PacBio Compatible

PARTNERSHIPS TO POWER YOUR ONSO™ SYSTEM

The PacBio® Compatible program provides seamless integration of industry-leading tools into the short-read sequencing by binding (SBB™) workflow on the Onso™ platform.

Agilent

Powered by *SureSelect Custom DNA* target enrichment probes, the Agilent *SureSelect Comprehensive Cancer* panel enables deep molecular profiling of cancers and allows you to confidently identify disease-associated variants in combination with SBB technology.

10x GENOMICS

10x *Chromium Single Cell Gene Expression* provides single-cell transcriptome 3' gene expression and multiomic profiling of tens of thousands of cells with the Onso system. Exceptional SBB accuracy, combined with the ability to characterize complex processes at single-cell resolution, expands the potential to investigate cellular processes across multiple dimensions.

Sentieon

The *TNscope* and *TNseq* pipelines provide somatic variant calling of SNPs and small indels, while the *DNAscope* algorithm for local assembly enables variant genotyping and filtering to obtain even higher accuracy. These tools from Sentieon extend the remarkable accuracy of the Onso system to variant calling software so that you can optimize your scope of biological discovery.

QIAGEN

***QIAseq* targeted DNA library prep and analysis solutions**, combined with the extraordinary sensitivity of the Onso system, enable reliable detection of variants and instill the highest confidence in your genomic discoveries. QIAGEN offers *Sample to Insight* targeted sequencing workflows for the Onso system, including automated sample prep, library prep, and data analysis.

TWIST BIOSCIENCE

The *MRD Rapid 500* panel harnesses the sensitivity of the Onso system to detect ctDNA biomarkers from minimal residual disease (MRD) of remaining cancer cells following therapeutic treatment. Twist's double-stranded DNA probes for enhanced sensitivity and an improved target enrichment protocol reduce off-target rates.

Google Health

***DeepVariant* by Google Health provides analysis to retrieve SNPs and small indels** with high accuracy from germline data generated by the Onso system. *DeepVariant* is a deep learning-based variant caller that takes aligned reads and reports results in a standard format for diploid organisms.

Library prep compatibility

The Onso library conversion kit allows for any standard library to be easily converted to a library compatible with the Onso system. PCR conditions have been optimized to maintain library fidelity during the conversion process.

Interested in the PacBio Compatible program? Visit **pacb.com/compatible**

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