

VIDEO GUIDE BOZEMAN BIOLOGY – POPULATION VARIATION

1. Why are Tasmanian Devils so vulnerable to facial tumor disease?
2. Since the black footed ferret was on the brink of extinction before its numbers increased, we say it has gone through a _____ effect.
3. Why are some people “immune” to HIV infection? (be specific)
4. What do scientists think is the origin of this immunity?
5. Why do we think the immunity originated in Sweden?
6. If the frequency for the allele for this immunity (which is recessive) is 0.18, predict what percentage of the population would have immunity, what percentage would be carriers? (show your work)