

Wordsearch



Adenine – A nucleotide component of DNA/RNA

Amino acid – Building blocks of proteins

Analysis – Determination and comparison of genetic sequences

Annotation – The process of attaching biological information to DNA sequence e.g. where genes are

Bioinformatics – The application of computer science to molecular biology

Codon – A series of 3 sequential nucleotides in a DNA/RNA molecule which codes for an amino acid

Cytosine – A nucleotide component of DNA/RNA

Genome – All hereditary information in an organism (either DNA or, for many viruses, RNA)

Guanine – A nucleotide component of DNA/RNA

Mutation – Changes to the genome sequence

Polymerase – An enzyme responsible for the sequential addition of nucleotides to make a new DNA or RNA molecule from an existing template

Sequencing – To determine the primary structure of, for instance, DNA

Thymine – A nucleotide component of DNA/RNA

Transcription – The process of creating a complementary RNA strand of a DNA sequence

Translation – The process of deciphering messenger RNA into an amino acid sequence which will fold into a protein

TGAC 
The Genome Analysis Centre™