

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

