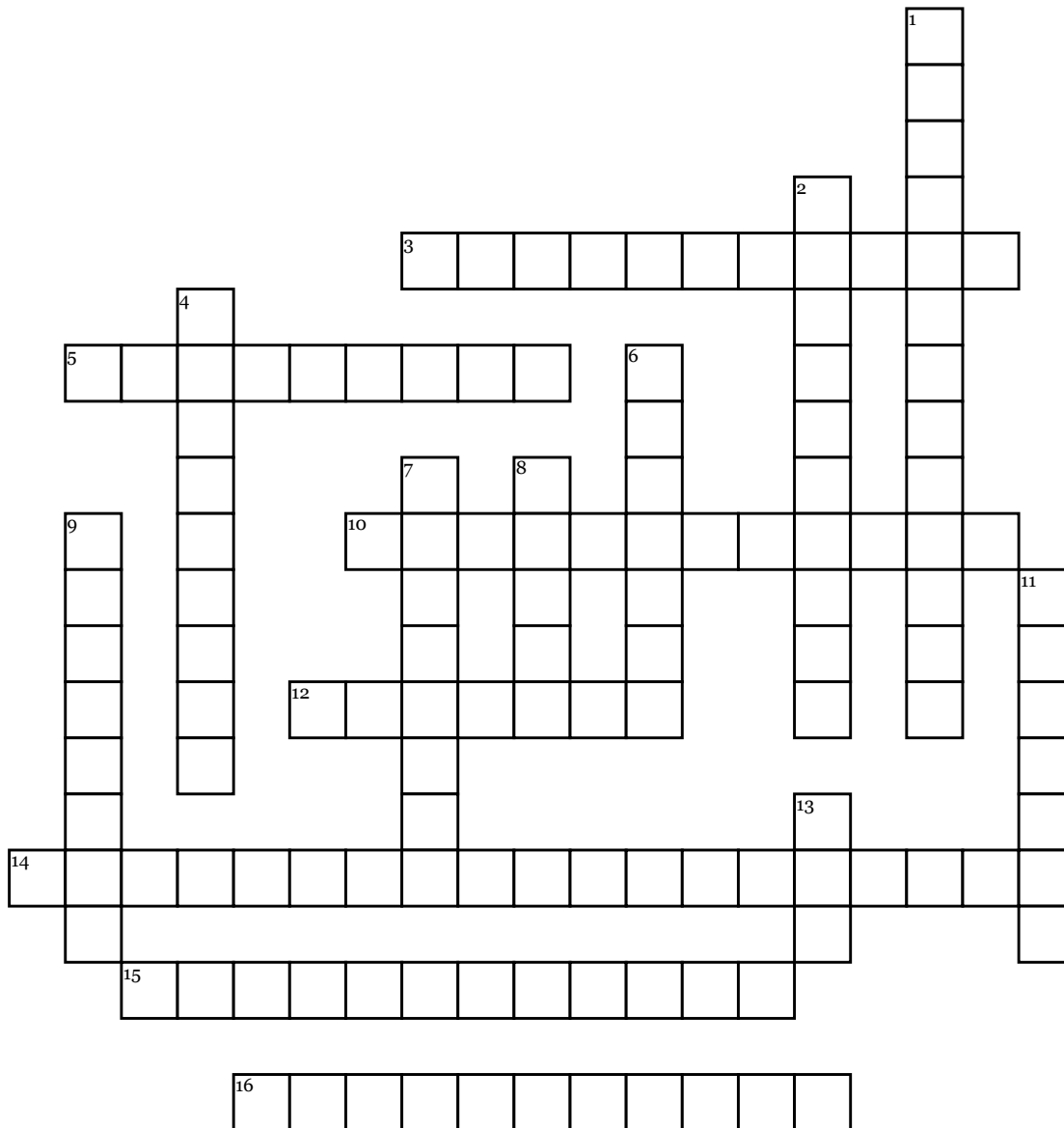


# Genetics Vocabulary Words



## Across

- 3.** A strand of DNA resembles a twisted ladder  
**5.** The visible characteristics for a gene  
**10.** A condition in which two allele for a given gene are different from each other  
**12.** Where a cell divides into a new identical cell which is the same as the parent cell  
**14.** Where neither gene for a trait is dominant  
**15.** The father of modern genetics

- 16.** The chance an event will happen

## Down

- 1.** Shows the possible gene make-ups for organisms  
**2.** A condition in which two alleles for a given gene are the same  
**4.** An allele whose effects are concealed in offspring by the dominant allele  
**6.** Where a sperm cell and an egg cell unite

- 7.** The actual gene make-up for an organism

- 8.** A segment of DNA on a chromosome that carries the code for a specific trait

- 9.** An allele whose expression overpowers the effect of a second form of the same gene

- 11.** Different forms or versions of a gene

- 13.** Found in the nucleus of the cell