

# Cannabis sativa target capture kit for exon sequencing, genotyping, and marker discovery

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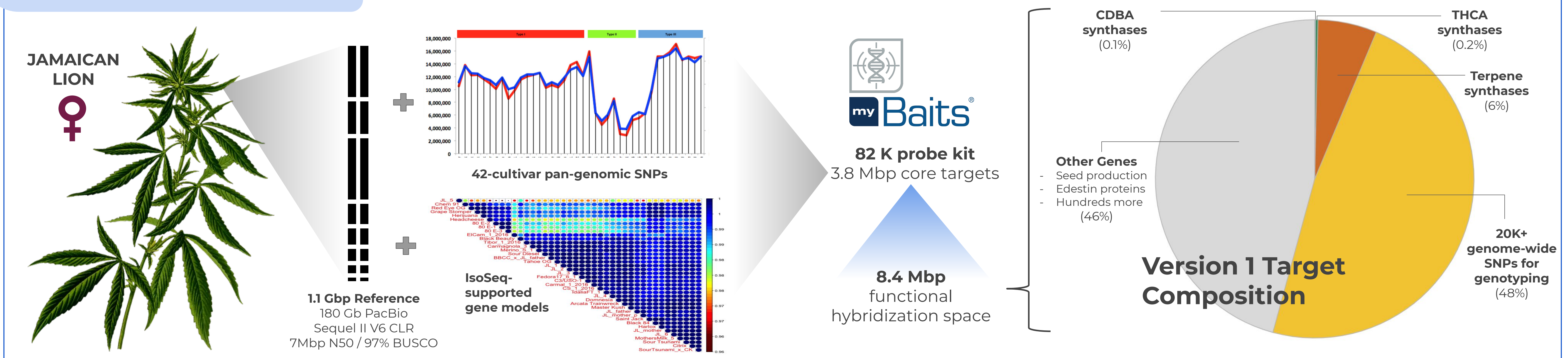
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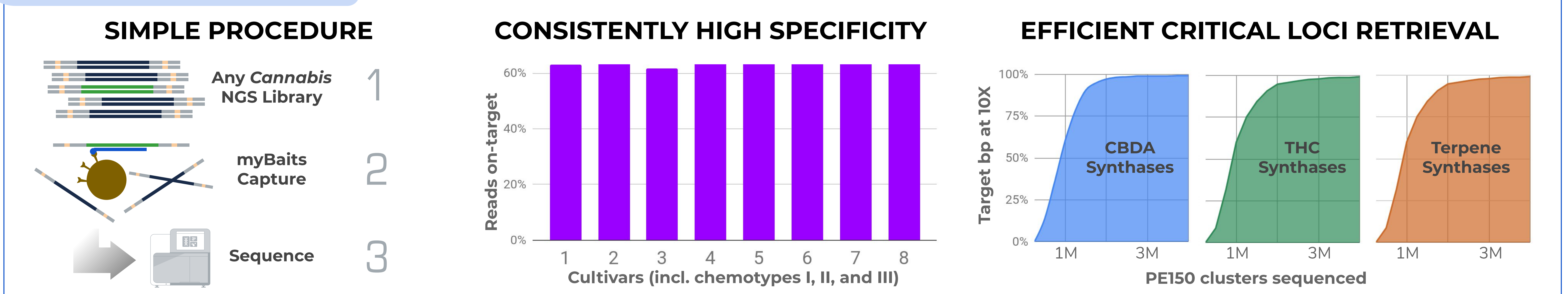
Second- and third-generation sequencing technologies have recently been leveraged to resolve genomes of a variety of cannabis cultivars. Using this tremendous resource, Medicinal Genomics Corporation (MGC) and Arbor Biosciences have partnered to develop a new hybridization capture panel for comprehensive, routine sequencing of key cannabis genomic loci. Comprising **8.4 Mbp total target space**, the kit consistently retrieves not only **tens of thousands of SNP markers** for high resolution genotyping, but also regions involved in cannabinoid and terpene synthesis, as well as edestin and seed production. The co-branded panel will be available as a kit from MGC for the global cannabis breeding market, and from Arbor Bio for the global hemp research market. This cost-effective sequencing tool enables researchers to better understand genetic pathways responsible for favored traits, and empowers growers, dispensaries and testing laboratories to ensure that patients and consumers have access to safe, quality cannabis.



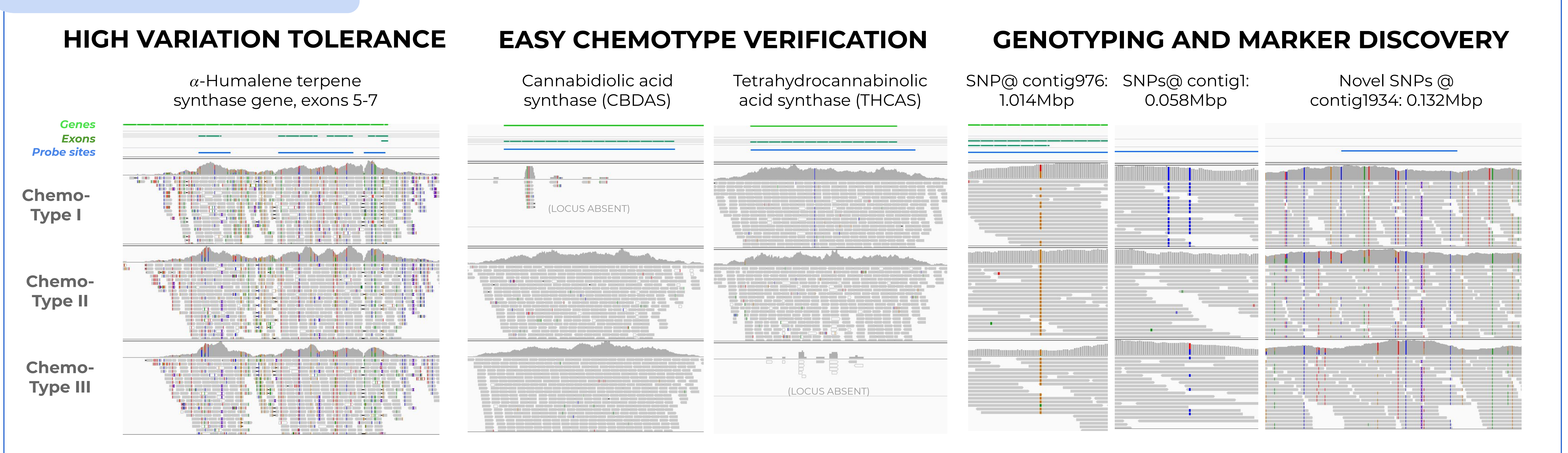
## COMPOSITION



## PERFORMANCE



## VERSATILITY



Medicinal Genomics Corporation (MGC) is a pioneer in advancing the genomics of cannabis to build a stronger scientific foundation for cannabis-based products. The company's unmatched expertise in genetic science helps cultivators, dispensaries and testing laboratories characterize and understand the quality and consistency of cannabis to ensure patients and consumers access to consistently safe, high quality cannabis. To support this work, Medicinal Genomics also produces CannMed, a gathering of cannabis leaders, dedicated to furthering the state of the art in medicinal cannabis, and Kannapedia, the world's most complete public cannabis strain database. For more info, please visit [www.medicinalgenomics.com](http://www.medicinalgenomics.com).

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