

# EpiSwitch™ Microarray

## Kit and Services

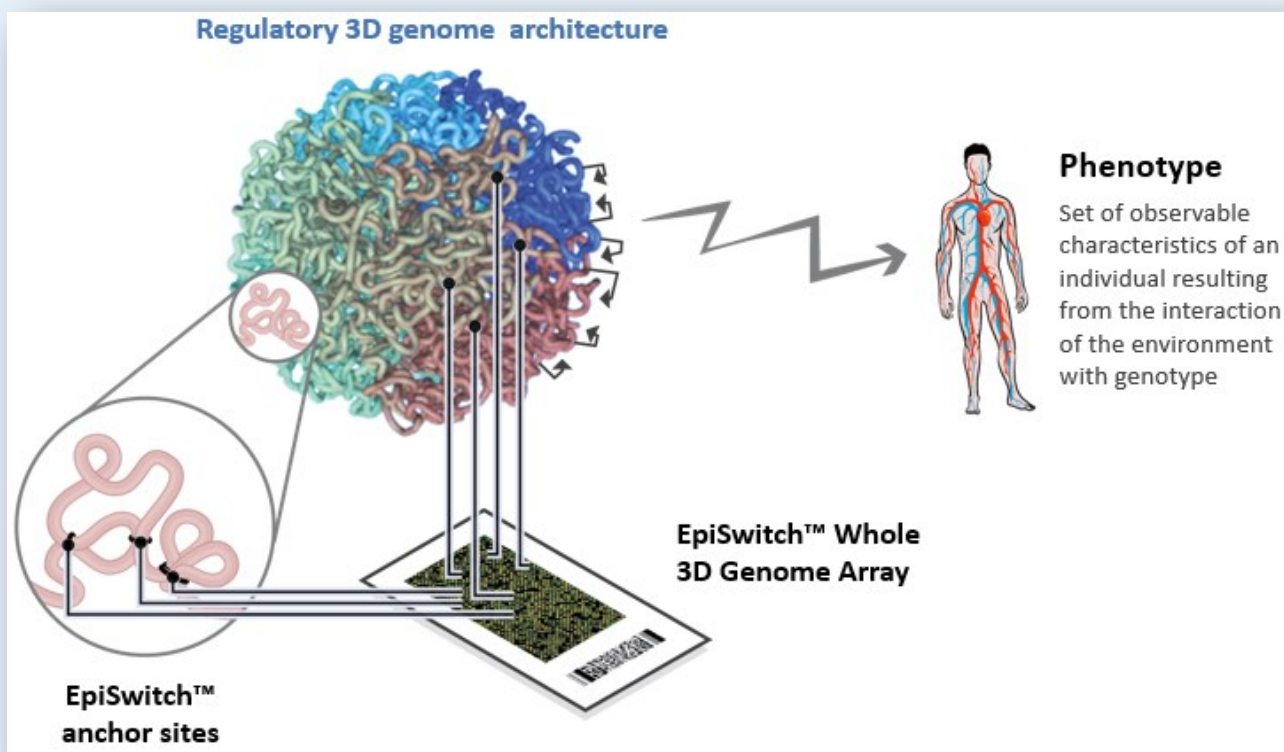
Enabling Actionable Insights into the 3D Genome



For Research Use Only. Not for use in diagnostic procedures.

# The 3D Genome with EpiSwitch™

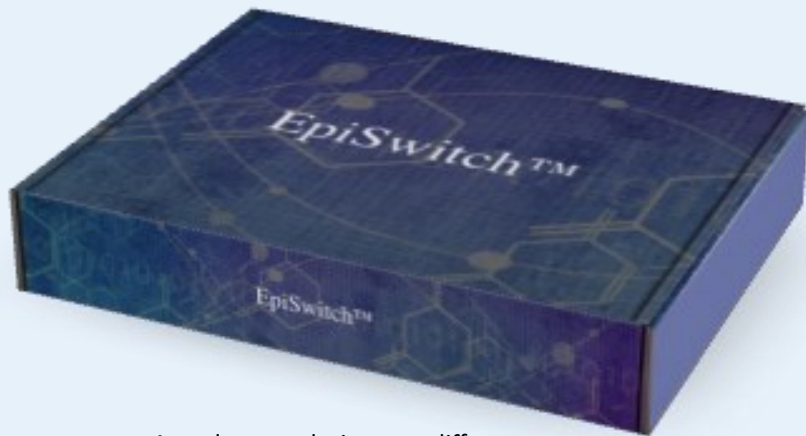
- ◇ Say goodbye to "genome walking" with traditional 3C.
- ◇ With the pre-existing knowledge built into the EpiSwitch™ technology platform we already know where to look so there is no need to "walk" along the genome as in traditional 3C experiments.
- ◇ Expanding this knowledge across the genome allows for the identification of the most likely chromosome conformations that may be biologically relevant for your model of interest.
- ◇ With the EpiSwitch™ Microarrays you can simultaneously investigate over 960,000 high confidence chromosome conformations across the genome using the optimized EpiSwitch™ 3C protocol.



# The EpiSwitch™ Microarray Services

## Available Now

- ◇ Simply order the service on the online shop, print out the order confirmation receipt and ship it alongside your samples to OBD's ISO certified reference facility in Oxford.
- ◇ The EpiSwitch™ Microarray products will initially be launching as an OBD in-house service in October, 2020.



Actual carton design may differ.

## The EpiSwitch™ Microarray Kit (Coming Soon)

- ◇ For laboratories with access to the required Agilent® equipment the Microarrays and EpiSwitch™ buffer system will be available as a kit.
- ◇ All EpiSwitch™ kit components are manufactured at our ISO:13485:2016 certified reference facility in Oxford.
- ◇ Our custom designed microarrays are manufactured by Agilent® to ensure manufacturer quality but are only available through the EpiSwitch™ array products.

# The EpiSwitch™ Advantage

## Cut through the noise

- ◇ Avoid genome walking and go directly to predicted high confidence chromosomes conformations for differential analysis in your phenotype/model of choice.

## Genome wide scope

- ◇ Avoid biasing your microarrays and analysis by using independent genome wide EpiSwitch™ annotations that are phenotype/disease agnostic.

## Quicker results

- ◇ 1 day library preparation with the EpiSwitch™ library preparation kit.
- ◇ 3 days array processing time – providing sample to results in as little as 4 days.

## Easier analytics

- ◇ Use the EpiSwitch™ analytical portals for easy, upfront analysis and contextual integrations. No coding or statistical knowledge required.

**Contact us to discuss your options:**

[enquiries@oxfordbiodynamics.com](mailto:enquiries@oxfordbiodynamics.com)

**+44 (0)1865 511 418**

Oxford Biodynamics  
First Floor, Building  
7600 C  
The Quorum  
Alec Issigonis Way  
Oxford Business Park North  
Oxford  
OX4 2JZ



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