

# Oncomine Comprehensive Assay Plus

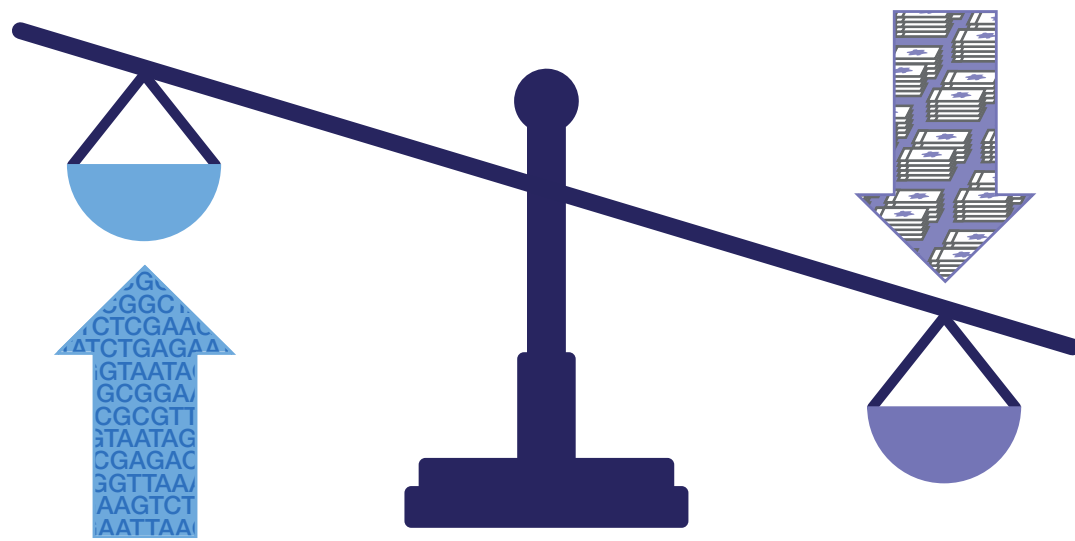
Truly comprehensive genomic profiling without compromises

Comprehensive genomic profiling (CGP) is advancing precision oncology research through the analysis of multiple relevant biomarkers in a single next-generation sequencing (NGS) test. Current CGP solutions are hindered by technology limitations such as large sample input volumes, >25% sequencing failure rates, long turnaround times, and complex workflows with bioinformatics challenges. The Ion Torrent™ Oncomine™ Comprehensive Assay Plus provides CGP without these sacrifices.

## Existing tools are limited

### Increasing need for genomic data

Growing amount of data generated by comprehensive genomic profiling is driving precision oncology research

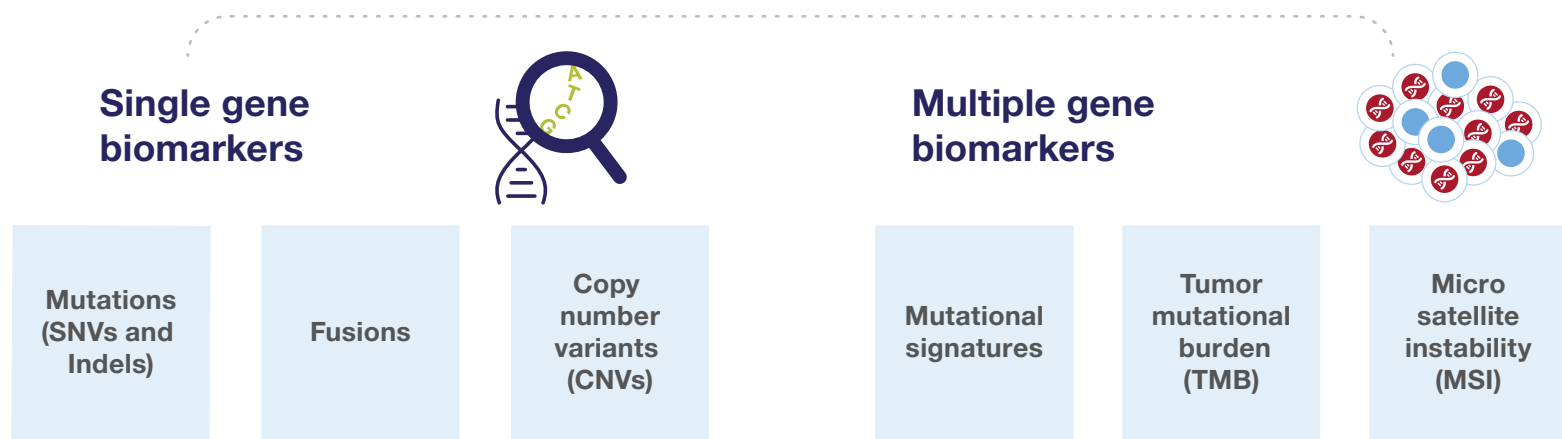


### Limits and compromises

Need for large amount of sample to be analyzed; complex, labor-intensive workflows and high sequencing failure rates (>25%)

## Oncomine Comprehensive Assay Plus

From one sample, in one assay run, you can deliver truly comprehensive genomic profiling based on DNA and RNA analysis of >500 genes...



...without having to compromise on:

**20 ng** **Input requirements**

Low FFPE sample inputs of 20 ng DNA or RNA are sufficient for profiling over 500 genes with fewer failed results

**>95%** **Testing success**

Low QNS and high sequencing success rates of >95% means more samples are successfully tested

**Bioinformatics solution**

A streamlined bioinformatics analysis pipeline is optimized for the Oncomine Comprehensive Assay Plus and packaged in a user-friendly experience