NANOCHANNEL ARRAYS AND THEIR PREPARATION AND USE FOR HIGH THROUGHPUT MACROMOLECULAR ANALYSIS

ABSTRACT

Nanochannel arrays that enable high-throughput macromolecular analysis are disclosed. Also disclosed are methods of preparing nanochannel arrays and nanofluidic chips. Methods of analysing macromolecules, such as entire strands of genomic DNA, are also disclosed, as well as systems for carrying out these method.

Figure 9