

Clinical Application of Single Molecule Optical Mapping to A Multigeneration FSHD1 Pedigree

MOLECULAR GENETICS AND GENOMICS
MEDICINE 2019

Zhang Q et al.

A Tandem Duplication of *BRCA1* Exons 1-19 through *DHX8* Exon 2 in Four Families with Hereditary Breast and Ovarian Cancer Syndrome

BREAST CANCER RESEARCH AND TREATMENT 2018

Du C et al.

The 22q11 Low Copy Repeats are Characterized by Unprecedented Size and Structure Variability

BIORXIV 2018

Demaerel W et al.

An Integrative Framework for Detecting Structural Variations in Cancer Genomes

NATURE GENETICS 2018

Dixon J et al.

Structural Variation Detection and Analysis Using Bionano Optical Mapping

METHODS IN MOLECULAR BIOLOGY 2018

Chan S 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.

High-resolution Comparative Analysis of Great Ape Genomes

SCIENCE 2018

Kronenber ZN et al.

Optical Mapping Reveals a Higher Level of Genomic Architecture of Chained Fusions in Cancer

GENOME RESEARCH 2018

Chan EKF et al.

Single-molecule Optical Mapping Enables Accurate Molecular Diagnosis of Facioscapulohumeral Muscular Dystrophy (FSHD)

BIORXIV 2018

Dai Y et al.

Genome-Wide Identification of Early-Firing Human Replication Origins by Optical Replication Mapping

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Klein K et al.

Next-generation Mapping: A Novel Approach for Detection of Pathogenic Structural Variants with A Potential Utility in Clinical Diagnosis

GENOME MEDICINE 2017

Barseghyan H et al.

Next Generation Mapping Reveals Novel Large Genomic Rearrangements in Prostate Cancer

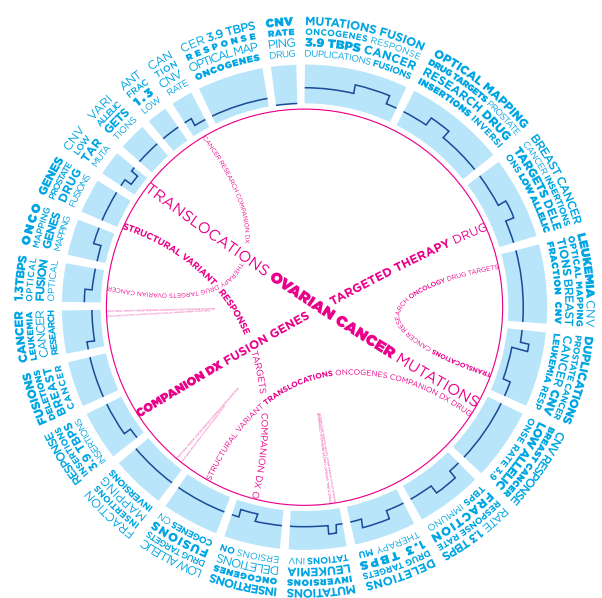
ONCOTARGET 2017

Jaratlerdsiri W et al.

De Novo Assembly and Phasing of a Korean Human Genome

NATURE 2016

Seo JS et al.



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