

Sr. No.	Database / Tools / Server	Description	Inputs	Results	URLs
1.	NCBI	It's a part of National Institutes of Medicines, branch of National Institutes of Health. It has a series of databases like Gene, Protein, ClinVar and so on.	For retrieval of genes: Simple search can be done via providing text word or there's an option of advanced search, where we can apply all types of filters.	Hits for query are shown in tabular form. We can download it.	https://www.ncbi.nlm.nih.gov
2.	UniProt Knowledge-base	It has rich annotations about proteins like sequence of amino acids, associated gene name, taxonomic data and so on. Swiss-Prot has manually annotated and reviewed information. Whereas TrEMBL has automatically annotated and not reviewed results.	For retrieval of genes: Simple search can be done via providing text words or there's an option of advanced search, where we can apply all types of filters.	Hits for query are shown in tabular form. We can download it.	https://www.uniprot.org