

## RAPID CAPTURE OF DNA TARGETS

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The Rapid Capture of  
DNA Targets Technology,  
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The goal of many projects involving molecular biology is to isolate a specific nucleic acid target that may lie within a very large genome.

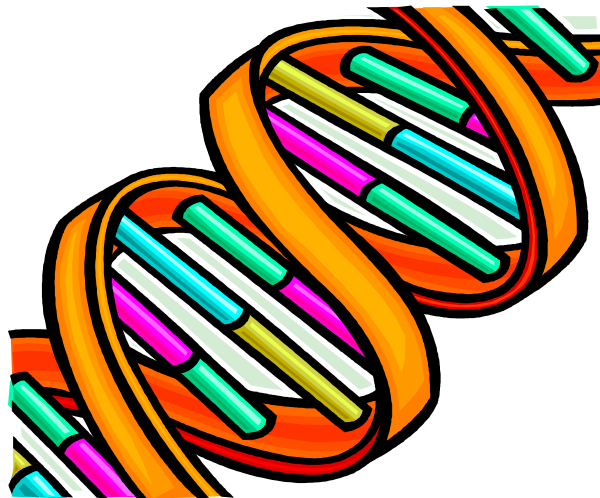
This target might be:

- a certain gene that causes cancer
- an area that controls the activity of an adjacent gene
- regions of the DNA that help to make individual identifications through “DNA fingerprints”
- an RNA transcript of a particular gene.

Such nucleic acid targets are typically pursued by biotechnology companies and academic research laboratories.

This technology is a method to isolate specific nucleic acid targets from complex uncharacterized genomes.

Specificity can be easily adapted to any target for which partial sequence is known.



## BENEFITS OF RAPID CAPTURE OF DNA TARGETS

Facilitates rapid and specific isolation of nucleic acid targets and their flanking sequences from a wide variety of genomes.

Eliminates the tedious and unpredictable process of library screening.

Decreases the time involved in specific nucleic acid isolations from months to days.

Allows for the isolation of microsatellites, transposable elements, coding regions, non-coding regions, unique sequences and repetitive sequences.