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I M H [1,2], K E M [2], L [2], C G [3], H J [2*], J E D [1*]

[1]Ca b d e I e f Med ca Re ea c , U e f Ca b d e, Ca b d e, U ed K d ; [2]S a P a e, Bab a a I e, Ca b d e, U ed K d ; [3]De a e f Pa U e f Ca b d e, Ca b d e, U ed K d

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( ) (Arora and Scholar, 2005; Hunter and Se...

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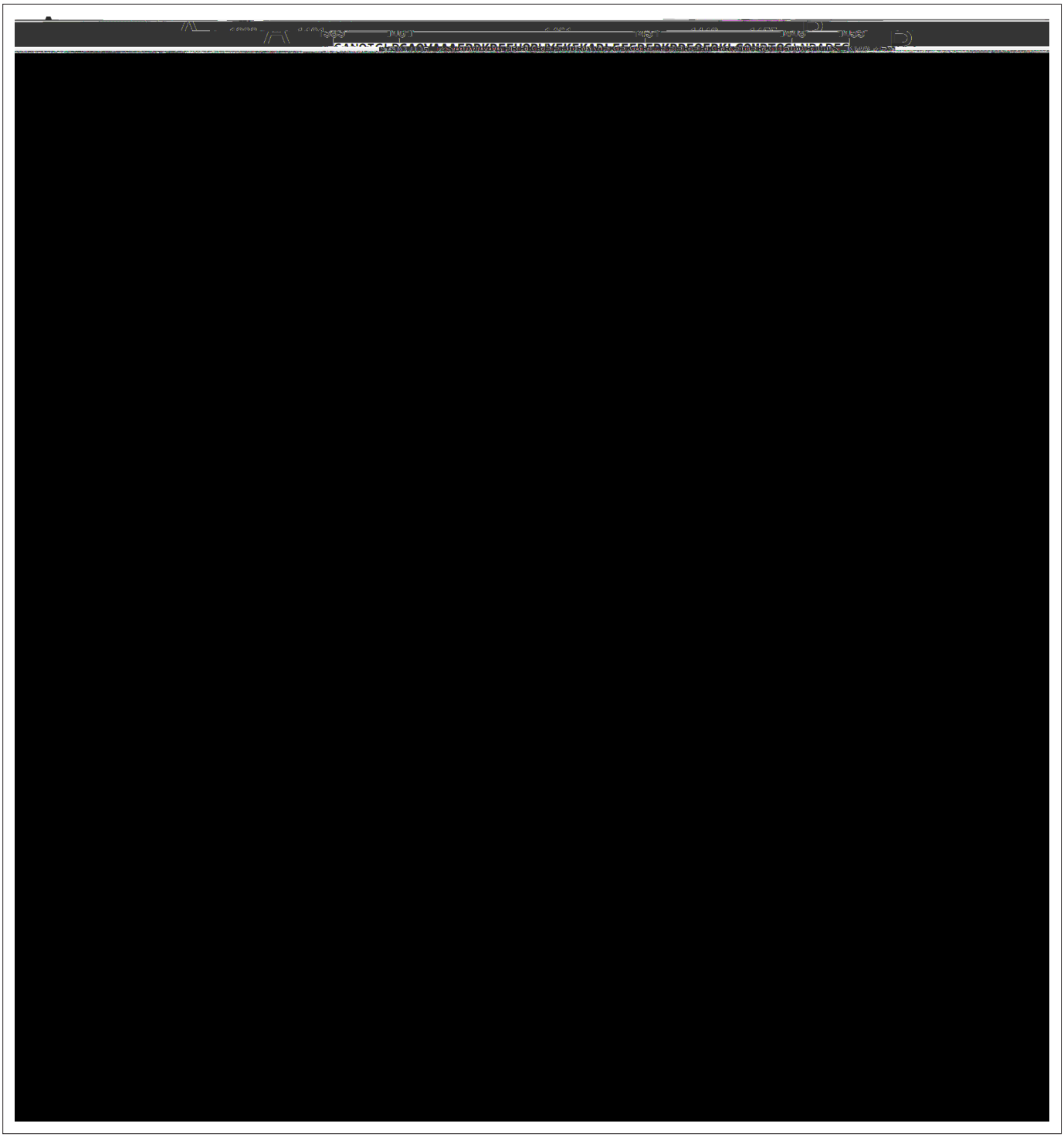
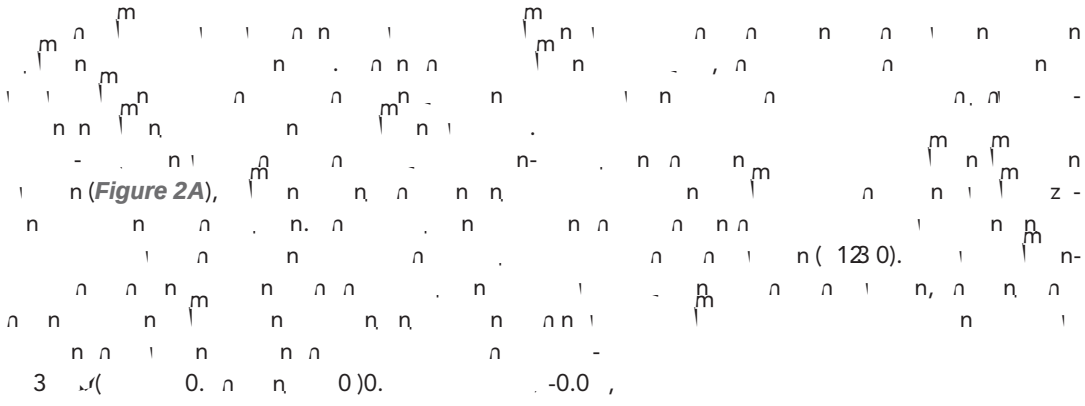


F **3.** Structural prediction of the PTPRK-



3 , 120 , 2 (*Fearnley et al., 2019*). 1 2 (*Xie et al., 2020*). (*Juettner et al., 2019*). α - (*Maruo et al., 2018*), (*Niessen and Gottardi, 2008*).

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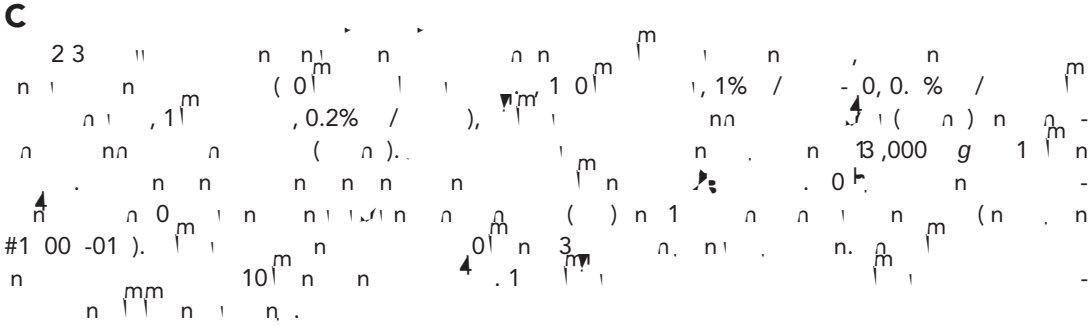

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Gene (human)	*PTPRK*		ENSEMBL: ENSG00000152894	
Gene (human)	*AFDN*		ENSEMBL: ENSG00000130396	
Cell line (human)	MCF10A	ATCC	CRL-10317	
Cell line (human)	HEK293T	D. Ron	N/A	
Transfected construct (human)	MCF10A PTPRK KO pooled.tGFP	***Fearnley et al., 2019***	N/A	Lentivirally transduced stable cell line
Transfected construct (human)	MCF10A PTPRK KO pooled.tGFP. P2A.PTPRK	***Fearnley et al., 2019***	N/A	Lentivirally transduced stable cell line
Transfected construct (human)	MCF10A PTPRK KO pooled.tGFP.P2A. PTPRK.C1089S	***Fearnley et al., 2019***	N/A	Lentivirally transduced stable cell line
Transfected construct (human)	MCF10A tGFP	***Fearnley et al., 2019***	N/A	Lentivirally transduced stable cell line

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Antibody	Anti-Tubulin (alpha) (mouse monoclonal)	Sigma	Cat#T6199	Western blot: 1:1000
Antibody	HRP-conjugated-donkey anti-goat IgG	Jackson ImmunoResearch	Cat#705-035-147	Western blot: 1:5000
Antibody	HRP-conjugated-donkey anti-rabbit IgG	Jackson ImmunoResearch	Cat#711-035-152	Western blot: 1:5000
Antibody	HRP-conjugated-donkey anti-mouse IgG	Jackson ImmunoResearch	Cat#711-035-152	Western blot: 1:5000
Antibody	HRP-conjugated-mouse anti-rabbit IgG (conformation speci□c)	Cell Signaling Technology	Cat#5127S	Western blot: 1:2000
Recombinant DNA reagent	pDd(Jtb57S)Tj0g Tw son			