



Applied Genomics Services Section Front Page

? The use of genetic information to diagnose, prognosticate and manage disease, based on the techniques of PCR, real time-PCR, DNA sequencing, and gene rearrangement studies for leukemia and lymphoma. the singular and combined utilization of the modern molecular research tools transcriptomics, proteomics, and metabolomics to elucidate cellular regulatory mechanisms of sensing and signalling, metabolic flux and physiology. Mathematical tools are indispensable to analyze, interpret and model the experimental data in combined approaches. Data handling and bioinformatics are key to the successful application of Applied Genomics