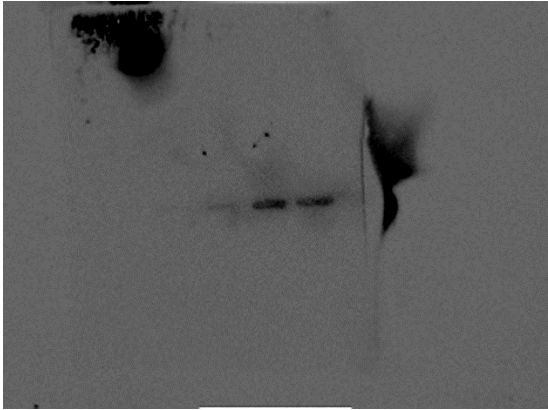
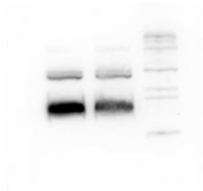
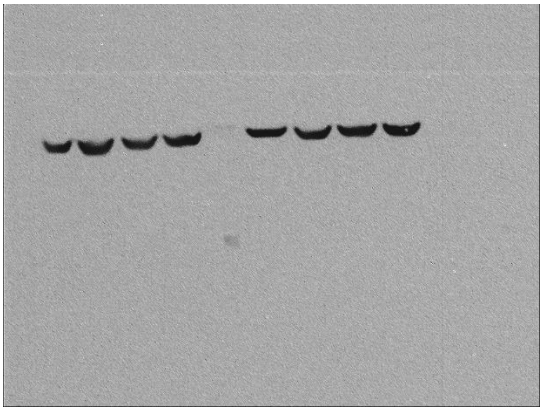
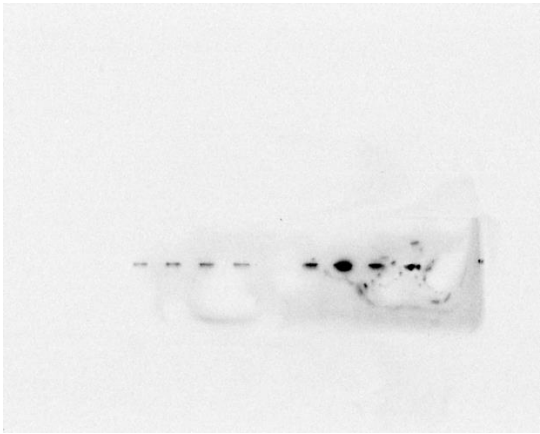
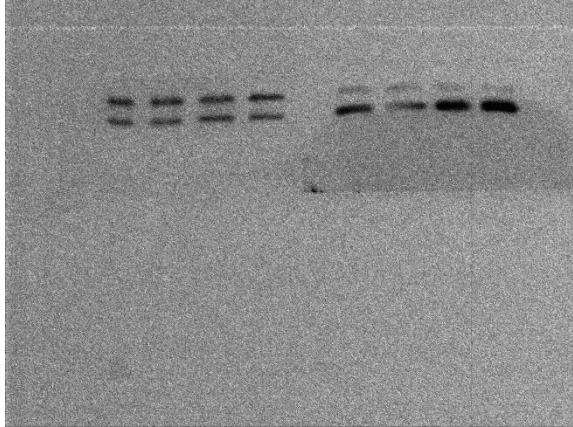
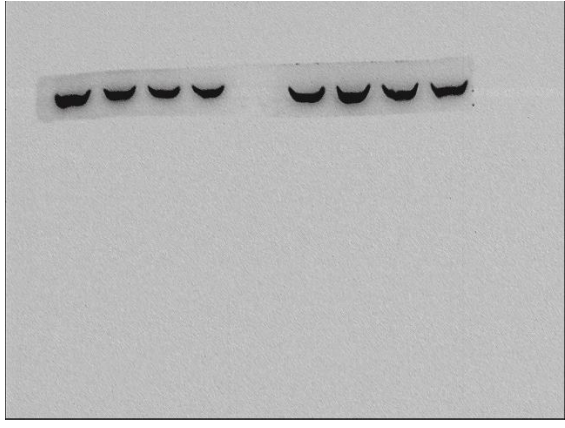
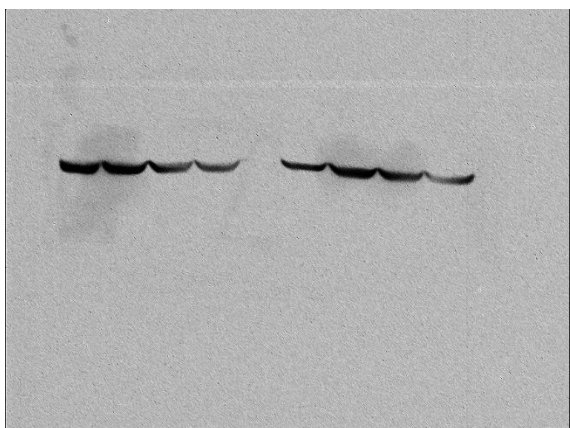
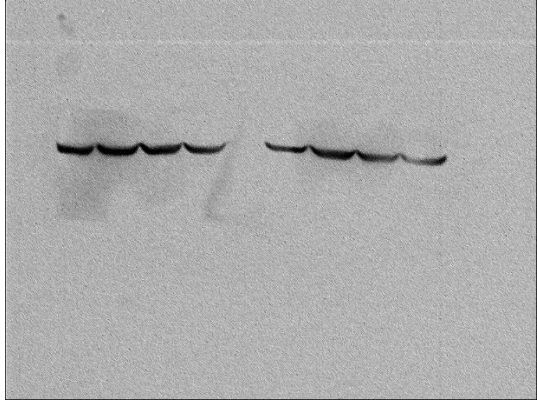
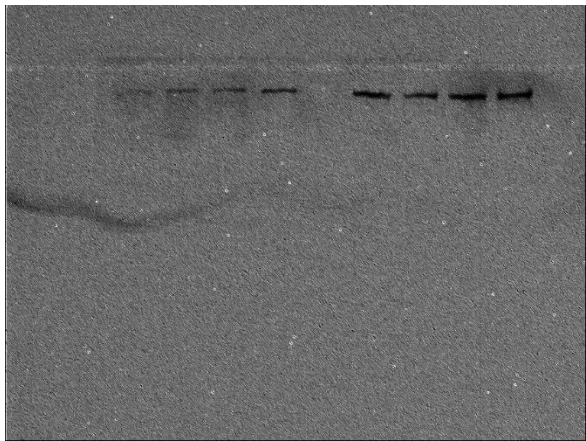
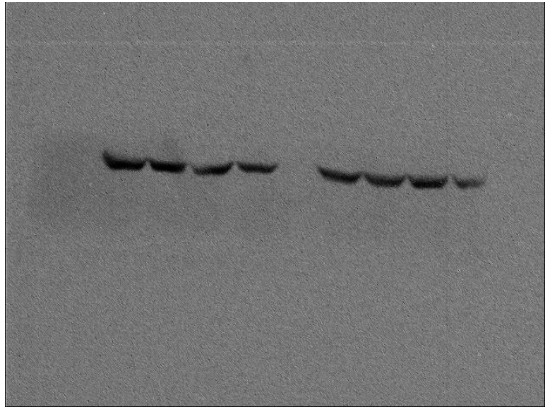
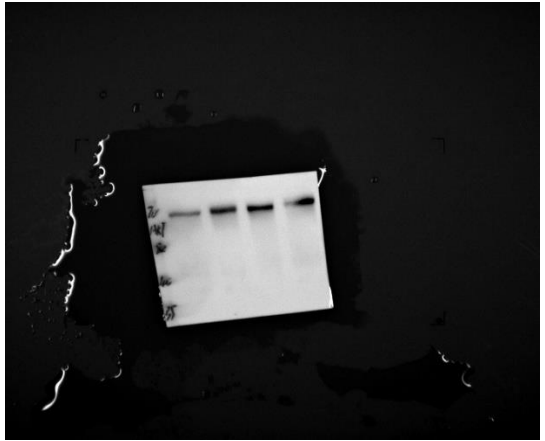
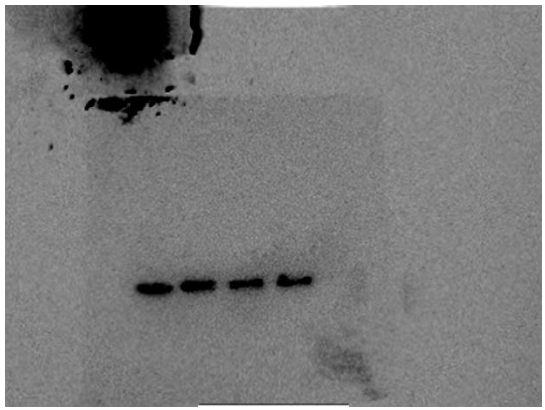
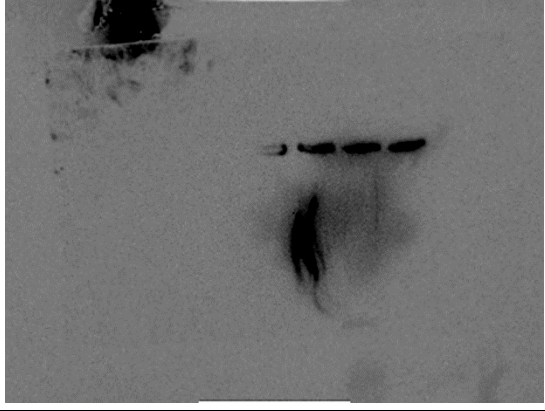
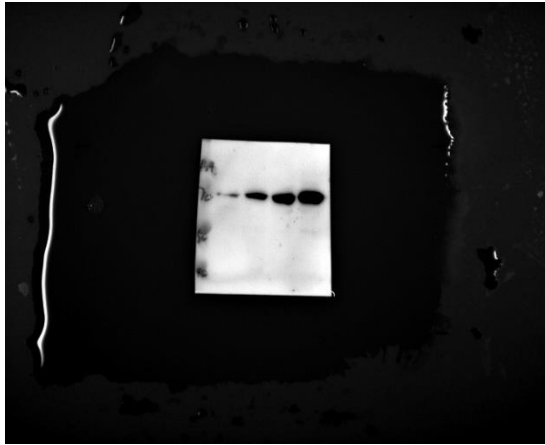
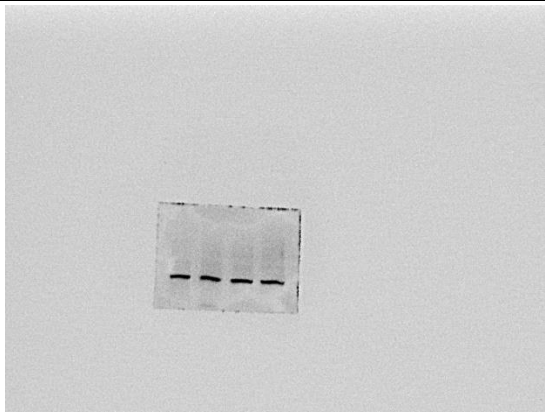
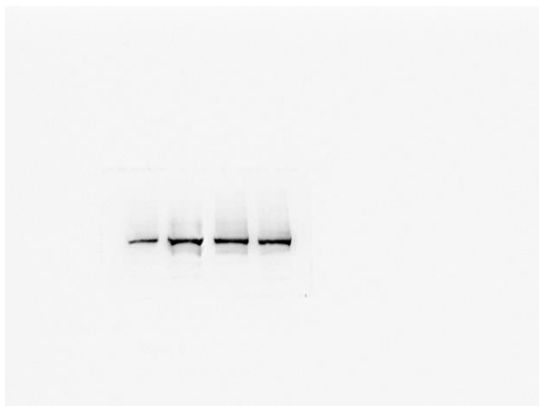
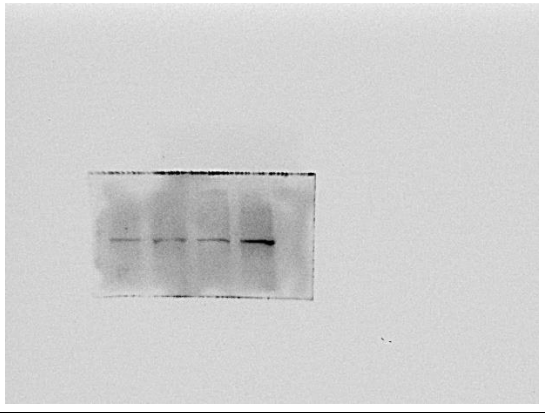


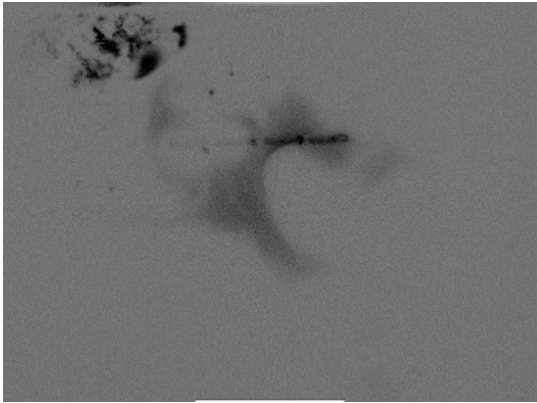
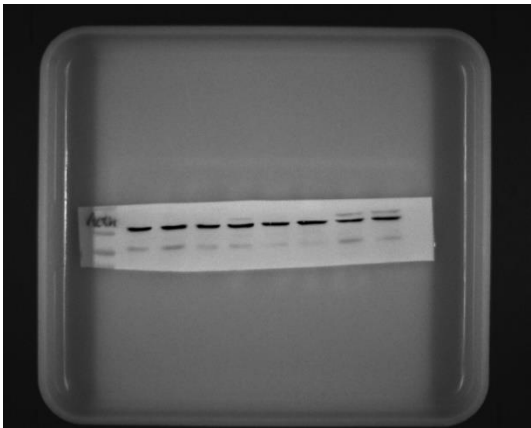
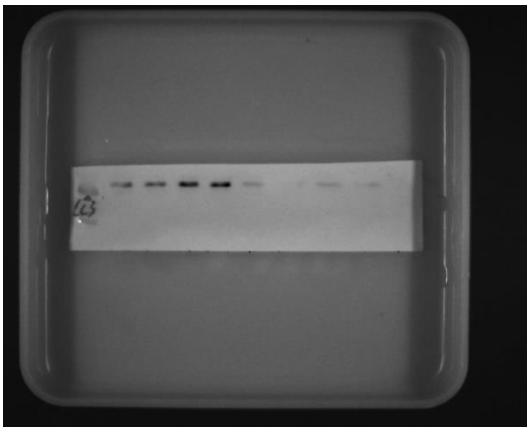
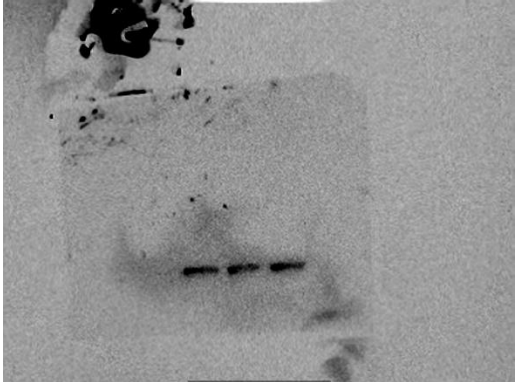
| NO. | The full length immunoblots are shown below: |                                                                                      |
|-----|----------------------------------------------|--------------------------------------------------------------------------------------|
| 1   | Figure.2<br>G-actin                          |    |
| 2   | Figure.2<br>G-LC3                            |     |
| 3   | Figure.2<br>K-actin                          |  |
| 4   | Figure.2<br>K-ATG5                           |  |

|   |                       |                                                                                      |
|---|-----------------------|--------------------------------------------------------------------------------------|
| 5 | Figure.2<br>K-LC3     |    |
| 6 | Figure.2<br>K-p62     |   |
| 7 | Figure.3<br>A-actin   |  |
| 8 | Figure.3<br>A-Beclin1 |  |

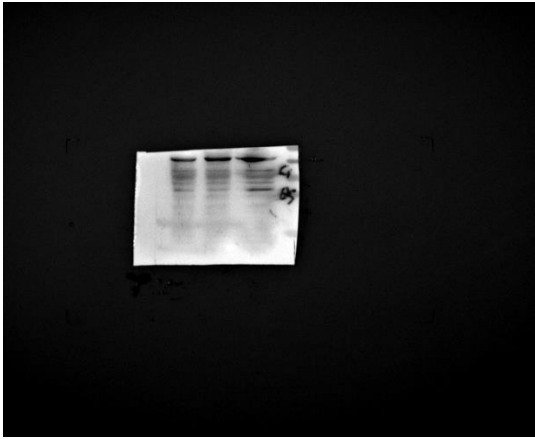
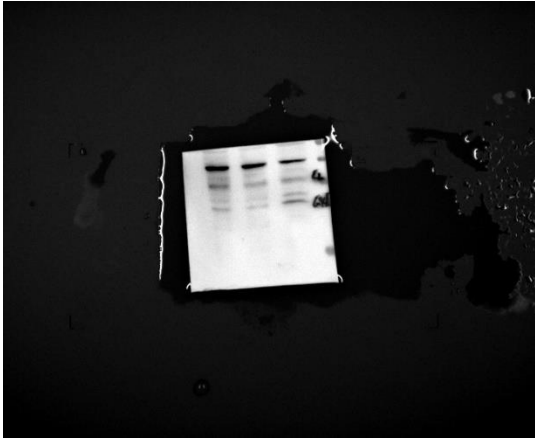
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|----|-------------------------|--------------------------------------------------------------------------------------|
| 9  | Figure.3<br>A-PI3KP110a |    |
| 10 | Figure.3<br>A-PI3KP110b |    |
| 11 | Figure.3<br>A-PI3KP110r |   |
| 12 | Figure.3<br>A-vps15     |  |

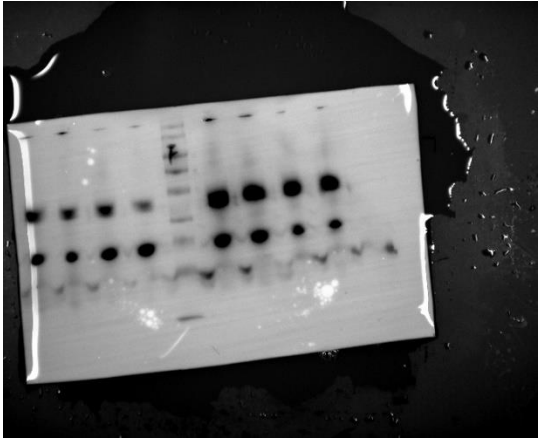
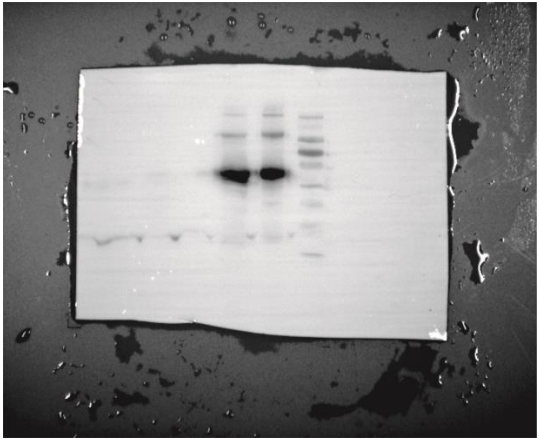
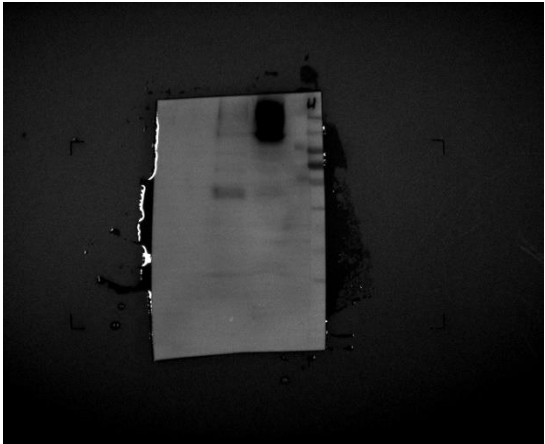
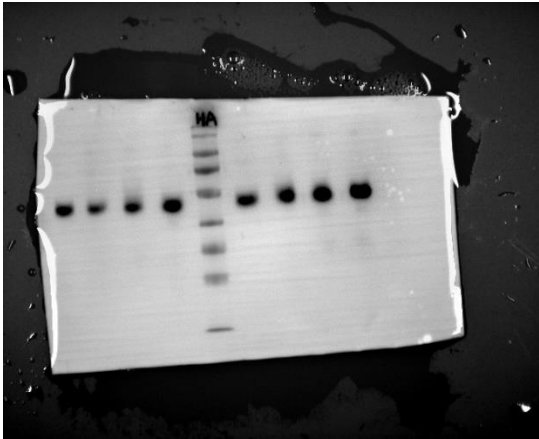
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|----|----------------------|--------------------------------------------------------------------------------------|
| 13 | Figure.3<br>A- Vps34 |    |
| 14 | Figure.3<br>C- AKT   |   |
| 15 | Figure.3<br>C-actin  |  |
| 16 | Figure.3<br>C-mTOR   |  |

|    |                         |                                                                                      |
|----|-------------------------|--------------------------------------------------------------------------------------|
| 17 | Figure.3<br>C-p-AKT     |    |
| 18 | Figure.3<br>C-PI3K      |   |
| 19 | Figure.3<br>C-PI3KP110a |  |
| 20 | Figure.3<br>C-PI3KP110b |  |

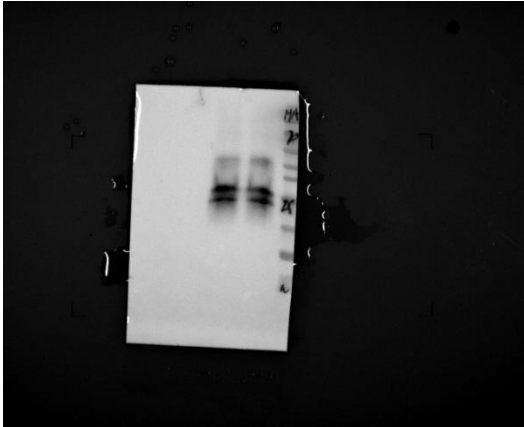
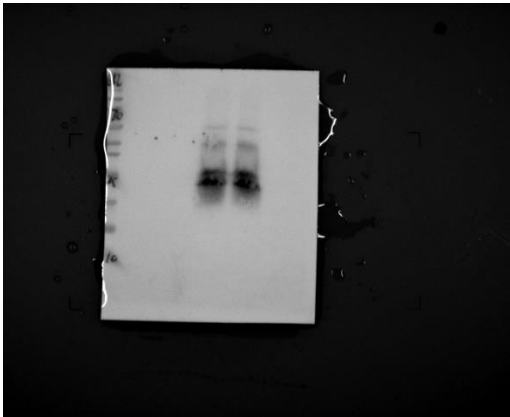
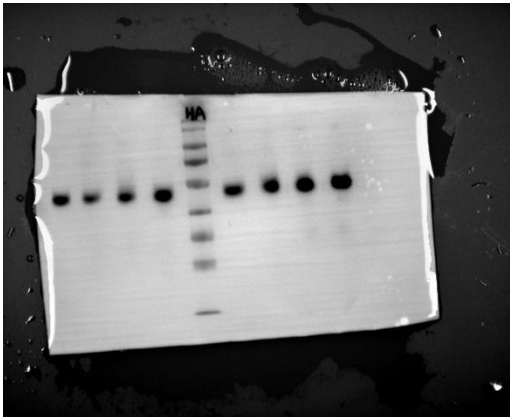
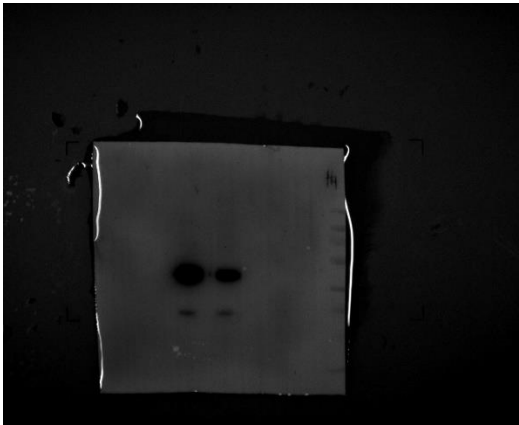
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|----|---------------------|--------------------------------------------------------------------------------------|
| 21 | Figure.3<br>C-pmTOR |    |
| 22 | Figure.3<br>E-actin |   |
| 23 | Figure.3<br>E-LC3   |  |
| 24 | Figure.5<br>A-actin |  |

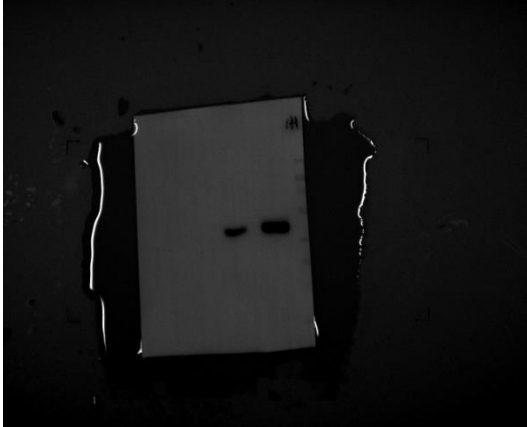
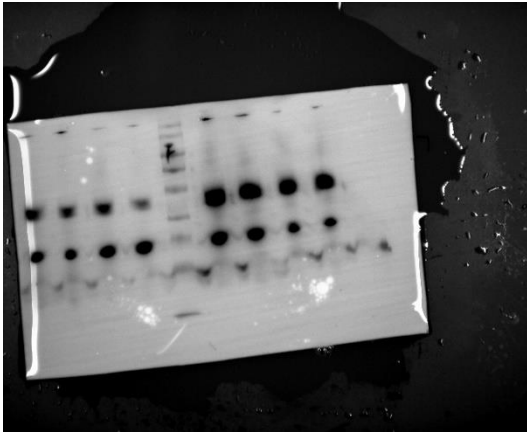
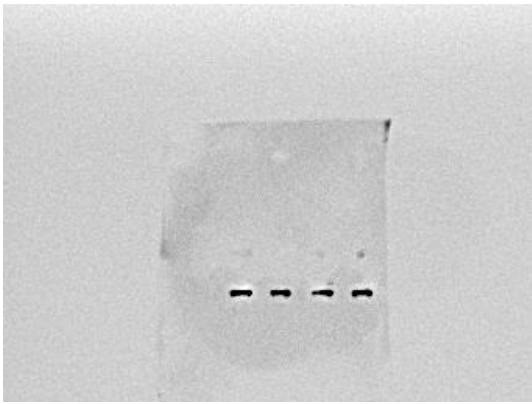
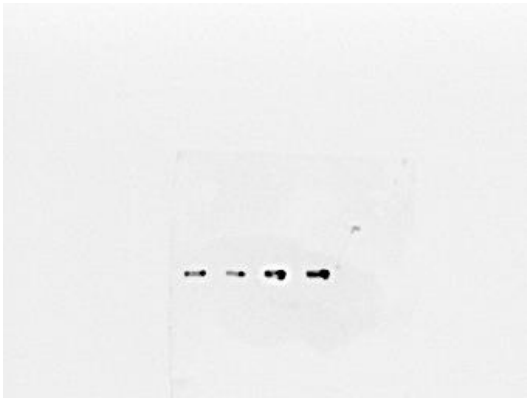


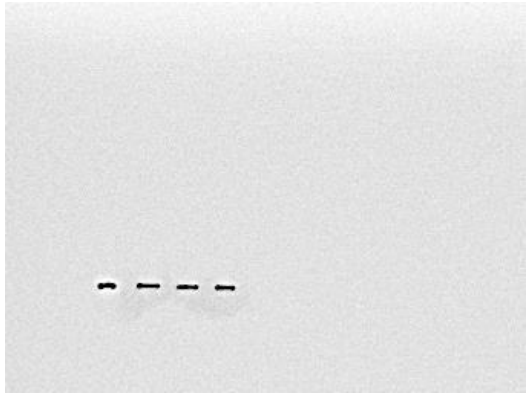
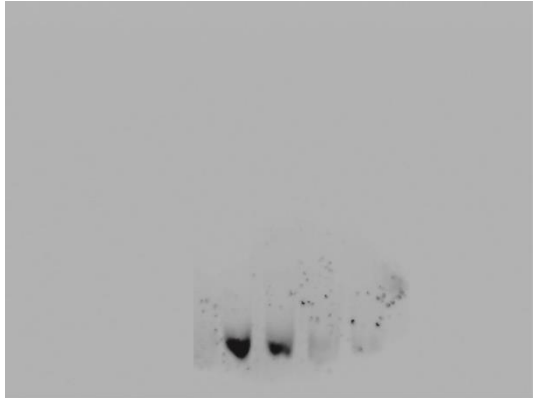
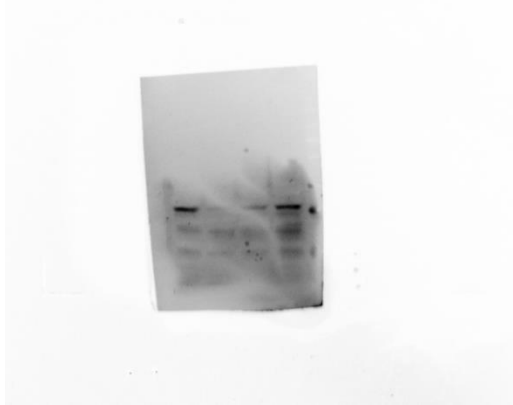
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|----|-------------------------|--------------------------------------------------------------------------------------|
| 25 | Figure.5<br>A-QKI       |    |
| 26 | Figure.5<br>B-actin     |   |
| 27 | Figure.5<br>B-QKI       |  |
| 28 | Figure.5<br>B-ubiquitin |  |

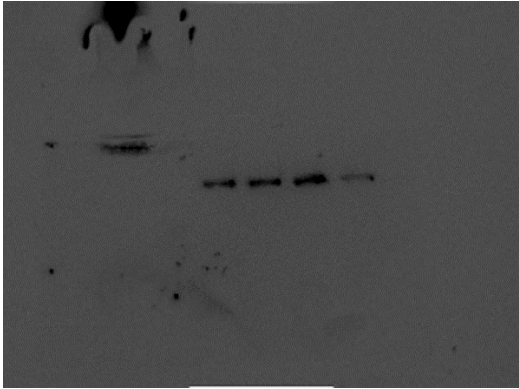
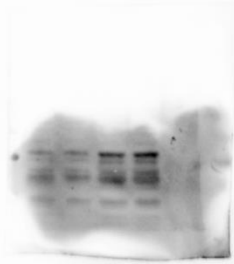
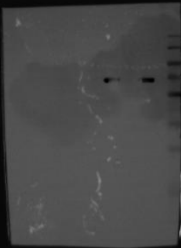
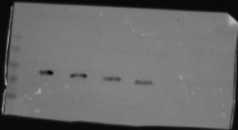
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|----|---------------------------------------|--------------------------------------------------------------------------------------|
| 29 | Figure.5<br>C input-flag(left)        |    |
| 30 | Figure.5<br>C-anti flag               |   |
| 31 | Figure.5<br>C-ubi                     |  |
| 32 | Figure.5<br>D-input anti-HA<br>(left) |  |

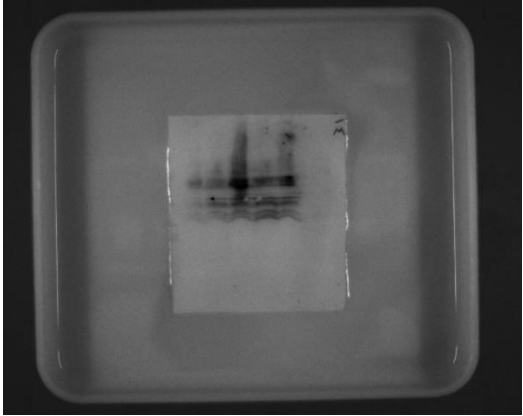
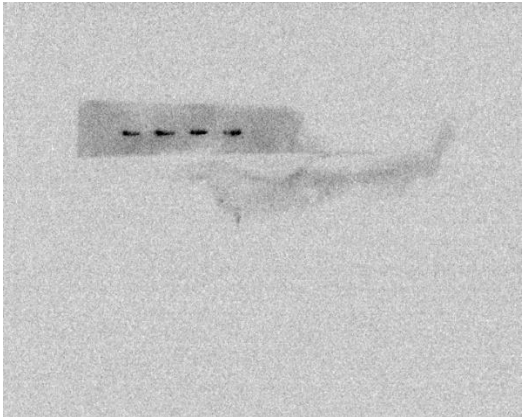


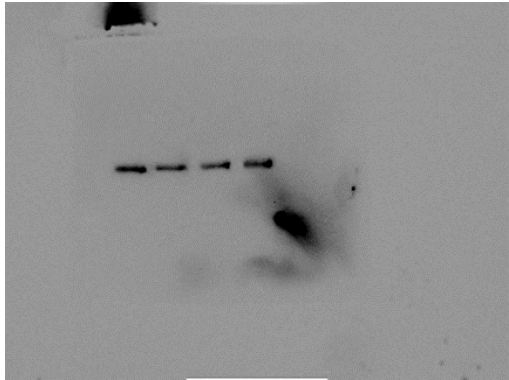
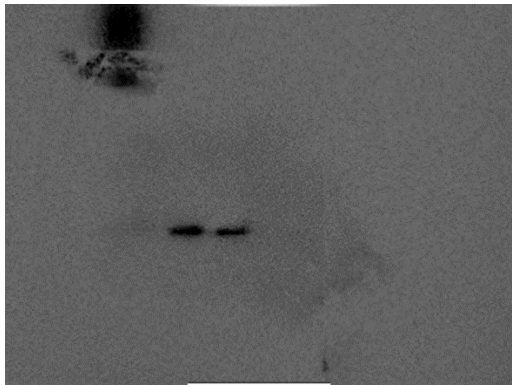
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|----|-----------------------------------------|--------------------------------------------------------------------------------------|
| 33 | Figure.5<br>D-anti-HA                   |    |
| 34 | Figure.5<br>D-anti-QKI                  |   |
| 35 | Figure.5<br>E- input anti-<br>HA(right) |  |
| 36 | Figure.5<br>E-anti-flag                 |  |

|    |                                 |                                                                                      |
|----|---------------------------------|--------------------------------------------------------------------------------------|
| 37 | Figure.5<br>E-anti-HA           |    |
| 38 | Figure.5<br>E-input-flag(right) |   |
| 39 | Figure.6<br>B-actin             |  |
| 40 | Figure.6<br>B-rnf6              |  |

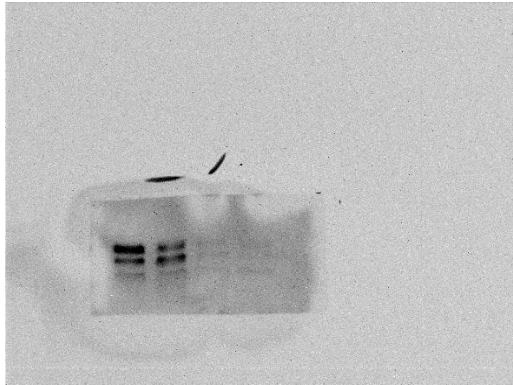
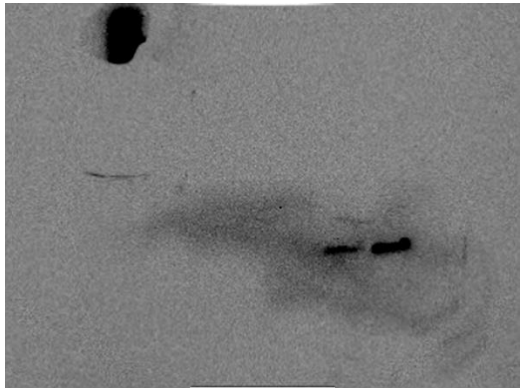
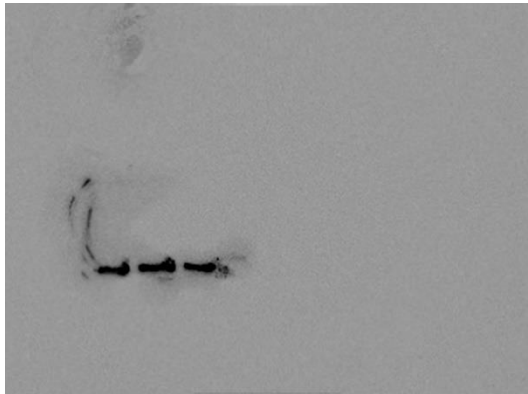
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|----|---------------------|--------------------------------------------------------------------------------------|
| 41 | Figure.6<br>C-actin |    |
| 42 | Figure.6<br>C-rnf6  |   |
| 43 | Figure.6<br>D-actin |  |
| 44 | Figure.6<br>D-QKI   |  |

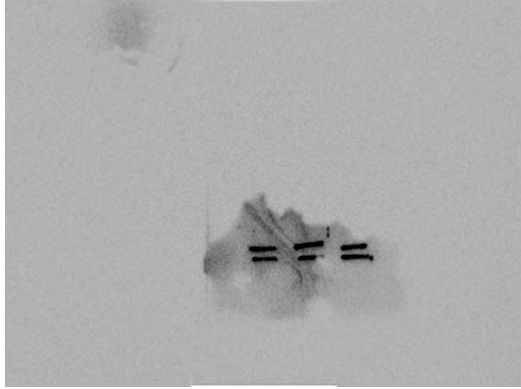
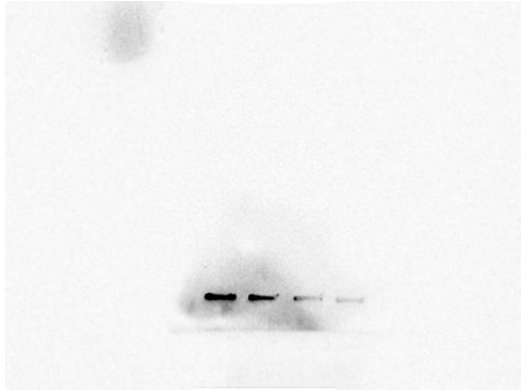
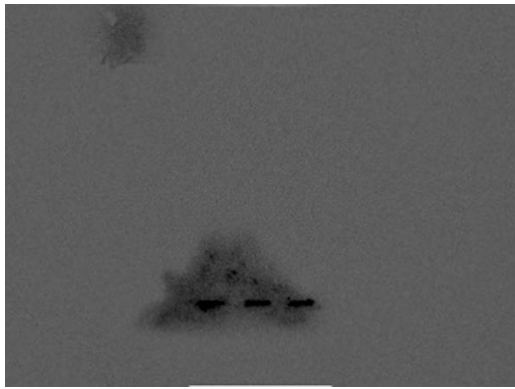
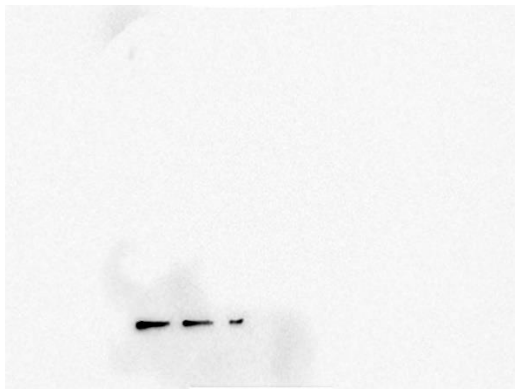
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|----|-------------------------|--------------------------------------------------------------------------------------|
| 45 | Figure.6<br>D-rnf6      |    |
| 46 | Figure.6<br>E -QKI      |    |
| 47 | Figure.6<br>E-anti-myc  |  |
| 48 | Figure.6<br>E-Input myc |  |

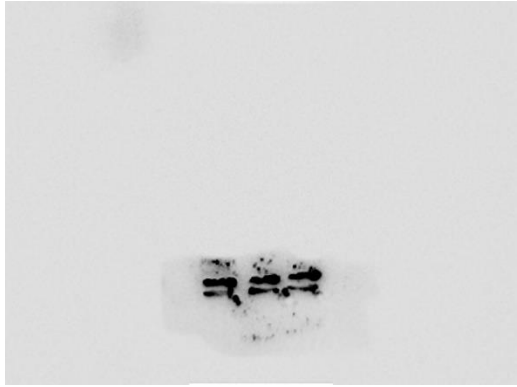
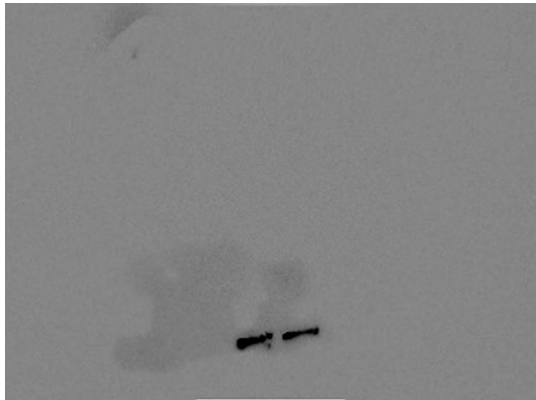
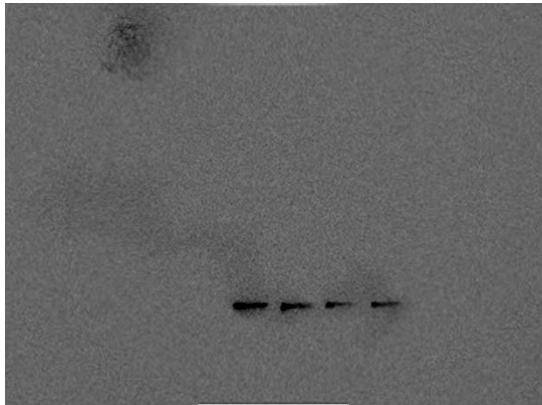
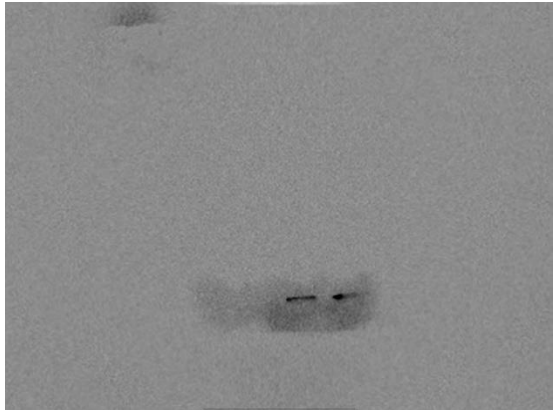
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| 49 | Figure.6<br>F-anti-ubiquitin |    |
| 50 | Figure.6<br>F-anti flag      |   |
| 51 | Figure.6<br>F-anti-myc       |  |
| 52 | Figure.6<br>G-actin          |  |

|    |                           |                                                                                      |
|----|---------------------------|--------------------------------------------------------------------------------------|
| 53 | Figure.6<br>G-LC3         |    |
| 54 | Figure.6<br>G-PI3Kp110a   |   |
| 55 | Figure.6 .<br>G-PI3Kp110b |  |
| 56 | Figure.7<br>B- actin      |  |



|    |                            |                                                                                      |
|----|----------------------------|--------------------------------------------------------------------------------------|
| 57 | Figure.7<br>B-QKI          |    |
| 58 | Figure.7<br>D- actin       |   |
| 59 | Figure.7 D- QKI            |  |
| 60 | Supplementary.2<br>F-actin |  |

|    |                             |                                                                                      |
|----|-----------------------------|--------------------------------------------------------------------------------------|
| 61 | Supplementary.2<br>F-QKI    |    |
| 62 | Supplementary.2<br>F-MSL2   |   |
| 63 | Supplementary.2<br>G-actin  |  |
| 64 | Supplementary.2<br>G-otulin |  |

|    |                           |                                                                                      |
|----|---------------------------|--------------------------------------------------------------------------------------|
| 65 | Supplementary.2<br>G-QKI  |    |
| 66 | Supplementary.2<br>H-DDX6 |   |
| 67 | Supplementary.2<br>H-flag |  |
| 68 | Supplementary.2<br>H-edc3 |  |