RNA 1 Questionnaire Responses

|  |
| --- |
| test |
| Ryan Duong |
| Kaivalya Dandamudi |
| Jared Mann |
| Bethany Yachuw |
| Thomas Raymond |

|  |
| --- |
| Critique |
| Yes |
| Still working on my experiment summary, but I understand how to submit and critique someone else's. |
| Yes, all clear! |
| Yes. |
| When we are critiquing, should we comment on their post or send them an email with the critique, similar to how critiques are sent to us for Problem Sets? |

|  |
| --- |
| Crick1961 |
| I had trouble understanding how to determine if the alien code was degenerate or not? I knew it had something to do with the analyze peptide content function, but I did not know how to interpret my data when I translated a random mRNA of nucleotide frequency 80%U 20%A |
|  |
|  |
| None |
|  |

|  |
| --- |
| jones |
| see above |
|  |
| I did this same experiment, however it was very difficult to find any sort of pattern with the alien genetic code. Why would the two samples give different amino acids for the same RNA sequence? Do they not follow the central dogma like we do? |
| None |
|  |

|  |
| --- |
| ResProp |
| Now actually doing my project over the summer :) |
| I have a better idea of how to focus on a more specific experiment and research question. I plan on meeting with my mentor next week so I hope to have more progress by then. |
| All good. |
| Tons of progress and no problems. My mentor and I agree that I am off to a really good start. |
|  |

|  |
| --- |
| B&S-extent |
| Done |
| Finished the article and the companion |
| Question 7. |
| Finished. |
| Question 7 |

|  |
| --- |
| B&S |
| I'm having trouble calculating G + C / A + T. The best I could figure is that ratio is the same as a/g and c/t alone. Table 1 in the article and the companion implies it should also be 1 but I can't see where that came from. |
| I'm having a hard time understanding the relationship between their results and the 1-gene 1-ribosome 1-protein model. |
| I'm comfortable with these topics. |
| Will you go over Question 7? Is the reason that Belozersky and Spirin's results were opposing the 1-gene 1-ribosome 1-protein model because they found that the RNA and DNA compositions were not the same in Table 1 and 2? |
|  |

|  |
| --- |
| Misc |
|  |
|  |
| See you in class tomorrow |
| N/A |
|  |