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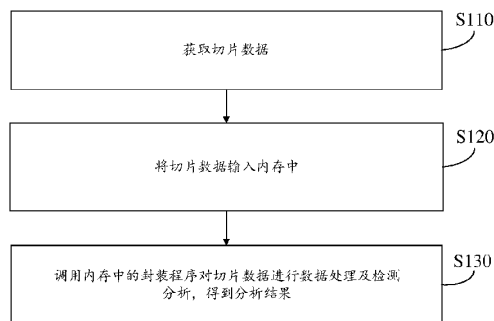
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(54) Title: GENE SEQUENCING ANALYSIS METHOD AND APPARATUS, AND STORAGE MEDIUM AND COMPUTER DEVICE

(54) 发明名称: 基因测序分析方法、装置、存储介质和计算机设备



S110 Acquire slice data
S120 Input the slice data into a memory
S130 Call an encapsulation program from the memory to perform data processing, detection and analysis on the slice data, so as to obtain an analysis result

图 1

(57) Abstract: A gene sequencing analysis method and apparatus, and a storage medium and a computer device. The method comprises: firstly, performing slicing processing on a short sequence which is transmitted from a sequencing platform in real time, so as to obtain corresponding slice processing; and then inputting slice data into a memory, so as to call a pre-loaded encapsulation program from the memory to perform bioinformatic analysis on the slice data, so as to obtain a corresponding analysis result. During the process, there is no need to wait for a sequencing platform to fully complete sequencing and then transmit an entire sequencing result to a corresponding platform for processing and analysis, slice data sequenced by the sequencing platform is acquired in real time, and streaming sequencing and analysis are performed on the slice data, such that the sequencing and analysis processes can be accelerated as a whole; and the data during analysis is slice data, such that the slice data has faster transmission speed and less time consumption relative to the entire sequencing result.

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本国际公布:

— 包括国际检索报告 (条约第21条(3))。

(57) 摘要: 基因测序分析方法、装置、存储介质和计算机设备, 首先将测序平台实时传入的短序列进行分切片处理后得到对应的切片处理, 然后将切片数据输入内存中, 以便调用内存中预先加载的封装程序对切片数据进行生信分析, 得到对应的分析结果; 该过程无需等待测序平台完全测序完毕后将整个测序结果传输至对应平台进行处理分析, 而是实时获取测序平台测序后的切片数据, 对切片数据进行流式测序及分析, 因而能够从整体上加快测序与分析的进程, 且分析时的数据为切片数据, 该切片数据相对于整个测序结果而言, 传输速度更快, 耗时更短。