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

Unit 8 Genetics Crossword

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

|  |  |
| --- | --- |
| **Across****3.** refers to a pair of genes where one is dominant and one is recessive**6.** relating to or denoting heritable characteristics controlled by genes that are expressed in offspring only when inherited from both parent**8.** When an individual has two of the same allele, whether dominant or recessive**10.** ancestral line or chart depicting the lineage or descent of an individual**13.** a form of intermediate inheritance in which one allele for a specific trait is not completely expressed over its paired allele**14.**  A condition in which both alleles of a gene pair in a heterozygote are fully expressed**16.** diagram that is used to predict an outcome of a particular cross or breeding experiment**17.** set of genes in our DNA which is responsible for a particular trait. The phenotype is the physical expression | **Down****1.**  the study of heredity and the variation of inherited characteristics.**2.** trait associated with a gene that is carried only by the male or female parent**4.** is a mating between two individuals with different alleles at one genetic locus of interest**5.** one genetic mechanism giving us a continuous range of possibilities**7.** the passing on of physical or mental characteristics genetically from one generation to another.**9.** An allele or a gene that is expressed in an organism's phenotype**11.** the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.**12.** one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome.**15.** parents will also pass down a specific phenotypic trait to their offspring |