

Mutation and Natural Selection

1. What is a mutation?

Random "letter" changes in the genetic programming (1)

2. Mutations are _____ for us as they _____ existing genetic information. **bad, destroy (1)**
3. Evolution says mutations create new _____. **information (2)**
4. Is there any evidence of new information being created that creates new functionality? _____ **No**
5. Existing genetic information is only _____, _____, _____, _____, _____. **destroyed, degraded, duplicated, changed or re-ordered**
6. Describe why natural selection isn't "powerful" enough to result in evolution.

Natural selection can only see major traits that effect fitness. It can't see and promote small changes that are not visible in the organism. Evolution depends on these small incremental changes.

7. What is natural selection doing?

Slowing the degradation of the genome.

8. What is the crux of the Creation vs Evolution debate? _____
Creation of useable new Information
9. How does 2 Corinthians 10:5 relate to why it is important for Christians to know this scientific material?

We must be able to effectively refute scientific theory and ideas that are opposed to the Word of God and correctly explain our understanding in order to support the Word of God.