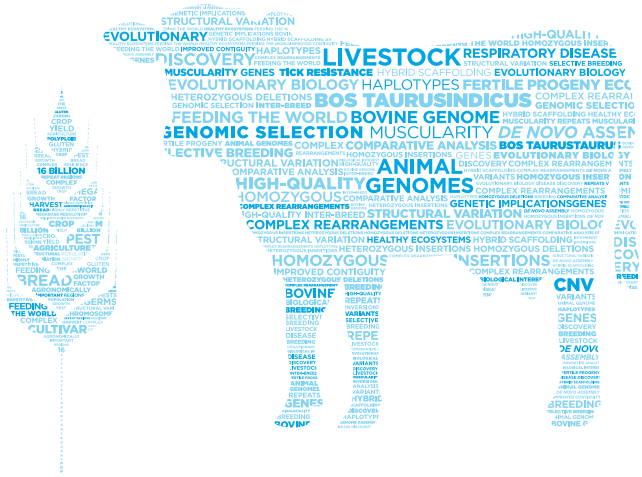
NATURE 2017
Jiao Y et al.

Combination of Short-read, Long-read, and Optical Mapping Assemblies Reveals Large-scale Tandem Repeat Arrays with Population Genetic Implications

GENOME RESEARCH 2017
Weissensteiner MH et al.

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

NATURE GENETICS 2017
Bickhart DM et al.



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