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

Mendelian and Patterns of Inheritance

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

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| --- | --- |
| **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 |