

Read the questions and answer the following:

1. Use the chromosome map of Tomato plant. Which linked genes have a greater frequency of crossing over?



1. B and C 2. A and C 3. A and B

2. Genes E,F,G and H are located on the same chromosome. The recombination frequencies are as follows:

E-H : 25%

E-F :30%

G-H :15%

F-G :20%

F-H :5%

What is the order of genes on the chromosome?

1.GEFH

2. HEFG

3.EHFG

4. EGHF

3. Genes A,B,C,D are located on the same chromosome. The recombination frequencies are as follows:

A-B: 5%

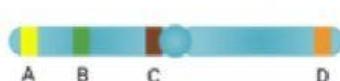
A-C:8%

A-D:12%

B-C:13%

What is the order of genes on the chromosome?

1. ABCD



2. ABDC



3. BACD

