**Concepts/Terminology of Molecular Biology, Genetics**

|  |
| --- |
|  |
| |  | | --- | | **Scitable by Nature Education**  Excellent Hyperlinked Text  <https://www.nature.com/scitable/topics/>  <https://www.nature.com/scitable/topic/genetics-5/>  <https://www.nature.com/scitable/ebooks/>  <https://www.nature.com/scitable/index/> |  |  | | --- | | **Expanded encyclopaedias of DNA elements in the human and mouse genomes**  Published: 29 July 2020 <https://www.nature.com/articles/s41586-020-2493-4> |  |  | | --- | | **NCBI Genome Assemblies and Resources**  Genome Assemblies and Annotation: Information concerning how assemblies are produced, maintained and annotated.  <https://www.ncbi.nlm.nih.gov/projects/genome/index.shtml> |  |  | | --- | | **NCBI Genome Glossary**  Commonly Used Genome Terms  <https://www.ncbi.nlm.nih.gov/projects/genome/glossary.shtml> |  |  | | --- | | **NIH / National Human Genome Research Institute (NHGRI) / Glossary of Terms**  <https://www.genome.gov/genetics-glossary> |   **Genetics Wikipedia**  <https://en.wikipedia.org/wiki/Genetics>  <https://en.wikipedia.org/wiki/Introduction_to_genetics>  **[Molecular Biology Basics] Lesson 1 - What is DNA?**  <https://www.youtube.com/watch?v=MHr9yoPWv90>  **[Molecular Biology Basics] Lesson 2 - DNA structure**  <https://www.youtube.com/watch?v=NQLDtz8zvCA>  **DNA sequencing**  Encyclopedia Britanica  <https://www.britannica.com/science/DNA-sequencing>  **Transcription (biology)**  <https://en.wikipedia.org/wiki/Transcription_(biology)>  **Functional genomics**  Wikipedia  <https://en.wikipedia.org/wiki/Functional_genomics>  **Epigenetics**  Wikipedia  <https://en.wikipedia.org/wiki/Structural_genomics>  **Structural genomics**  Wikipedia  <https://en.wikipedia.org/wiki/Structural_genomics>  **Population genomics**  Wikipedia  <https://en.wikipedia.org/wiki/Population_genomics>  **ENCODE: Encyclopedia of DNA Elements**  <https://www.encodeproject.org/> |

Single Nucleotide Variants SNV

Single Nucleotide Polymorphisms SNP

Structural Variants

Functional Annotations

Whole Genome Sequencing (WGS)

Whole Exome Sequencing (WES)