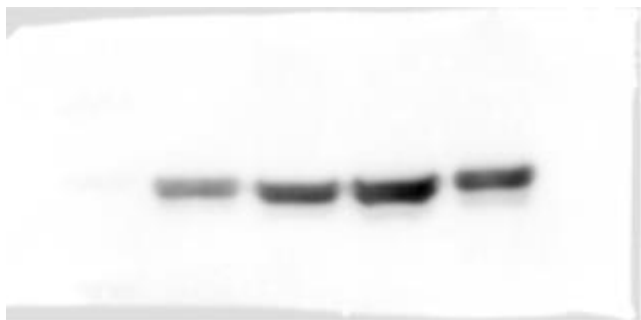
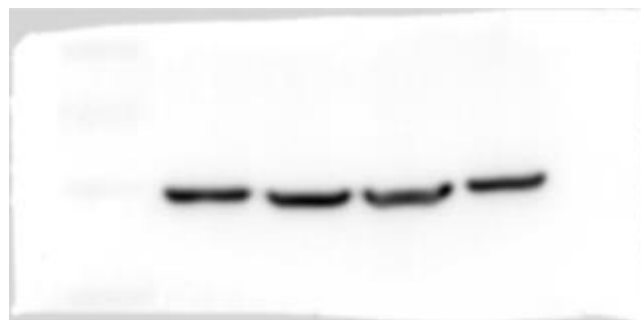


FIG.1E



BCKDK



β -actin

FIG.S1B

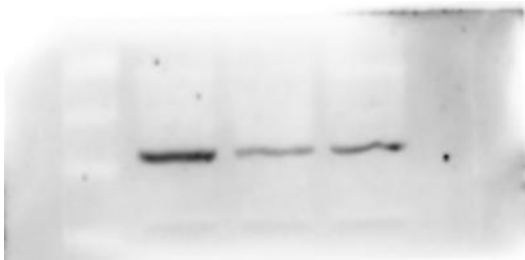


BCKDK



β -actin

FIG.2A

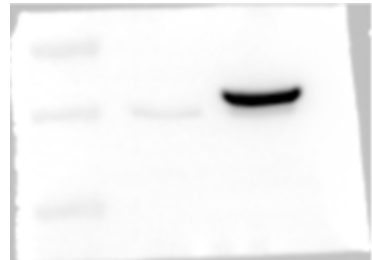


BCKDK



β -actin

FIG.2B



BCKDK



β -actin

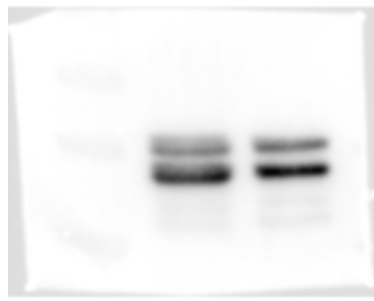
FIG.2I



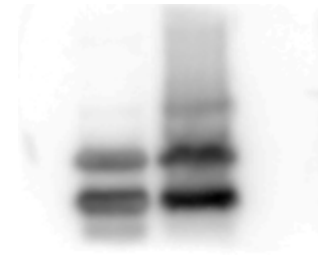
BCKDK



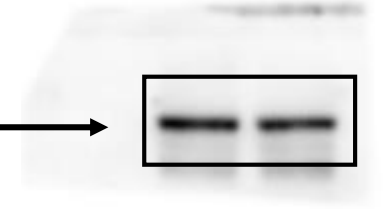
β -actin



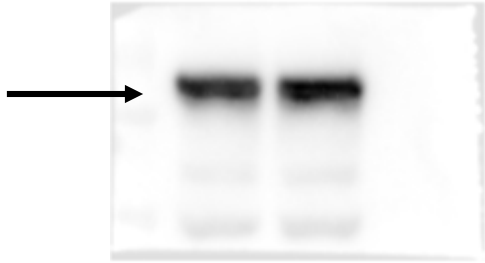
ERK1/2



P-ERK1/2



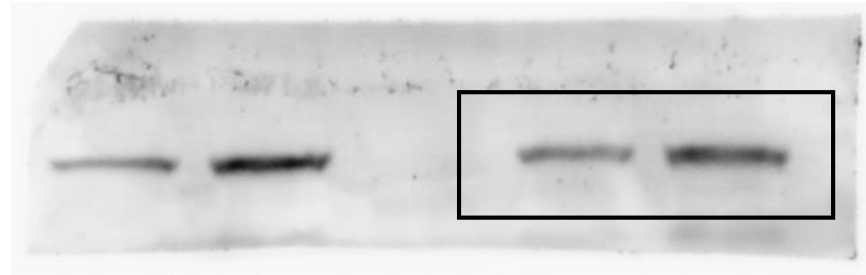
FAK



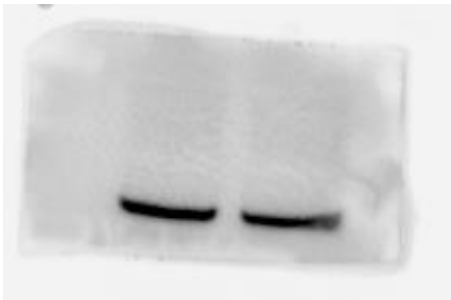
MEK1/2



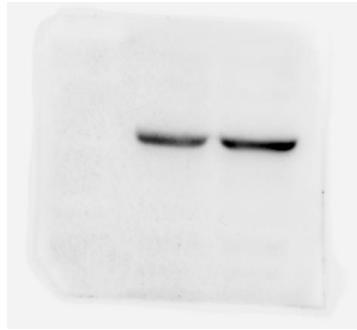
P-MEK1/2



P-FAK

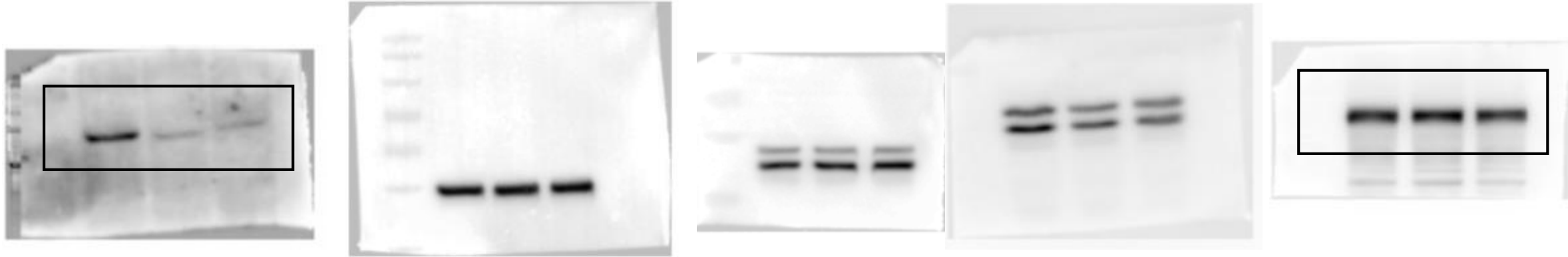


BCKDHA



P-BCKDHA

FIG.2J



BCKDK

β -actin

ERK1/2

P-ERK1/2

FAK



MEK1/2

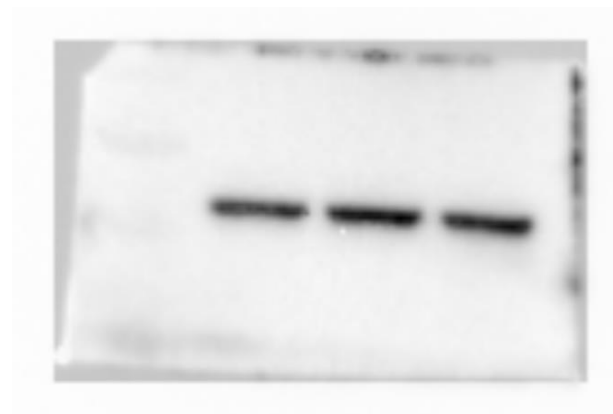
P-MEK1/2

P-FAK

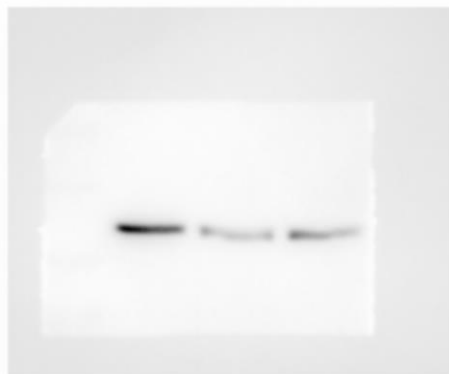
BCKDHA

P-BCKDHA

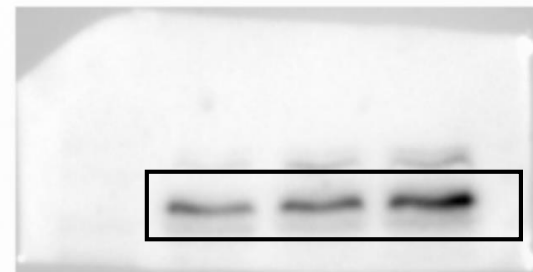
FIG.S2C



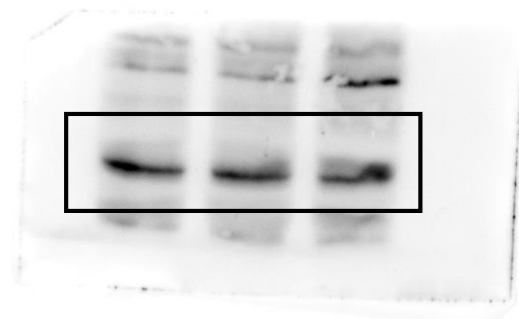
β -actin



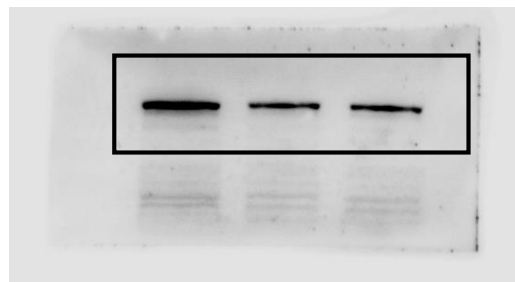
BCKDK



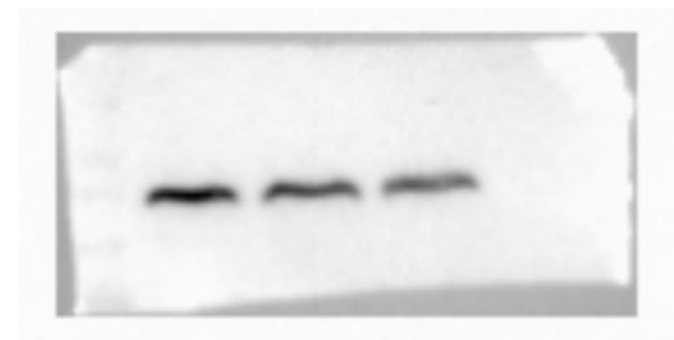
E-cadherin



MT1-MMP



ZEB1



N-cadherin

FIG.S2D



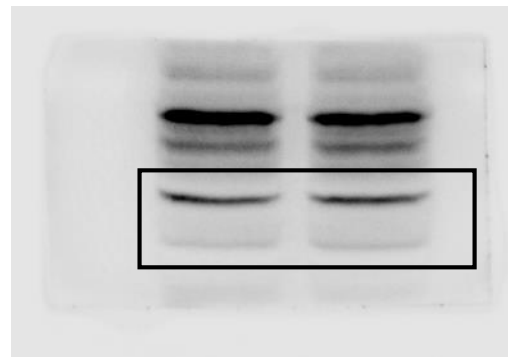
β -actin



BCKDK



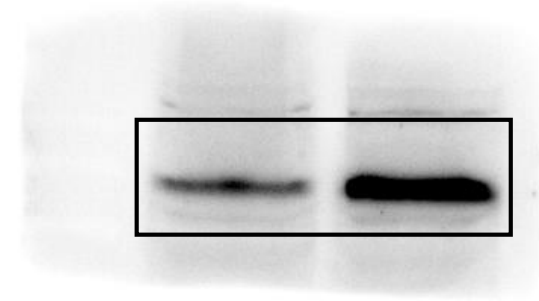
E-cadherin



MT1-MMP

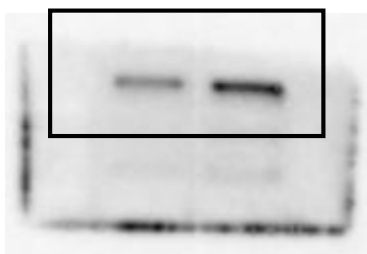


ZEB1

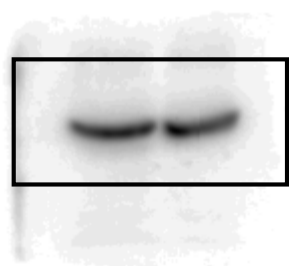


N-cadherin

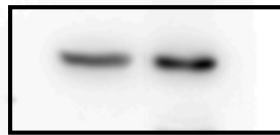
FIG.3A



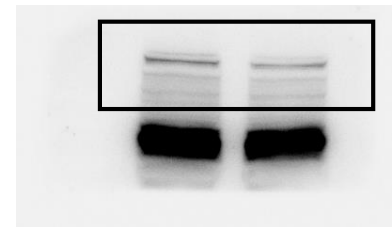
taln1



β -actin

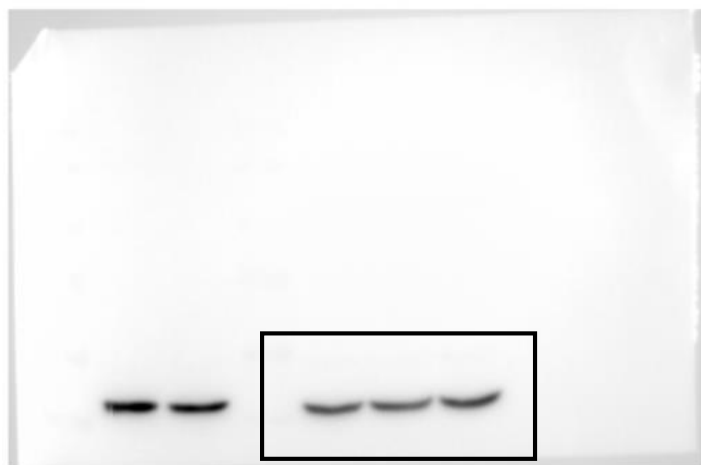


BCKDK



taln2

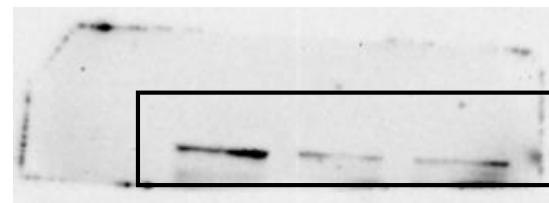
FIG.3B



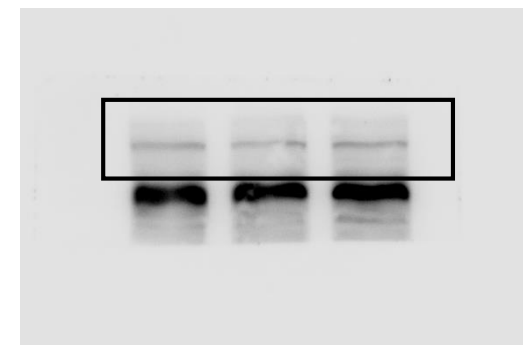
β -actin



BCKDK



taln1



taln2

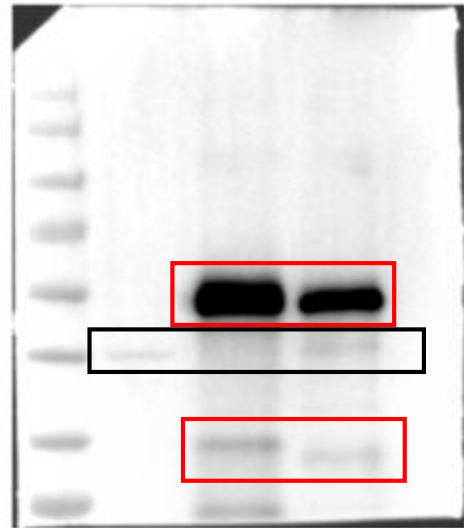
FIG.3D

KDa

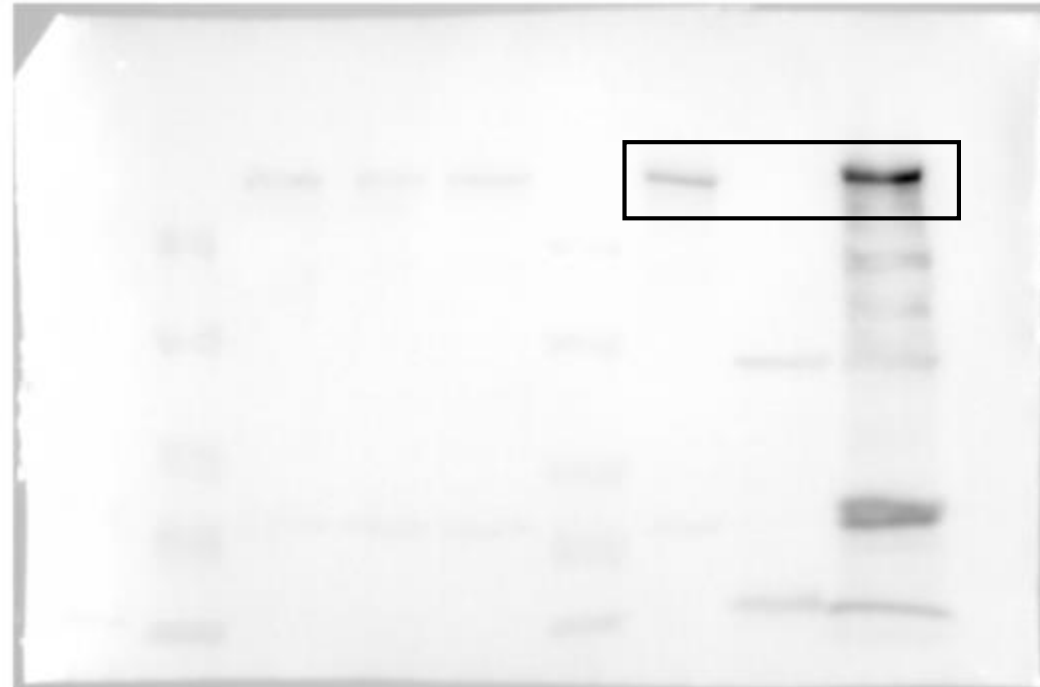
60

45

35

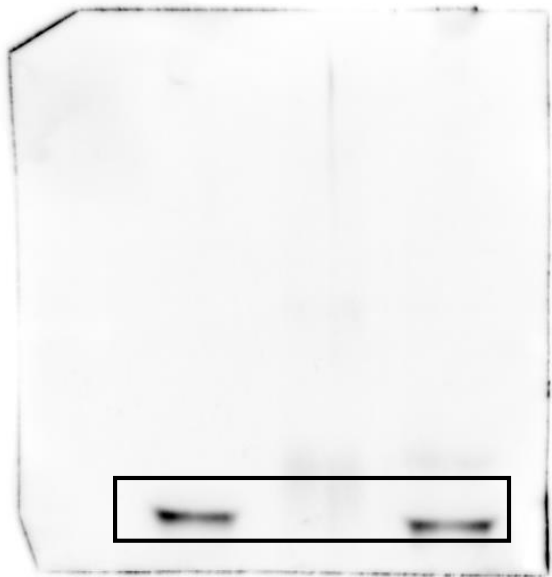


BCKDK

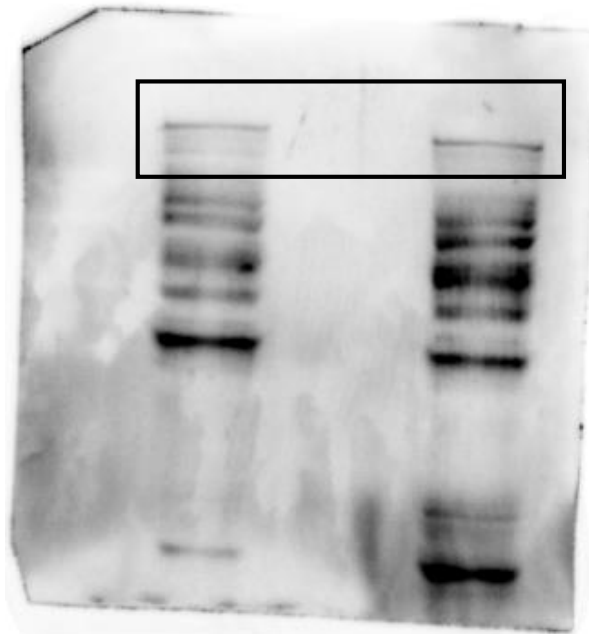


talin1

FIG.3E

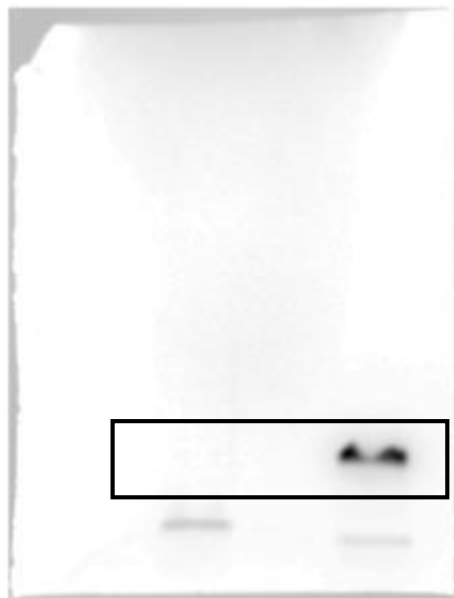


BCKDK

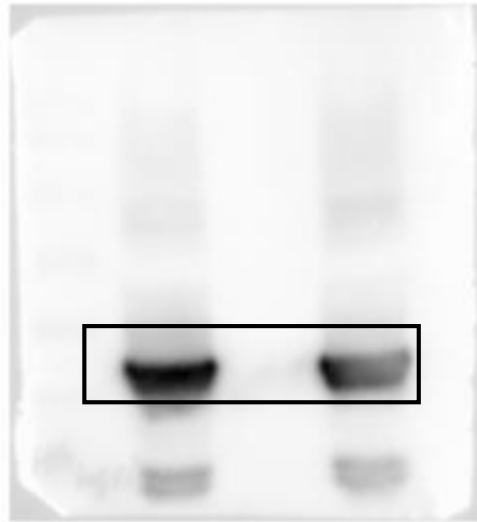


talin1

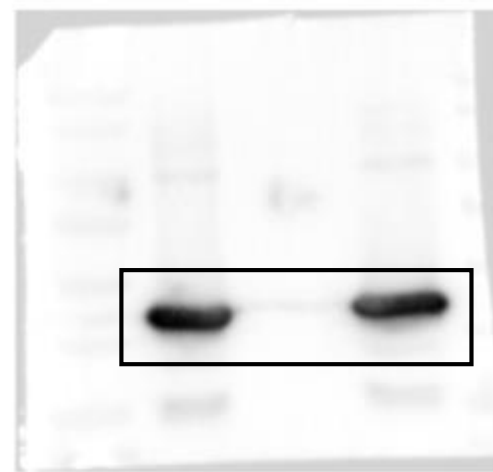
FIG.3F



IP HA



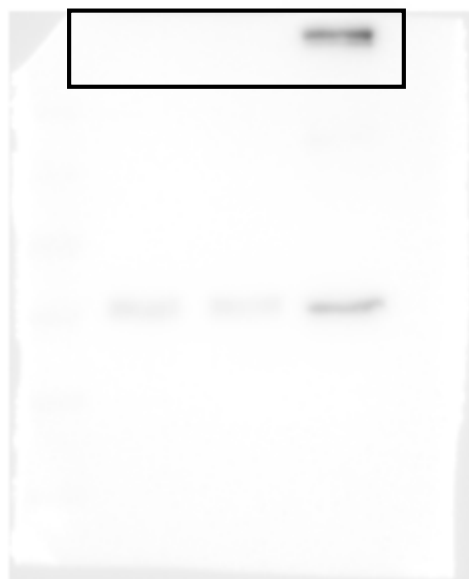
IP HA



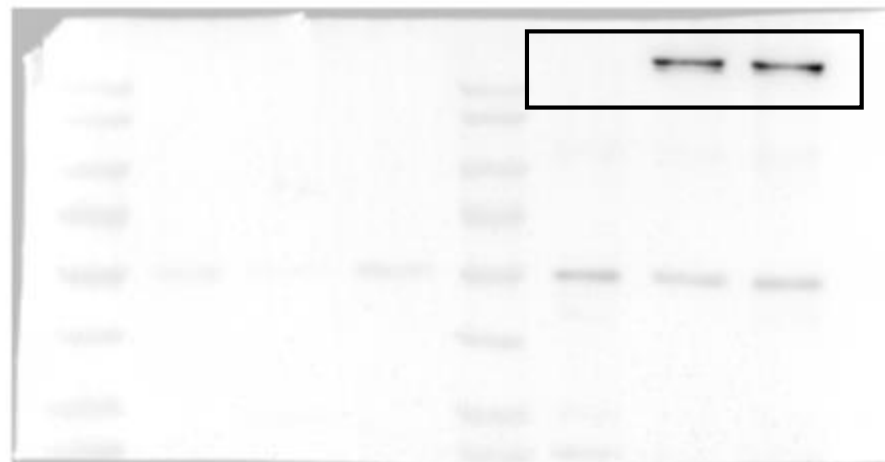
LYSATE HA



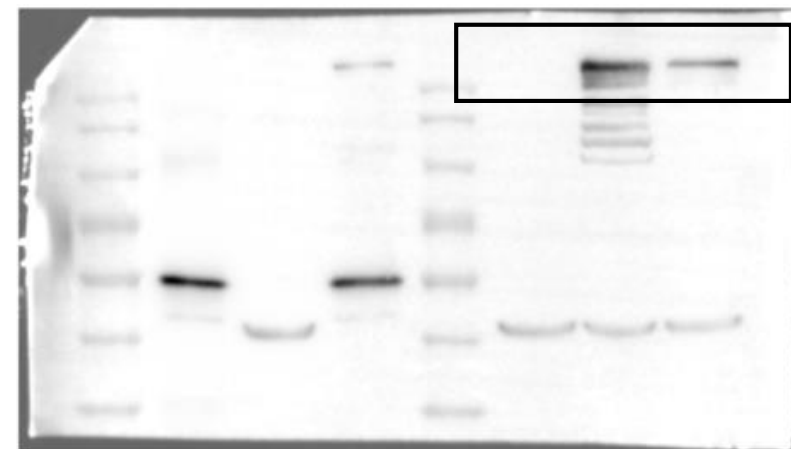
LYSATE ACTIN



IP MYC



IP MYC

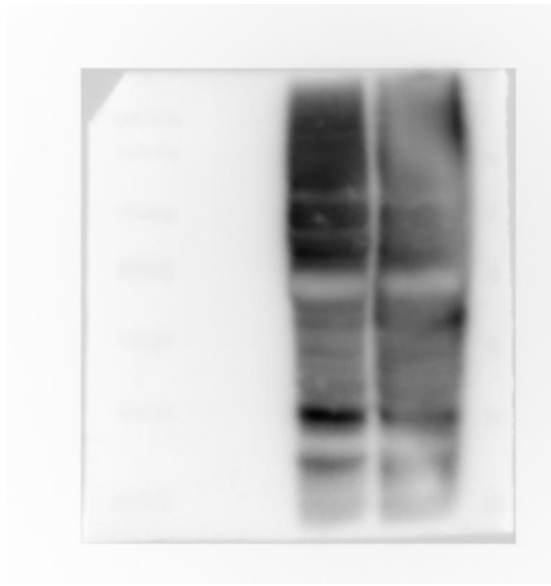


MYC

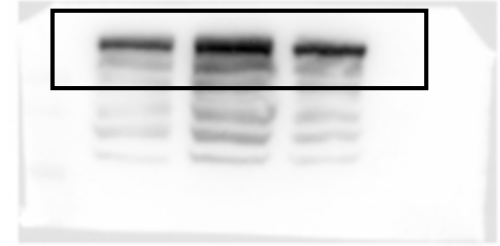
FIG.3G



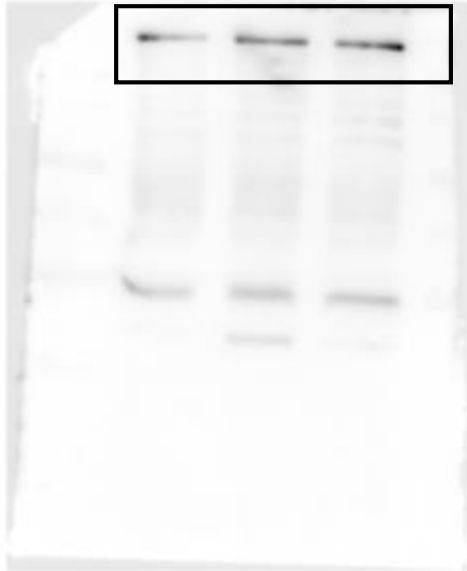
FLAG



HA



LYSATE MYC



IP MYC

FIG.4A

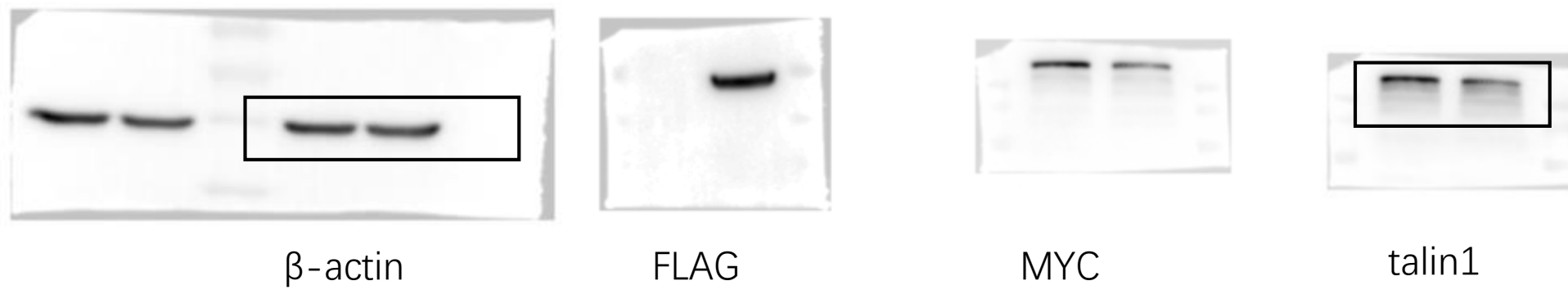


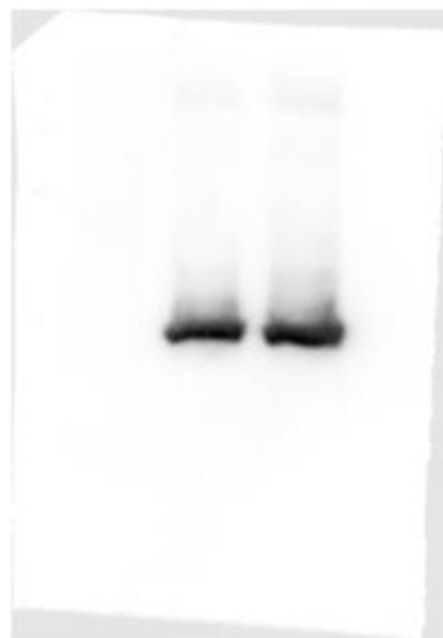
FIG.4B



FIG.4C



β -actin



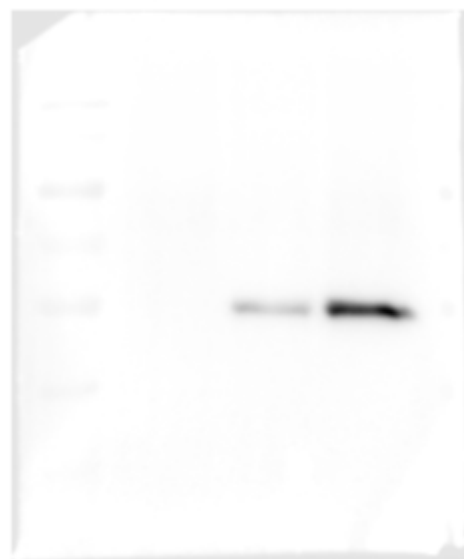
LYSATE FLAG



LYSATE MYC



IP MYC

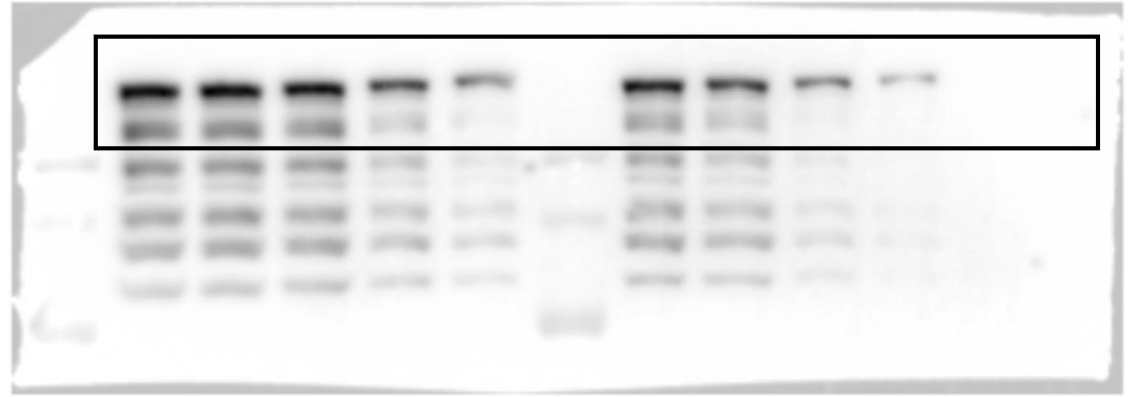


IP FLAG

FIG.4D



β -actin



talin1

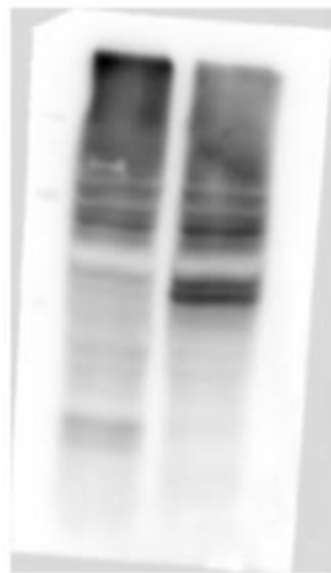
FIG.4E



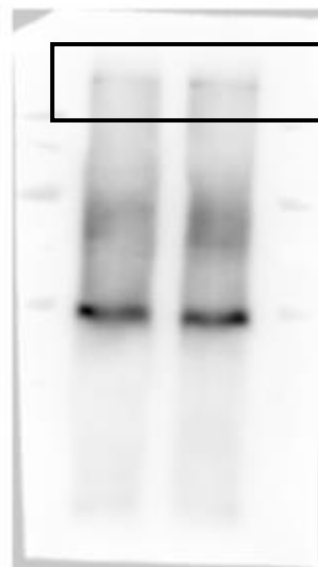
myc



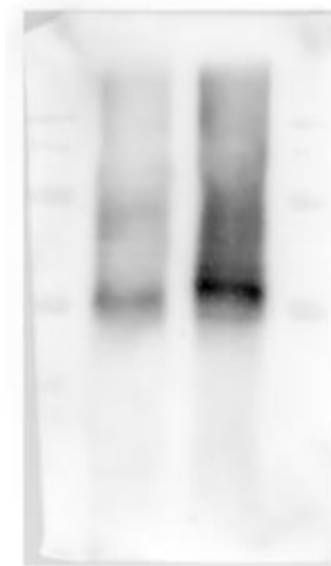
flag



HA



IP MYC

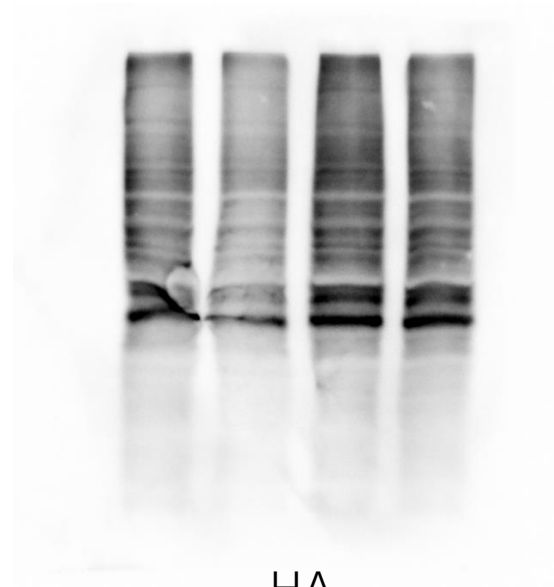


IP HA

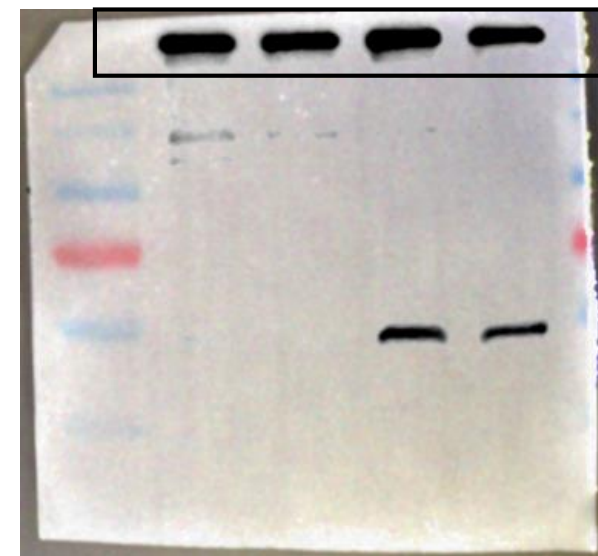
FIG.4F



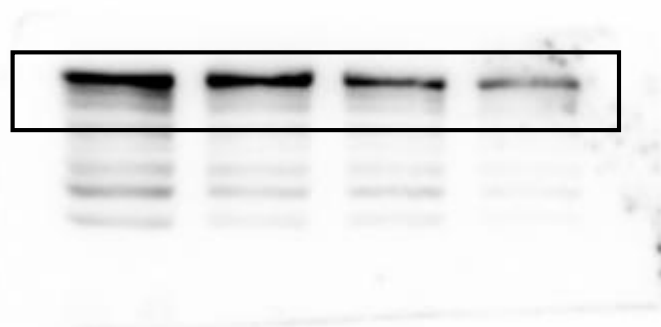
β -actin



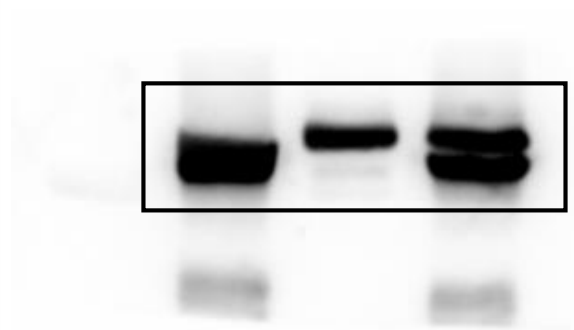
HA



IP MYC

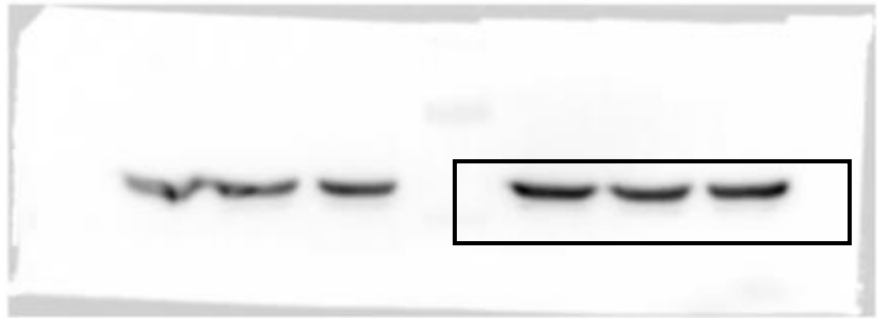


LYSATE MYC



LYSATE FLAG

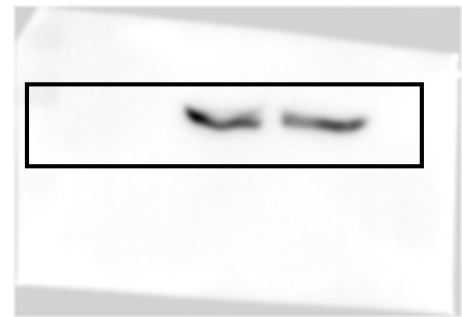
FIG.4G



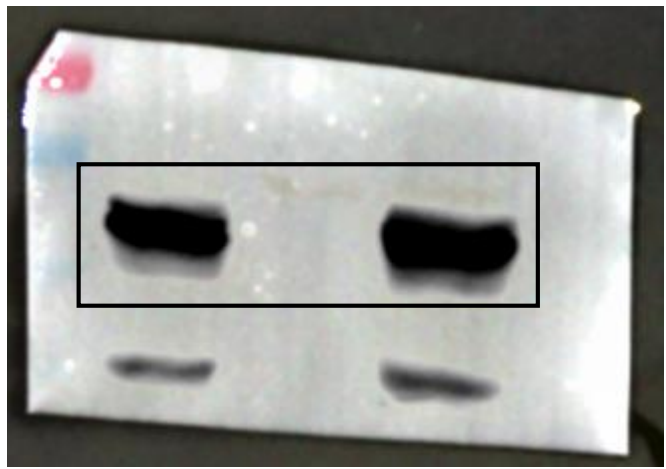
β -actin



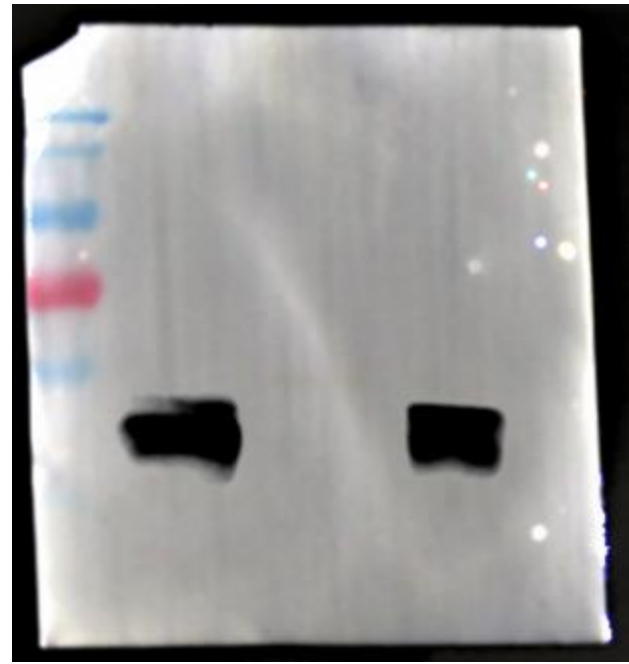
IP MYC



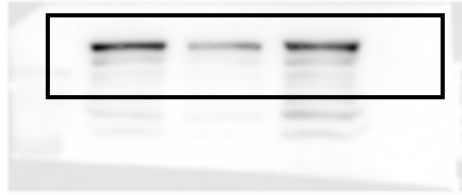
LYSATE FLAG



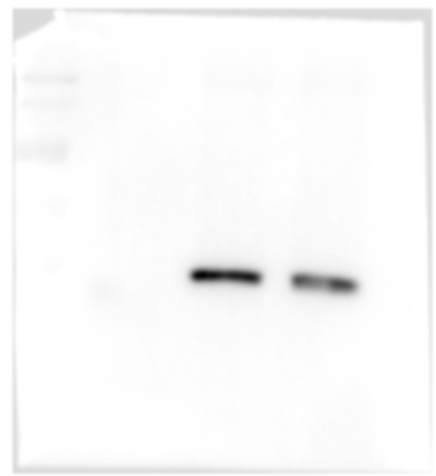
LYSATE HA



IP HA

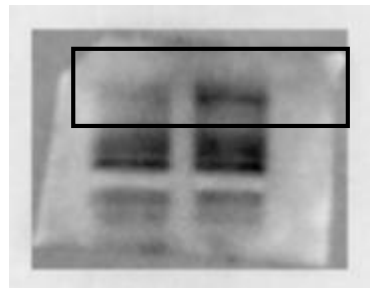


LYSATE MYC



IP FLAG

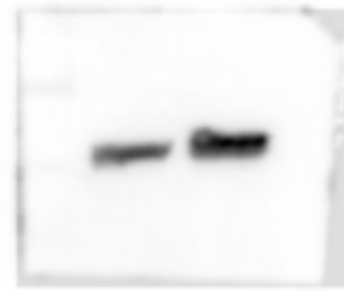
FIG.S3B



taln1



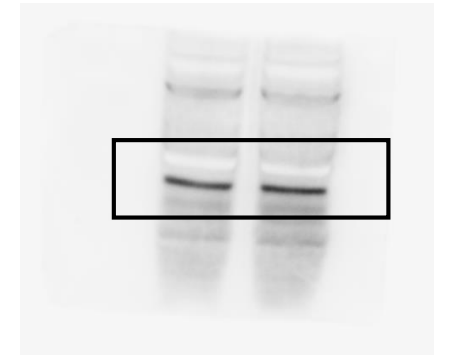
β -actin



BCKDK



TRIM21

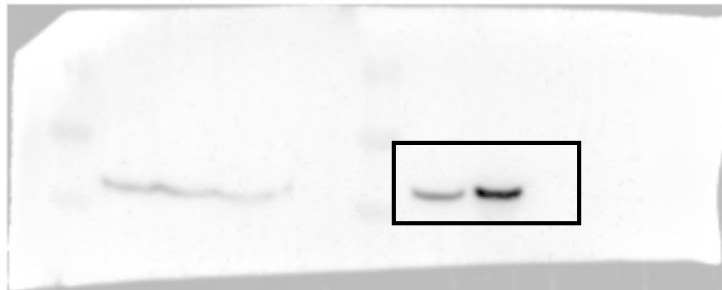


BCAT2

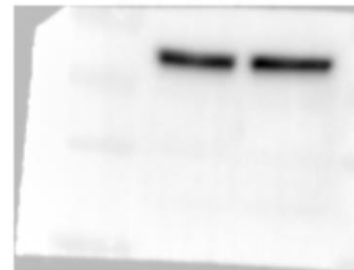
FIG.S3C



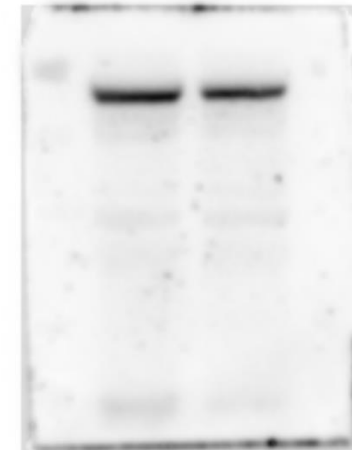
β -actin



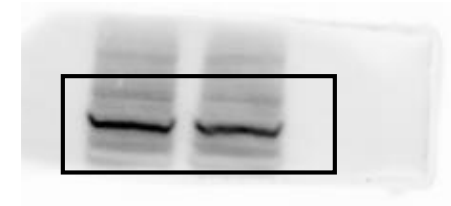
BCKDK



AKT

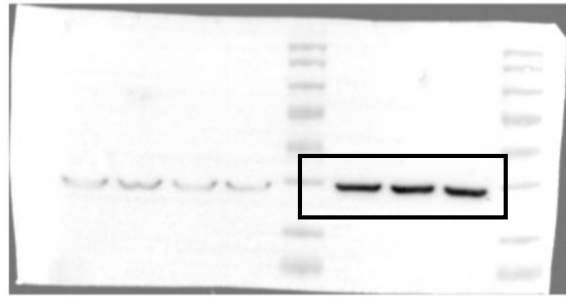


P-AKT

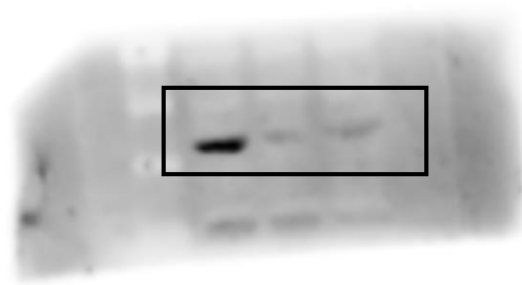


JAK2

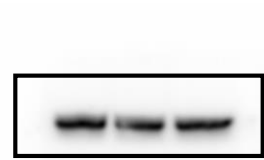
FIG.S3D



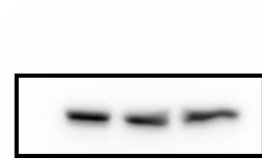
β -actin



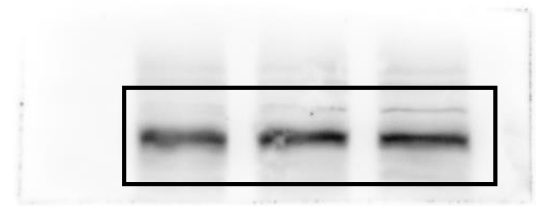
BCKDK



AKT

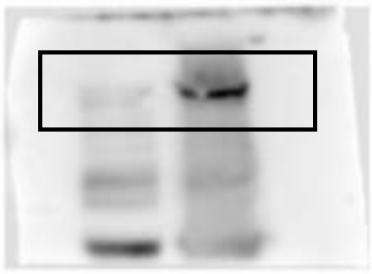


P-AKT



JAK2

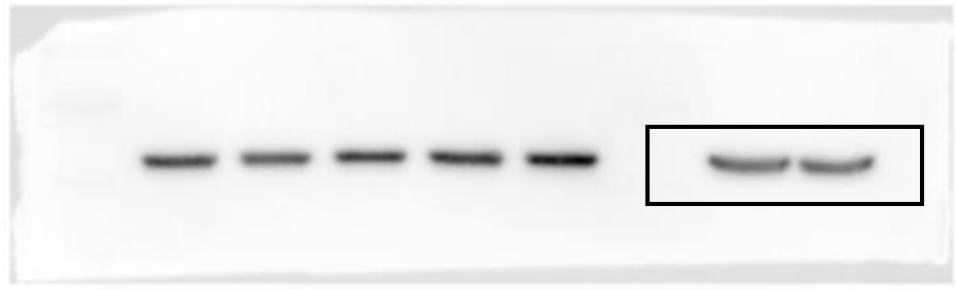
FIG.5A



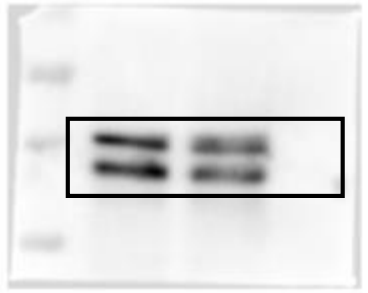
taln1



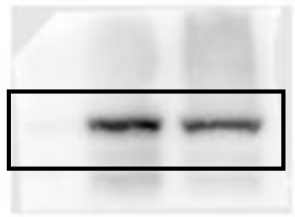
P-ERK1/2



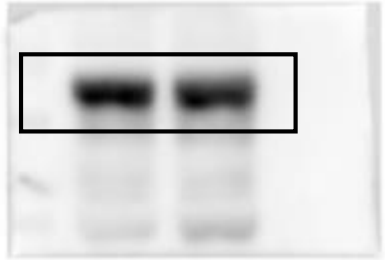
β -actin



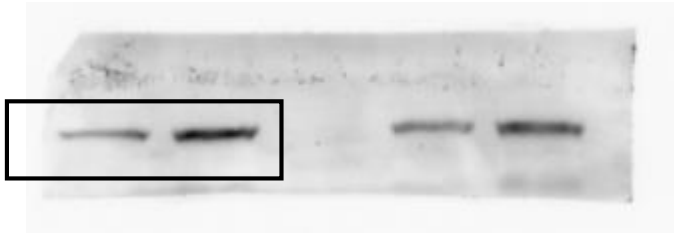
ERK1/2



FAK



MEK1/2

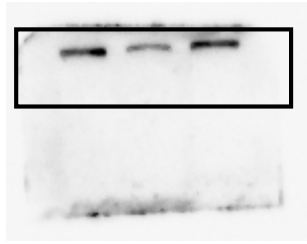


P-FAK

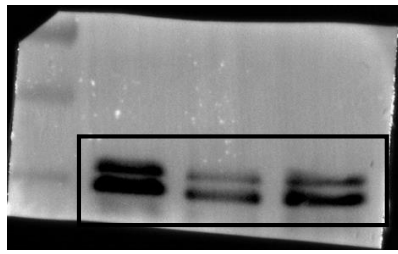


P-MEK1/2

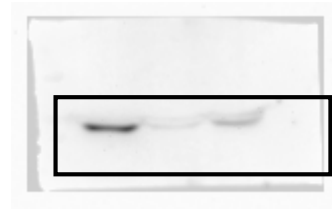
FIG.5B



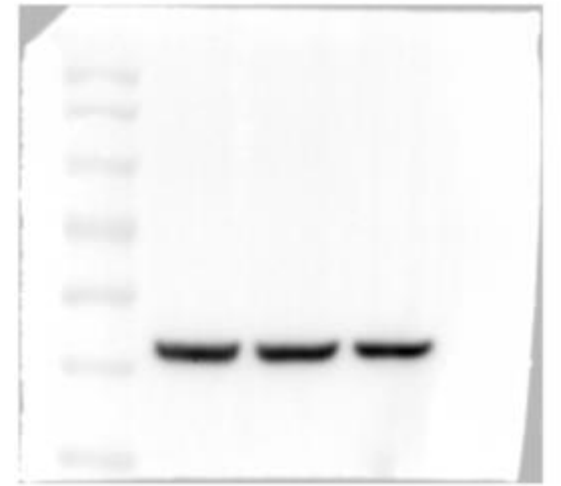
taln1



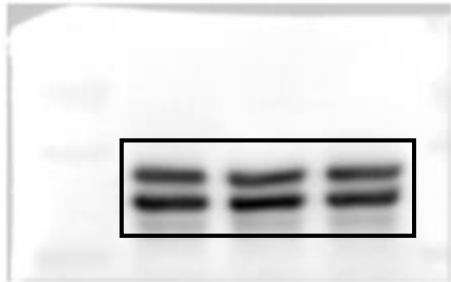
P-ERK1/2



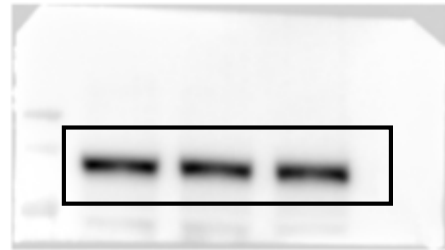
BCKDK



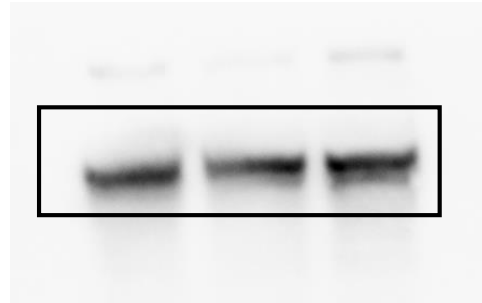
β -actin



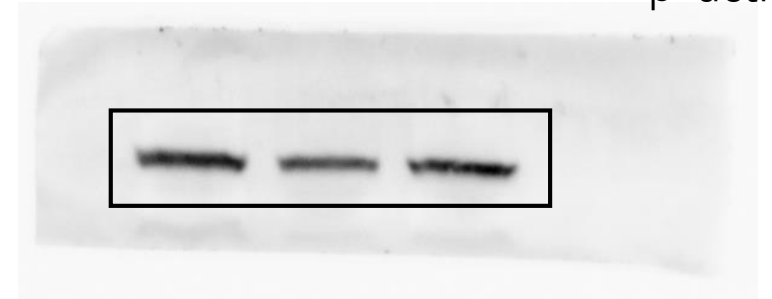
ERK1/2



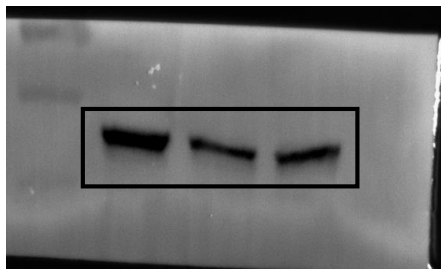
FAK



MEK1/2

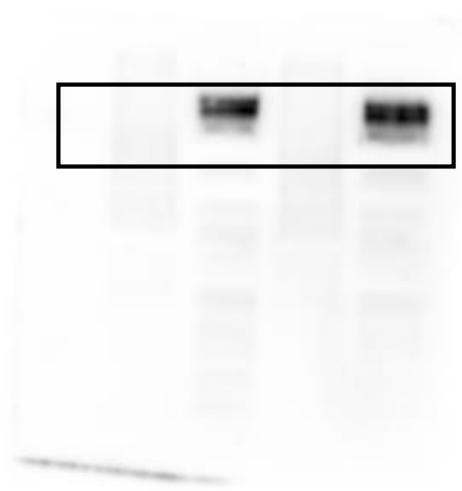


P-FAK



P-MEK1/2

FIG.S4A

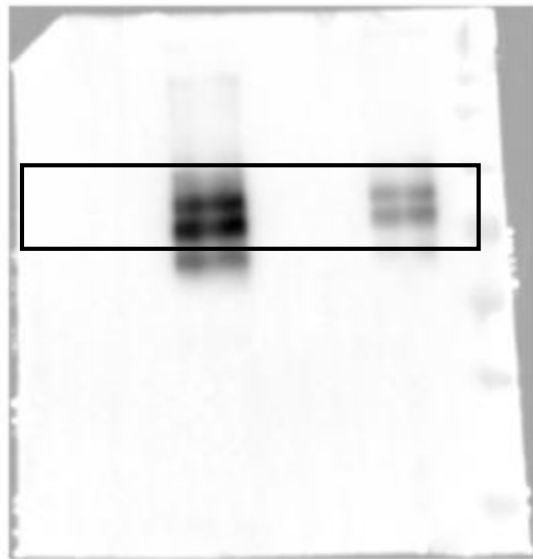


β 1-integrin

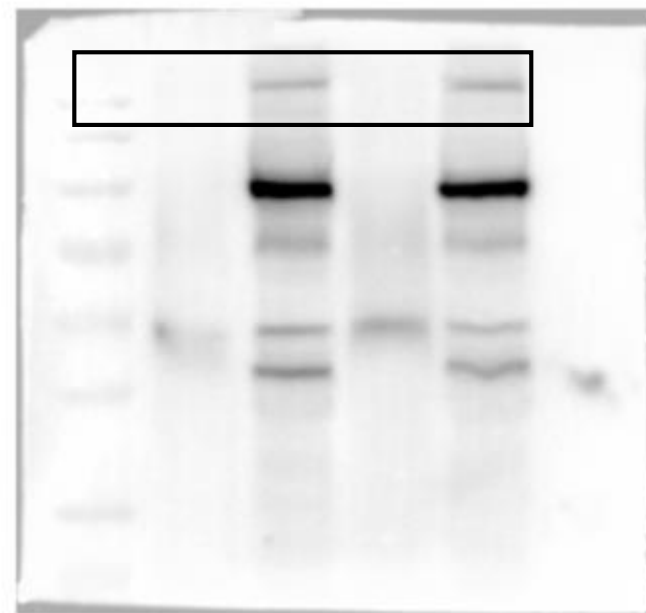


talin1

FIG.S4B



β 1-integrin



talin1