In this article, we are going to install some basic bioinformatics tools on Ubuntu from the repository. These tools include BLAST, HMMER, MUSCLE, MAFFT, several NGS analysis tools, and so on. This will be applicable to Ubuntu 16.04 or above.

### Preparing system

Open a terminal by pressing Ctrl+Alt+T. Update and upgrade your system using the following commands:

$ sudo apt-get update

$ sudo apt-get upgrade

### Installing NCBI-BLAST+

$ sudo apt-get install -y ncbi-blast+

### Installing HMMER

$ sudo apt-get install -y hmmer

### Installing Jalview

$ sudo apt-get install -y jalview

### Installing Abyss

$ sudo apt-get install -y abyss

### Installing Jmol

$ sudo apt-get install -y jmol

### Installing MAFFT

$ sudo apt-get install -y mafft

### Installing MUSCLE

$ sudo apt-get install -y muscle

### Installing CLUSTAL OMEGA

$ sudo apt-get install -y clustalo

### Installing CLUSTALX

$ sudo apt-get install -y clustalx

### Installing Mrbayes

$ sudo apt-get install -y mrbayes

### Installing Njplot

$ sudo apt-get install -y njplot

### Installing Phylip

$ sudo apt-get install -y phylip

### Installing Phyml

$ sudo apt-get install -y phyml

### Installing Pymol

$ sudo apt-get install -y pymol

### Installing Rasmol

$ sudo apt-get install -y rasmol

### Installing Readseq

$ sudo apt-get install -y readseq

### Installing T-Coffee

$ sudo apt-get install -y t-coffee

### Installing Avogadro

$ sudo apt-get install -y avogadro

### Installing Bamtools

$ sudo apt-get install -y bamtools