The Human Genome Project Name:

[www.genome.gov/10001772](http://www.genome.gov/10001772) Date:

http://report.nih.gov/NIHfactsheets/ViewFactSheet.aspx?csid=45&key=H#H

Using the previously mentioned websites explore the research and findings of the Human Genome Project.

1. What species was genetically mapped during the Human Genome Project?
2. On what date did the Human Genome Project reach its completion?
3. What is a genome?
4. About how many base pairs do scientists believe humans have? About how many genes?
5. Briefly explain what sequencing is:
6. Why were volunteers used during DNA sequencing for the HGP? Did the volunteers know if they had been chosen for the sequencing? Why?
7. What was the difference between the draft presented in 2000 and the 2003 version of the Human Genome?
8. What 6 countries were major participants in the mapping of the Human Genome?
9. How many of the 20 research facilities/universities are located in the United States?
10. How much of tax payer money was used in the project? How is the project supposed to pay for itself overtime?
11. Briefly write a one paragraph summary of the Human Genome project followed by your opinion on the HGP and its implications of biotechnology and biomedical research.

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