Continuity and Diversity Free Response

 Notebook:
 [aNote] BHS AV / Tech

 Created:
 4/18/2011 9:37 PM

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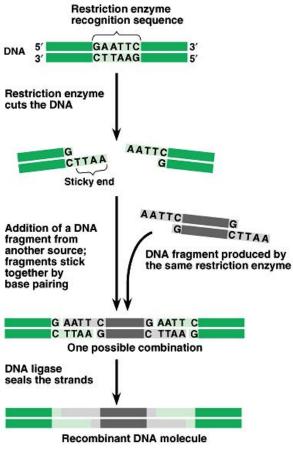
Cont. and Divers. 2002

The human genome illustrates both continuity and change.

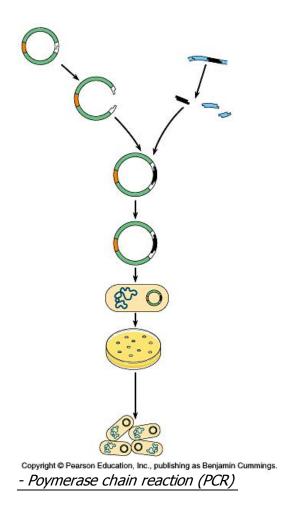
(a)

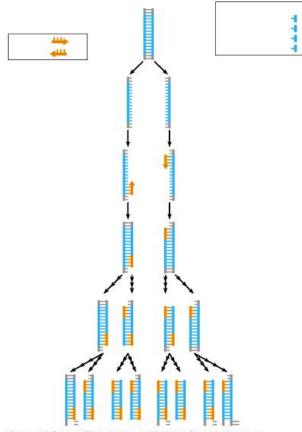
Describe the essential features of two of the procedures/techniques below. For each of the procedures/ techniques you describe, explain how its application contributes to understanding genetics.

- The use of a bacterial plasmid to clone and sequence a human gene

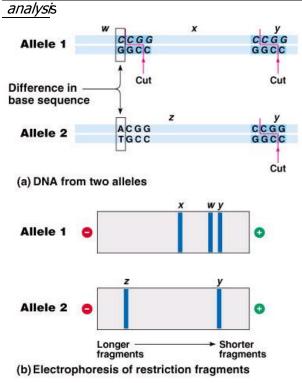


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Copyright © Pearson Education, Inc., publishing as Benjamin Cummings. - a Restriction fragment length polymorphism (RFLP)



(c) Completed gel

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(b)

All humans are nearly identical genetically in coding sequences and have many proteins that are

identical in structure and function. Nevertheless, each human has a unique DNA fingerprint Explain

this apparent contradiction.