#flo #inclass

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1 | **Bio informatics!**

guinea pig time

1.1 | **bio overview**

about genomic information transfer and also, viruses!

recall: exons, introns, coding regions, non-coding regions, all that good stuff it's hard to find these exons and introns! not obvious also the concept of `consensus sequence`

real world gene time! :: 11k base pairs for a single gene in what is considered a simply organism worm genes are defined as `##-L` good test cases, as well documented! poor c elegans tho.. (but who cares, they are worms.)

c elegans advantage: - dvides quickly - has a development map (knows where each section leads to in the development) - and also, available? i mean, they're worms man

1.2 | **some ideas**

- ml to identify certain aspects of base pair sequences? exrons/introns, etc → different protein versions from one gene, called transcripts. this is done with diff combinations of exrons - the ones that appear are experimentally verified

- semantic similarity graph? some time of fdg?

- some type of word vectors? genomic embedding space