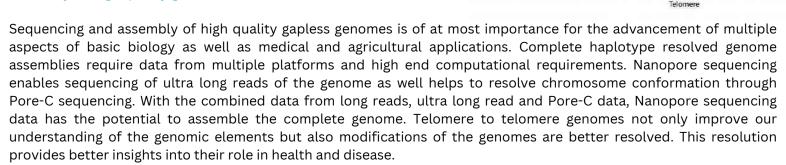


Telomere-to-Telomere Sequencing

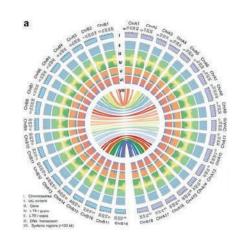
Unlocking the Genomic Mysteries

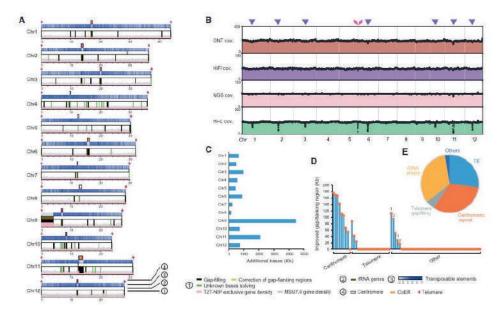
Assembly of High quality genomes:

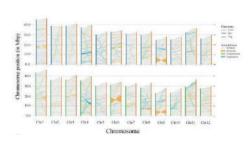


Advantages of Nanopore Long read Technology

- High quality gap free assemblies for genomes
- Resolution of repeats for CentC-rich and CentC-poor centromeres
- Information of clusters of paralogous genes
- Resolution of Transposable elements and segmental duplications
- Resolution of structural Variations and Complex Genomic Regions
- · Telomere Biology and Aging
- Better understanding of genomic regions and association to diseases.
- Improved molecular breeding and gene characterization in plants







Sequencing coverage and assembly validation of the T2T-NIP. Uniform whole-genome coverage of mapped HiFi, ONT, Hi-C, and Illumina reads is shown with primary alignments.



Genotypic Technology Pvt Ltd

#2/13, Balaji Complex, 80 ft Road, R.M.V Second Stage, Bengaluru-560094 India.

Follow us at

