

Applying Genomics in Agriculture

Hands on workshop series #2 (June 1-2, 2018)

Event Characterization of GMOs & CRISPR /Cas9 Modified plants

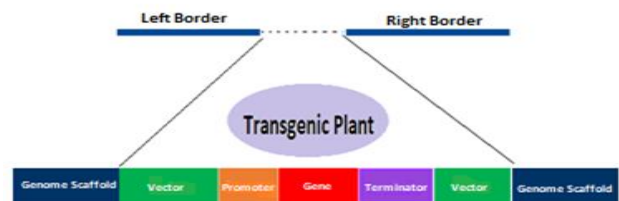
- Genomic DNA from GMO / CRISPR modified plants
- Option A: WGS of the genome
- Option B: Single primer Long Amplicons**
- 10KB+ Sequencing using Nanopore
- Genome informatics
- Identify the inserts and genomic locations of Events

Registration:

<http://www.qtlomics.com/events.php>

OR Email with Name, Position, Organization,
Phone # to keya.m@qtlomics.com

** Amplify with construct specific – single primers
 Pool long fragments
 ↓
 Library preparation
 ↓
 Nanopore sequencing
 ↓
 Events located

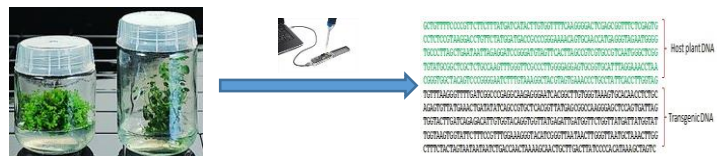


Day 1: June 1st

9:00 AM	Registration
9:30 AM	Introduction
10:00 AM	Library preparation
1:00 PM	Lunch
1:30 PM	Sequencer run starts
3:00 PM	Tea and Discussion
5:00 PM	Sequencing Run statistics

Day 2: June 2nd

9:00 AM	Stop Run & raw data QC
10:00 AM	Data Analysis and discussion
1:00 PM	Lunch
2:00 PM	Q&A



Registration fees:

INR. 5000 (+GST)/participant. Pay by cash/bank transfer. Characterise inserts in your sample : **INR. 25000 (+GST)**

This workshop is specially organised for SEED companies, agro-biotech companies and Agricultural and horticulture institutions.

Genomics services by Nanopore and other NGS technologies can be availed from QTLomics*

* Nanopore sequencer can be purchased from QTLomics (sub distributor) through Genotypic the official Distributor in India



QTLomics Technologies (P) Ltd
 #2/5, 1st Floor, Dhaliya Building, 80 Feet Road, Poojari Layout, RMV 2nd Stage,
 Bangalore – 560094, INDIA. Phone: +91 6361531573; Email: contact@qtlomics.com Website: www.qtlomics.com