**2020/9/24**

Biocondaのインストール

1. Download and uncompress (~/)

wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86\_64.sh

bash Miniconda3-latest-Linux-x86\_64.sh

1. Change the PATH environment variable (in the bash\_profile and bashrc) as follows

export PATH="$PATH:$HOME/miniconda3/bin"

1. Type as follows

conda config --add channels conda-forge

conda config --add channels defaults

conda config --add channels r

conda config --add channels bioconda

1. Install packages&softwares

conda install -c bioconda -y cutadapt

conda install -c bioconda -y meme

conda install -c bioconda -y fastqc

conda install -c bioconda -y fastx\_toolkit

conda install -c bioconda -y bowtie

conda install -c bioconda -y bowtie2

conda install -c bioconda -y prinseq

conda install -c bioconda -y circos

conda install -c bioconda -y tophat

conda install -c bioconda -y cufflinks

conda install -c bioconda -y samtools

conda install -c bioconda -y bedtools

conda install -c bioconda -y sra-tools

conda install -c bioconda -y trimmomatic

conda install -c bioconda -y paralyzer

conda install -c bioconda -y star

conda install -c bioconda -y rsem

conda install -c bioconda -y bwa

conda install -c bioconda -y picard

conda install -c bioconda -y subread

conda install -c bioconda -y entrez-direct

conda install -c bioconda -y art

conda install -c bioconda -y macs2

conda install -c bioconda -y htseq

conda install -c bioconda -y rseqc

conda install -c bioconda -y fasttree

conda install -c bioconda -y trinity

conda install -c bioconda -y fastp

conda install -c bioconda -y hmmer

conda install -c bioconda -y prodigal

conda create -n checkm -c bioconda -y checkm-genome

conda install -c bioconda -y hisat2

conda install -c bioconda -y stringtie

conda install -c bioconda -y ea-utils

conda install -c bioconda -y trim-galore

conda install -c bioconda -y pigz

conda install -c bioconda -y deeptools

conda install -c bioconda -y TransDecoder

conda install -c bioconda -y bbmap

conda install -c bioconda -y seqkit

conda install -c bioconda -y sortmerna

conda install -c bioconda -y fastq-screen

conda install -c bioconda -y bamscale

conda install -c bioconda -y blast

conda install -c bioconda -y byobu

conda install -c bioconda -y htop

conda install -c imperial-college-research-computing -y mixcr

conda install -c bioconda -c conda-forge multiqc -y

conda install -c aroth85 -y vdjtools

conda install -c bioconda -y trim-galore

conda install -c bioconda -y gffcompare