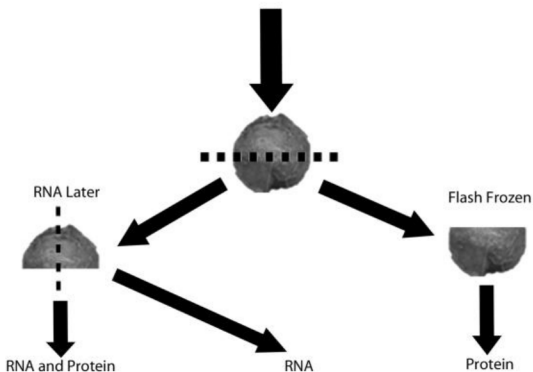


A

Normal or Tumor sample



Method 1

Simultaneous extraction of  
RNA and protein from the  
same tissue portion

Method 2

RNA and protein extraction from two different  
tissue portions

B

## Method 1 vs. Method 2

Analysis Level 1

Transcriptomics

- DE genes (Tumor/Normal)
- Significant

Proteomics

- DE genes (Tumor/Normal)
- Significant

Analysis Level 2

Integrated Analysis

- RNA-Protein correlation
- Concordant DE genes & DE proteins
- Significant Pathways