

# Universidad Regional Amazónica Ikiam

## Bioinformática (GBI6)

### Evidencias de la actividad TC2\_Unix2Github1

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Grupo: 02

Fecha: 30/04/2023

- Copiar las columnas "id", "eigenvector" y "betweenness" a "EigenBetw.tsv"

```
MINGW64:/c:/Users/TOSHIBA/Downloads/CSB-master/CSB-master/unix/data
TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~
$ echo "Josue Leonardo Chango Gómez"
Josue Leonardo Chango Gómez

TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~
$ cd Downloads/CSB-master/CSB-master/unix/data/

TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~/Downloads/CSB-master/CSB-master/unix/data
$ cut -d ";" -f 1,4,6 AgGCN1.0_properties.csv >> EigenBetw.tsv

TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~/Downloads/CSB-master/CSB-master/unix/data
$ ls
AgGCN1.0_properties.csv  Gesquiere2011_about.txt  Pacifici2013_about.txt
Bashscript.sh*          Gesquiere2011_data.csv  Pacifici2013_data.csv
Buzzard2015_about.txt   Marra2014_about.txt     Saavedra2013/
Buzzard2015_data.csv    Marra2014_data.fasta    Saavedra2013_about.txt
EigenBetw.tsv           Orden.csv                miRNA/
```

- Bash Script 1

```
MINGW64:/c:/Users/TOSHIBA/Downloads/CSB-master/CSB-master/unix/data
TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~/Downloads/CSB-master/CSB-master/unix/data
$ echo Josue Leonardo Chango Gomez
Josue Leonardo Chango Gomez

TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~/Downloads/CSB-master/CSB-master/unix/data
$ nano tc2_Josuechango.sh

TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~/Downloads/CSB-master/CSB-master/unix/data
$ cat tc2_Josuechango.sh
#!/bin/bash
echo -e "\n"
echo "Comando para escoger las primeras 7 filas"
echo -e "\n"
head -n 7 EigenBetw.tsv
echo -e "\n"
echo "Comando para escoger las últimas 5 filas"
tail -n 5 EigenBetw.tsv

TOSHIBA@DESKTOP-MSHF1G3 MINGW64 ~/Downloads/CSB-master/CSB-master/unix/data
$ bash tc2_Josuechango.sh

Comando para escoger las primeras 7 filas

id,Gene name,strength,eigenvector,close,betweenness,community,core4854,core6920,core7464
AGAP0000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,
AGAP0000005,,78.95,0.013750498,0.239440138,0.000171241,3,core4854,,
AGAP0000007,IGL1,1.36,7.90E-06,0.190212304,0,1,,,
AGAP0000008,,42.16,0.000383447,0.223760993,1.22E-06,8,,,
AGAP0000009,,80.25,0.013802427,0.242451001,0.000654142,3,core4854,,
AGAP0000010,,3.64,0.000101576,0.210887918,0,1,,,

Comando para escoger las últimas 5 filas
AGAP029781,,13.25,0.000987921,0.198788789,1.49E-05,3,,,
AGAP029784,St3,20.57,3.45E-05,0.194780906,0.000155039,7,,,
AGAP029786,,13.24,0.000146935,0.211776467,5.04E-05,4,,,
AGAP029787,,4.01,9.99E-06,0.181474946,1.22E-07,8,,,
AGAP029789,,161.71,0.001757408,0.236271301,0.001160083,4,core4854,,
```

MINGW64:/c/Users/TOSHIBA/Downloads/CSB-master/CSB-master/unix/data

```
GNU nano 7.2 tc2_Josuechango.sh
#!/bin/bash
echo -e "\n"
echo "Comando para escoger las primeras 7 filas"
echo -e "\n"
head -n 7 EigenBetw.tsv
echo -e "\n"
echo "Comando para escoger las últimas 5 filas"
tail -n 5 EigenBetw.tsv
```