

Senior Secondary Biology

Topic: GENETICS- DNA Fingerprinting

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Drag and Drop Exercise

Dear Student

Steps involved in DNA Fingerprinting is to be studied here. Please note that the sequence shown below has been altered. You are to arrange the steps in proper sequence by drag and drop method. Enjoy the game and evaluate your understanding. Happy joyful learning.

Step -1 **Step-2** **Step-3** **Step-4**

Step-5 **Step-6**

Drag the labels 1-6 into the boxes against the statements to make a correct sequence.

Statements	Drop in this column
Separation of DNA fragments by electrophoresis	
Hybridization using labelled VNTR probes	
Isolation of DNA	
Blotting of separated DNA fragments onto membrane (eg Nitrocellulose)	
Detection of hybridized DNA fragments by autoradiography	
Digestion of DNA by Restriction Enzyme	