

Traits: Whole Class Evidence Table

Scientific ideas can never be proven true. They can only be disproved, or proven false. To disprove an idea, it takes evidence that **contradicts** it. That’s why contradicting evidence is the most important kind for helping scientists refine and update their ideas.

For each model:

- Place an **X** where evidence **contradicts** the model.
- Place an **S** where evidence **supports** the model.

Evidence	Model A (Emil): An organism’s traits are made only by its genes .	Model B (Keyana): An organism’s traits are made by its genes and factors in its environment .
1. Language(s) Spoken		
2. Muscle Mass		
3. Cilantro Taste Preference		
4. Digestive Enzymes in Pitcher Plants		