

Non-Mendelian Genetics

1. Predict the phenotypic ratios of offspring when a homozygous black cow is crossed with a roan bull.

2. A woman with Type O blood and a man who is Type AB have are expecting a child. What are the possible blood types of the kid?

3. Hemophilia is an X linked trait. Explain why a hemophiliac father cannot pass that trait to his son. You can use a Punnet square but you MUST explain as well