

|                  |                        |                      |                     |                        |
|------------------|------------------------|----------------------|---------------------|------------------------|
| <b>B</b>         | <b>I</b>               | <b>N</b>             | <b>G</b>            | <b>O</b>               |
| Sperm<br>Cell    | 23<br>Chromosomes      | DNA                  | Nitrogenous<br>Base | Genetic<br>Information |
| C(CYTOSINE)      | Phosphate<br>Molecules | James<br>Watson      | 46 Total            | Mother                 |
| Parent           | Sugar<br>Molecules     | <b>FREE</b>          | A(ADENINE)          | Egg<br>Cells           |
| Francis<br>Crick | Nuclear<br>DNA         | G(GUANINE)           | Double<br>Helix     | Hydrogen<br>Bonds      |
| DNA              | BackBones              | Mitochondrial<br>DNA | T(THYMINE)          | Complementary          |

|                 |                   |                     |                     |                |
|-----------------|-------------------|---------------------|---------------------|----------------|
| <b>B</b>        | <b>I</b>          | <b>N</b>            | <b>G</b>            | <b>O</b>       |
| Sugar Molecules | 46 Total          | Nitrogenous Base    | C(CYTOSINE)         | James Watson   |
| DNA             | T(THYMINE)        | Genetic Information | BackBones           | Mother         |
| Francis Crick   | A(ADENINE)        | <b>FREE</b>         | Egg Cells           | 23 Chromosomes |
| Double Helix    | Mitochondrial DNA | Sperm Cell          | Complementary       | Nuclear DNA    |
| G(GUANINE)      | Hydrogen Bonds    | Parent              | Phosphate Molecules | DNA            |

|                    |                      |                     |                        |                        |
|--------------------|----------------------|---------------------|------------------------|------------------------|
| <b>B</b>           | <b>I</b>             | <b>N</b>            | <b>G</b>               | <b>O</b>               |
| BackBones          | Mitochondrial<br>DNA | 46 Total            | Hydrogen<br>Bonds      | A(ADENINE)             |
| Sperm<br>Cell      | Francis<br>Crick     | G(GUANINE)          | Phosphate<br>Molecules | Genetic<br>Information |
| Parent             | Complementary        | <b>FREE</b>         | Nuclear<br>DNA         | Double<br>Helix        |
| Sugar<br>Molecules | Mother               | Nitrogenous<br>Base | T(THYMINE)             | DNA                    |
| Egg<br>Cells       | 23<br>Chromosomes    | James<br>Watson     | C(CYTOSINE)            | DNA                    |