

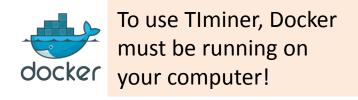
IO17 | Large Scale Bioinformatics for Immuno-Oncology

Neoantigens: exercise 2

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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 Tlminer (function TlminerAPI.executeVep).

Note: use "Patient_1" as subject ID and /ader/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)

- Access Socrative with student access at: https://b.socrative.com/login/student/
- 2. Join the IO17 room



Student Login			
Room Name			
1017			
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How to access the questions on Socrative (2)

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

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