

Digital RNAseq for Gene Expression Analysis



Count unique transcripts not PCR duplicates

Sam Rulli, Jr., Ph.D
Global Product Manager at QIAGEN

Date: Wednesday September 21, 2016
Time: 11:00 AM
Location: TMDT 4-204

pre-registration is requested
Please RSVP to Jeff Johnston, jeff.johnston@qiagen.com

QIAseq Targeted RNA Panels are a revolutionary solution for gene expression analysis using digital RNA-sequencing on illumina and Life-Technologies NGS platforms. From 12 to 1000 genes in 2 to 96 samples; QIAseq Targeted RNA Panels deliver precise gene expression results using a simplified library construction strategy. A novel technology improvement in QIAGEN's QIAseq Targeted RNA panels is the random molecular bar-coding strategy which removes library construction bias and allows for improved data analysis and sequencing optimization. The data from digital RNA-sequencing experiments is directly comparable to expression analysis derived from whole transcriptome sequencing and qPCR, but with increased precision and accuracy. This seminar will describe the principles of digital RNAsequencing and review the features and benefits of the QIAseq Targeted RNA Panels & integrated data analysis packages. Come and learn how QIAGEN's sample to insight workflows brings gene expression to any bench-top NGS instrument.

Hosted by the Princess Margaret Genomics Centre

Sample to Insight

