Test: DELPHi / DIY (circle one)

Universidad de La Laguna (Spain), 26 January 2022

Your initials:

- **Question 1:** Is the candidate gene a transcription factor or part of a transcription complex?

Gene	Transcription factor / part of transcription complex? (Y/N)
HIF1A	
SMAD3	
TRAF2	
CEBPA	Transcriptic Yes / Yes

- **Question 2:** Is the candidate gene involved in an immune signalling pathway, i.e. a pathway that is immune cell-specific or a generic pathway known to operate in immune cells (e.g. the JAK-STAT, MAPK, NF-kappa B or TNF signalling pathways) ?

  You can also consider blood cell-specific pathways like leukaemias.

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	Yes, ~~non-alcoholic~~ f acute myeloid leukemia / Yes, adenoid cystic carcinom

- **Question 3:** Can you write down the known protein binding partners (if any) of each candidate gene ?

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	FOXO1_MOUSE

Nef

- **Question 4:** Can you write down the diseases each candidate gene is associated with?

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	Acute myeloid leukemia / Acute myeloid leukemia

- **Question 5:** For each candidate gene, can you find a genetic phenotype that produces an abnormal immune phenotype or disease?

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	Abnormal B cell proliferation / recurrent abnormalities in bone marrow cell proliferation

- **Question 6:** Are any of the candidate genes expressed in a type of immune cell or in a tissue or organ where immune cells are known to reside (e.g. the bone marrow, thymus, spleen and lymph nodes) ?

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	Yes, bone marrow

bone marrow

- **Question 7:** Have any of the candidate genes been studied in the context of macrophages?

Gene	PMID of paper
HIF1A	
SMAD3	
TRAF2	
CEBPA	Yes, 23023392 / Yes, 24691027

System Usability Scale

© Digital Equipment Corporation, 1986.

	Strongly disagree 1	2	3	4	Strongly agree 5	
1. I think that I would like to use this system frequently					X	4
2. I found the system unnecessarily complex	X					4
3. I thought the system was easy to use					X	4
4. I think that I would need the support of a technical person to be able to use this system	X					4
5. I found the various functions in this system were well integrated					X	4
6. I thought there was too much inconsistency in this system	X					4
7. I would imagine that most people would learn to use this system very quickly				X		3
8. I found the system very cumbersome to use	X					4
9. I felt very confident using the system					X	4
10. I needed to learn a lot of things before I could get going with this system	X					4

39

39 × 2.5 = 97.5

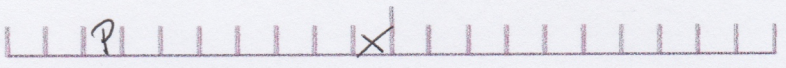
Figure 8.6

NASA Task Load Index

Hart and Staveland's NASA Task Load Index (TLX) method assesses work load on five 7-point scales. Increments of high, medium and low estimates for each point result in 21 gradations on the scales.

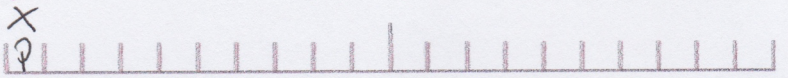
Name	Task	Date

Mental Demand — How mentally demanding was the task?



Very Low — Very High

Physical Demand — How physically demanding was the task?

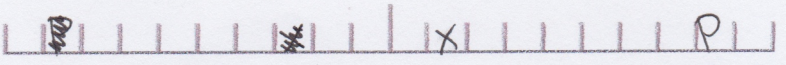


Very Low — Very High

Temporal Demand — How hurried or rushed was the pace of the task?

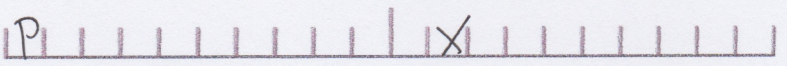
Very Low — Very High

Performance — How successful were you in accomplishing what you were asked to do?



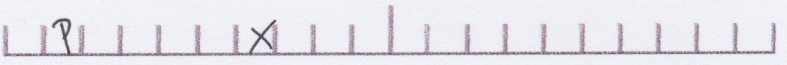
~~Perfect~~ very low — ~~Failure~~ very high

Effort — How hard did you have to work to accomplish your level of performance?



Very Low — Very High

Frustration — How insecure, discouraged, irritated, stressed, and annoyed wereyou?



Very Low — Very High

P023

[redacted]

first year PhD student
Genetics

	P	X	
Q1	21"	NCBI Gene	32"
Q2	2 8"	NCBI Gene	45"
Q3	17"	NCBI gene	59"
Q4	8"	17"	
Q5	16"	dbSNP → Pubmed	4'03"
Q6	10"	→ 9" (Encontró en el mismo artículo)	
Q7	14"	35"	

· Qué te gustó + y qué -?

(+) Todo muy ordenado y visualmente agradable y organizado.

No cansa la vista

· Qué cambiarías?

Estaría muy bien incluir que te empiece sólo la impresión que quieres.

· Algo más?