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ACROSS

- 3 weak bonds that hold DNA strands together
- 5 small molecule that provides binding site for DNA polymerase enzyme
- 7 type of virus that 'eats' bacteria
- 11 discovered that transforming factor was DNA
- 12 enzyme that unwinds DNA helix
- 19 enzyme that seals the gaps after RNA primers are removed from a DNA strand
- 20 enzyme that releases tension as DNA helix unwinds during replication
- 21 complex produced by coiling DNA around histone proteins
- 23 net charge of DNA
- 24 disease causing agent
- 26 short description of DNA configuration
- 27 atom not found in DNA
- 28 component of nucleic acid

DOWN

- 1 where DNA replication begins
- 2 net charge of histone protein
- 4 short segments of DNA produced during replication
- 6 atom not found in proteins
- 8 enzyme that makes RNA primer during DNA replication
- 9 DNA synthesizing enzyme
- 10 researchers that discovered role of DNA in virus life cycles
- 13 direction of two DNA strands in helix
- 14 loss of DNA during replication
- 15 Fred Griffith discovery
- 16 DNA-protein complex found in nucleus
- 17 three scientists that received Nobel Prize for discovery of DNA structure
- 18 non-coding, repeating base sequences at the ends of DNA strands
- 22 studied causes of pneumonia in mice
- 25 bases found in DNA (letter abbreviation)

Solution:

