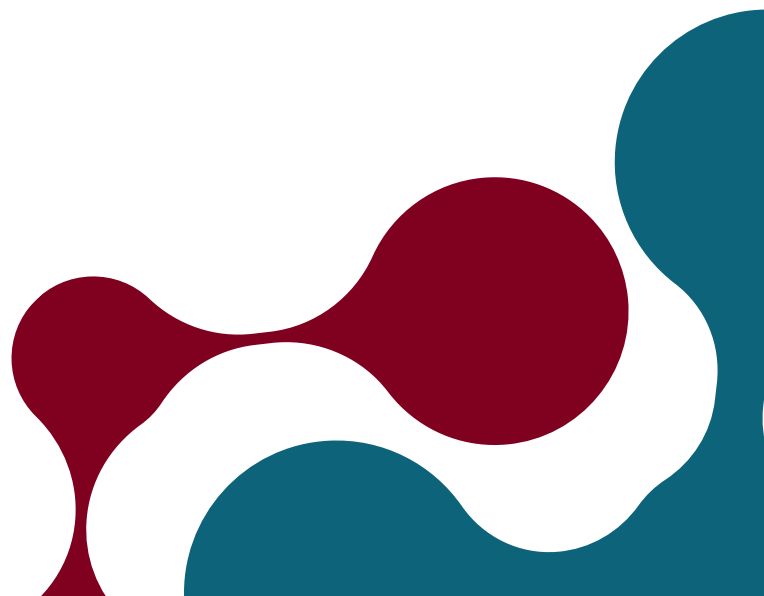




5. SPECIALIZED SERVICES



5.1 DETECTION OF SPECIFIC MUTATIONS

Individual detection of specific mutations allows for greater diagnostic flexibility and can be extremely useful in cases where a previously suspected or known point mutation needs to be confirmed, or when the clinical context requires a more targeted approach.

Thanks to our advanced sequencing technologies, real-time and digital PCR, and other molecular methodologies, we offer highly sensitive and specific mutation detection in a variety of cancer types, both in tissue biopsies and liquid biopsies. This allows for accurate and personalized characterization of the tumor's genomic profile.

5.2 DETECTION OF GENOMIC INSTABILITY

We identify key markers of genomic instability, such as microsatellite instability (MSI) and tumor mutational burden (TMB), which are fundamental indicators of a tumor's ability to mutate and evolve.

Through comprehensive reports, Oncodynamics translates the complex dynamics of cancer into clear, actionable information, providing oncologists with a holistic view of the molecular, genomic, metabolic, and tumor microenvironment profile.

