

Bioinformatics Lab.

CHAPTER I TERMS 2

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- Human Genome Project: has been invested \$3,000,000,000
- Rosetta Stone
- HUGO (The Human Genome Organization) Dr. Francis Collins
- Celera Genomics Dr. Craig Venter
- DOE (Department of Energy, USA)
- JGI (Joint Genome Institute)
- BGI (Beijing Genomics Institute)
- 10K project
- 1KP project
- NIH (National Institutes of Health)
- NCBI (National Center for Biotechnology Information)
- GenBank (NOT Gene Bank): sequence database in the NCBI
- EMBL (European Molecular Biology Laboratory)
- DDBJ (DNA data Bank of Japan)
- Search Engines: **Entrez** (GenBank), SRS (EMBL), getentry (DDBJ)
- **Entrez** search: ex) Magnolia and complete and "Soltis"[AU]
- PubMed: journal database by National Library of Medicine
- Assession Number
- Assession number version
- gi Number: independent from the assession number
- sequence
- alignment
- insertion and gap
- GenBank format
- FASTA format
- BLAST search
- Sequin