HUMAN PEDIGREES

v studying a human pedigree, you can determine whether a trait dominant or recessive. To interpret the three pedigrees below, use the same key shown at the right. Of course, the individual with the trait could be homozygous dominant or heterozygous dominant.

| male with trait |
|------------------------|
| male without truit |
| female with trait |
| O female without trait |

A. The pedigree shows the inheritance of attached earlobes for four generations.



is the trait for attached earlobes, versus free earlobes, dominant or recessive?

How do you know?

B. The pedigree shows the inheritance of tongue rolling.



ts this trait dominant or recessive? ______ Explain. _____

C. This pedigree shows the Inheritance of colorblindness, a sex-linked trait.



Is this trait dominant or recessive? ______ is the mother of the colorbind girl in the F₃ generation colorbind, a carrier, or a person with normal color vision?

Genetics Diagram Interpretation Practice Worksheet

Wendy R. Uhlmann, Jane L. Schuette, Beverly M. Yashar

| Genetics Diagram Interpretation Practice Worksheet: | |
|---|--|
| | |
| | |

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