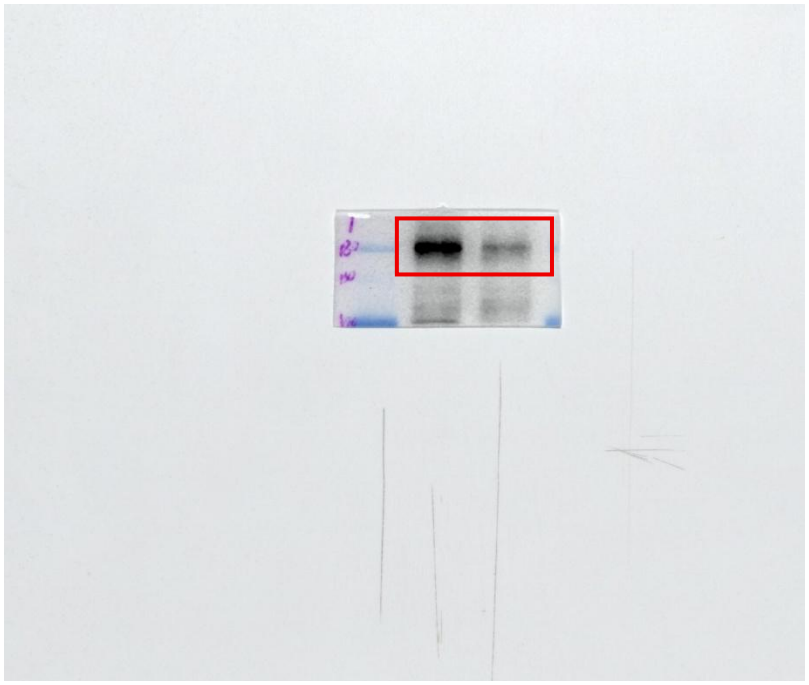
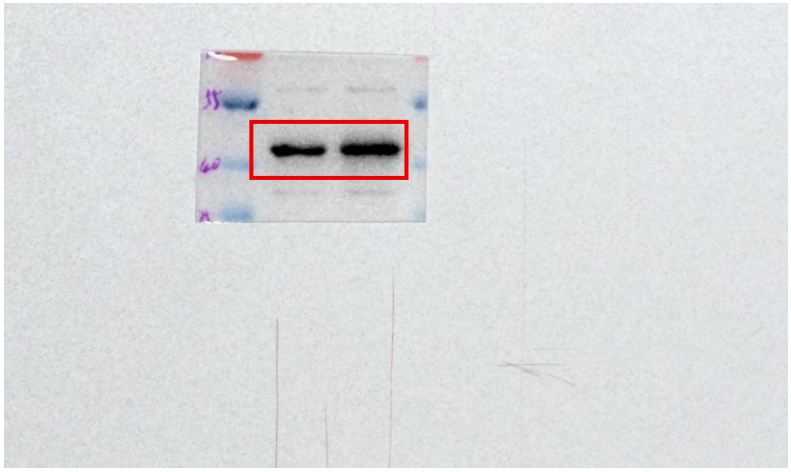
Figure 1

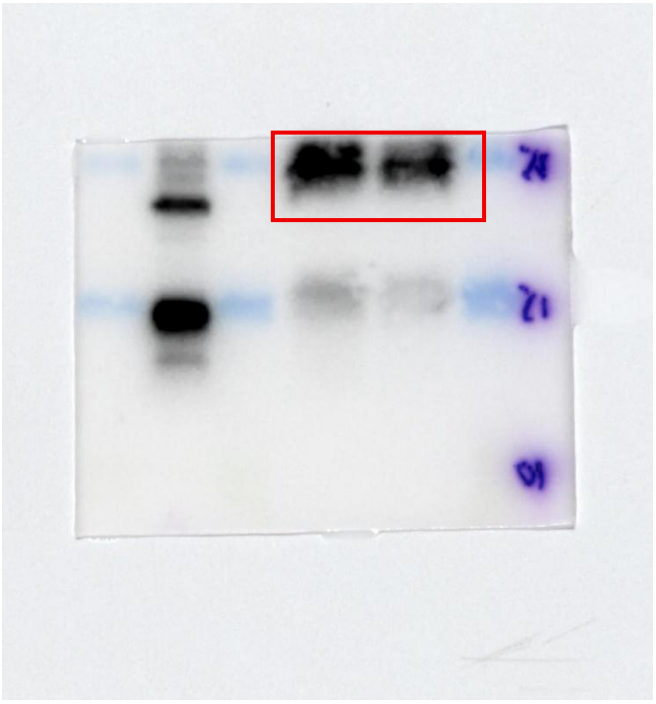


TM4SF

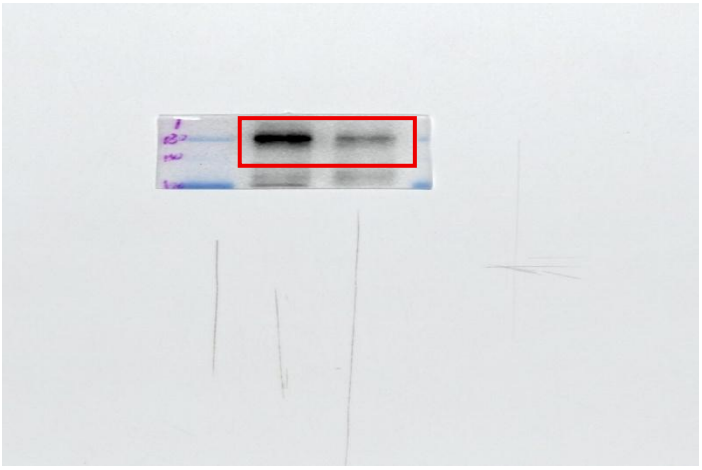


GAPDH

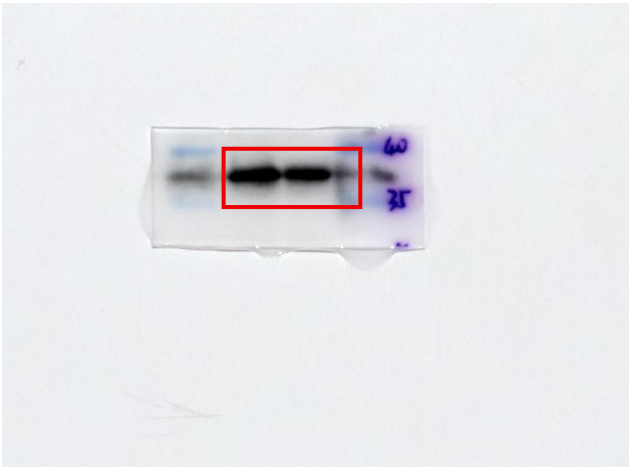
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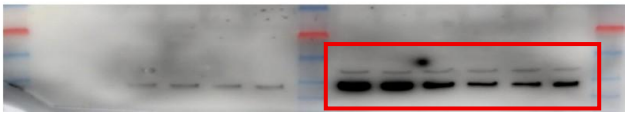
**E-cadherin**



TM4SF



GAPDH



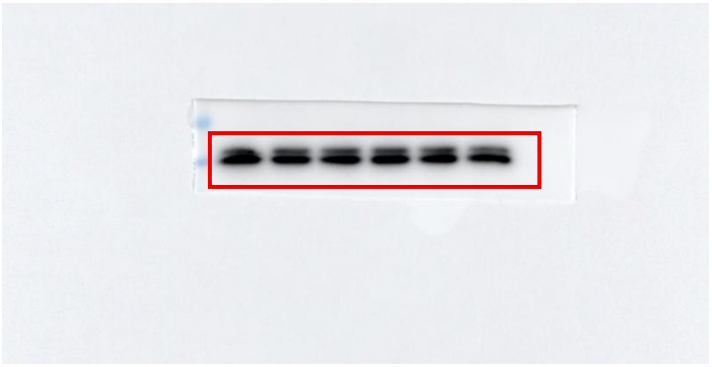
p-ERK



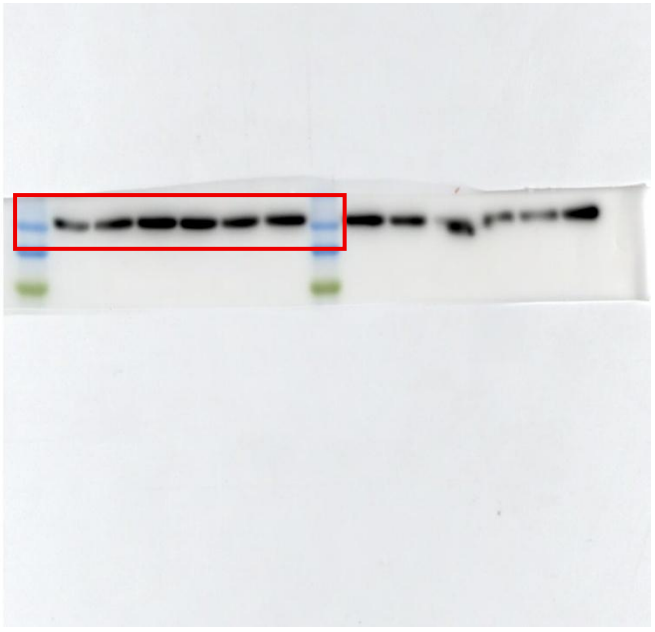
**actin**



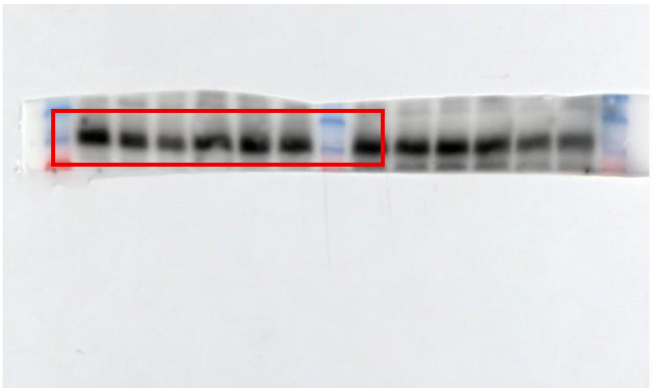
**NaK ATPnase**



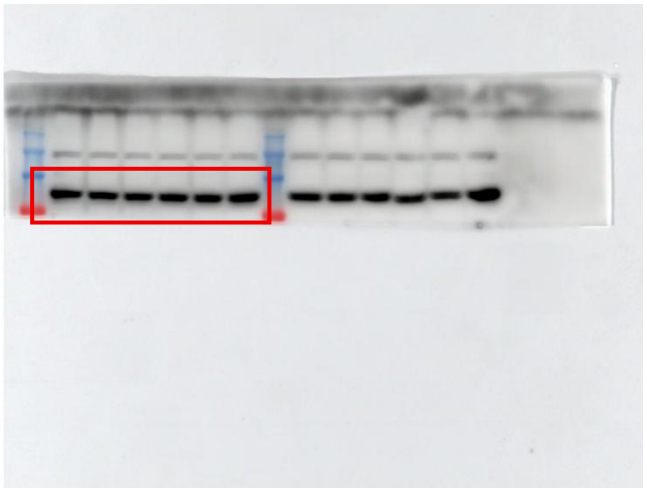
ERK



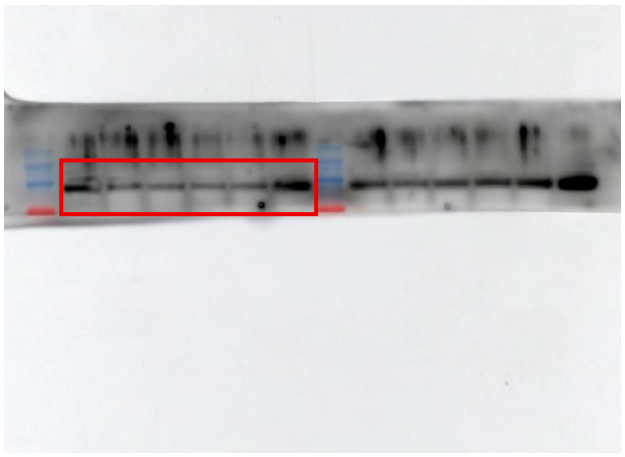
Actin



**TM4SF**

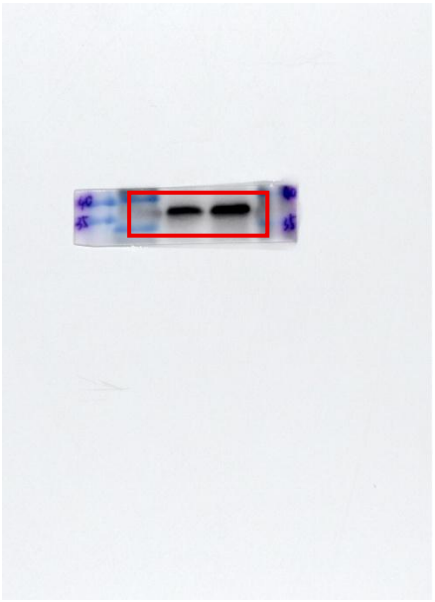


stat3

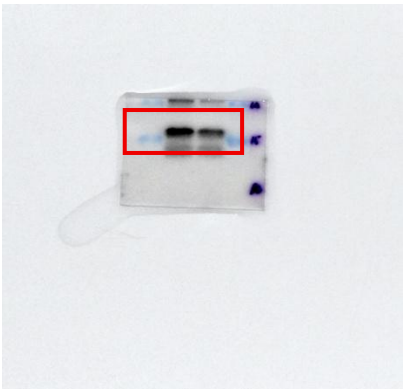


p-stat3

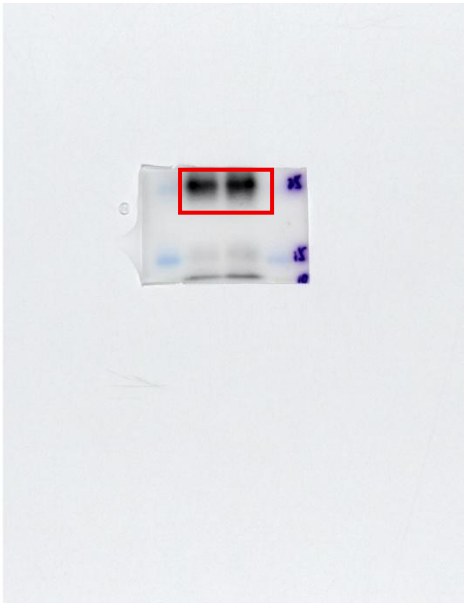
Figure4



CREB

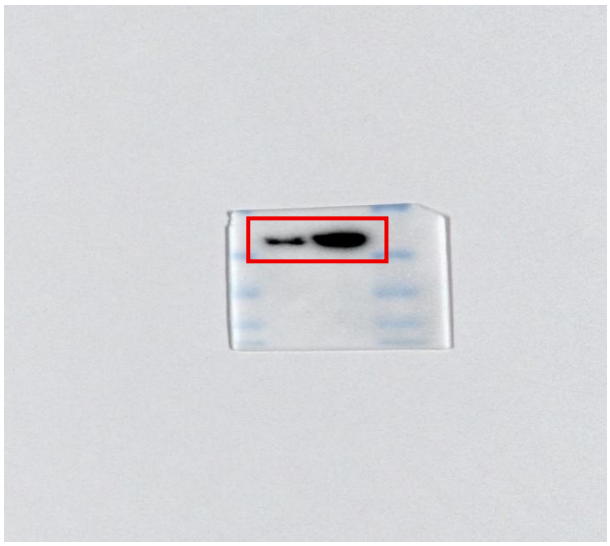


pCREB

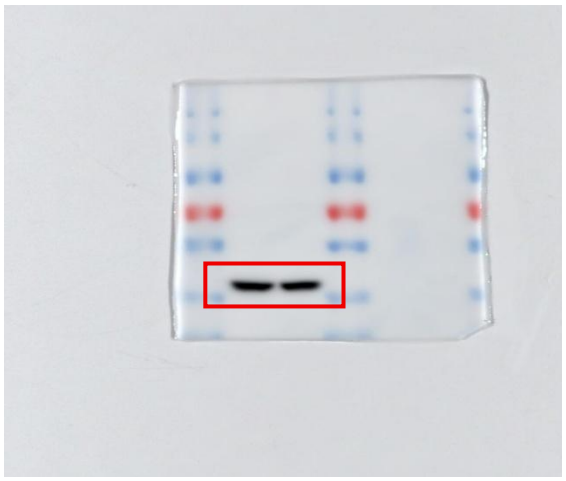


GAPDH

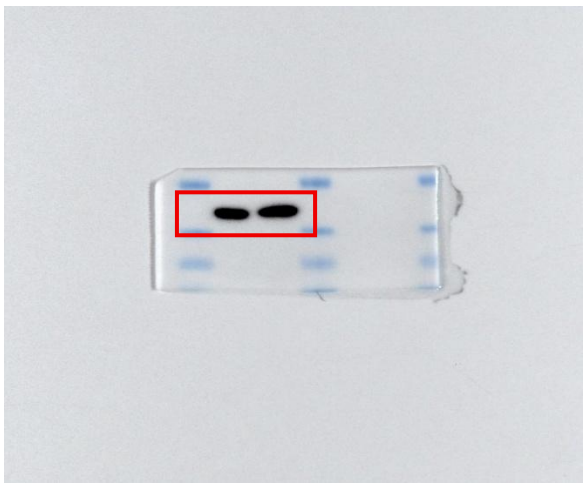
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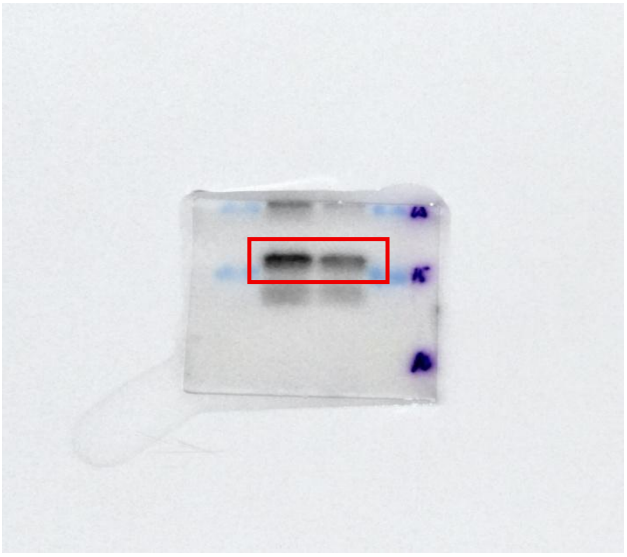
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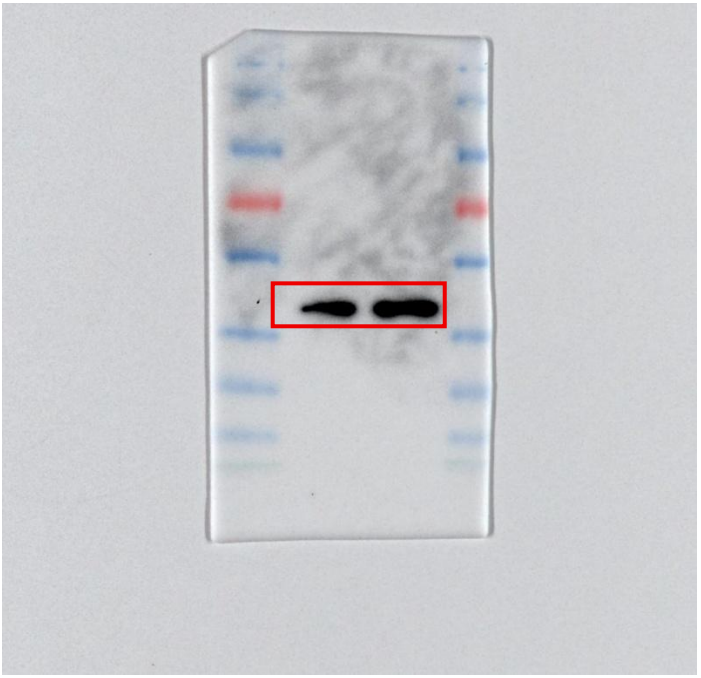
**GAPDH**



**GAPDH**



**CYCLIND1**

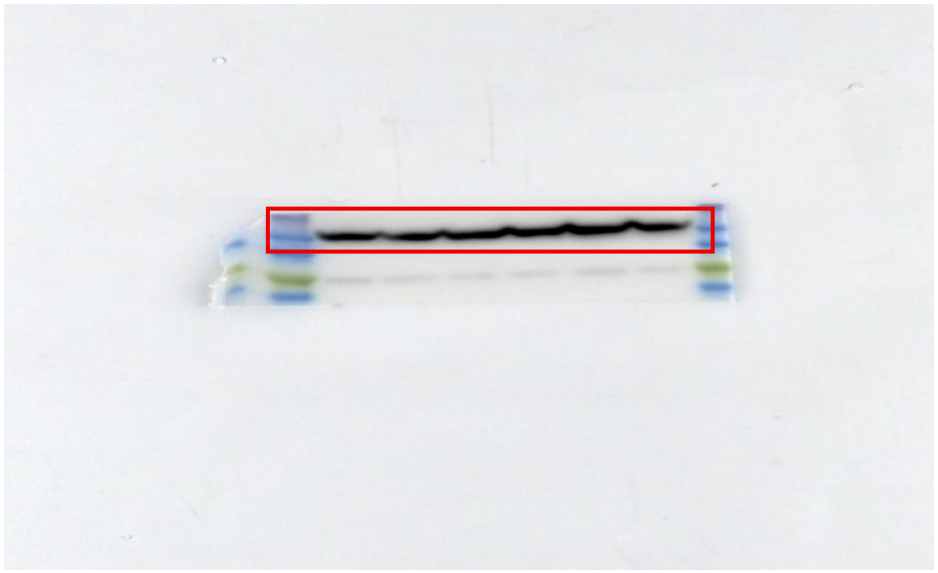


***CDK4***

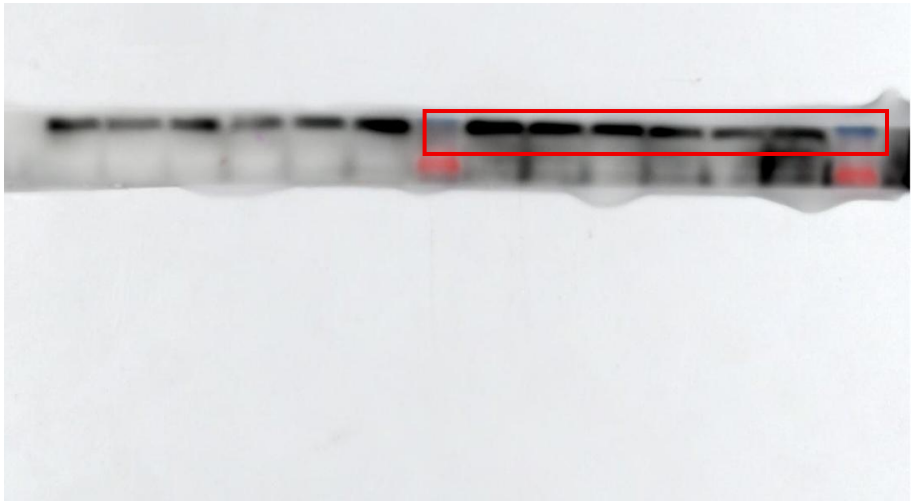


**C-CAS9**

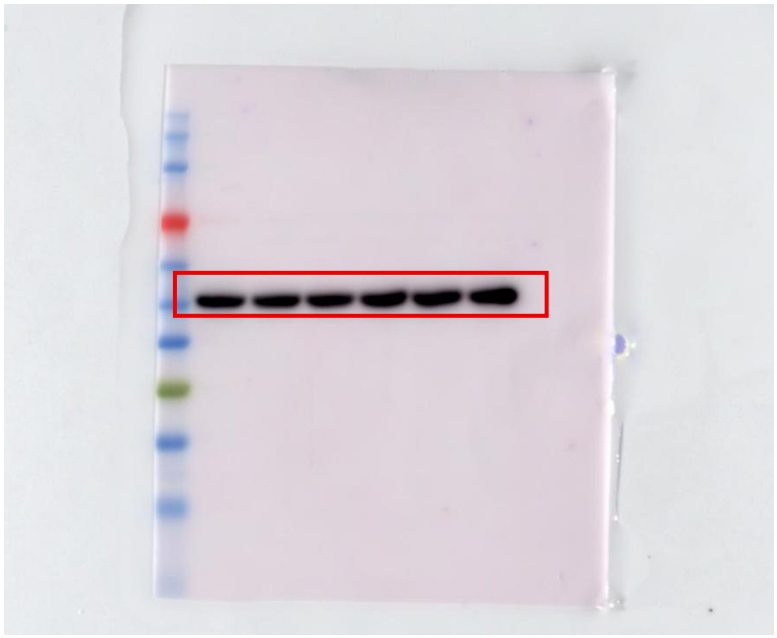
Figure7



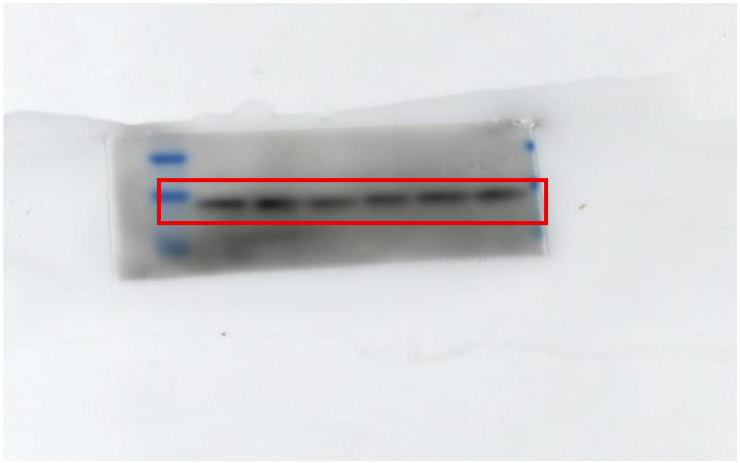
CREB



TM4SF



GAPDH



*p*-CREB