

## **DNA, RNA and PCR**

Alt-text Figure 7 - Difference between DNA and RNA molecules

DNA: deoxyribonucleic acid is represented by a double-stranded helix. The bases are paired as adenine-thymine and cytosine-guanine, forming "stores" of genetic code. RNA: ribonucleic acid is usually a single-stranded helix that codifies the instructions for building proteins. RNA is composed of the nucleotides adenine, cytosine, guanine and has uracil replacing thymine.