

Enhanced skeletal muscle insulin sensitivity after acute resistance-type exercise is upregulated by rapamycin-sensitive mTOR complex 1 inhibition

Kohei Kido, Kohei Sase, Takumi Yokokawa, Satoshi Fujita

Raw blots related to Figure 1

P-AMPK α Thr172

P-AMPK α Thr172 →



→



T-AMPK

T-AMPK →



→



P-ACC Ser79

P-ACC Ser79 →



→



T-ACC

T-ACC →



→



P-TBC1D1 Ser231
T-TBC1D4
P-TBC1D4 Thr651

P-TBC1D1 Ser231 →



T-TBC1D4 →



P-TBC1D4 Thr651 →



T-TBC1D1

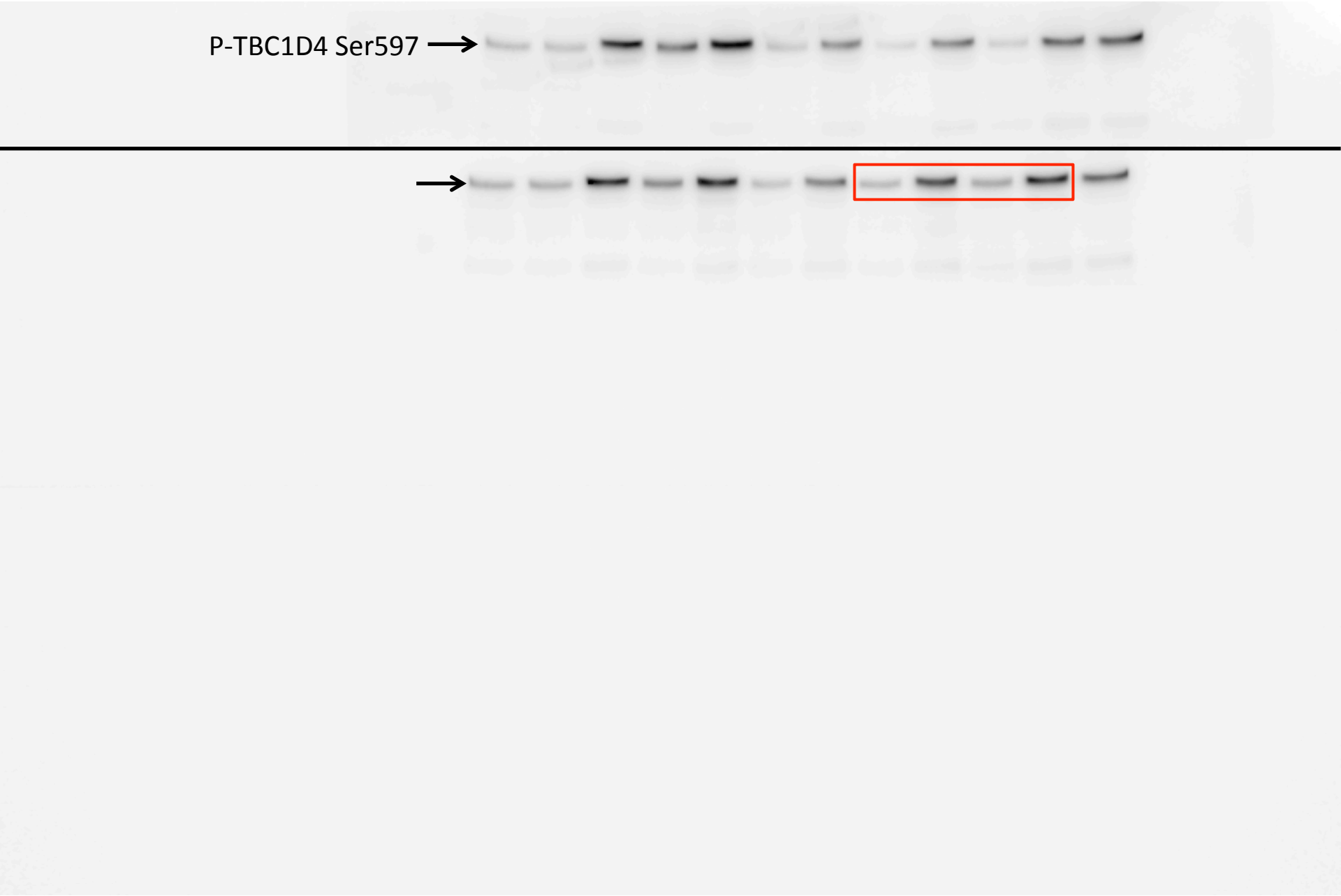
T-TBC1D1 →



P-TBC1D4 Ser597

P-TBC1D4 Ser597 →

→

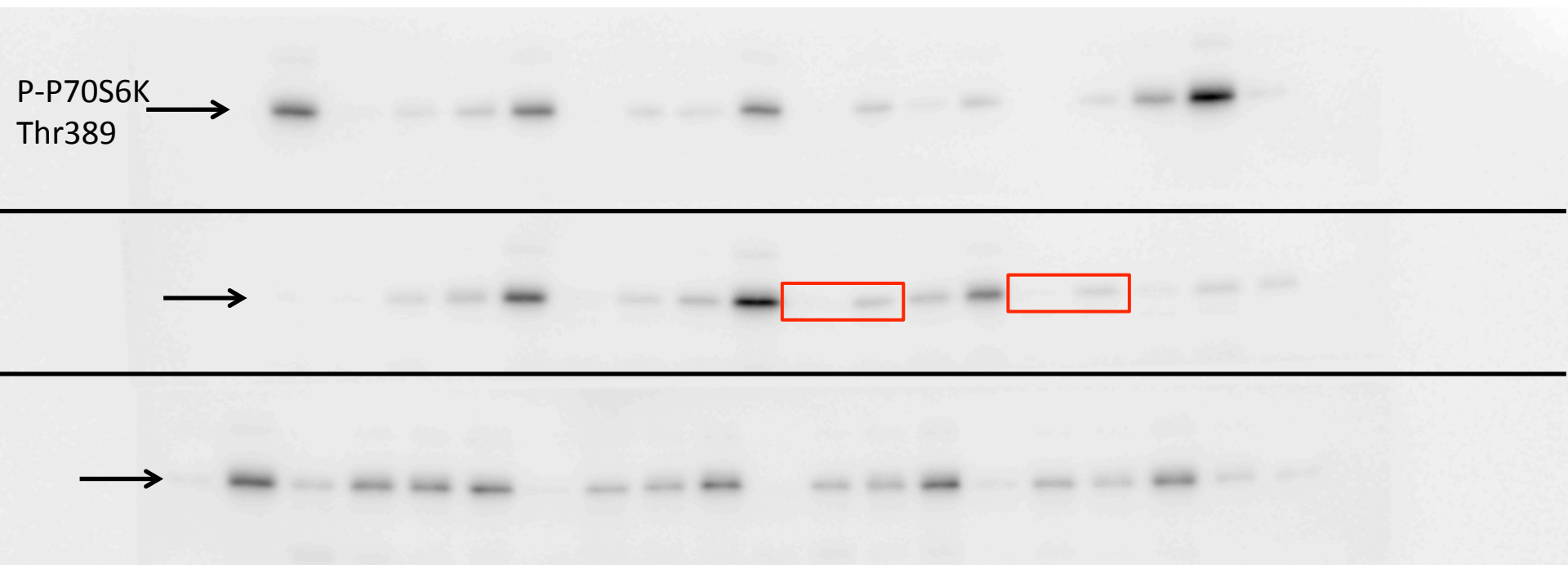


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Raw blots related to Figure 2

P-P70S6K Thr389

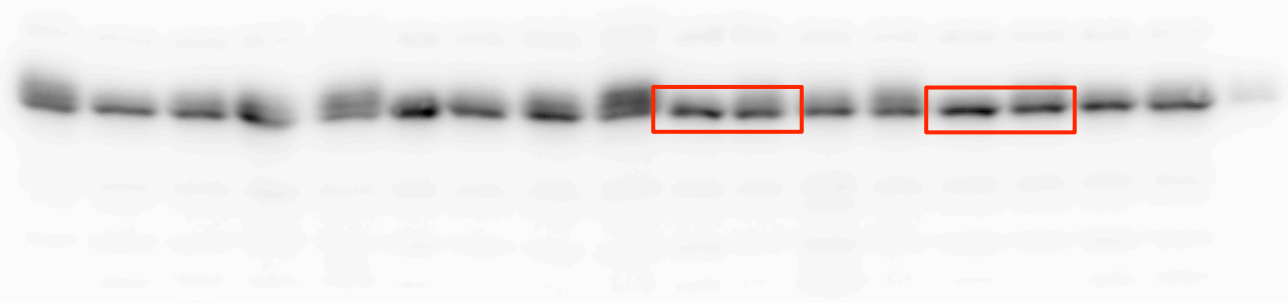


T-P70S6K

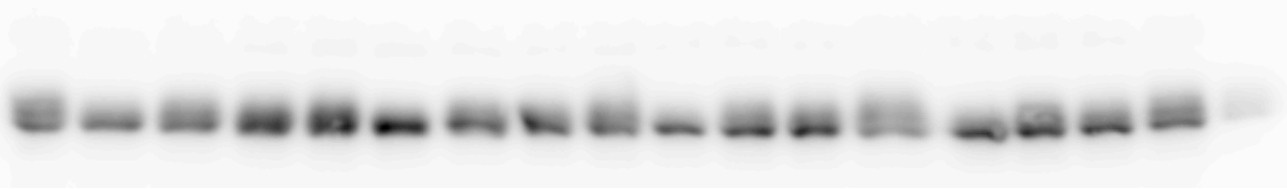
T-P70S6K →



→



→



P-IRS-1 Ser1100

P-IRS-1 Ser1100 →



→

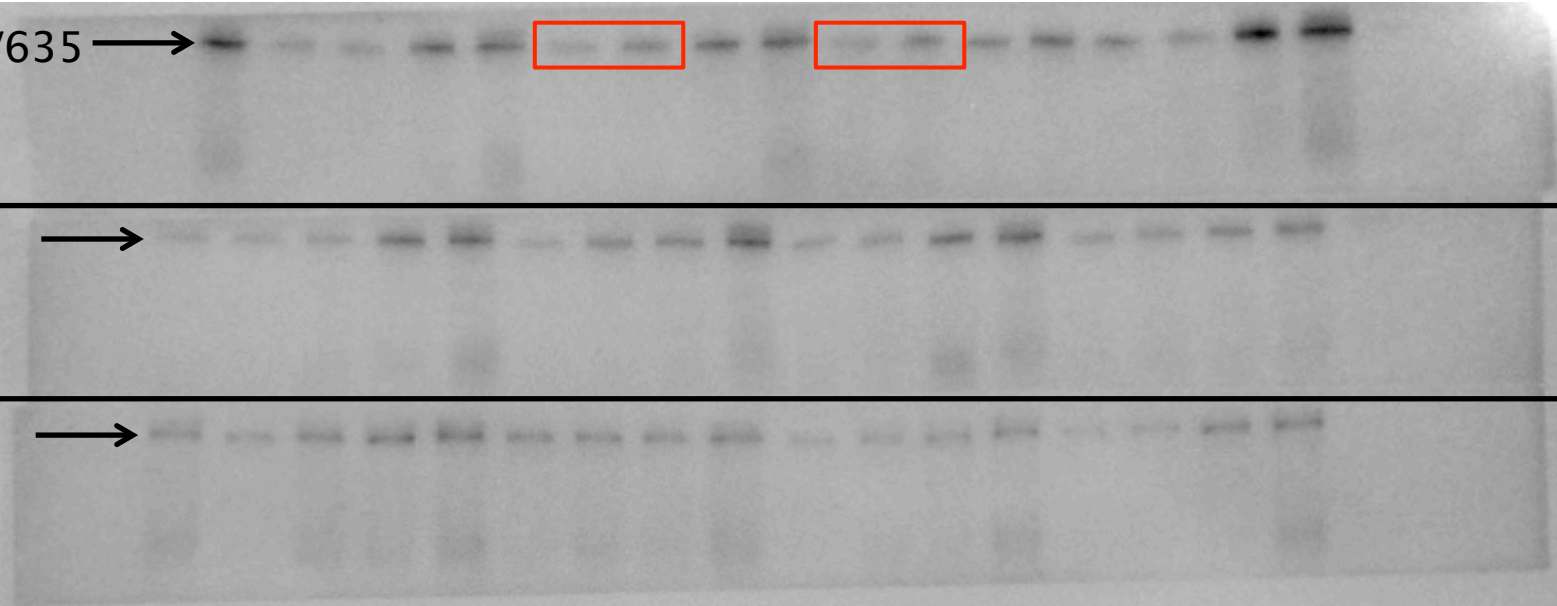


→



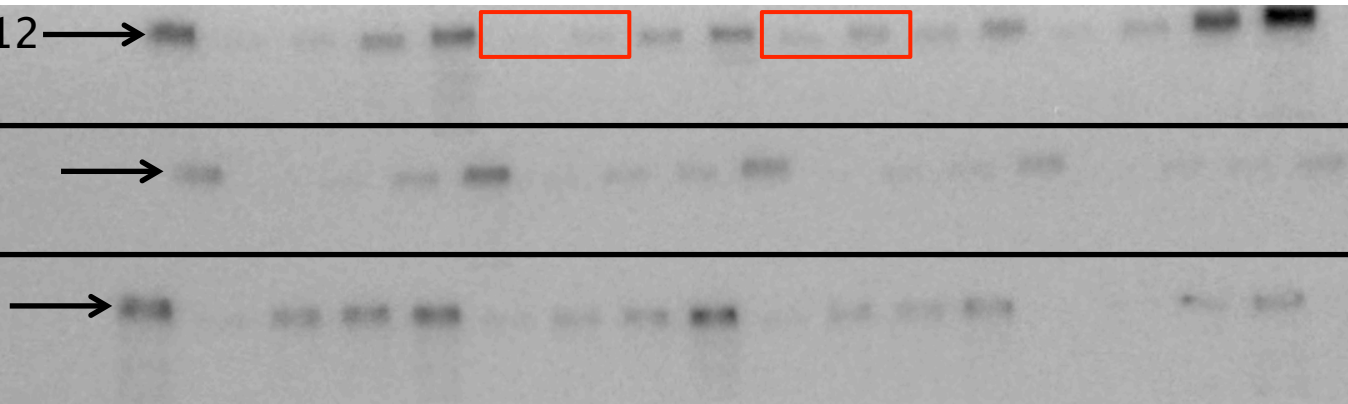
P-IRS-1 Ser632/635

P-IRS-1 Ser632/635 →



P-IRS-1 Ser612

P-IRS-1 Ser612 →



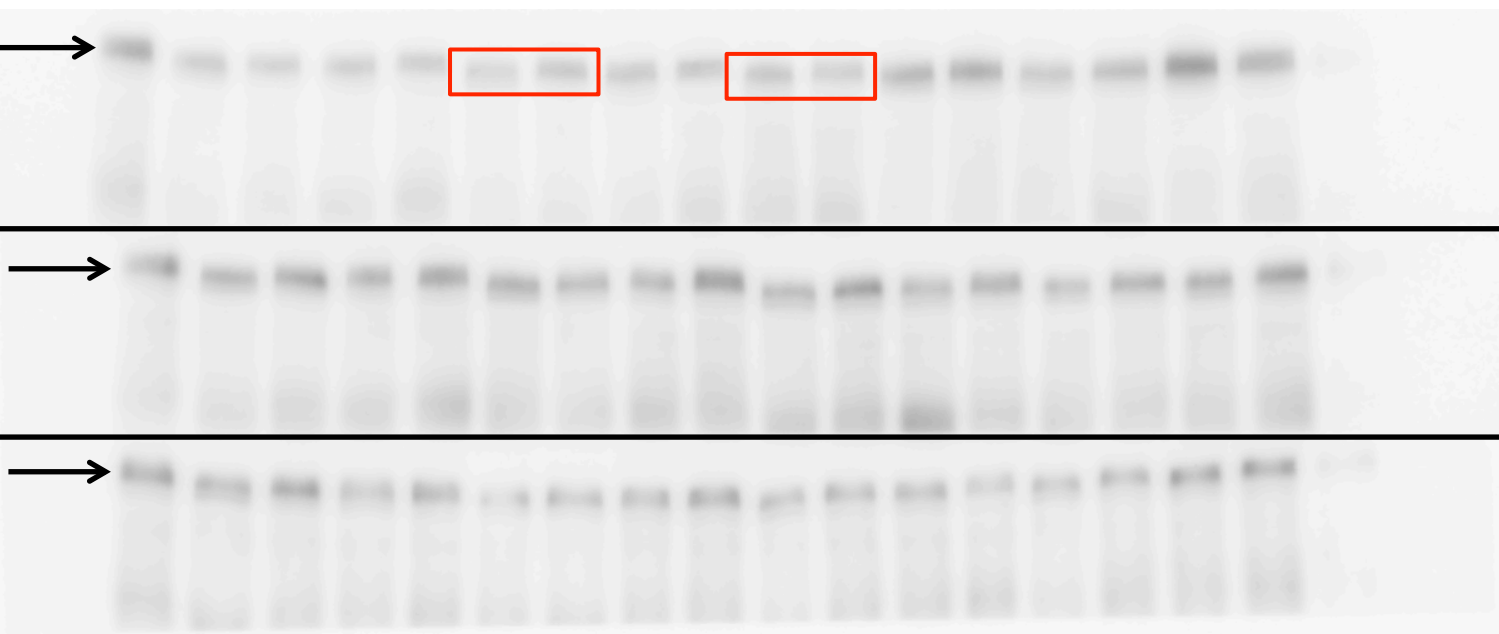
T-IRS-1

T-IRS-1 →



→

→



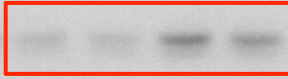
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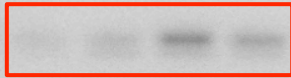
Raw blots related to Figure 3

P-Akt Thr308

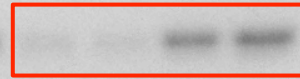
P-Akt Thr308 →



→

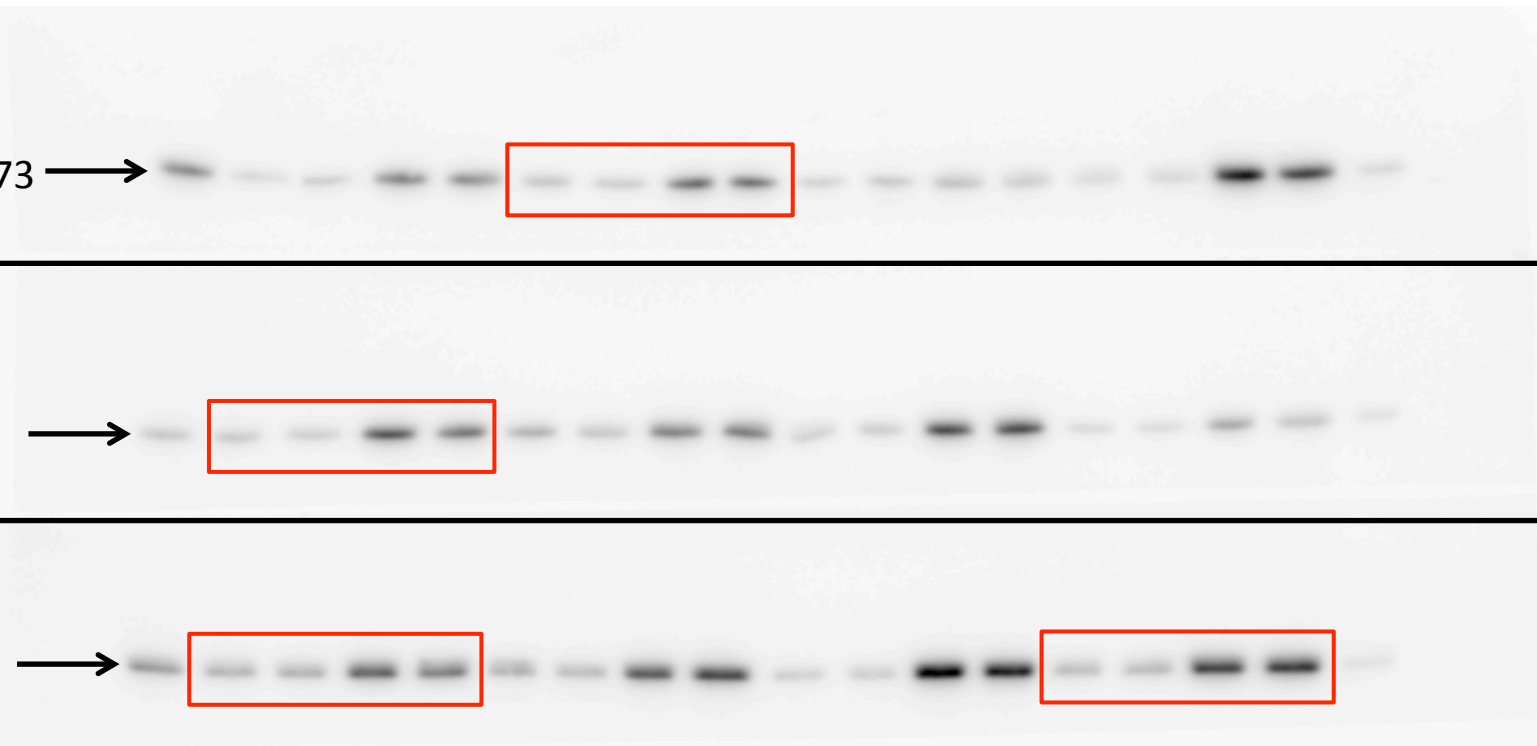


→



P-Akt Ser473

P-Akt Ser473 →



T-Akt



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Raw blots related to Figure 4

P-TBC1D1 Ser231

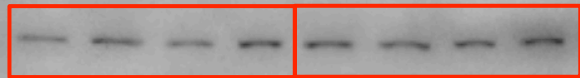
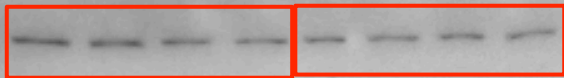


T-TBC1D1

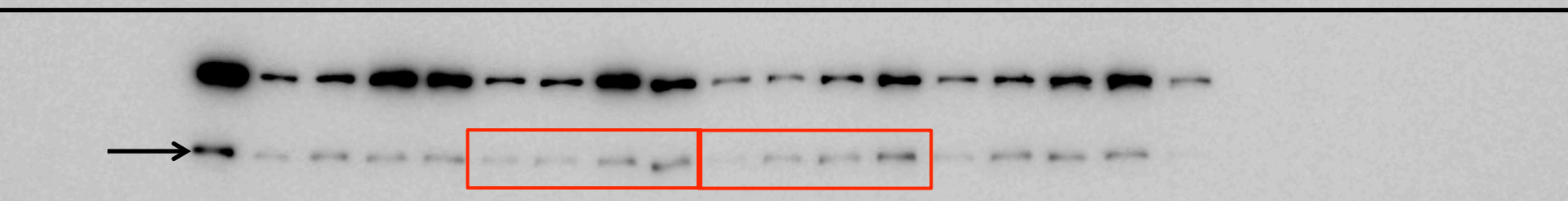
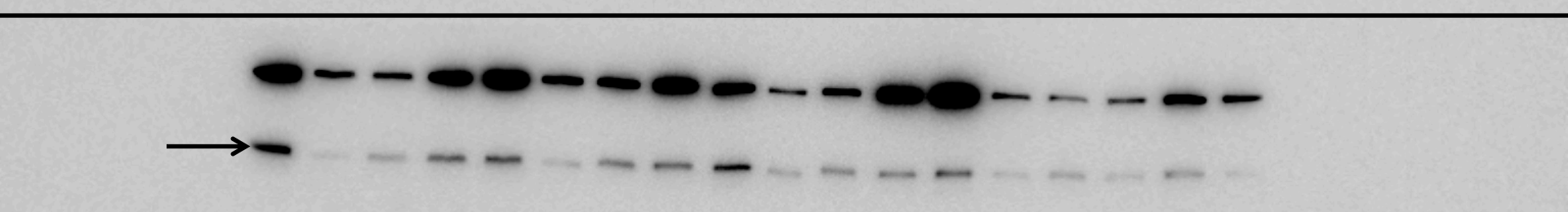
T-TBC1D1 →

→

→

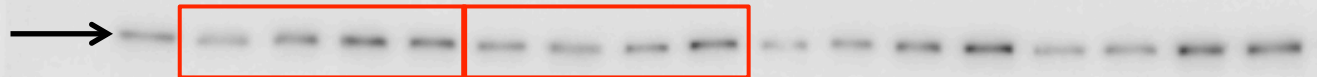
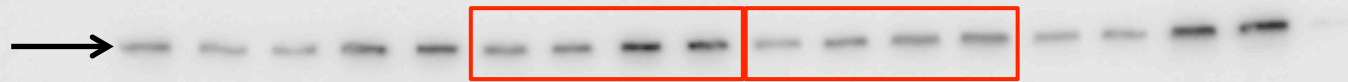


P-TBC1D4 Ser597

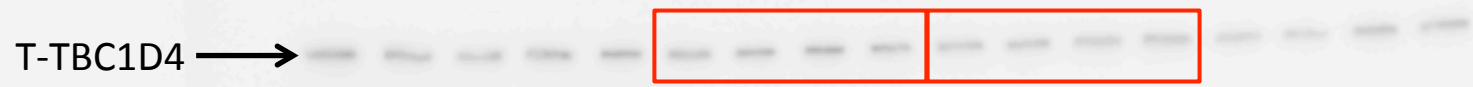


P-TBC1D4 Thr651

P-TBC1D4
Thr651



T-TBC1D4



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Raw blots related to Figure 6

P-P70S6K Thr389

P-P70S6K Thr389 →

→



T-P70S6K

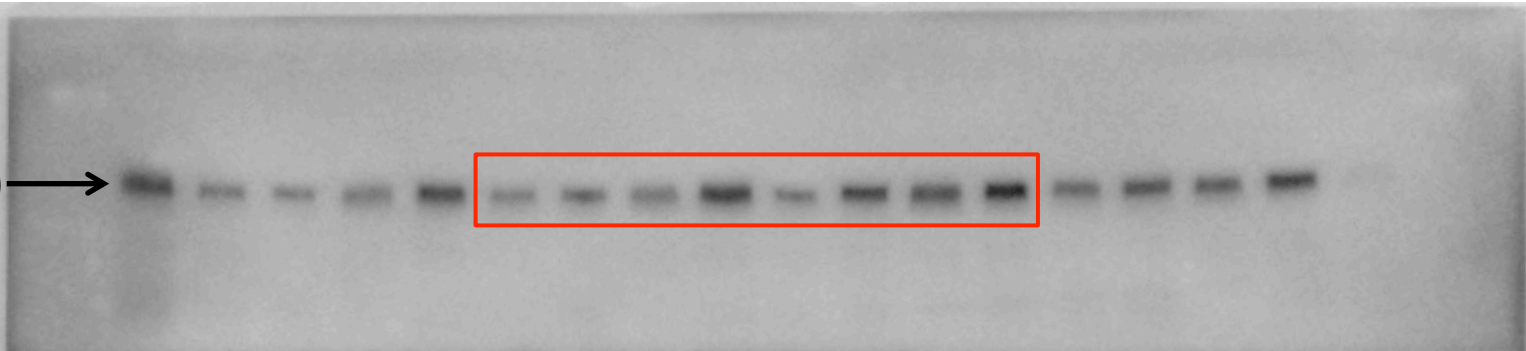
T-P70S6K →

→



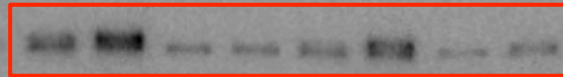
P-IRS-1 Ser1100

P-IRS-1 Ser1100

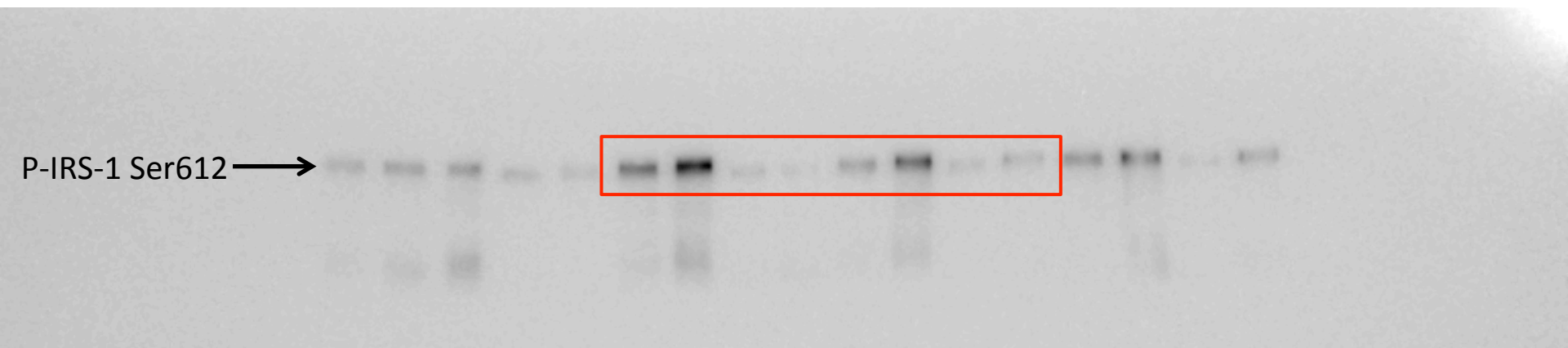


P-IRS-1 Ser632/635

P-IRS-1 Ser632/635 →



P-IRS-1 Ser612



T-IRS-1

T-IRS-1 →



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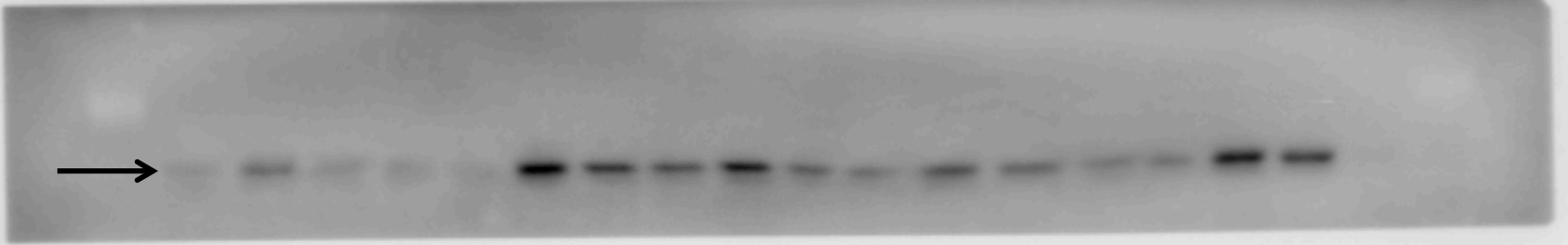
Raw blots related to Figure 7

P-Akt Thr308

P-Akt Thr308 →

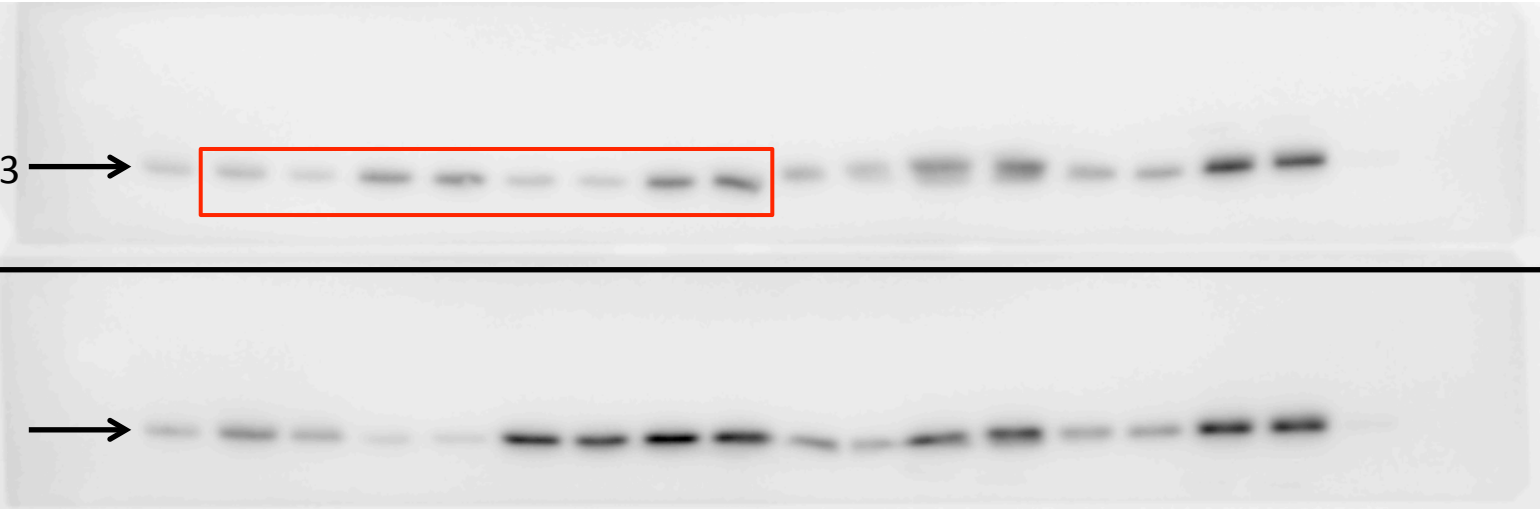
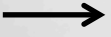


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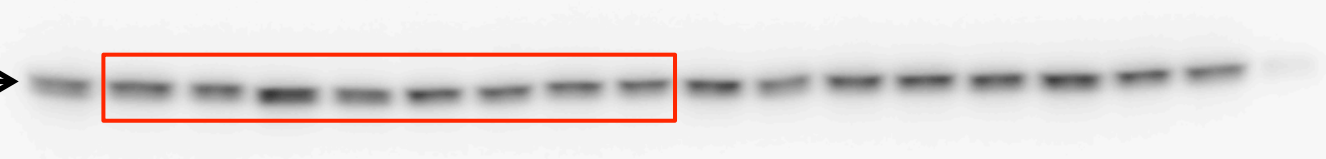
P-Akt Ser473

P-Akt Ser473

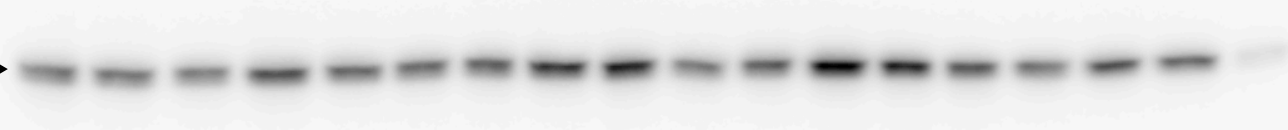


T-Akt

T-Akt →



→



P-TBC1D1 Ser231

P-TBC1D1
Ser231



T-TBC1D1

T-TBC1D1 →

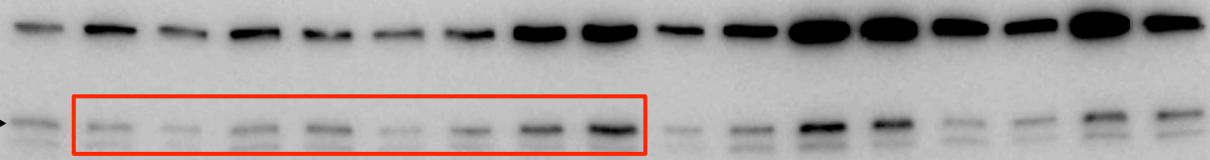


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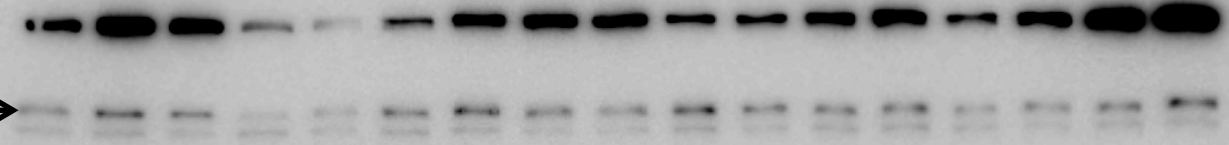


P-TBC1D4 Ser597

P-TBC1D4 Ser597 →

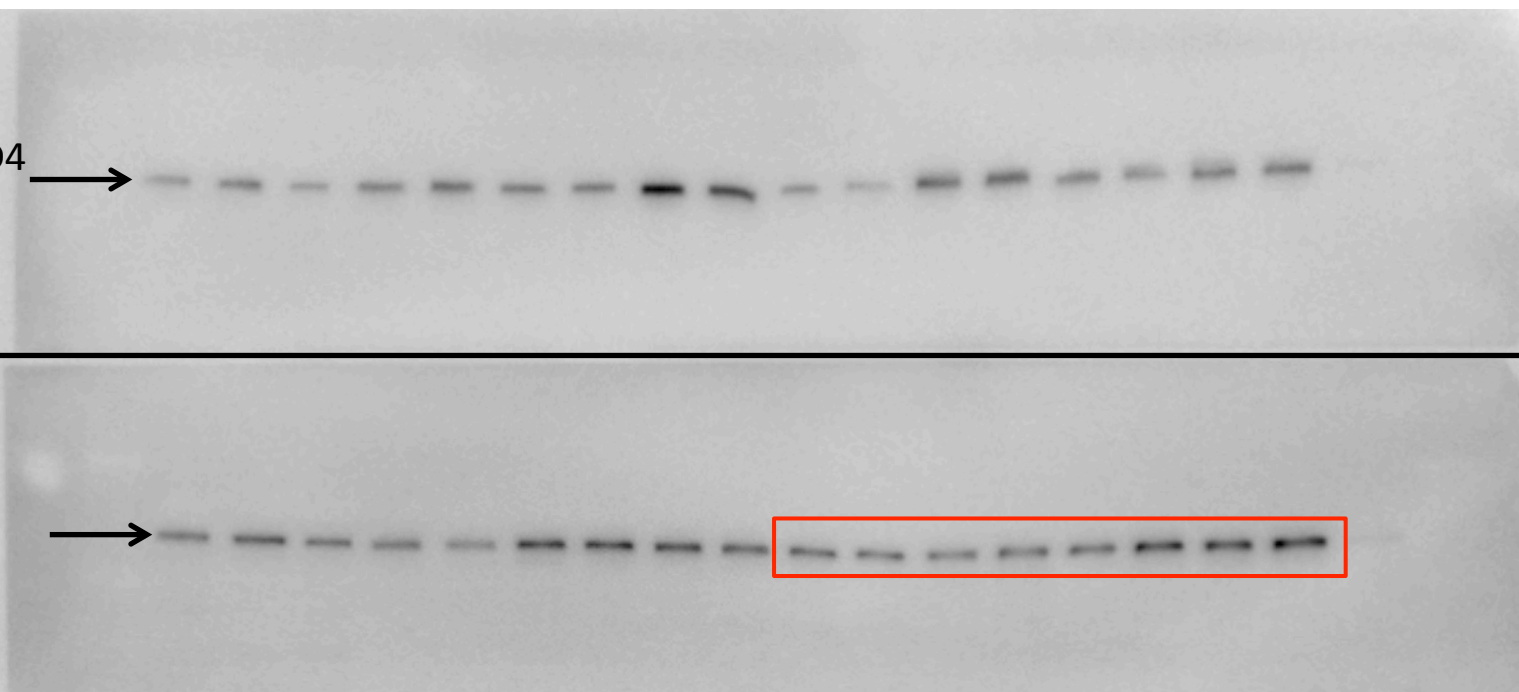


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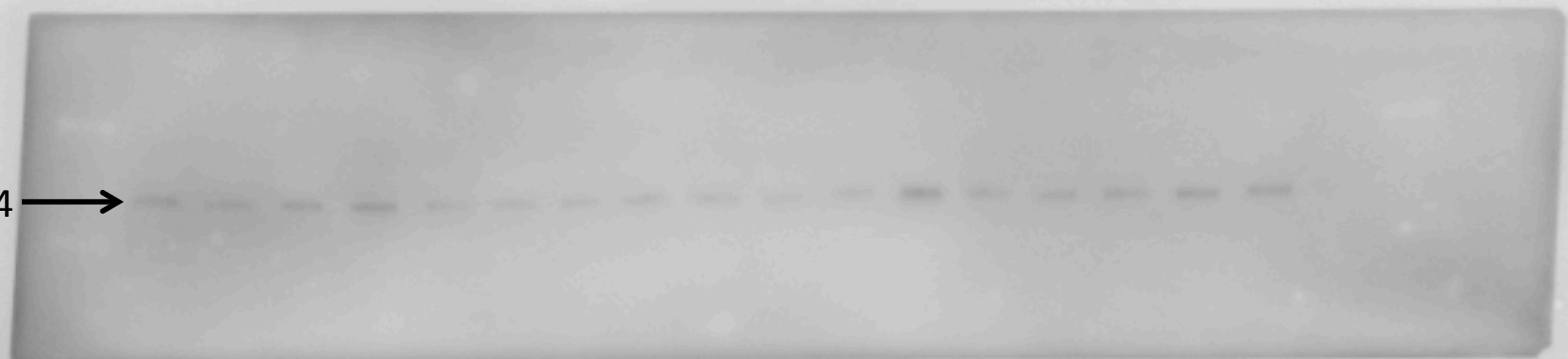
P-TBC1D4 Thr651

P-TBC1D4
Thr651 →



T-TBC1D4

T-TBC1D4 →



→

