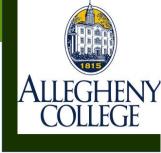
Bioinformatics CS300 Exam 3

Fall 2017 Oliver Bonham-Carter

On Exam 3



- Thursday, 30th November 2017
- Gene prediction algorithms
 - Qualities and applications for each
- Prokaryote / Eukaryote gene structure general differences
- Intron and Exon structures, differences and similarities
- Codon usage across organisms
- CpG Islands
- GCPlot coding concepts
- Protein folding concepts
- Jmol
- Website major tools and applications
 - Protein Data Bank: www.rcsb.org
 - String data base: string-db.org
 - UniProt: www.uniprot.org