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

DNA and the gene

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| A | U | T | I | W | I | W | Z | R | V | A | E | S | R | K | H | F | G | K | A | B | V | N | E |
| A | C | Q | W | E | L | A | L | F | S | Y | S | S | N | P | Y | X | H | I | X | I | M | B | Q |
| R | M | D | Z | N | V | T | B | E | O | L | B | U | A | I | I | R | I | H | V | L | P | O | B |
| P | I | N | X | I | K | S | D | O | U | P | L | F | M | R | T | Z | D | T | Q | H | P | F | D |
| U | R | A | Y | M | B | O | N | J | H | P | A | X | N | S | E | G | C | F | M | P | P | M | N |
| F | D | R | H | Y | W | N | V | C | R | H | K | G | B | B | B | M | T | I | I | L | B | X | T |
| C | O | T | F | H | P | A | Z | Y | K | D | Z | A | T | D | I | N | Y | D | K | H | T | H | J |
| X | K | S | L | T | A | N | T | I | P | A | R | A | L | L | E | L | N | L | V | B | W | F | D |
| A | G | G | O | H | B | D | W | J | Q | D | J | K | W | Z | J | A | U | B | O | Z | S | N | N |
| H | E | N | N | S | A | C | E | K | H | D | J | S | G | S | R | N | Q | J | I | P | A | J | U |
| Y | U | I | M | D | Z | R | S | R | R | S | N | X | D | E | H | C | G | M | Z | R | A | O | B |
| D | L | G | L | N | G | I | A | E | J | O | O | A | P | N | T | V | X | U | T | K | W | N | B |
| R | K | G | E | O | F | C | M | T | L | C | F | L | R | X | A | V | D | S | A | U | T | Z | D |
| O | H | A | A | B | C | K | I | X | G | Q | I | N | E | T | P | L | E | Q | A | N | Z | O | Z |
| G | B | L | D | T | L | A | R | D | D | C | Y | A | O | U | S | L | I | Y | B | P | I | Y | P |
| E | Y | S | I | N | W | L | P | I | A | T | S | T | E | I | G | I | R | G | K | E | C | N | S |
| N | V | J | N | E | Y | M | Y | T | H | T | F | O | N | N | T | G | K | C | A | X | A | C | E |
| B | C | A | G | L | I | V | I | K | E | G | J | N | I | X | E | A | E | A | V | S | A | H | D |
| O | T | W | S | A | N | O | E | W | L | Y | V | S | S | Z | C | U | C | X | Z | F | E | M | B |
| N | F | H | T | V | N | O | N | L | I | C | I | Q | O | U | M | Y | P | I | L | A | B | A | V |
| D | I | B | R | O | H | E | E | M | C | R | T | F | T | U | Q | S | C | D | L | Q | K | N | H |
| C | S | O | A | C | S | R | A | E | A | T | X | V | Y | R | C | I | M | O | F | P | D | O | C |
| S | J | P | N | E | M | Q | T | D | S | Q | G | H | C | I | E | T | L | Y | M | U | E | M | U |
| J | I | A | D | P | E | S | A | R | E | M | O | S | I | O | P | O | T | N | H | G | O | R | X |

   antiparallel       covalent bond       cytosine       DNA ligase       DNA polymerase       DNA replication       guanine       Helicase       hydrogen bond       lagging strand       leading strand       Okazaki strand       primase       replication fork       single strand       thymine       topoisomerase       Watson and Crick