PLB812_Lab1 Genomic File Download Verification

```
bash: cd: miniconda: No such file or directory
(base) -bash-4.2$ cd miniconda3
(base) -bash-4.2$ cd Solanum
(base) -bash-4.2$ cd Genomic
(base) -bash-4.2$ ls
cds_from_genomic.fna   chrPltd.fna   genomic.gbff   genomic.gtf   ncbi_error_report.txt   protein.faa   rna.fna   unplaced.scaf.fna
(base) -bash-4.2$ █
```

PLB812_Lab1 Genomic File Download Verification: CDS

PLB812_Lab1 Genomic File Download Verification: CHR

PLB812_Lab1 Genomic File Download Verification: GBFF


```
(base) -bash-4.2$ head genomic.gbff
LOCUS       NW_006238927            7090834 bp    DNA     linear   CON 05-JAN-2016
DEFINITION  Solanum tuberosum cultivar DM 1-3 516 R44 unplaced genomic
            scaffold, SolTub_3.0 scf00001, whole genome shotgun sequence.
ACCESSION   NW_006238927
VERSION     NW_006238927.1
DBLINK      BioProject: PRJNA225997
            BioSample: SAMN02981305
            Assembly: GCF_000226075.1
KEYWORDS    WGS; RefSeq.
SOURCE      Solanum tuberosum (potato)
(base) -bash-4.2$
```

PLB812_Lab1 Genomic File Download Verification: RNA

PLB812_Lab1 Genomic File Download Verification: SCAF

```
(base) -bash-4.2$ head unplaced.scaf.fna
>NW_006238927.1 Solanum tuberosum cultivar DM 1-3 516 R44 unplaced genomic scaffold, SolTub_3.0 scf00001, whole genome shotgun sequence
ATTTATTTCCCATTTTATTTATGTATTATTAAATGTTTCTGAATAATACCTACCATGATGTTCTATCGTATTGCCATCAT
ACCTATATTTTAATATTCCTCCATAACTTTTTTCACTCGCATCTAATTCTATTATATAAGTAAATTTTTTGTTTTCATCT
GGAAAGTATAGTTTAGGTAAGTTTTTACATAACAATTTTACCTTTTGTATTTGTATTTGGTCTCTTTTTATTAAACTGAT
ATTCTATATCTTTATTTAATTTTTGTTGTAATGGTTTTAAATTCTCTGCTACTTTTGGTATATATTCTCTTACTTGATTT
ACTAGTCCTAAGAATGATTGTAATTTCTTTTTCGTATCTAGTTGTTCATTTGAGTTAATTATTTTTGTACTATATGTGCT
TGCATTTTTATTCCATTTTTATCTATTTGAATTCCTAAAAATTCGATTTGCTTTTTCATTATGTCTGCTTTCATTTTACT
TAGACTTATGCCTGAATACTCTATAATATGTATAAATTTTTCTAATAATCTTATGTGTTCATCTTGTGTTTTGGAATACA
GTAATATATCATCAATATATACTACGCAATTTTCTAGTTGTTTAAAATAGTTATCCATAAAGTGTTGGTATCTACCTGGT
GCATTTTTATATCCAAATGGTAATACATTCCATTTATAAAATCCTTGCGGTACCGTAAATGTTGTATATTTATTAGATTC
(base) -bash-4.2$
```

PLB812_Lab1 Genomic File Download Verification: GTF

PLB812_Lab1 Genomic File Download Verification: Protein

SRR download/fastq-dump Verification

PLB812_Lab1 SRR Download Verification

```
(base) -bash-4.2$ head SRR5448235_1.fastq
@SRR5448235.1 FCC3MNJACXX:6:1101:1499:2149# length=100
GTTCCGGAAGCATGCTTCTTCTTCAGAGCATCAATCAGATCATTTGCATAGAGGTAAGGATCGGTAGGCATCCCAATCACTCCAGCACCTCCATGATCAC
+SRR5448235.1 FCC3MNJACXX:6:1101:1499:2149# length=100
CCCFFFFFHHHHFIJIJJJJJJJJJIGHGHIJJJGHIGIIIJJIIIJIGIJJJIFFHIIJIHGI;CBHHHHHHFFDFEEEEEEDDDDDDDDDDCDDDDED
@SRR5448235.2 FCC3MNJACXX:6:1101:1529:2072# length=100
CNCCCAGAAAGTTTGGAGTTGTTGCTGCAATTGTTGCTGCTGCTGCTGATGAATGTGCTGATAAGCGAGCTGATGTTGTGCCATCTGGGCTGACGAAGCA
+SRR5448235.2 FCC3MNJACXX:6:1101:1529:2072# length=100
C#1ADDFFGHHFFIEIHHHHJIJJJJIIJIJJJEHIJIGIIIJIJJJJGHJGIHIHIHEIGGII:FHEGHEE@DEFBEFCCECCCDDDDBDDDDB?=?B>
@SRR5448235.3 FCC3MNJACXX:6:1101:1625:2080# length=100
GCCACACTCATTTGTTCCTCTCCTAATCTTGAAGTATCCATCTTCACCCCAGCCTCTATTCCAAGAATTAACAATGAGCCAATAGTCCTCTCCTTGCTCA
(base) -bash-4.2$ 
```