DNA 3 Questionnaire responses

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| test |
| Adithya Balu |
| Ryan Duong |
| Ruairidh Barlow |
| Jared Mann |
| Kaivalya Dandamudi |
| Alex Leath |
| Diana Marquez |
| E, Alqaffas |
| Bethany Yachuw |
| Thomas Raymond |

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| PS3 |
| None |
| nope |
| No |
| No, sir. |
| No |
| Regarding problem 3.3 part b...would it have been productive to include an assumption about the GC content of the sequence given in order to determine the chance of finding the palindromic sequence next? Was the next appearance of the palindrome supposed to be based on a completely randomly generated sequence of bases, or would a weighted estimate based on the make up of the given sequence have produced a better estimate? |
| No |
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| N/A |
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| DNA structure |
| None |
| nope |
| No |
| All good here. |
| No |
|  |
| No |
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| N/A |
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| Mini-article |
| None |
| Could we review the significance of the figure? We didn't quite get that far last class. |
| No |
| Nope! Done. |
| No |
|  |
| No |
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| N/A |
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| DNA replication extent |
| proofreading |
| Done |
| I finished it |
| SQ6 |
| Completed part 1. |
| I'm at part 6, the section relating to lagging strand replication. |
| Q3 |
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| SQ6 |
| SQ4 |

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| DNA replication |
| need to know proofreading and afterwards |
| Comfortable |
| I feel comfortable with these topics. A cow / train example would be helpful though. |
| I feel fairly comfortable with all of these topics. |
| I am pretty comfortable with these topics. |
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| I would like to discuss a little more about proofreading if possible. |
| I didn't get the cow/train metaphor. could you please explain it more. |
| None |
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| M&S extent |
| not finished yet |
| Up to discussion. |
| I haven't done it yet |
| SQ1 |
| I have not started this yet. |
| I've looked through the figures and have read the introduction. |
| Q2 |
| I didn't finished the whole thing but I was able to understand some of the method they use and what they tried to prove or disprove. |
| SQ3 |
| I have not begun |

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| M&S |
| not finished reading the article |
| Im not quite sure the difference between experiment 1/2 in the meselson & stahl paper which makes figure 4 hard to interpret. |
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| Sounds interesting! |
| N/A |
| The topological problem relates to accessing the nucleotides in order to initiate replication. Dispersive replication addresses the problem related to unwinding the dna without the strands becoming or the bases pairing before replication can complete. I have a a grasp on how heavy isotopes can be used to distinguish the DNA and the figures in the article make this more apparent but I still have some confusion on some of the methods. I'll need to go back over the equilibrium density centrifugation methods used in the study. Going over fig. 4 in class would probably help me grasp how the samples taken after centrifugation lead to the UV absorptions. |
| I would definitely like to go over these topics in class, like how heavy isotopes can distinguish new from old DNA and the critical differences between the three featured models of DNA replication. |
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| None |
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| Misc |
| none |
| When will we know the meeting schedule for exam 2? Forgot to add: What is the deadline for PS4? ( the calendar says 3/2 and 3/4) |
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| See you in class! |
| Nope |
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| The first two links in part A of the DNA Replication notes don't work. It comes back "Page Not Found" and "This Video Has Been Removed." |
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