

**Correct
Answer(s)**

**Reporting
Category**

Biology – Science Appendix

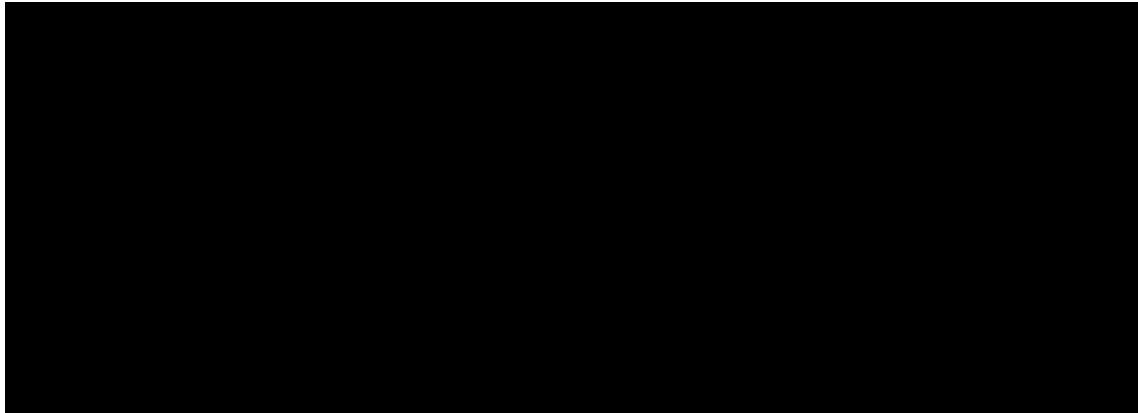
1.1

Two parents who do not have MOGS-CDG have a child with the condition. What is the probability that at least one of the parents has the AA genotype for MOGS-CDG?

Enter your answer in the box

%

1.2



1.3

A student claims that the dengue pathogen is a virus.

Determine whether each piece of information in the table supports or does not support the student's claim.

Select the correct answer in each row.

	Supports	Does Not Support
Contains RNA wrapped in a capsid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Causes fever, fatigue, nausea, and joint pain	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Uses sugars on cell membranes to	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1.4

A parent who is homozygous dominant (AA) for the MOGS-CDG trait

The screenshot shows a quiz question with the following text: "A parent who is homozygous dominant (AA) for the MOGS-CDG trait". Below this, there are four radio button options:
1. There is a 25% chance that the child will have the genotype.
2. There is a 50% chance that the child will inherit an A allele.
3. There is a 75% chance that the child will have the dominant trait.
4. There is a 100% chance that the child will have the dominant trait.
The first option is selected, and a green checkmark is visible next to it.