

1. Which of the following statements are true about genetic ancestry?

- A. Single nucleotide polymorphisms are most commonly used.
- B. Ancestry is uniform across the genome
- C. Ancestry is equivalent to race
- d. All of the above

Answer: A

2. Mutations in which gene cause hypertrophic cardiomyopathy?

- A. BRCA-1
- B. HFE ( hemochromatosis)
- C. MYBPC 3
- D. PCSK9

Answer: C

3. Fill in the blank. Dilated cardiomyopathy is associated with \_\_\_\_\_ SNV's compared to hypertrophic cardiomyopathy.

- A. More
- B. Less
- C. Same

4. Bonus Question. Brugada syndrome is caused by an abnormal gene encoding:

- A. K channels
- B. S-A node
- C. Purkinje fibers
- D. Na channels

Answer: D