

Bio 111 Pre-Lab for Lab #10: Name _____
Im9 I TA & Sect. _____

1) Go to the On-Line Lab Manual and click on the link for the structure of the Im9 protein and use the information there to help you answer the following two questions. You may find it useful to watch the short video on the On-Line Lab Manual that shows how to use the Im9 web page. (5 pts each)

a) Design a single amino acid change or deletion mutation that you think will not likely have any effect on the function of the Im9 protein and explain briefly why you think the change will have no effect.

Original amino acid number _____

Original amino acid _____

Explanation:

New amino acid _____

b) Design a single amino acid change or deletion mutation that you think will likely have an effect on the function of the Im9 protein and explain briefly why you think the change will likely have an effect.

Original amino acid number _____

Original amino acid _____

Explanation:

New amino acid _____

