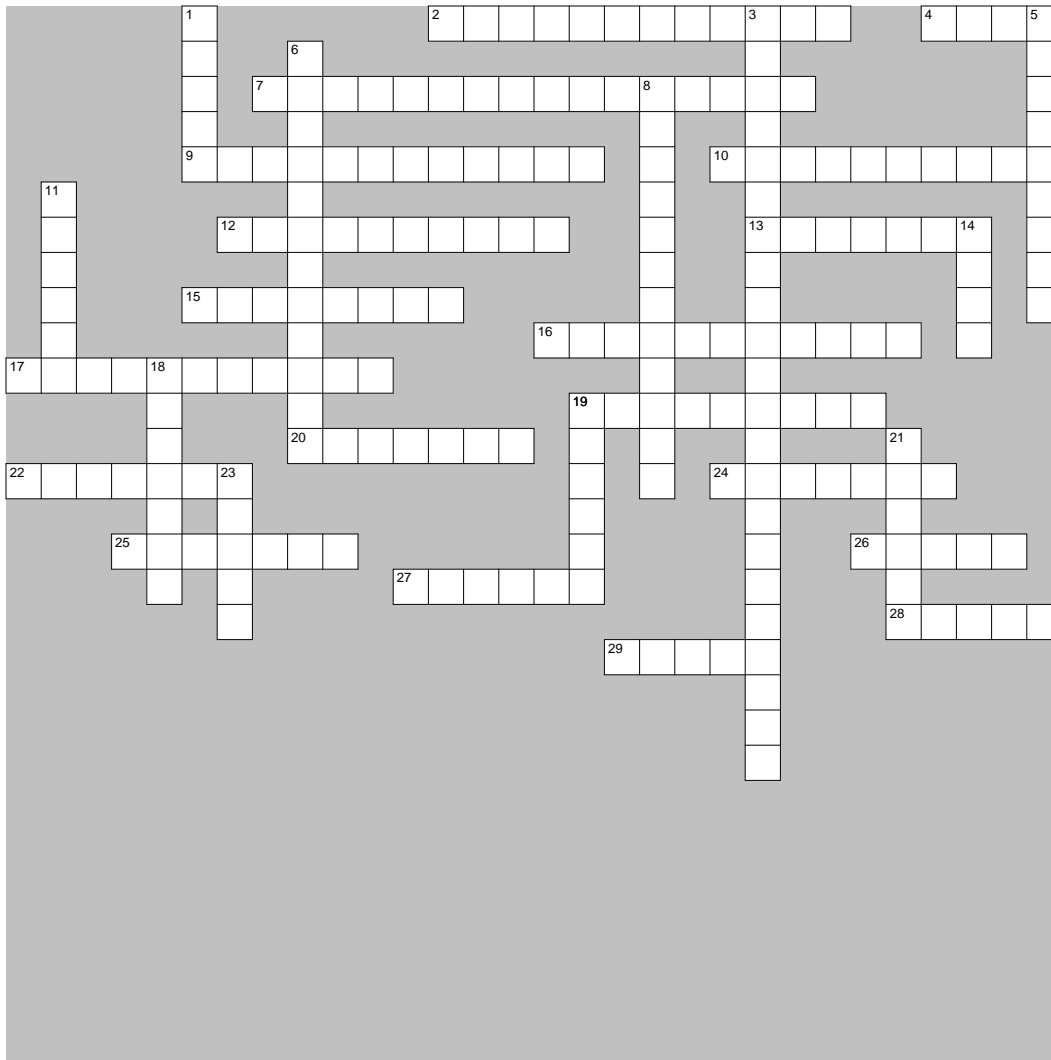


## Biology Chapter 11 Genetics DF



### Across

2. Who was born in 1822 ?
4. The fur color of rabbits is controlled by a gene with ??? different alleles.
7. This occurs when plants with contrasting characters cross
9. Organisms that have two different alleles
10. Organisms that have two identical alleles
12. There are four ??? in a tetrad.
13. What is the term for offspring of crosses between parents with different traits?
15. The scientific study of heredity
16. Original pairs of plants are called
17. What is the term for the likelihood of a particular event occurring?
19. What kind of birds are at the start of the chapter?
20. What is the proper term for sex cells?
22. What kind of a square is used in genetics?
24. What word means "One set"?
25. People with albinism lack this pigment.
26. The genes for the fruit fly's reddish-orange eyes and miniature ??? are almost always inherited together.
27. Who decided to use the fruit fly in genetics research?
28. How many traits of pea plants did Mendel investigate?
29. Chemical factors that determine traits

### Down

1. What nationality was Mendel?
3. What is the proper name for the fruit fly?
5. The principle of dominance says that some alleles are dominant and some are ????
6. Something done to self pollinate
8. Dr. Garrod discovered what rare disorder?
11. In what trait of pea plants was the position either Axial or Terminal?
14. The color of this in humans is controlled by the interaction of four or more genes.
18. what is one form of a gene?
19. Plant male sex cells are contained in ????
21. what is the latin word son?
23. A specific characteristic, such as a seed color or plant

Who took the X-ray from which the structure of DNA was deduced?