



IO17 | Large Scale Bioinformatics for Immuno-Oncology

Neoantigens: exercise 2

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Exercise 2: variant annotation



To use TIminer, Docker must be running on your computer!

We have access to VCF file reporting the somatic DNA mutations predicted for Patient_1 using the GRCh37/hg19 human genome annotation:

Patient_1_mutations.vcf

Predict the proteins affected by the mutations with TIminer (function TIminerAPI.**executeVep**).

Note: use „Patient_1“ as subject ID and */home/participant/databases/vep* as cache directory.

Once you get the results, answer the questions related to this exercise at:

<https://b.socrative.com/login/student/>

How to access the questions on Socrative (1)


1. Access Socrative with student access at: <https://b.socrative.com/login/student/>
2. Join the **IO17** room



Student Login

Room Name

JOIN

 English ▾

How to access the questions on Socrative (2)

3. Enter your name and click „done“ to start the quiz

I017

Enter your name

Francesca Finotello

DONE