

The ubiquitin hybrid gene *UBA52* regulates ubiquitination of ribosome and sustains embryonic development

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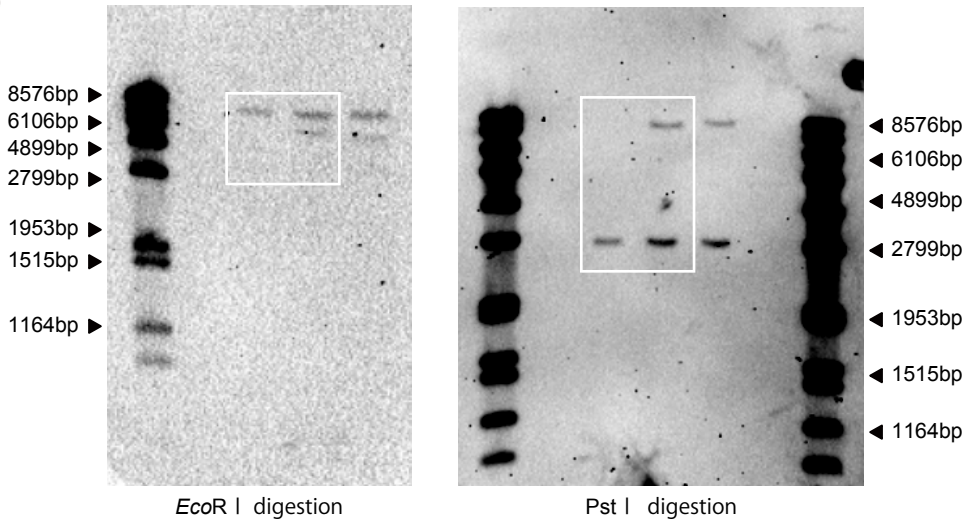
Tokyo Medical and Dental University (TMDU)

1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8519, Japan

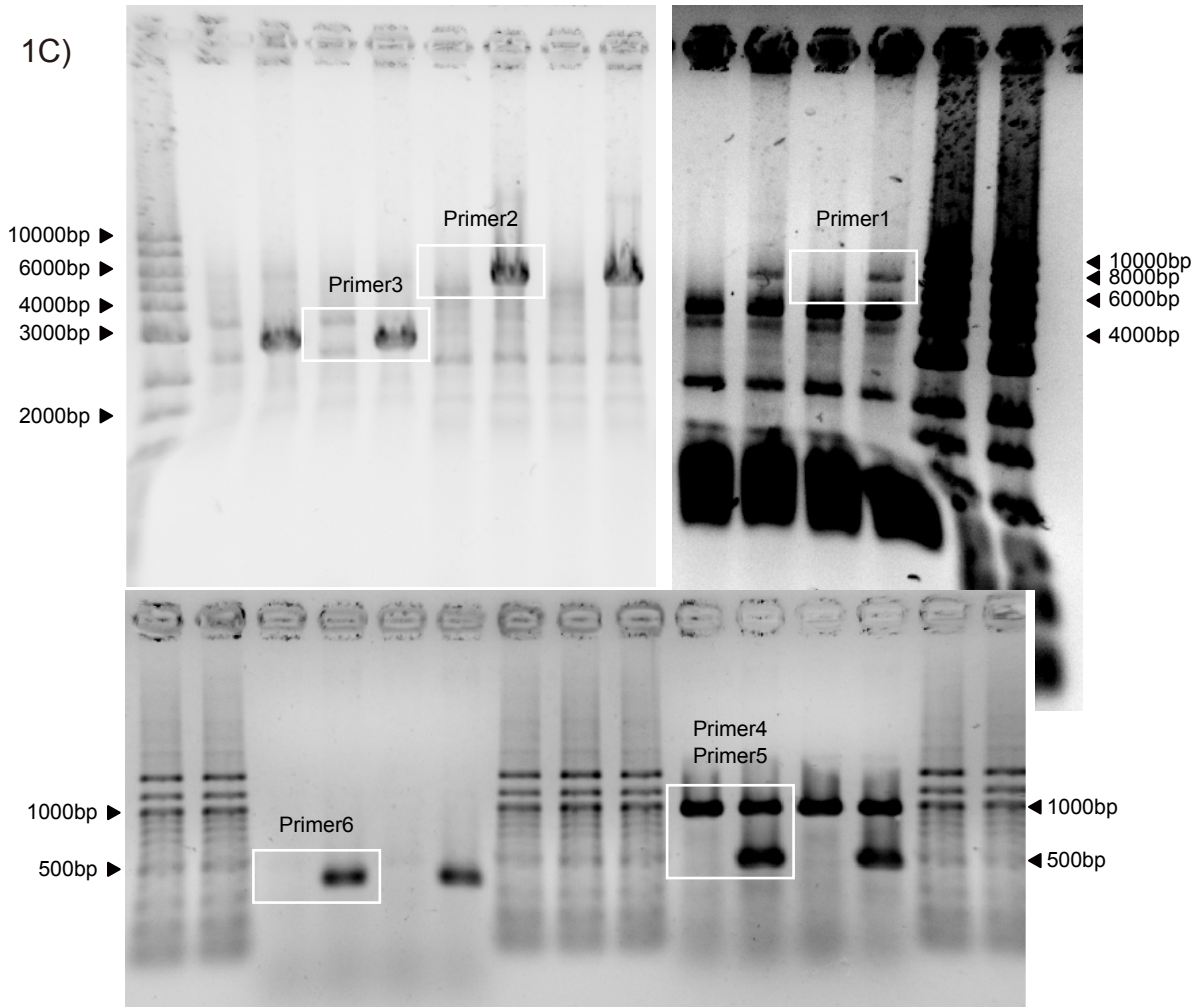
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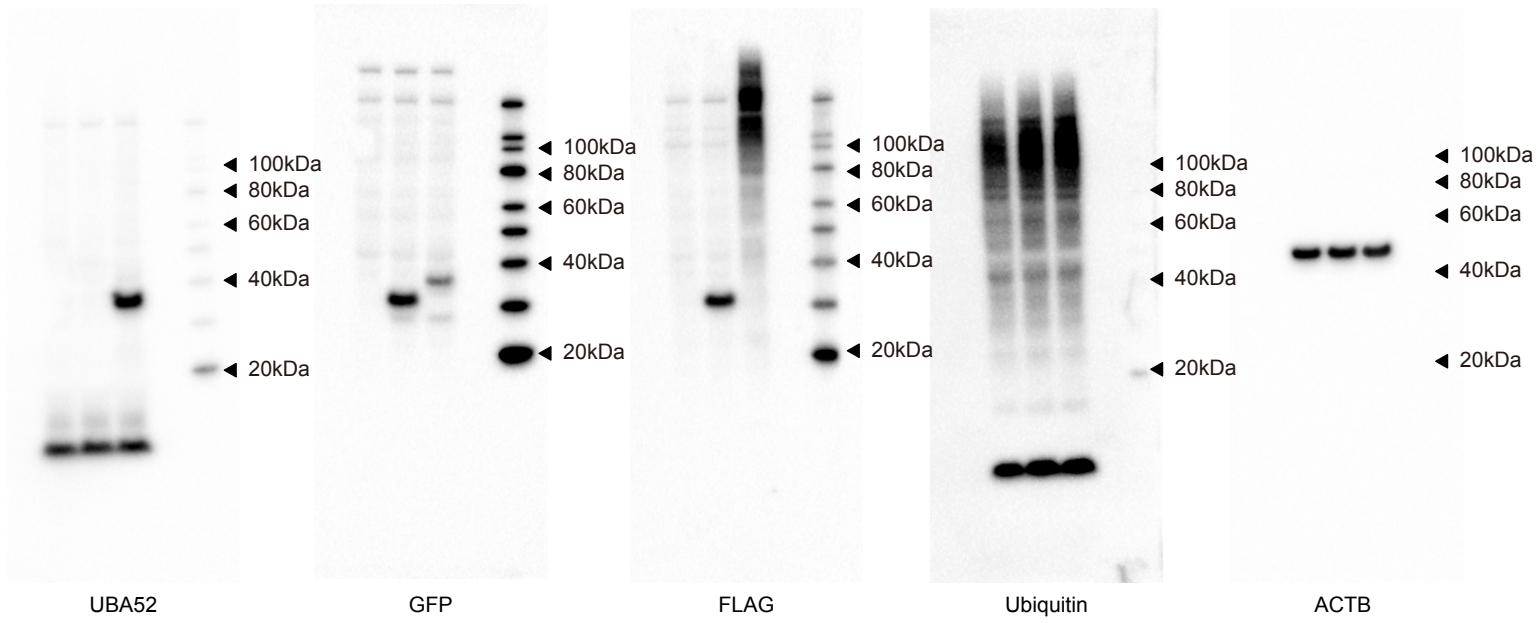
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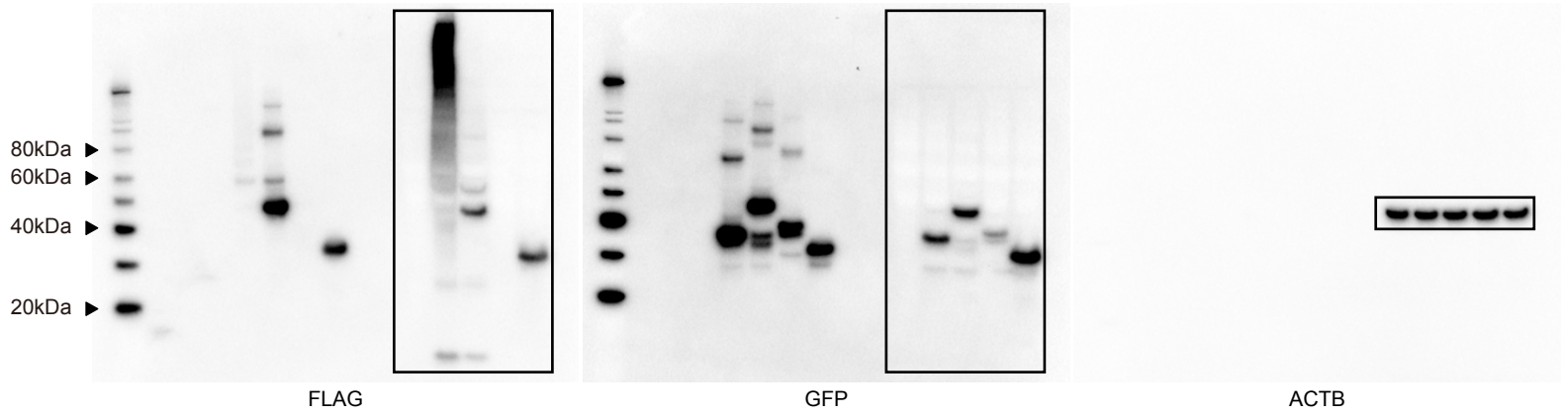
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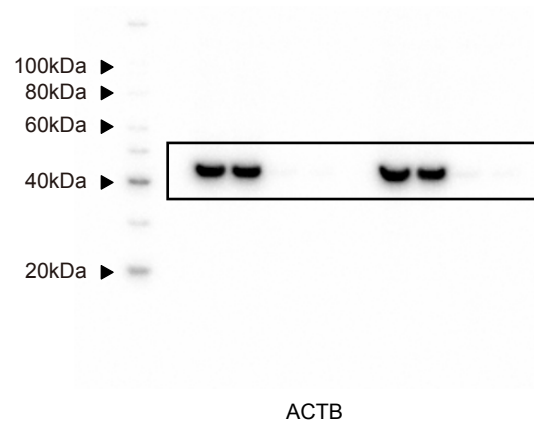
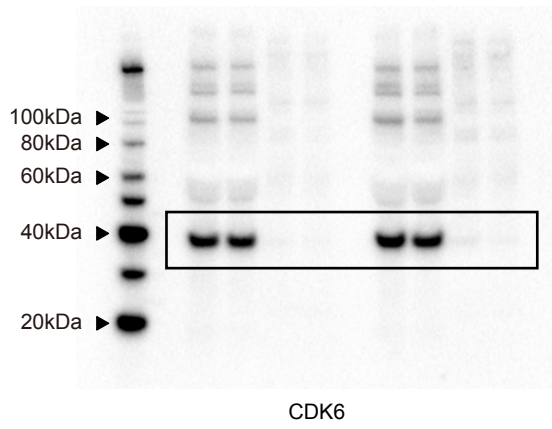
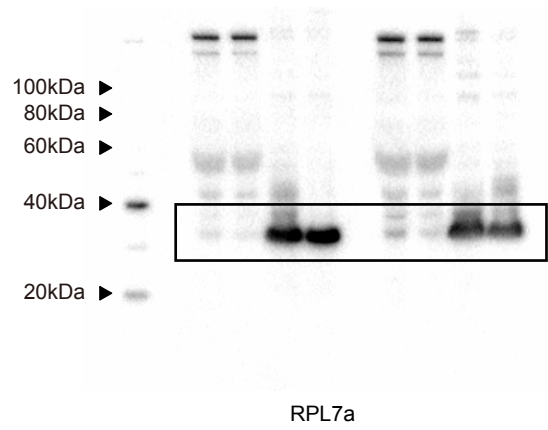
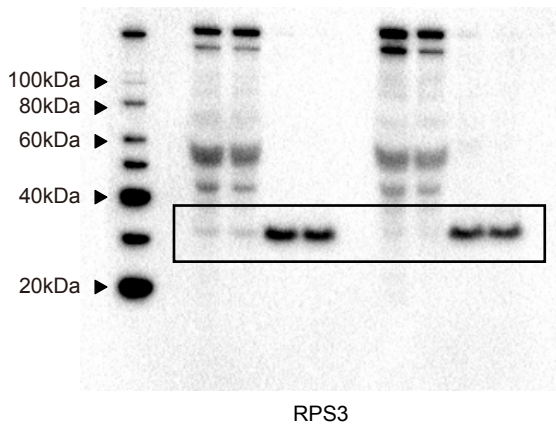
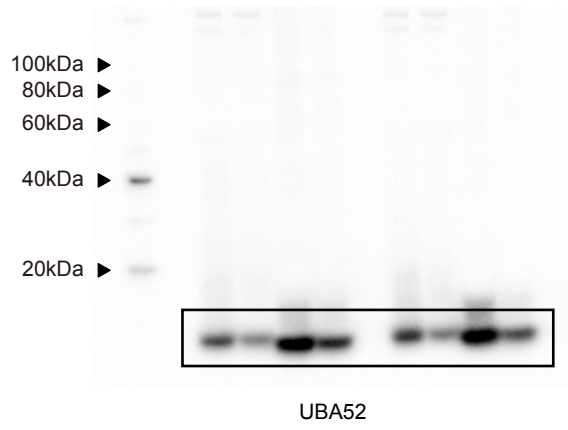
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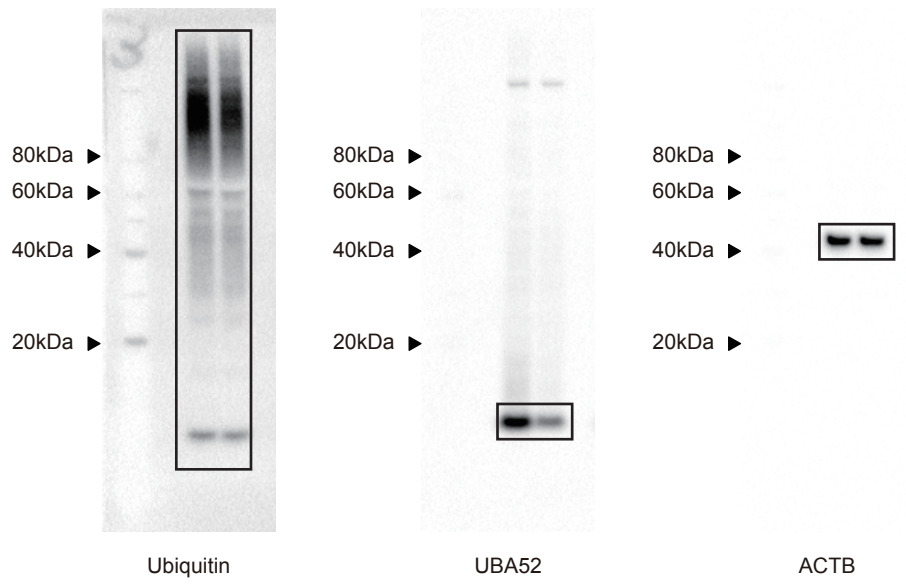
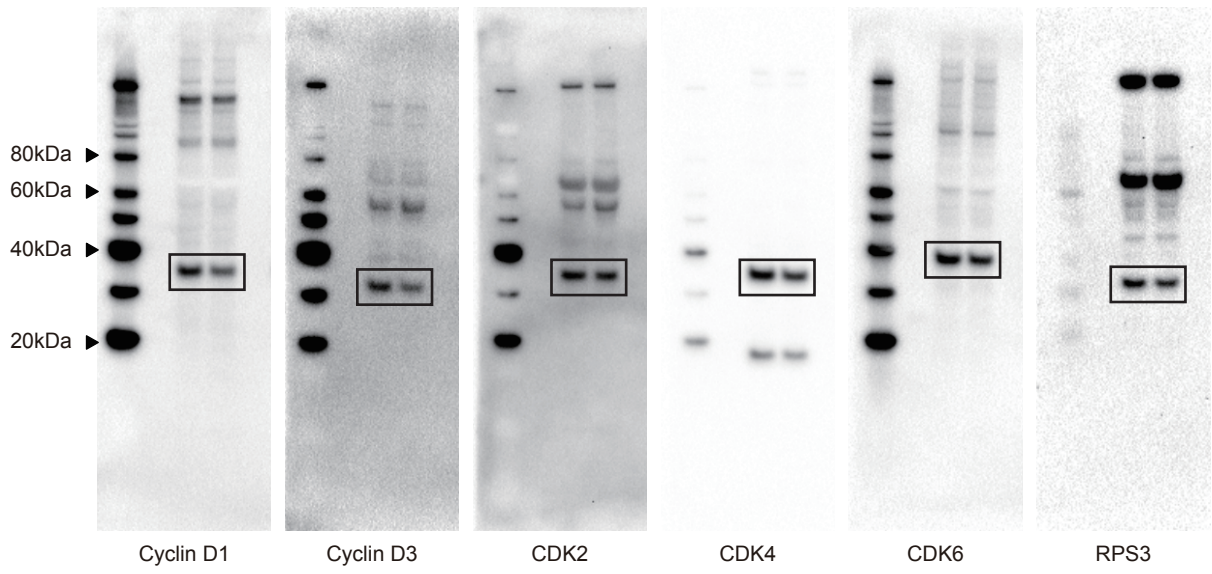
2C)



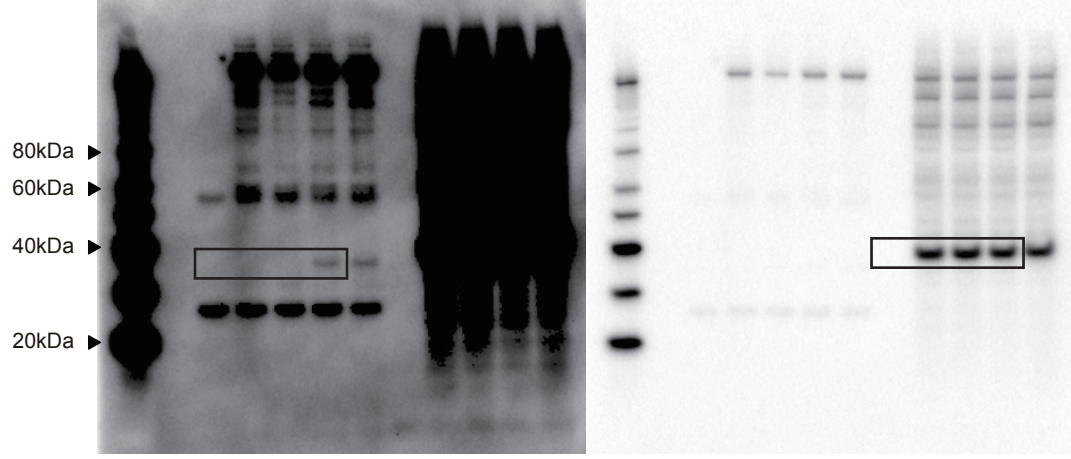
2E)



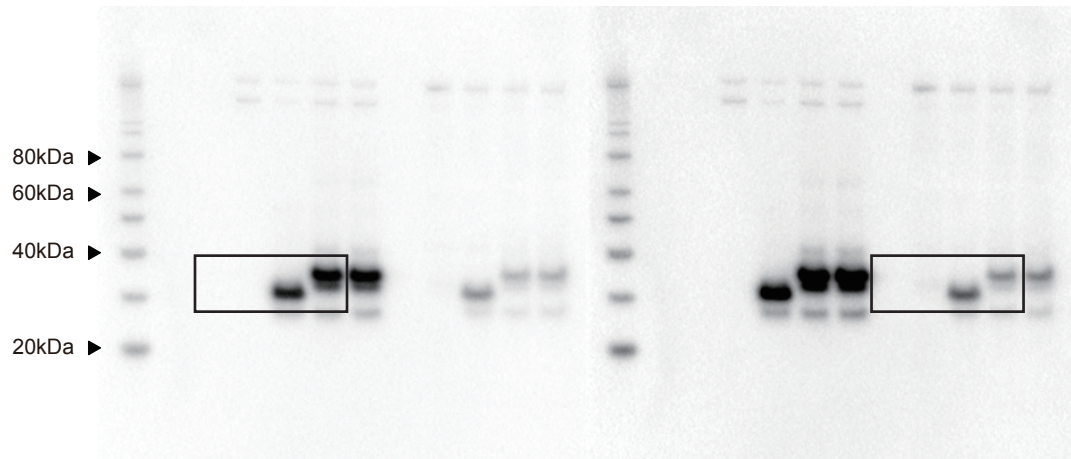
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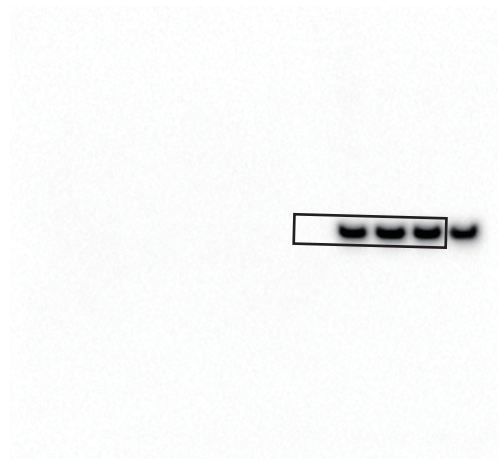
3G: DLD-1)



CDK6

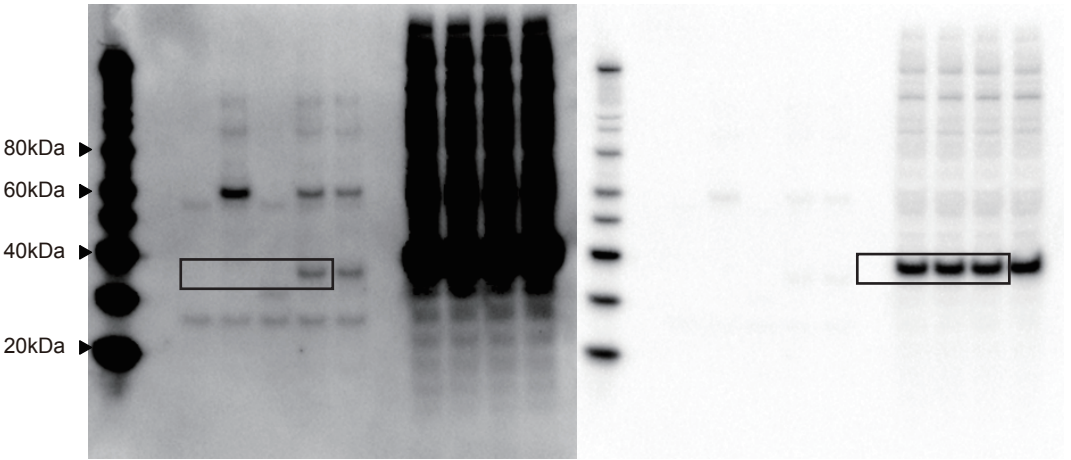


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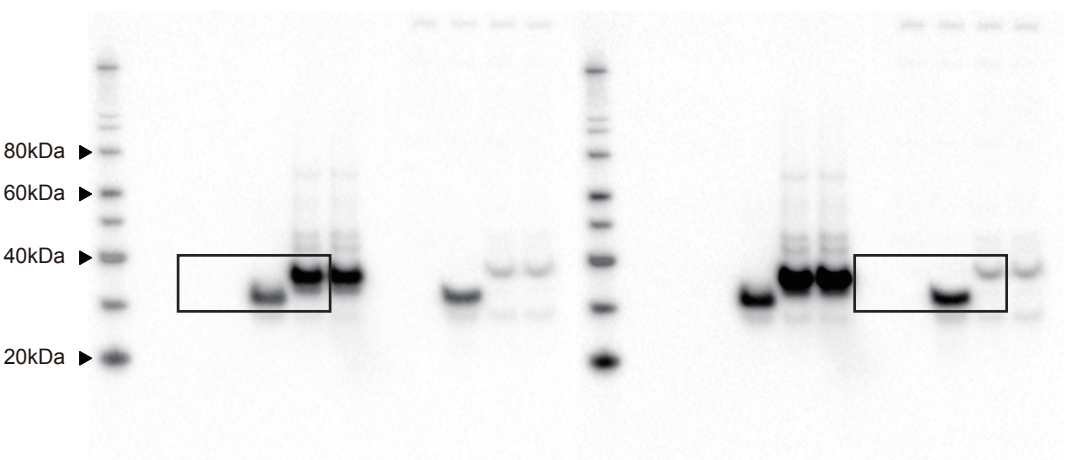


ACTB

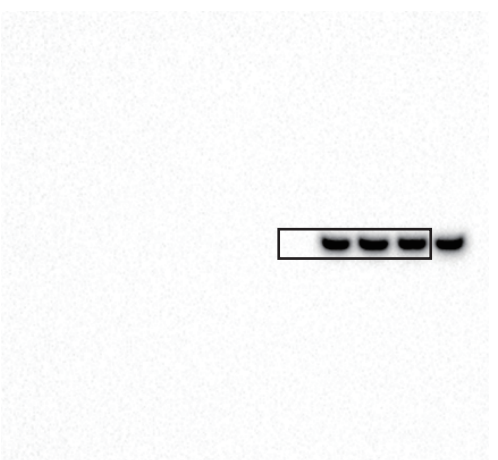
3G: HEK293T)



CDK6

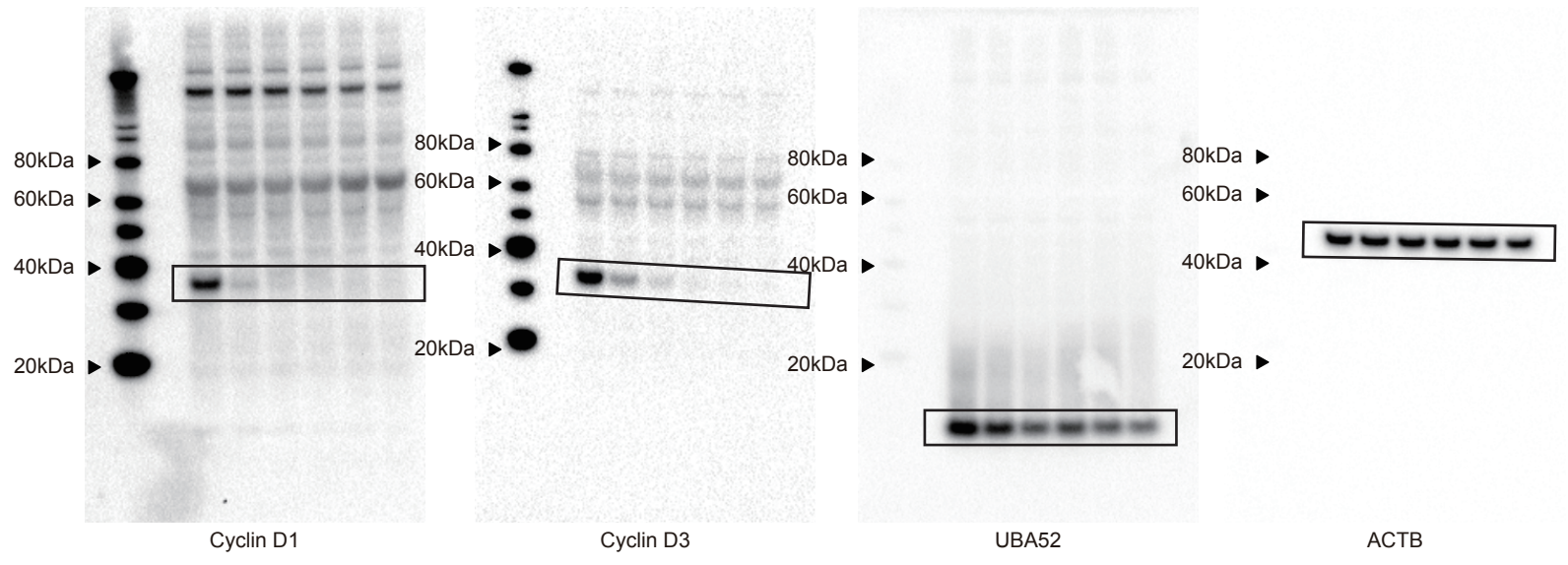


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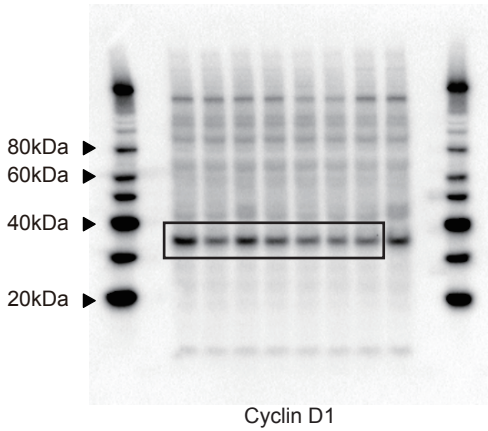


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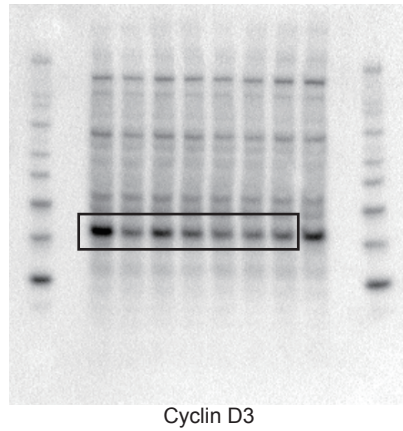
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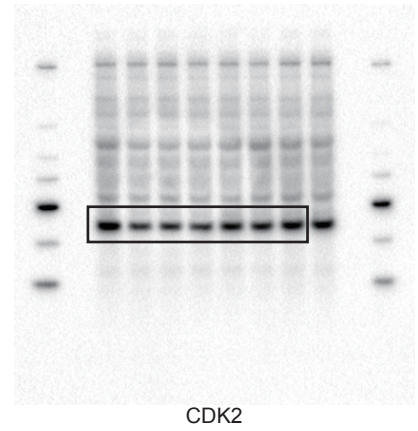
4A)



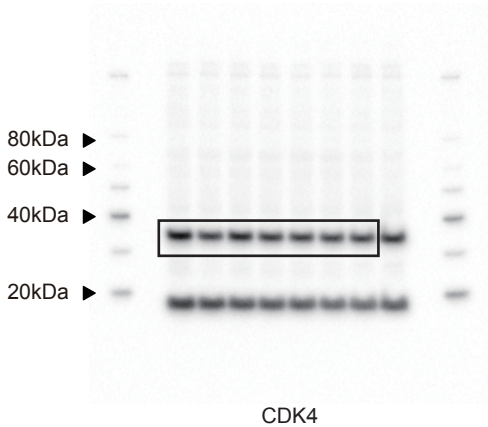
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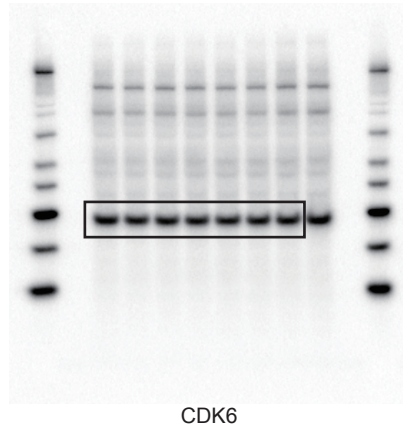
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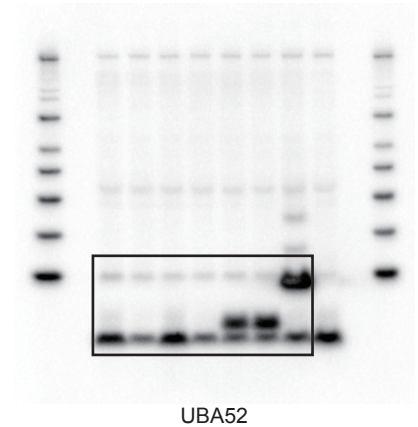
CDK2



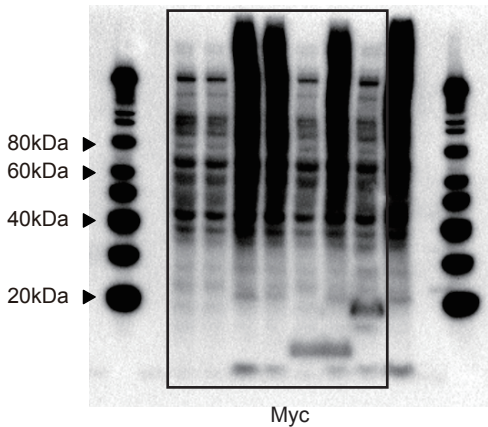
CDK4



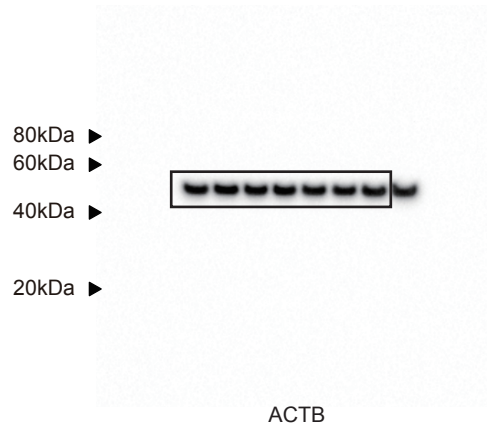
CDK6



UBA52



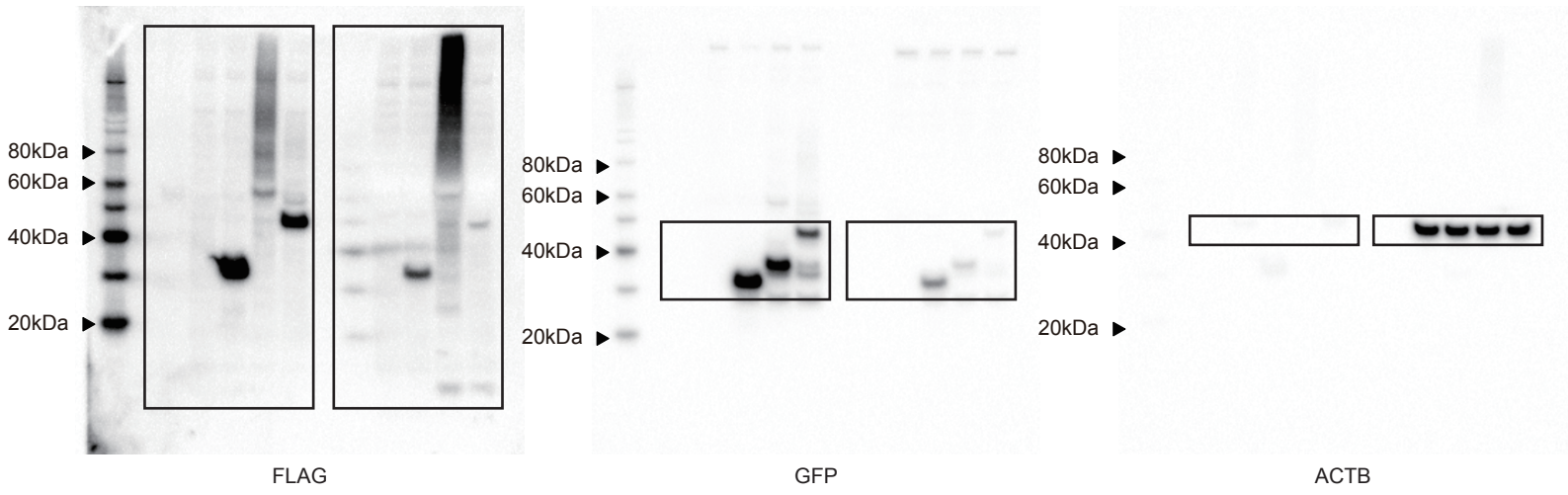
Myc



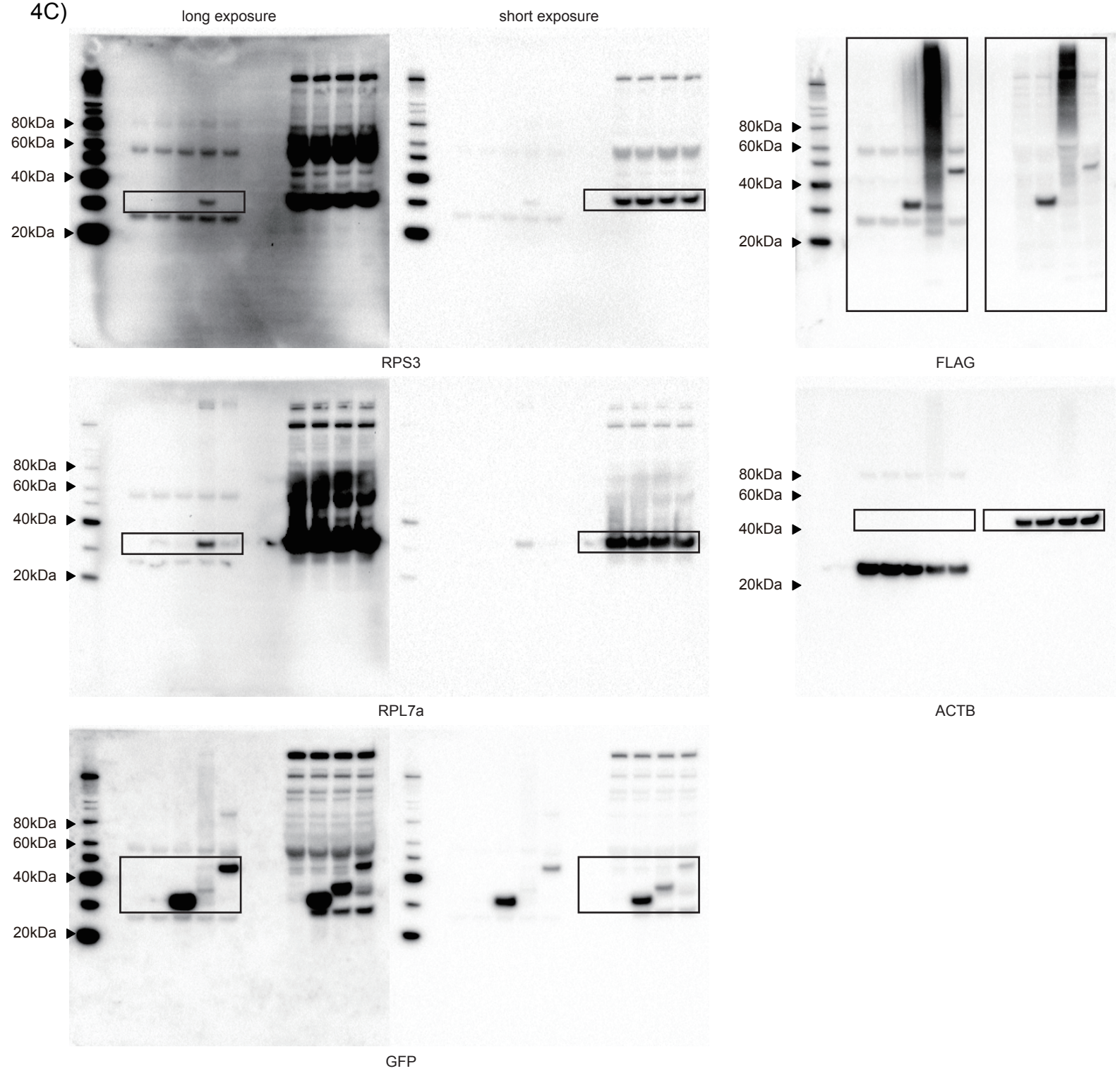
ACTB



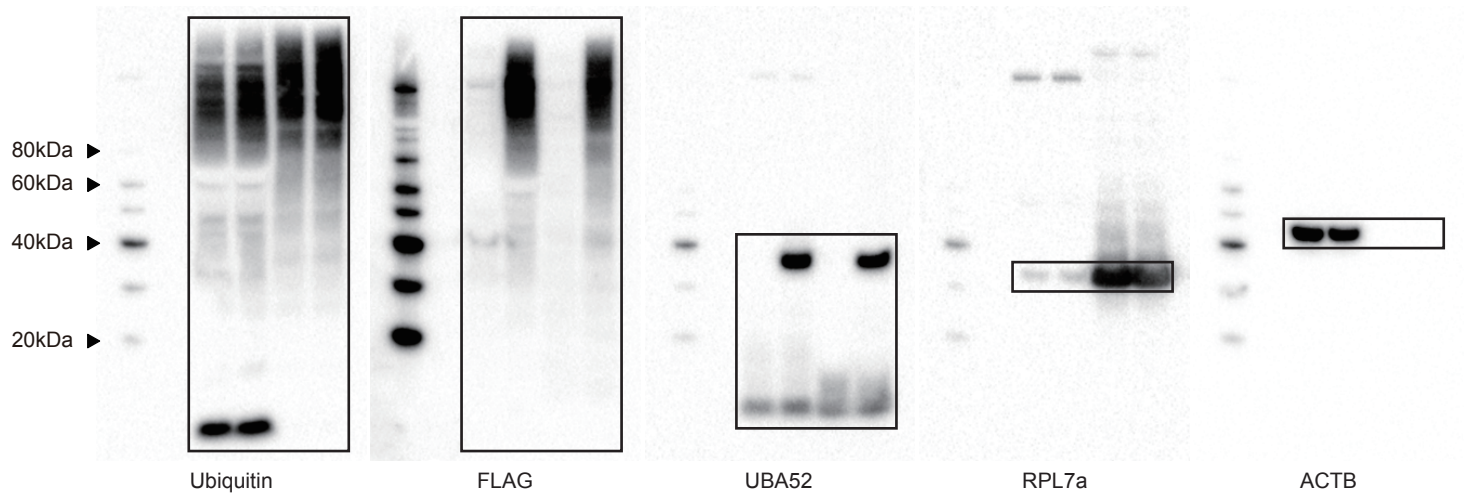
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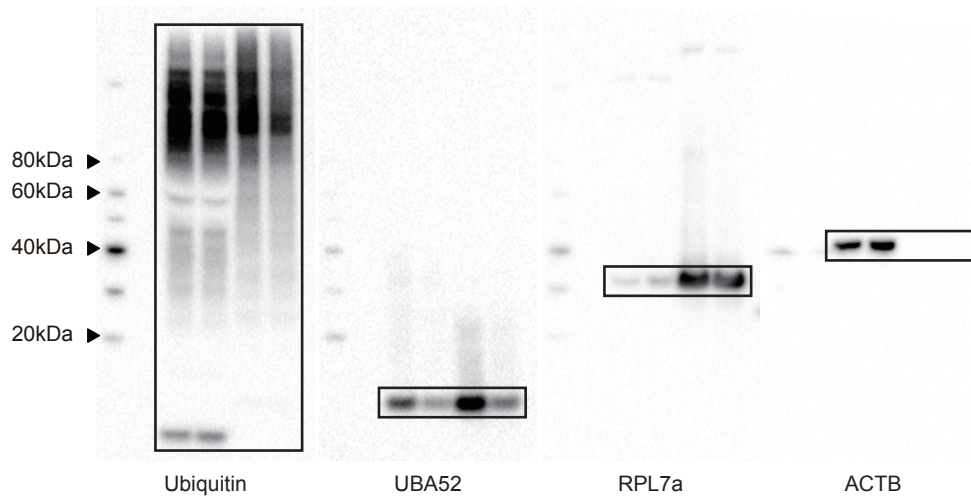
4C)



4D)



4E)



S1)

