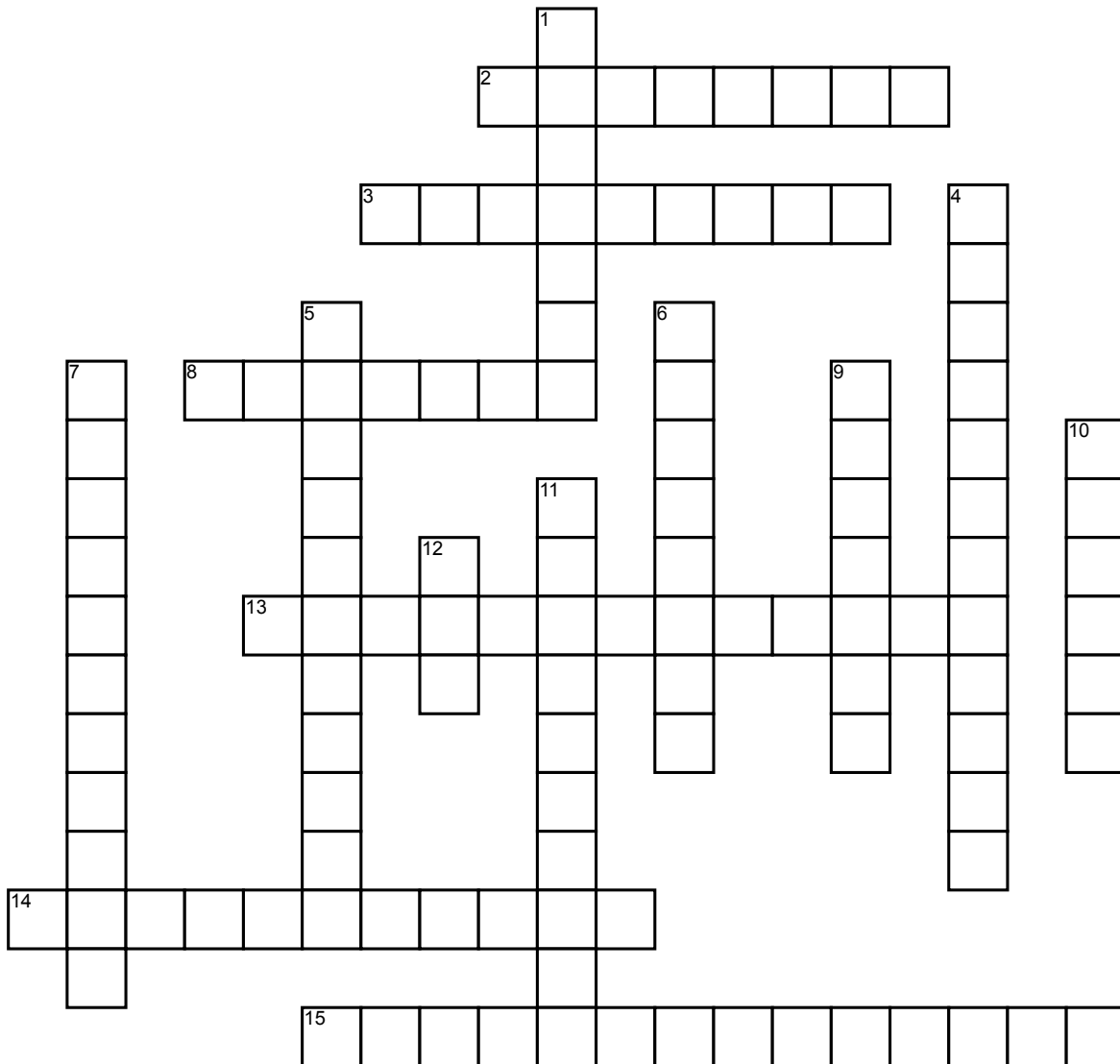


# DNA Crossword Puzzle



## **Across**

- 2.** A change or alteration in the nucleotide base sequence of a gene or DNA molecule  
**3.** Building block of proteins that are added to a protein chain in a ribosome based on the information encoded in the mRNA sequence  
**8.** Always pairs with Thymine  
**13.** The process of making mRNA from DNA  
**14.** The shape of DNA

- 15.** The process of copying DNA

## **Down**

- 1.** Always pairs with Cytosine  
**4.** A weak chemical bond that keeps the two sides of the DNA held together  
**5.** The sugar found in DNA  
**6.** A letter in the DNA alphabet that has the same first letters of a cell part that is a jelly like fluid and contains all of the cell parts

- 7.** Carried out by ribosomes, information encoded in mRNA is used to produce a protein  
**9.** A nucleotide found in DNA but not RNA.  
**10.** A letter in the DNA alphabet that bonds with Adenine only in RNA  
**11.** Composed of sugar, a base, and a phosphate  
**12.** A double stranded molecule that replicates and determines inherited traits in viruses and organisms. These are the building blocks of life