

Claim: What do you think the author is trying to say in this article?

The small changes in DNA create big impacts.

Title of Article: Standing Tall
Author: Washington Post

Vocabulary: Identify & Define 5 Words from article

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| 1. | gene: A fundamental, physical and functional unit of heredity |
| 2. | subtle: delicate, precise, difficult to analyze |
| 3. | DNA: instruction to an organisms needs to develop, live, and reproduce. |
| 4. | Regulate: control/maintain the rate of a process |
| 5. | Development: the process of developing or being developed |

Evidence: Support your claim with 3 pieces of evidence from the article.

1. "changes in the genes that affect both could have created long necks & strong hearts to protect them. A change on the skeleton gene alone might have resulted in a very dead giraffe."
2. "you can have these very subtle changes in DNA that create dramatic effects, coverner said!"
3. "Most of the ideas found are known to help regulate physical development in other mammals, which is exciting. It supports the idea that tweaking these genes could turn a donkey-like creature into the tallest animals on land."

Reasoning/Evidence based argument- Using the 3 pieces of evidence, do you agree or disagree with the author? (Needs to be a paragraph long)

I agree with the author because this was tested on giraffes to understand what would've happened if the giraffes structure wasn't how it was today. The article states how a skeleton gene alone might have resulted in a very dead giraffe. This shows how just one gene could've determined whether giraffes would be alive today. The article also explains how "tweaking these genes could turn donkey-like creatures into the tallest animals on land." Although a gene can ruin structure it can also improve it. Just like how "very subtle changes in DNA create dramatic effects!" The author is correct because all genes have a big impact even the small ones.

Illustration

