165 Residual Clinical FFPE Tumors
- 6 different tumor types
- 3 distinct collection cohorts

Preanalytical Sample Characterization
- Isolate DNA
- Measure concentration by spectrophotometry

Targeted NGS

Qubit dsDNA HS assay
- DNA concentration relative to intact DNA control

QFI-PCR
- Quantitative Functional Index (QFI)

NGS Titration Study
- Variant detection; confirm QFI thresholds

Ion AmpliSeq Cancer Panel (44 FFPE)
- Variant detection

Internal 16 Gene Cancer Panel (44 FFPE)
- Orthogonal PCR enrichment and variant confirmation

Variant detection; confirm QFI thresholds

Preanalytical Sample Characterization

Orthogonal PCR enrichment and variant confirmation