|  |
| --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Genetics Crossword Puzzle

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 2M |  U |  T |  A |  T |  I |  O |  N |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 3S |  |  |  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4G |  E |  N |  E |  C |  T |  I |  C |  S |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  L |  |  |  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 5P |  |  |  | 6C |  L |  O |  N |  E |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  R |  |  |  |  T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 7C |  O |  D |  O |  M |  I |  N |  A |  N |  C |  E |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 8A |  |  B |  |  |  |  V |  |  |  |  |  | 9G |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  L |  |  A |  | 10P |  H |  E |  N |  O |  T |  Y |  P |  E |  |  | 11H |  | 12G |  |  |  |  |  |  |
|  |  |  |  |  |  |  L |  |  B |  |  |  |  B |  |  |  |  |  |  N |  |  |  O |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  E |  |  I |  | 13K |  A |  R |  Y |  O |  T |  Y |  P |  E |  |  |  M |  |  N |  |  |  |  |  |  |
|  |  |  |  |  |  |  L |  |  L |  |  |  |  E |  |  |  |  |  |  T |  |  |  O |  |  E |  |  |  |  |  |  |
|  |  |  |  |  | 14P |  E |  D |  I |  G |  R |  E |  E |  | 15H |  Y |  B |  R |  I |  D |  I |  Z |  A |  T |  I |  O |  N |  |  |  |
|  |  |  |  |  |  |  |  |  T |  |  |  |  D |  |  |  |  |  |  C |  |  |  Y |  |  H |  |  |  |  |  |  |
|  |  |  | 16G |  E |  N |  O |  T |  Y |  P |  E |  | 17I |  N |  B |  R |  E |  E |  D |  I |  N |  G |  |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  N |  |  |  |  |  |  I |  |  |  O |  |  R |  |  |  |  |  |  |
|  |  |  |  |  | 18H |  E |  T |  R |  O |  Z |  Y |  G |  O |  U |  S |  |  |  S |  |  |  U |  |  A |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  S |  |  P |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 19P |  U |  N |  N |  E |  T |  S |  Q |  U |  A |  R |  E |  |  |  |  Y |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  D |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 20M |  U |  L |  T |  I |  P |  L |  E |  A |  L |  L |  E |  L |  E |  S |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****2.** A change in a gene or chromosome **4.** The science behind heredity**6.** An organism that has the same genes as the organism it was produced from**7.** When two alleles are equal and present in both the phenotype and genotype of an organism**10.** A person's physical appearance **13.** A picture of all the chromosomes in a cell**14.** A chart that tracks which members of a family have a particular trait**15.** Breeding two individuals with different traits**16.** A person's genetic makeup **17.** Breeding two individuals with similar traits**18.** Different alleles fo a single trait**19.** A chart that shows all the possible combinations of two genotypes**20.** A trait controlled by three or more alleles is said to have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Down****1.** The process that produces 4 sex cells**3.** Choosing two organisms with desired traits to be bred**5.** The chance of something occuring**8.** Factors that control a trait**9.** A genetic problem caused by an issue in an organism's genes**11.** Same alleles for a single trait**12.** Moving healthy genes into cells to replace missing or abnormal genes in order to correct a genetic disorder |