

A comprehensive view of the transcriptome



Next-generation gene expression and data analysis workshop

Wednesday, February 5, 2014

10:00 AM–3:00 PM

Case Western University – Wolstein Research Bldg

Hosted by Gene Expression and Genotyping Facility

RSVP(lunch) by January 31 to susan_vigilante@affymetrix.com

Wolstein Auditorium – 1st Floor – Room 1413

10:00–11:00 AM: GeneChip® Human Transcriptome Array 2.0 overview

- Exon- and gene-level differential expression
- Alternative splicing
- Includes long non-coding content
- Array or NGS?

11:00–11:30 AM: Sample preparation and reagents

Wolstein - Room 3-136

11:30–12:00 PM: Lunch (provided)

12:00–2:00 PM: Affymetrix® Transcriptome Analysis Console (TAC) Software

- Introduction to Expression Console and TAC
- Data analysis and visualization of alternative splicing events
- Analysis of differentially expressed genes and exons

2:00–3:00pm: Question and Answer session