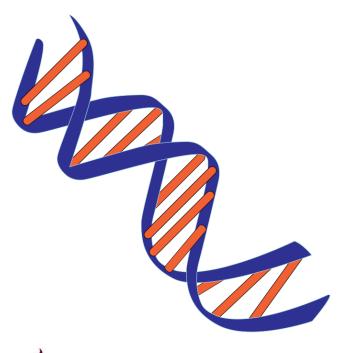
How We Define Genomics



GenomeAlberta

- It is the study of genetic information of an organism encoded in DNA and its corresponding complements such as RNA, proteins, and metabolites.
- These components work together to define all species such as microorganisms, plants, animals, and humans.
- Analysis of genome function and structure can enhance our understanding of life from the cellular level to ecosystem dynamics as well as provide socioeconomic benefit.