

AIDS and Other Human Diseases
Intd 219
9/16/03

Name _____

1. From the following sequence of nucleotides in DNA, write the sequence of nucleotides that would be transcribed into mRNA. Then write the sequence of amino acids that would be translated using the codon table on the back of this paper.

5' A T G G G A C A T 3'
3' T A C C C T G T A 5'

2. Calculate the prevalence of HIV/AIDS in Thailand, Malaysia, and India and determine which country has the highest prevalence rate of HIV/AIDS.