



- d) What is the role of DNA-protein kinase?
- e) What is the role of Artemis?
- f) What is the role of the terminal deoxynucleotide transferase?
- g) What is the role of the ligase?
- h) What proteins make up the V(D)J recombinase?
- i) What is the structure of the excised portion of the gene after cleavage by the endonuclease? After ligation?
- j) How are the 2 gene segments brought together?

4. How does this process generate diversity?

5. What other mechanisms contribute to diversity in antibodies?

6. How do you suppose the multiple gene segments arose during evolution?