P024

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	Y Y

- **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	AML NF-KB

- **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	

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

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	

- **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 mat

abnormal B cell mat

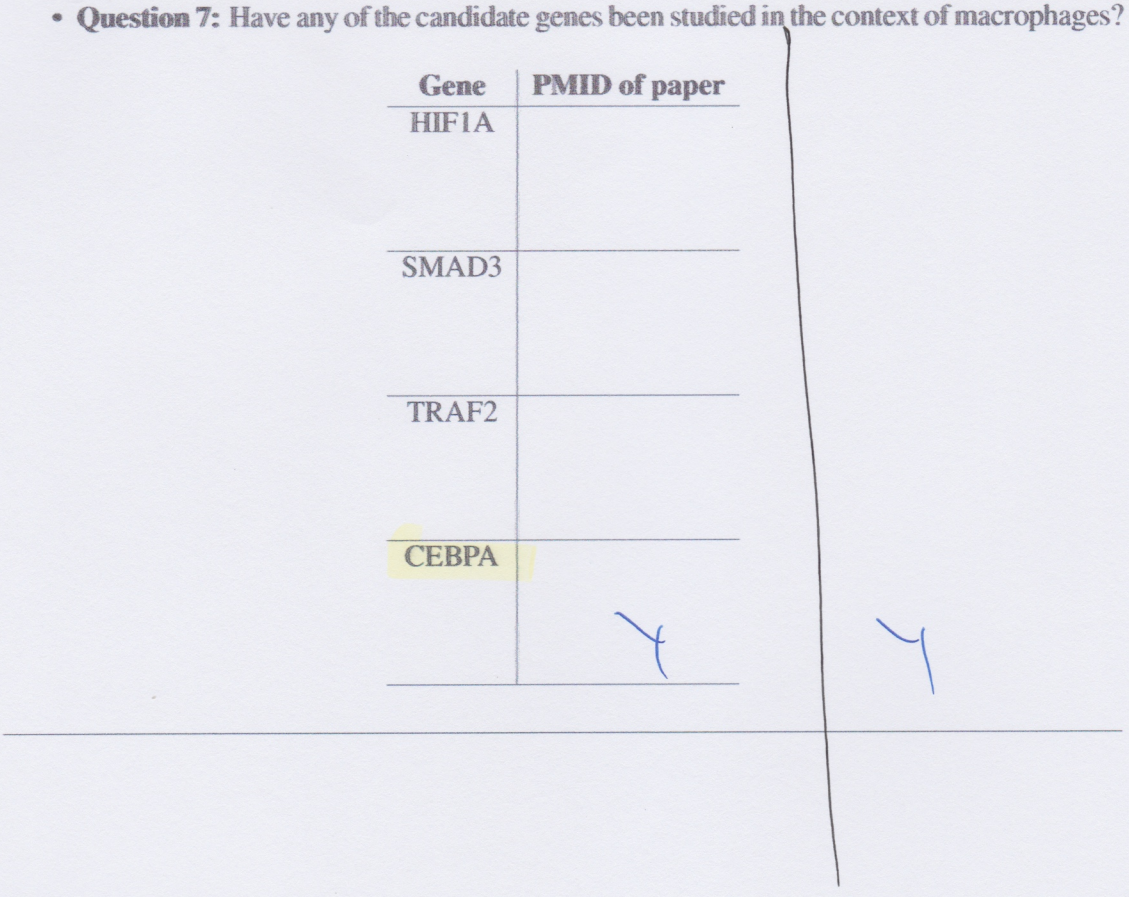
- **Question 6:** Are any of the candidate genes expressed in a type of immune cell or in a tissue or organ where immune cells are known to reside (e.g. the bone marrow, thymus, spleen and lymph nodes) ?

Gene	Annotate relevant pathways
HIF1A	
SMAD3	
TRAF2	
CEBPA	JM

MD
BM

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

Gene	PMID of paper
HIF1A	
SMAD3	
TRAF2	
CEBPA	



System Usability Scale

© Digital Equipment Corporation, 1986.

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

36 + 3 = 39

39 x 2.5 = 97.5

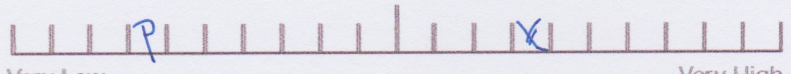
Figure 8.6

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.

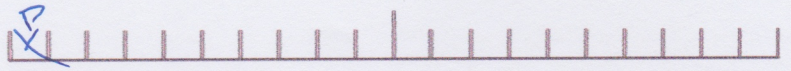
Name	Task	Date

Mental Demand — How mentally demanding was the task?



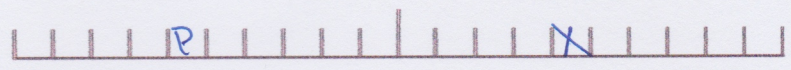
Very Low — Very High

Physical Demand — How physically demanding was the task?



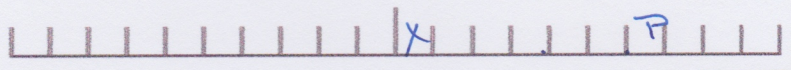
Very Low — Very High

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



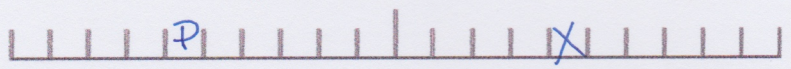
Very Low — Very High

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



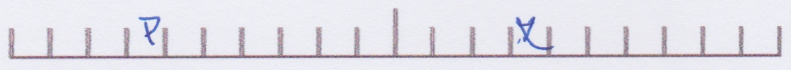
~~Perfect~~ Very Low — ~~Failure~~ Very High

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

P024

	P	X
Q1	29"	NOBI Game Cards 1'01"
Q2	1'05"	1' 27"
Q3	36"	2'04" Unimotks
Q4	17"	1' 27"
Q5	45"	NOBI game 2' 42"
Q6	25"	Game Cards 1' 02'
Q7	12"	1' 52"

¿Qué te gustó (+) y qué (−)?

(+) Como todo está muy claro y bien presentado

(−) La letra pequeña y difícil de leer

¿Qué cambiarías?

Igual la organización de las cajitas o poner menos, o tener la opción de seleccionar cuáles quieres parecer.

¿Algo más?