## BIOINFORMATICS EXCERCISES

11/03/22 EXCERCISE 4 # reads so that we have 95% cor. ? G= 5 Nb L. 200 bp K= 200 bp  $P(x>0) = 1 - e^{-\lambda} = 0.35$   $\lambda = \frac{n_b}{G} \cdot \frac{v \cdot L}{G} = \frac{N \cdot 200}{5 \cdot 10^6}$ EXERCISE 3 ACGT TA CG TA GG TT CA GT AT C AC GT \ TACG CGTTI GT TA ACGT CGTT GTTA TTAL TTACY TA CG \ (ATC) ACG T \ 4411 CG TA \ GTAGI TA GG 1

AGTA AGGTY GG 77 \ GIT C CAGT TT CA V TCA G CA 47 .

TATC

AGT A

GT AT