Pictures of the Best Gels from Lab 9 - Biol 211 – Fall 2011

Instructions: Examine figures 1 – 7 below and on the next page. Use ***figure 7*** *to answer questions 1 – 5 on pages 19 -21 of Lab 9*. You should cut out fig. 7 and tape it under #1 as the "results" on page 19. Use the results in figures 1 – 7 to answer Questions 6 and 7 on pages 21 – 22 of Lab 9.

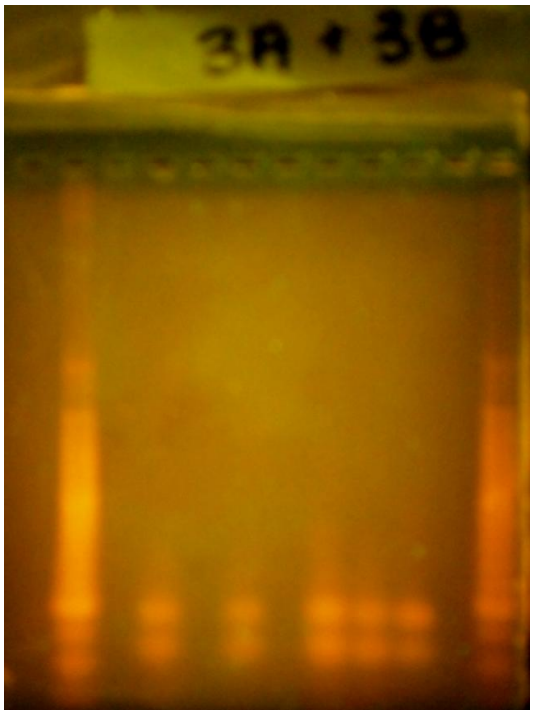

Figure 1. It appears that the PCR fragments are *about the same size*, but the DNA ladder is too blurry to use to estimate the size of each fragment. Table number unknown☹.

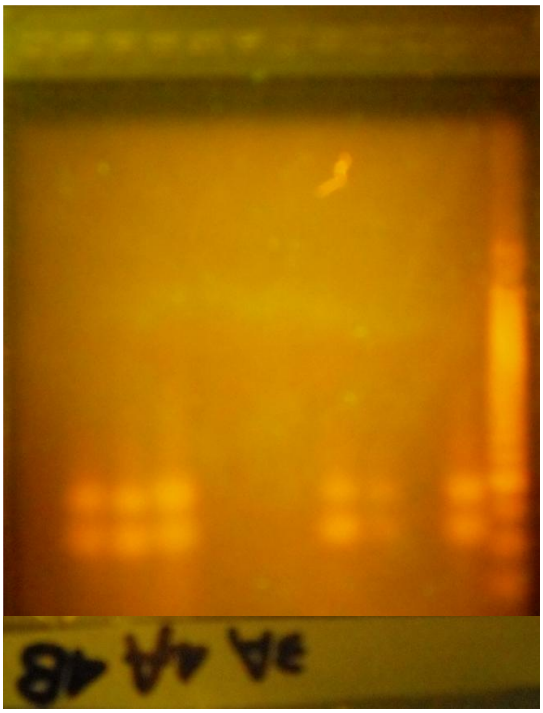

Figure 2. It appears that there *might* be a *little bit of variation* in the size of the PCR fragments, but the DNA ladder and PCR fragments might be too blurry to accurately determine their sizes

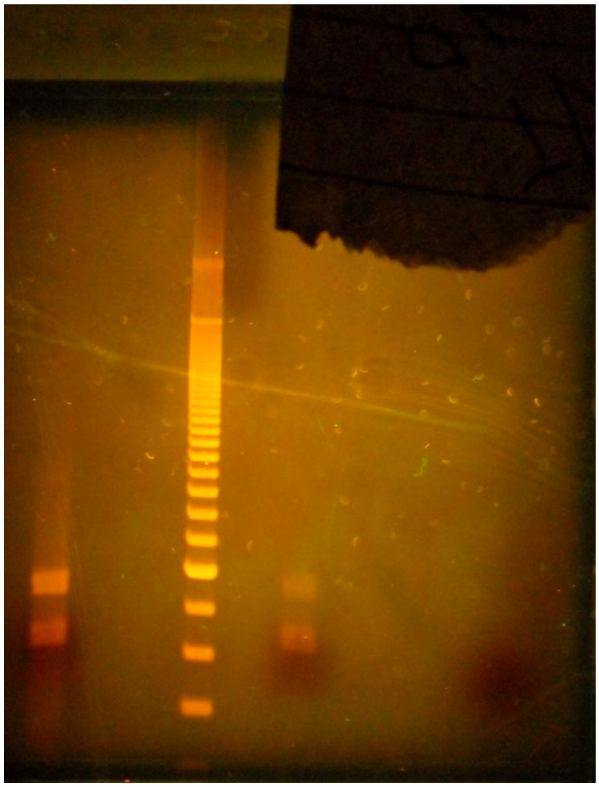

Figure 3. Great gel with a good ladder, but only the PCR fragments of 2 students are visible and the wells are not easily seen. Table number unknown☹.

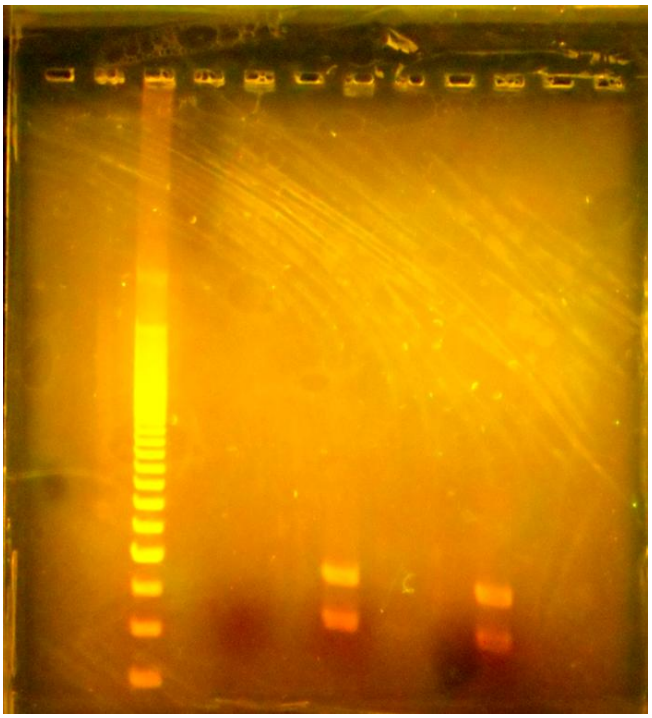

Figure 4. Great gel with a good ladder, but only the PCR fragments of 2 students are visible and they appear to have different sizes. Table number unknown☹.

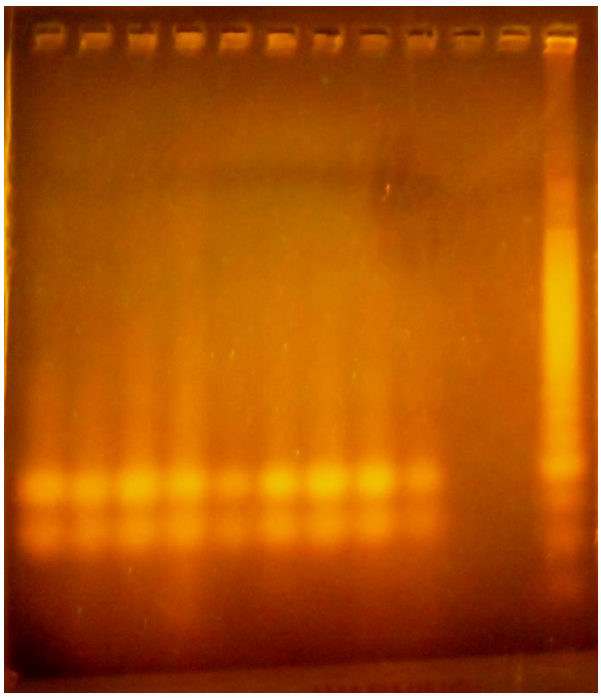

Figure 5. It appears that the PCR fragments are *about the same size*. Is the DNA ladder clear enough to use to estimate the size of each fragment? This gel is from **table 4.**

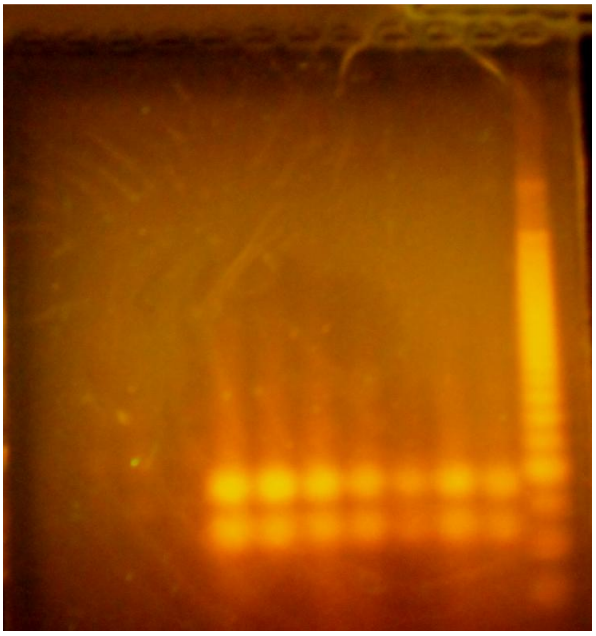

Figure 6. It appears that the PCR fragments are *about the same size*. Is the DNA ladder clear enough to use to estimate the size of each fragment? This gel is from **table 5**.

Use the following gel to answer questions 1 – 5 on pages 19 -21 of Lab 9. Cut out this picture and tape it under #1 as the "results" on page 19.

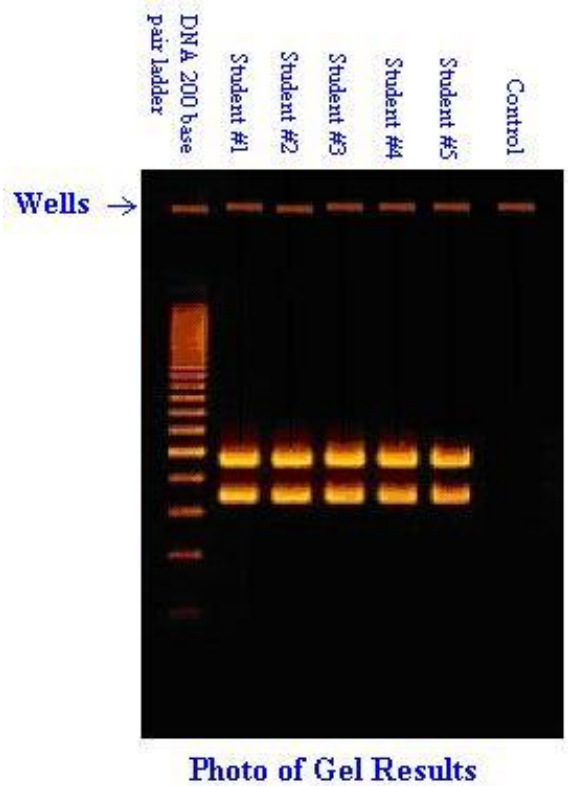

Figure 7. This is picture of a gel supplied by the biotech company Edvotek. *Use this gel to answer questions 1 – 5 on pages 19 -21 of Lab 9. Cut out this picture and tape it under #1 as the "results" on page 19.*