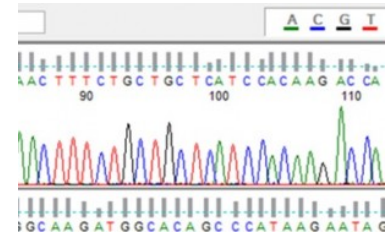
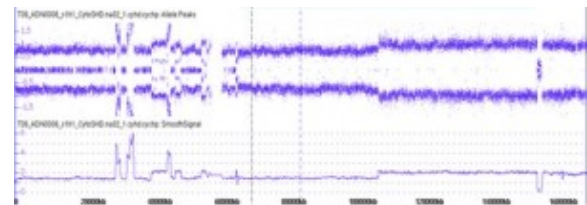


Targeted genomic analysis



- Short tandem repeat sequencing (STR)
- Hotspot mutation screening
- SNP analysis based on Affymetrix microarrays or by Nanostring multiplexing

Genome wide analysis

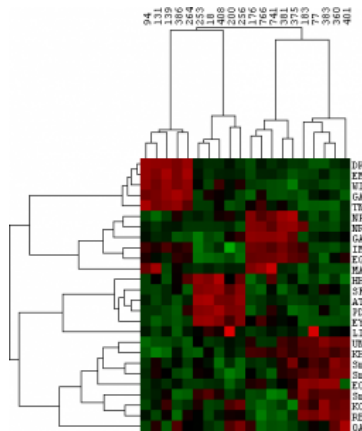


- Genomic analysis of fresh/frozen samples using Affymetrix microarrays (Cytoscan, etc.)
- Genomic analysis of FFPE/low integrity samples using Affymetrix microarrays (Oncoscan, etc.)
- High Throughput genotyping analysis using Termofisher APMRA technology (Axiom Precision Medicine Research Arrays)

Targeted transcriptomic analysis

- using Nanostring multiplexing (12 t- 800 markers)
- using quantitative PCR technics

Genome wide transcriptomic analysis



- using Affymetrix microarrays to analyze coding and non coding RNAs

Gene expression regulation analysis

- Analysis of microRNA using Affymetrix microarrays or Nanostring codesets
- DNA methylation analysis using targeted approaches (HRM) or NGS approaches (preparation of WGBS, OxBS libraries)