

Ezekiel Code with DNA Molecule: Fifteen Similarities

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A 2500-year old enigma (Bible, Ezekiel 1:4 to 3:6, consecutive 1000-word paragraphs), we first call it as “Ezekiel Code”, recorded a mysterious thing in a “mirage”: the “four living creatures” were imagining an image of human in a “whirlwind”. Exegetes tried to explain what it was in that vision, but all was so difficult. We compared the Ezekiel Code with the molecular biological discoveries (DNA structure and functions) and gained the surprising results: both of “Ezekiel Code” and biological scientists described the same event, human DNA is right-handed double helical molecule that composed by four kinds of nucleotides encoding the human biological body, even though they had different “civilization” and used different “terminological words”. This study verified the concordance of Ezekiel Code with DNA from its major figure, characters to details: fifteen similarities.

1A: A sentence in Bible Ezekiel Book: “a whirlwind came out of the north, ... Also out of the midst thereof came the likeness of four living creatures. ... they had the likeness of a man” (KJV, Ezekiel 1:4-5).

1B: The biological scientist definite that human DNA molecule is a “right-handed” double “helical chain” that is composed by “four kinds of nucleotides” that they encoding the “human biological body”.

1C: Obviously, Ezekiel saw a DNA “helical chain” as a “whirlwind”; saw “came out of the north” as DNA “right-handed” helical; saw the “four kinds of nucleotides” as “four living creatures”; saw “encoding human biological body” as “form of a man”.

2A: Ezekiel described the four living creatures: “Their wings were spread out upward; ... one touching the wing of another creature on either side.” “and each had two wings covering its body”.

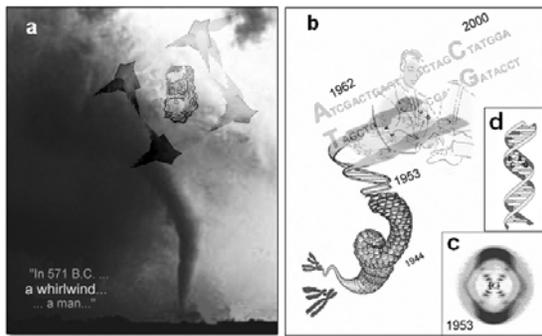
2B: The biological scientist described the four nucleotides in a DNA molecule: One kind of the chemical bonds is between the phosphates and the sugars to form sugar-phosphate backbone for linking one nucleotide to another. Another kind of chemical bonds is hydrogen bonds between complementary nucleotides (A-T, C-G), responsible for establishing and preserving DNA’s special structure and functions, such as, the bases are largely buried in the interior of the DNA and are kept away from water.

2C: Obviously, Ezekiel saw “bond between the phosphate and the sugar” as “wing touching the wing of another”; saw “the bases are largely buried in the interior of the DNA and are kept away from water” as “wings covering its body”.

3A: Ezekiel described the structure of the four living creatures: “had four faces”, “the face of a man”, “face of a lion”, “the face of an ox” and “the face of an eagle”

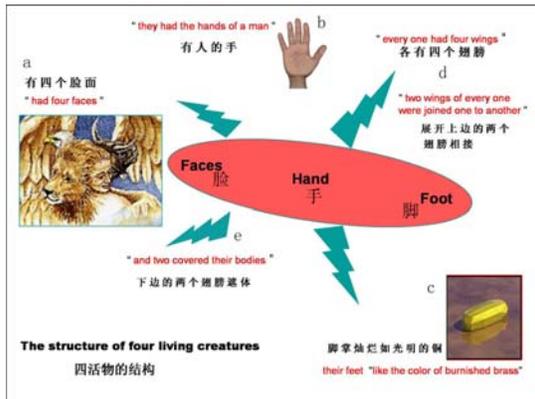
3B: The biological scientist described the four nucleotides: the nucleotides have four different nitrogenous bases identified as A, T, C and G (faces) respectively.

3C: Obviously, Ezekiel saw the face of a man, lion, ox



and eagle as nitrogenous bases A, T, C and G.

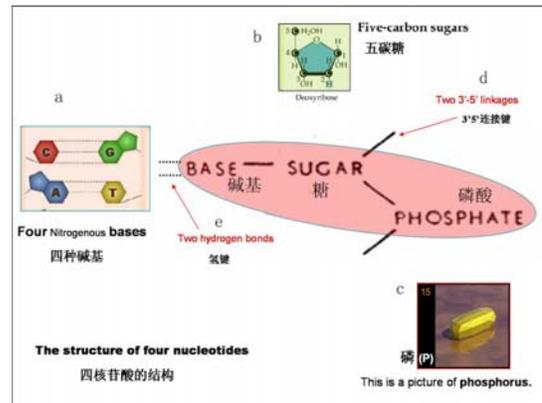
- 4A: Ezekiel described the structure of the four living creatures: “their feet were like those of a calf and gleamed like burnished bronze”.
- 4B: The biological scientist described: each nucleotide having one phosphate group. Indeed, the color of crystal phosphate is bright yellow just like the “burnished bronze”.
- 4C: Obviously, Ezekiel saw the phosphate as “burnished bronze” in the “feet”.



- 5A: Ezekiel described the structure of the four living creatures: “they had the hands of a man”.
- 5B: The biological scientist described: each nucleotide having a deoxyribose (five-carbon structure).
- 5C: Obviously, Ezekiel saw a deoxyribose (five-carbon sugar) as a hand of man, opening up a five-fingered hand indicates the number “five”.
- 6A: Ezekiel described the structure of the four living creatures: “The appearance of the living creatures was like burning coals of fire or like torches”.
- 6B: The biological scientist described the four nucleotides: In a living cell, four deoxynucleoside triphosphate (dNTP, dATP, dCTP, dGTP and dTTP) containing three phosphate-groups with two “high-energy bonds” for driving the polymerization of nucleotides to form new DNA strands.
- 6C: Obviously, Ezekiel saw the “high-energy bonds” in the dNTP as “burning coals of fire or like torches” in living creatures.
- 7A: Ezekiel described: “Fire moved back and forth

among the creatures”.

- 7B: The biological scientist found the “high-energy” of dNTP are transferred from ATP.
- 7C: Obviously, Ezekiel saw “high-energy” transferring among the nucleotides as “fire” moving among the creatures.
- 8A: Ezekiel described the structure of the four living creatures: “The creatures sped back and forth like flashes of lightning”.



- 8B: The biological scientist found: A lot of dNTP are moved to the “work stations” hydrolysis and releasing energy when they are assembled to form a new DNA strand with a rate of 50 per second in human. A total of 6 billions nucleotides is needed for the formation of daughter strands in a human cell.
- 8C: Obviously, Ezekiel saw a lot of dNTP are soon moving to the “work stations” as “The creatures sped back and forth like flashes of lightning”.
- 9A: Ezekiel described: “a wheel on the ground beside each creature”.
- 9B: Biological scientists discovered that ring-shaped enzymes involved in DNA metabolism vary greatly in sequence.
- 9C: Obviously, Ezekiel saw “ring-shaped proteins (enzymes)” beside each nucleotide as “wheels” beside each creature.
- 10A: Ezekiel described: “When the living creatures moved, the wheels beside them moved”.

- 10B: Biological scientists emphasizes that helicases (a hexamer-ring protein) cannot be formed and not move on DNA (either 5' to 3' or 3' to 5' direction) without binding NTP because the helicases are NTP-driven motor proteins.
- 10C: Obviously, Ezekiel saw the helicases, ring-shaped proteins, are NTP-driven motor proteins, as “when the living creatures moved, the wheels beside them moved”.
- 11A: Ezekiel described the structure of the wheels: “be made like a wheel intersecting a wheel. Their rims were high and awesome, and all four rims were full of eyes all around.”
- 11B: Biological scientists emphasizes that the structures of proteins are more complex and larger than nucleotides. Helicases and ATPase have the characteristic multisubunit ring-shaped structures. For example, F-ATPase, found by Paul Boyer and John Walker, the Nobel laureates of 1997 (Yoshida and Muneyuki *et al* 2001), were described: ATP synthase is a large protein complex (-500kDa) with a complicated structure. It is composed of two linked multi-subunit (22-27 subunits) complexes, called F₀ and F₁. In binding-change model, F₀ and F₁ function as a pair of rotary motors linked by a central rotor and a peripheral stator. Rotation of the ring of c-subunit in F₀ is proposed to allow protons to be carried A prominent part of the F₀ motor consists of an oligomeric c-subunit assembly in the shape of a ring, which consists of 10 to 15 monomers (Cross 2004). The structure of the main part of the ATP synthase show the tiny motor made from 3,500 amino acids is remarkably reminiscent of man-made motor (Yoshida and Muneyuki *et al* 2001).
- 11C: Obviously, Ezekiel saw the “composed of two linked multi-subunit (22-27 subunits) complexes”, as “a wheel intersecting a wheel. Their rims were high and awesome, and all four rims were full of eyes all around”.
- 12A: Ezekiel described: “Spread out above the heads of the living creatures was what looked like an expanse, sparkling like ice, and awesome”.
- 12B: According to the biological books, the membrane separates the cell from the outside world. The membrane architecture is a lipid bilayer and proteins embedded in the bilayer.
- 12C: Obviously, Ezekiel saw structure of membrane looked like “ice” or “crystal” from cytoplasm toward outside.
- 13A: Ezekiel described: “when the creatures moved, I heard the sound of their wings, like the roar of rushing waters”.
- 13B: According to the biological books, the “space” inside of cell under the membrane called cytoplasm. The entire cell including nucleus is full of water and also the enzyme-catalyzed reactions take place in aqueous solutions.
- 13C: Obviously, Ezekiel saw structure of cytoplasm looked like “rushing waters”.
- 14A: Ezekiel described: “In it was a scroll, which he unrolled before me. On both sides of it were written words”.
- 14B: According to the characteristics of genome and genes, the length of a human DNA molecule twines into a “roll” of chromosome. Both strands of DNA are sequenced with A, T, C, and G (words), one is up side another is down side.
- 14C: Obviously, Ezekiel saw structure of chromosome, genome and genes looked like a “scroll”.
- 15A: Ezekiel recorded: “eat this scroll I am giving you and fill your stomach with it.’ So I ate it, and it tasted as sweet as honey in my mouth”.
- 15B: According to the biological books, the DNA, a unique biological material, certainly can be eaten and contains sugar (pentose sugar), “sweet” indeed.
- 15C: Obviously, Ezekiel demonstrated that “scroll” was DNA, a biological material “scroll”, but a common book made from wood, silk, cloth, paper or stone.

Face the facts of Ezekiel Code and biological scientific discoveries, we first conformed the concordance of the Ezekiel Code to DNA. The major figure, characters



and details in the 2500-year old image exactly matched the structures and functions of DNA and nucleotides. It is impertinency if adjudicate it as a coincidence by accident. If produce a carton movie according to the consecutive 1000-word paragraphs that might be a nice teaching-film

for introducing DNA to public.

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