Week 14 Annotation

Monday, 18 April 2022 8:40 AM

(1) Computation phase

by quotions are identified
by ab initio or evidence based

annotation phase

by apr theirze annotation

computation phase

annotation phase

computation phase

annotation

by apr theirze annotation

STEPI Repeat identification. 4 tours perons, LINES, SINES, vinal segs Ly Repeat Masker & STEP 2 Evidence alignment J eg! RNA seg. aligned to assembly eg.2. ab initio gene prediction (eq. motifs > AUG (htant),

TATAA boxes, etc). uni proof KB, Swissproof, PDB. (risking genes to proteins) Visualization (govorné bransers)

VITERBI ALGORITHM

to pide bust 'nesst' step, compute the highest probability

Vk(i) = prob- of the most probable path ending in stare k with observ synnol i

then $v_{i}(i+1) = e_{l}(x_{i}+1) \max_{i} (v_{k}(i) a_{kl})$

Prob. of observery of b = 1 Lim it state. $V(6,5) = e(6) \max_{1 \le 3,4} (V(3,4))$ $V(6,5) = e(6) \max_{1 \le 3,4} (V(3,4))$

Fair coin