

The Georgia Genomics Facility Seminar Series

Agilent Technologies

Target Enrichment for NGS

The Measure of Confidence

Agilent SureSelect and HaloPlex Target Enrichment

Target enrichment applications utilizing next-generation sequencers are powerful genetic tools to enable rapid discovery of SNPs, InDels and fusion transcripts etc in a focused set of genes, exons and/or genomic regions. They are also emerging molecular diagnostic tools to screen known mutations and identify novel mutations in genetic diseases including cancer. With over 300 publications citing our SureSelect and HaloPlex Technologies, Agilent Technologies is the leading provider for target enrichment applications with the broadest product portfolio in both basic and clinical fields.

- Hybridization-based SureSelect system and PCR/probe hybrid HaloPlex allows capture of target regions from 1 kb to 100 Mb
- Custom and ready-to-use DNA and RNA target enrichment kits: Exome, Kinome, RNA-Kinome and Methylation
- Catalog panels – Cancer, Cardiomyopathy, Arrhythmia, Noonan syndrome, Connective tissue disorder, X-Chrm, ICCG
- Products for all next generation sequencing platforms: Illumina HiSeq and MiSeq; SOLiD 5500, Ion Torrent PGM and Proton; 454; PacBio
- Up to 96 indexes to maximize sequencing efficiency
- Complete solutions from library construction to data analysis
- Stranded RNA Library prep kits

DATE:

Tuesday Sept. 10th

TIME:

3pm-4:45pm

LOCATION:

S175 Coverdell building

SPEAKER:

Matt Angel. – Product Specialist

Refreshments will be served



Agilent Technologies