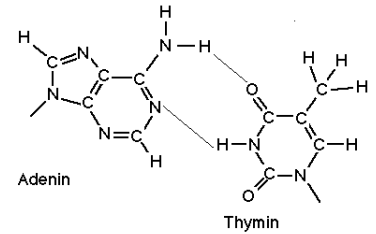


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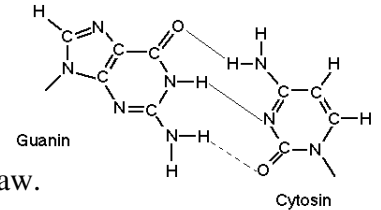
Lab \_\_\_\_\_



# *GATTACA* Project

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*GATTACA* is a science fiction drama film written and directed by Andrew Niccol, starring Ethan Hawke, Uma Thurman and Jude Law.



The film presents a futurist vision of a society driven by eugenics where genetic engineering and in-vitro fertilization have allowed engineering of children to include factors such as sex, intelligence, life expectancy, hair color, height, and the elimination of most genetic diseases.

The movie draws on concerns over technological developments which facilitate in vitro fertilization, genetic engineering and diagnosis of genetic disorders, and the possible consequences of such technology for society.

The movie also explores the theme of destiny, and the ways in which it can govern lives. Characters in *GATTACA* continually battle with both society and themselves as to where their place is in the world, determined by whom they are destined to be, according to their genes.

Rent and view the movie. Answer the following questions regarding the movie. You will also have the opportunity to give your views on the societal consequences of genetics, in vitro fertilization and eugenics. You will need to do some research. Please make sure that you provide **ALL** of your references.

**How did you watch the movie (Netflix, Amazon...)?** \_\_\_\_\_

## Questions about the movie:

1. What is eugenics and give an example of eugenics found in the movie?



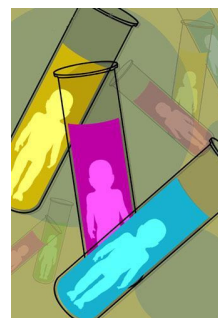
2. Was Anton conceived by cloning or *in vitro* fertilization? Explain the difference between both procedures.

3. How did Vincent deceive GATTACA into thinking he was Jerome Marrow?

4. Describe Vincent's routine prior to going into work?

5. Why did he have to do this routine every day? Explain your answer with regards to each individual's genetics.





4. What kind of genetic tests are routinely performed after to the baby after they are born?
  
5. Gender selection is a possible technique for individuals/couples that would like to choose the sex of the child.
  - a. Find a laboratory/clinic/company that provides gender selection. What is its name?
  
  - b. Are there any criteria that a person/couple must have in order to be a candidate for gender selection?
  
  - c. How much does it cost?
  
  - d. What is their success rate?
  
6. List all of your references:

**On a separate piece of paper**, please state your own thoughts:

Would you take advantage of technology that would allow for in vitro fertilization, gender selection or removal of genetic disorders when/if you wanted to have children? Explain. (You will only be graded on spelling and grammar in this section, not your opinion.)