The Ultimate Solution for Genomic Analysis

Cubic Station

Unlock the potential of your genomic data with the power of Bioinformatics

ZINEXTS × Cubic Genomics

Cubic Genome Analysis Application

DNA
RNA
qPCR
Microbiota

Streamline analysis with no bottlenecks
Perform multiple analyses sequentially with the time-efficient ability to run data offline

Full customization
Design personalized unique analytic application protocols

Lightweight design
Enjoy effortless operation with a compact and portable workstation

User-friendly interaction
Experience an intuitive interface for any research and clinical applications

Intelligent carrier for a wide range of applications
Optimize NGS analysis, qPCR analysis, Microbiota, and many more

Solution for Analysis from Sample to Result

Extraction & qPCR | **Sequencing** | **Analysis**

Applications

Cancer Panel	Microbiota	Genomic Research
Breast Cancer Genetic Test (BRCA)	Microbial Identification	Genome Sequencing
Pan-Cancer Panel	Probiotics Profiling	Transcriptome Sequencing
		Microbiome Sequencing

Specifications & Support Format

Cubic comes preloaded with popular bioinformatics tools, supports multiple data formats, and allows developers to build and package workflows for system integration

Specifications					
Wireless	Wi-Fi 6 (802.11ax) / Bluetooth 5.2 (Dual band) 2*2				
RMA	64GB DDR4 U-DIMM (MAX:128GB)				
Storage	8TB SATA 7200RPM 3.5"" HDD / 1TB M.2 NVMe PCIe 3.0 SSD				
Platform	**Input format**		**SNV/Indel**	**CNV**	**Microbe**
Illumina	.fastq	Text-based format for storing sequences and quality scores	●	●	●
	.vcf	Vcf files from GATK/Dragen	●		
Thermo Fisher	.vcf	Vcf files from Torrent server	●		
Oxford Nanopore	.fastq	Text-based format for storing sequences and quality scores			●
	.bam	Binary format for storing sequences and quality scores			
PacBio	.fastq	Text-based format for storing sequences and quality scores			●

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