

DEBER 1 - BIOINFORMÁTICA

Nombre: Angélica Flores

Capturas

```
aula@LAB-D-E3 MINGW64 ~/Desktop
$ cd

aula@LAB-D-E3 MINGW64 ~
$ cd Documents/

aula@LAB-D-E3 MINGW64 ~/Documents
$ mkdir tc2_Flores_Angelica

aula@LAB-D-E3 MINGW64 ~/Documents
$ mv AgGCN1.0_properties.csv tc2_Flores_Angelica

aula@LAB-D-E3 MINGW64 ~/Documents
$ cd tc2_Flores_Angelica

aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ head -n 2 AgGCN1.0_properties.csv
id,Gene name,strength,eigenvector,close,betweenness,community,core4854,core6920,
core7464
AGAP000002,,40.75,0.008787135,0.231913559,2.91E-05,3,,,
```

```
aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ cut -d "," -f 1,4,6 AgGCN1.0_properties.csv > EigenBetw.tsv

aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ head EigenBetw.tsv
id,eigenvector,betweenness
AGAP000002,0.008787135,2.91E-05
AGAP000005,0.013750498,0.000171241
AGAP000007,7.90E-06,0
AGAP000008,0.000383447,1.22E-06
AGAP000009,0.013802427,0.000654142
AGAP000010,0.000101576,0
AGAP000011,0.028812269,7.34E-05
AGAP000012,0.000156442,4.72E-05
AGAP000013,0.002796483,0.000830249

aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ nano tc2_FloresAngelica.sh

aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ bash tc2_FloresAngelica.sh
7 primeras filas y las 5 ultimas filas
```

```
7 primeras filas
```

```
id,eigenvector,betweenness
AGAP0000002,0.008787135,2.91E-05
AGAP0000005,0.013750498,0.000171241
AGAP0000007,7.90E-06,0
AGAP0000008,0.000383447,1.22E-06
AGAP0000009,0.013802427,0.000654142
AGAP0000010,0.000101576,0
```

```
5 ultias filas
```

```
AGAP029781,0.000987921,1.49E-05
AGAP029784,3.45E-05,0.000155039
AGAP029786,0.000146935,5.04E-05
AGAP029787,9.99E-06,1.22E-07
AGAP029789,0.001757408,0.001160083
```

```
aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ nano tc2_FloresAngelica2.sh
```

```
aula@LAB-D-E3 MINGW64 ~/Documents/tc2_Flores_Angelica
$ head EigenBetw5.csv
AGAP0000045,3.02E-05,0
AGAP0000065,0.000236801,0
AGAP0000075,3.44E-05,0
AGAP0000355,5.42E-07,0
AGAP0000415,3.66E-05,0
AGAP0000625,2.87E-07,0
AGAP0000715,5.54E-05,0
AGAP001225,0.000167081,0
AGAP001275,2.28E-05,0
AGAP001475,0.000226399,0
```