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

Mendelian and Patterns of Inheritance

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1P |  |  |  |  |  |  |  | 2G |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  E |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 3G |  R |  E |  G |  O |  R |  M |  E |  N |  D |  A |  L |  |  |  |  |  N |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  O |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 4P |  U |  N |  N |  E |  T |  T |  S |  Q |  U |  A |  R |  E |  |  T |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  |  Y |  |  |  |  |  |
|  |  | 5M |  |  |  |  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  P |  |  | 6M |  |  |
|  |  |  U |  |  |  |  |  |  |  |  | 7H |  U |  N |  T |  I |  N |  G |  T |  O |  N |  D |  I |  S |  E |  A |  S |  E |  |  |
|  |  |  L |  |  |  |  |  |  |  |  |  |  |  |  |  |  C |  |  |  |  |  |  |  |  |  |  |  N |  | 8M |
|  |  |  T |  |  | 9L |  |  |  |  |  | 10C | 11A |  R |  R |  I |  E |  R |  S |  |  |  |  |  |  |  |  |  K |  |  U |
|  |  |  I |  |  |  A |  |  |  |  |  |  |  L |  |  |  |  |  |  |  |  |  |  |  | 12C |  |  |  E |  |  L |
|  |  |  P |  |  |  W |  |  |  |  |  |  |  D |  |  |  |  |  |  |  |  |  |  | 13L |  O |  C |  U |  S |  |  I |
|  |  |  L |  |  |  O |  |  |  |  |  |  |  |  |  |  | 14P |  |  |  |  |  |  |  |  L |  |  |  S |  |  T |
|  |  |  E |  |  |  F |  | 15H |  |  |  | 16M |  U |  S |  C |  U |  L |  A |  R |  D |  Y |  S |  T |  R |  O |  P |  H |  Y |  |  F |
|  |  |  A |  |  |  S |  |  O |  |  | 17C |  |  |  |  |  |  E |  |  |  |  |  |  |  |  R |  |  |  N |  |  A |
|  |  |  L |  |  |  E |  |  M |  | 18M |  O |  N |  O |  H |  Y |  B |  I |  D | 19C |  R |  O |  S |  S |  |  B |  |  |  D |  |  C |
|  |  |  L |  |  |  G |  |  O |  |  |  D |  |  |  |  |  |  O |  |  Y |  |  |  |  |  |  L |  |  |  R |  |  T |
|  | 20H |  E |  T |  E |  R |  O |  Z |  Y |  G |  O |  U |  S |  | 21A |  U |  T |  O |  S |  O |  M |  E | 22S |  |  I |  |  |  O |  |  O |
|  |  |  L |  |  |  E |  |  Y |  |  |  M |  |  |  |  |  |  R |  |  T |  |  |  |  K |  |  N |  |  |  M |  |  R |
|  |  |  E |  |  |  G |  |  G |  |  |  I |  |  |  |  |  |  O |  |  I |  |  |  |  I |  |  D |  |  |  E |  |  I |
|  |  |  S |  |  |  A |  |  O |  |  |  N |  |  |  |  |  |  P |  |  C |  |  |  |  N |  |  |  |  |  |  |  A |
|  |  |  |  |  |  T |  |  U |  |  |  A |  |  |  |  |  |  H |  |  F |  |  |  |  C |  |  |  |  |  |  |  L |
|  |  |  |  |  |  I |  |  S |  |  |  N |  |  |  |  |  |  Y |  |  I |  |  |  |  O |  |  |  |  |  |  |  |
|  |  |  |  |  |  O |  |  |  |  |  C |  |  |  |  |  |  |  |  B |  |  |  |  L |  |  |  |  |  |  |  |
|  |  | 23P |  H |  E |  N |  O |  T |  Y |  P |  E |  |  | 24D |  I |  H |  Y |  B |  R |  I |  D |  |  O |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  O |  |  |  |  R |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  S |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 25X |  L |  I |  N |  K |  E |  D |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  S |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****3.** develope laws of inheritance**4.** results of a cross**7.** neurologicial disorder**10.** appear normal**13.** single genes**16.** wasted away**18.** cross of a single trait**20.** different**21.** any chromosomes other than sex**23.** appear**24.** hybrid in two ways**25.** has nothing to do gender | **Down****1.** varying degrees of **2.** birth**5.** trait is controlled **6.** defective allele**8.** controlled by polygenes**9.** two factors of each trait**11.** reccessive disorder**12.** different classes of cone cell**14.** single mutant gene**15.** same**17.** ABO blood groups**19.** lethal genetic gene**22.** pigmentation |