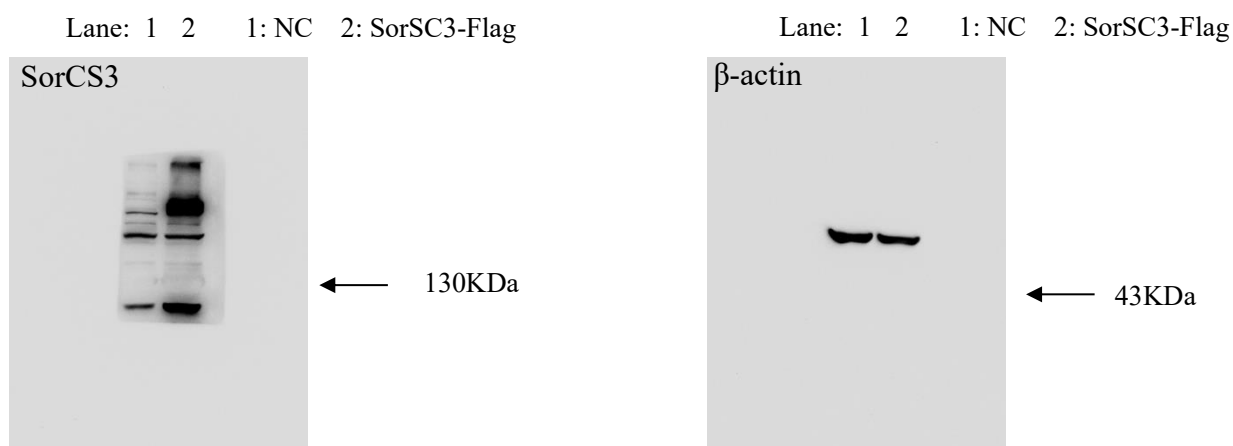


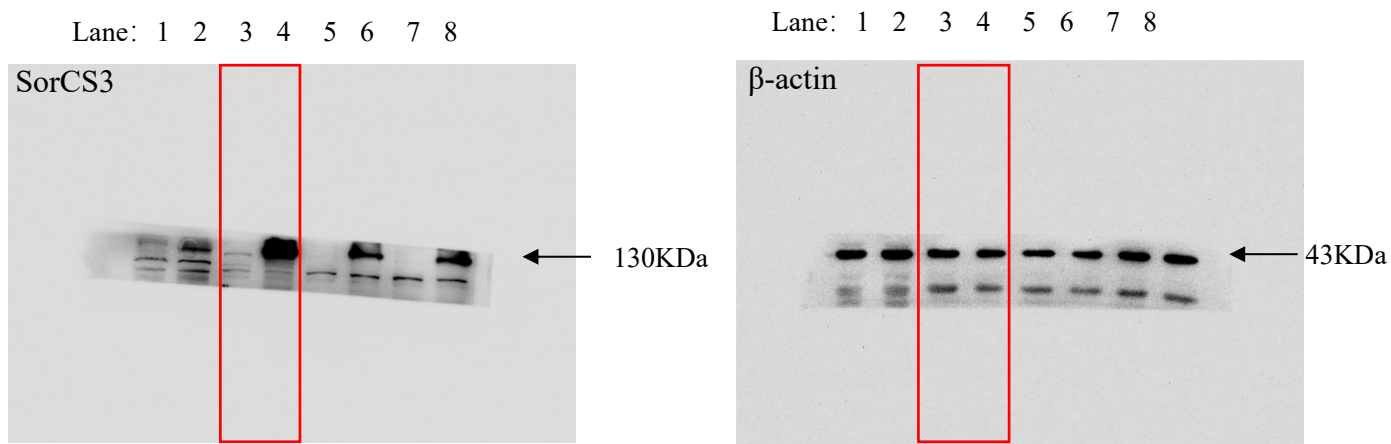
The original data of Western blots

Figure2-A

U87MG



U251

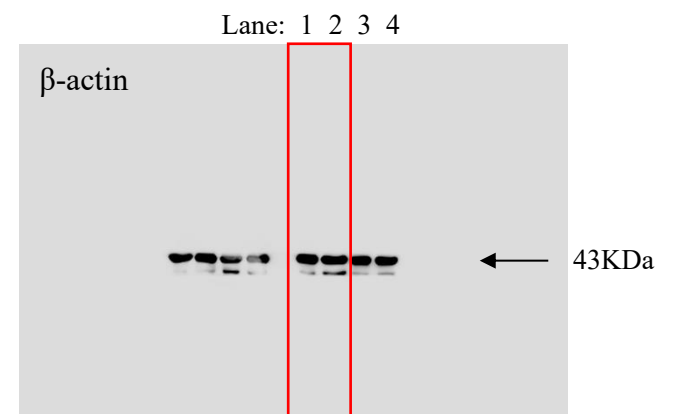
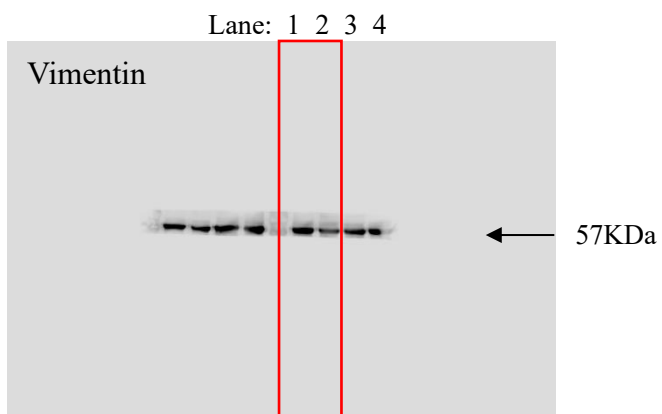
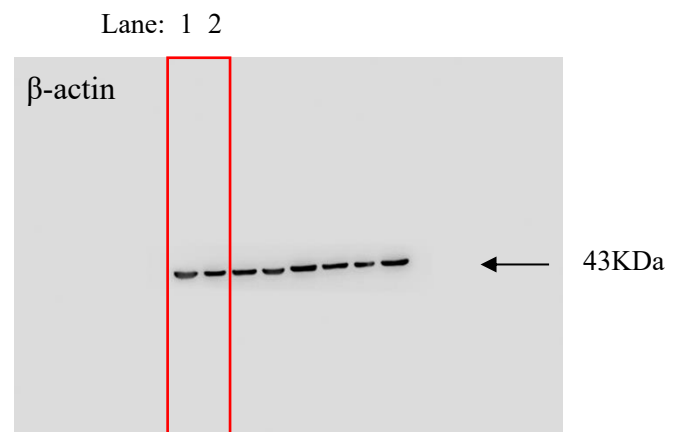
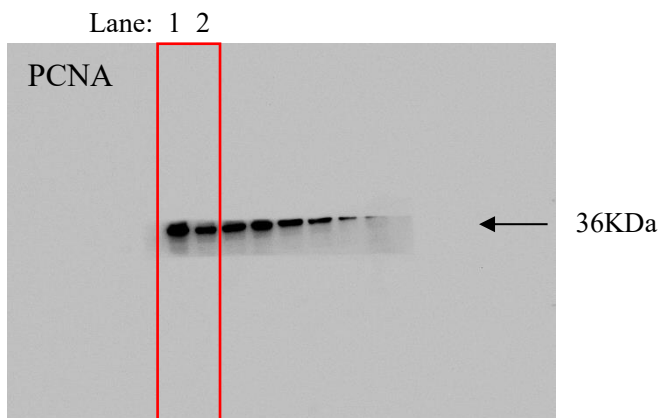
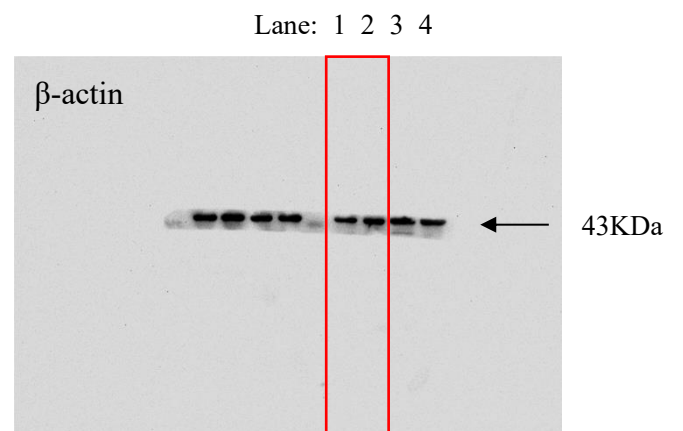
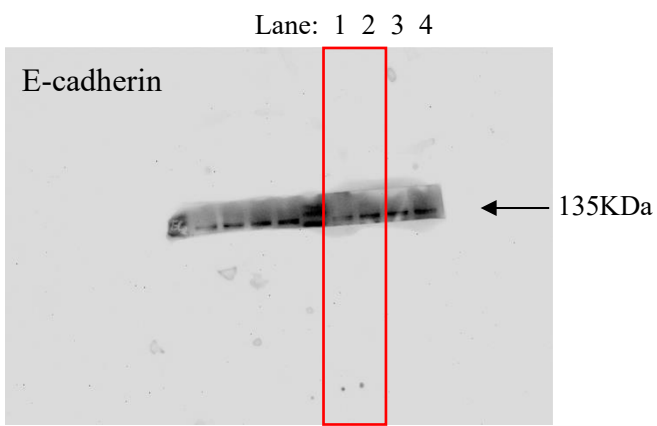
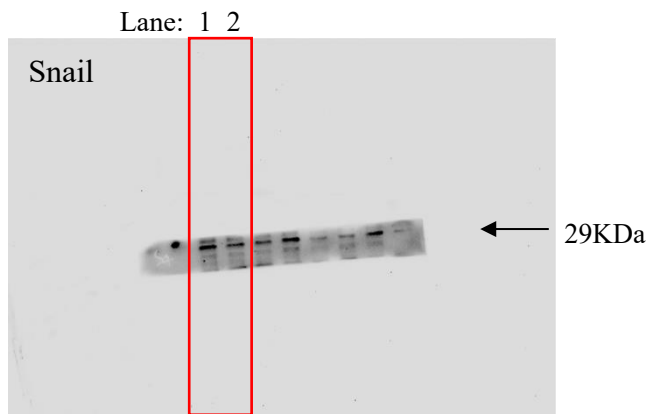


Lane

1: NC 2: SorSC3-Flag 3: NC 4: SorSC3-Flag 5: NC 6: SorSC3-Flag 7: NC 8: SorSC3-Flag

Figure2-J

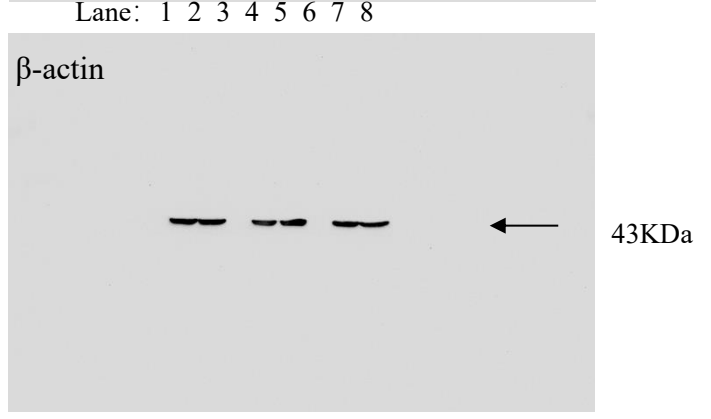
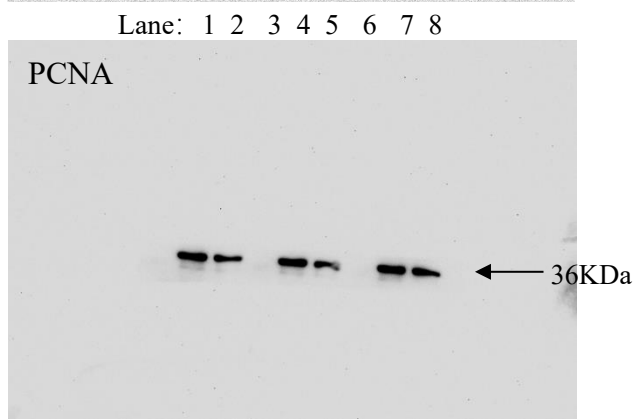
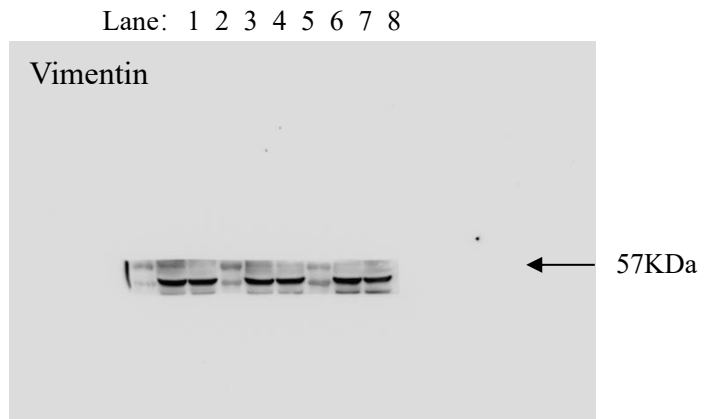
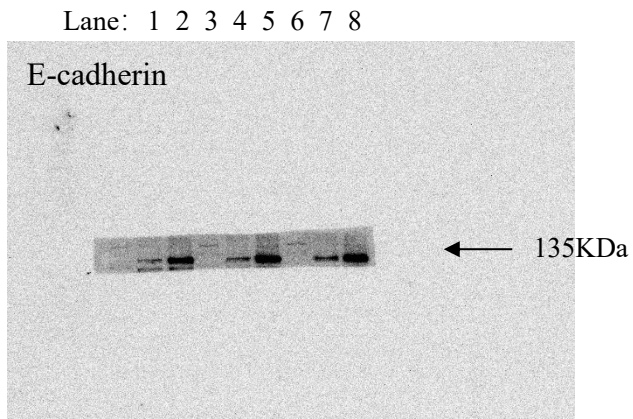
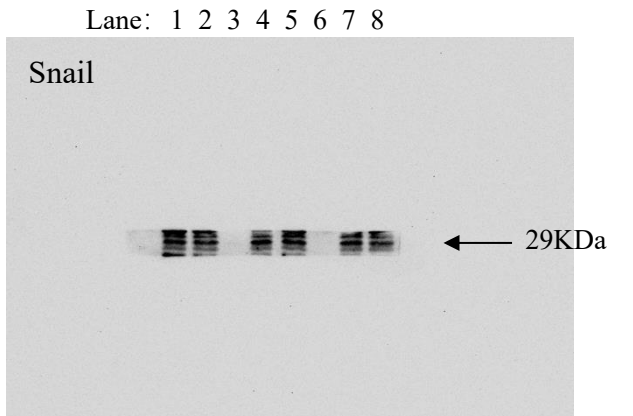
U87MG



Lane: 1: NC 2: SorSC3-Flag

Figure2-J

U251

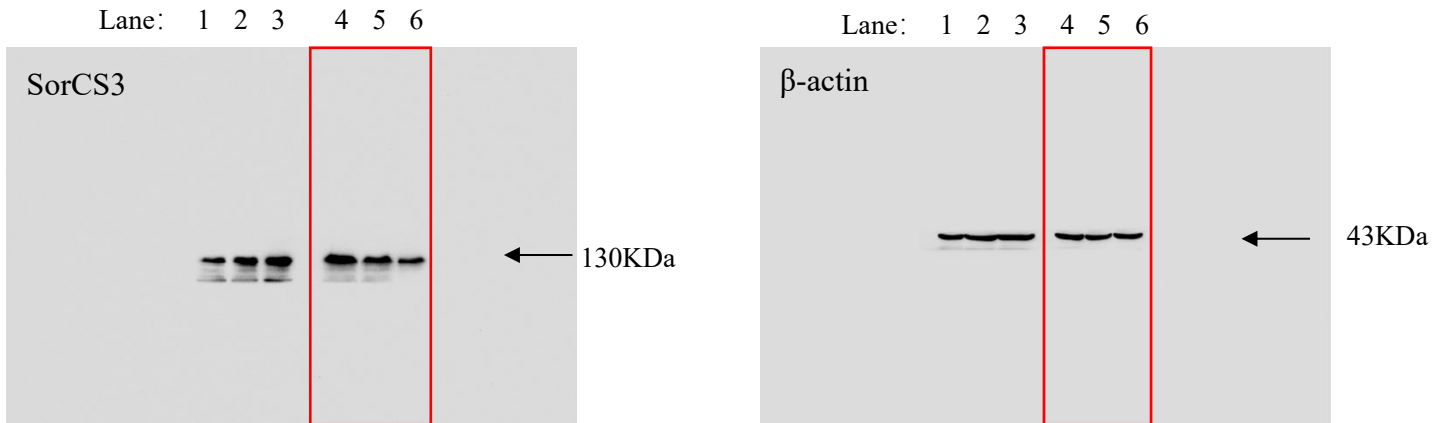


Lane

1: NC 2: OE-SorSC3 3: Marker 4: NC 5: OE-SorSC3 6: Marker 7: NC 8: OE-SorSC3

Figure3-B

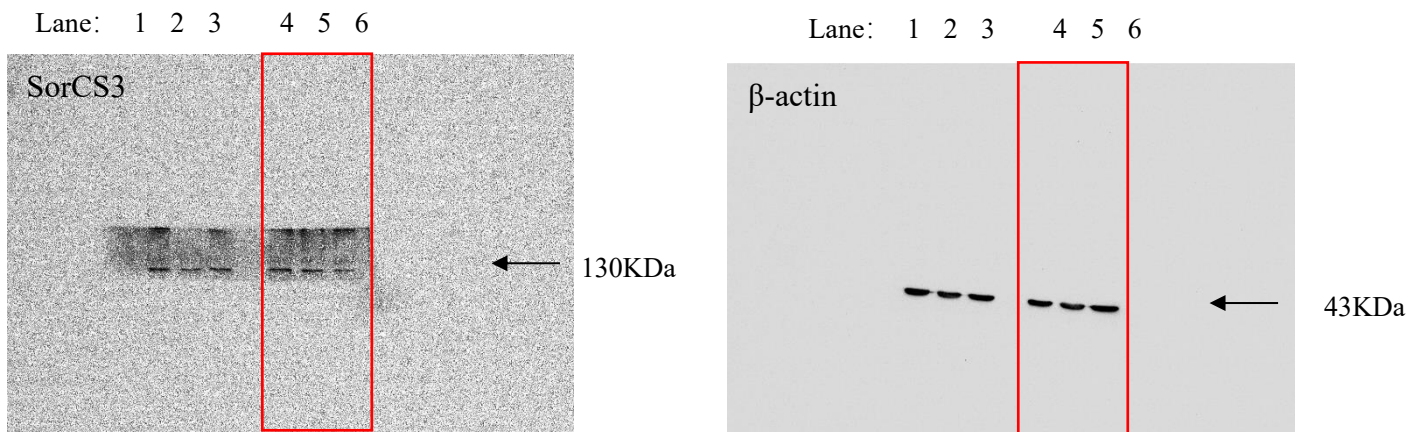
U87MG



Lane

1: si-SorCS3-2# 2: si-SorCS3-1# 3: NC 4: NC 5: si-SorCS3-1# 6: si-SorCS3-2#

U251

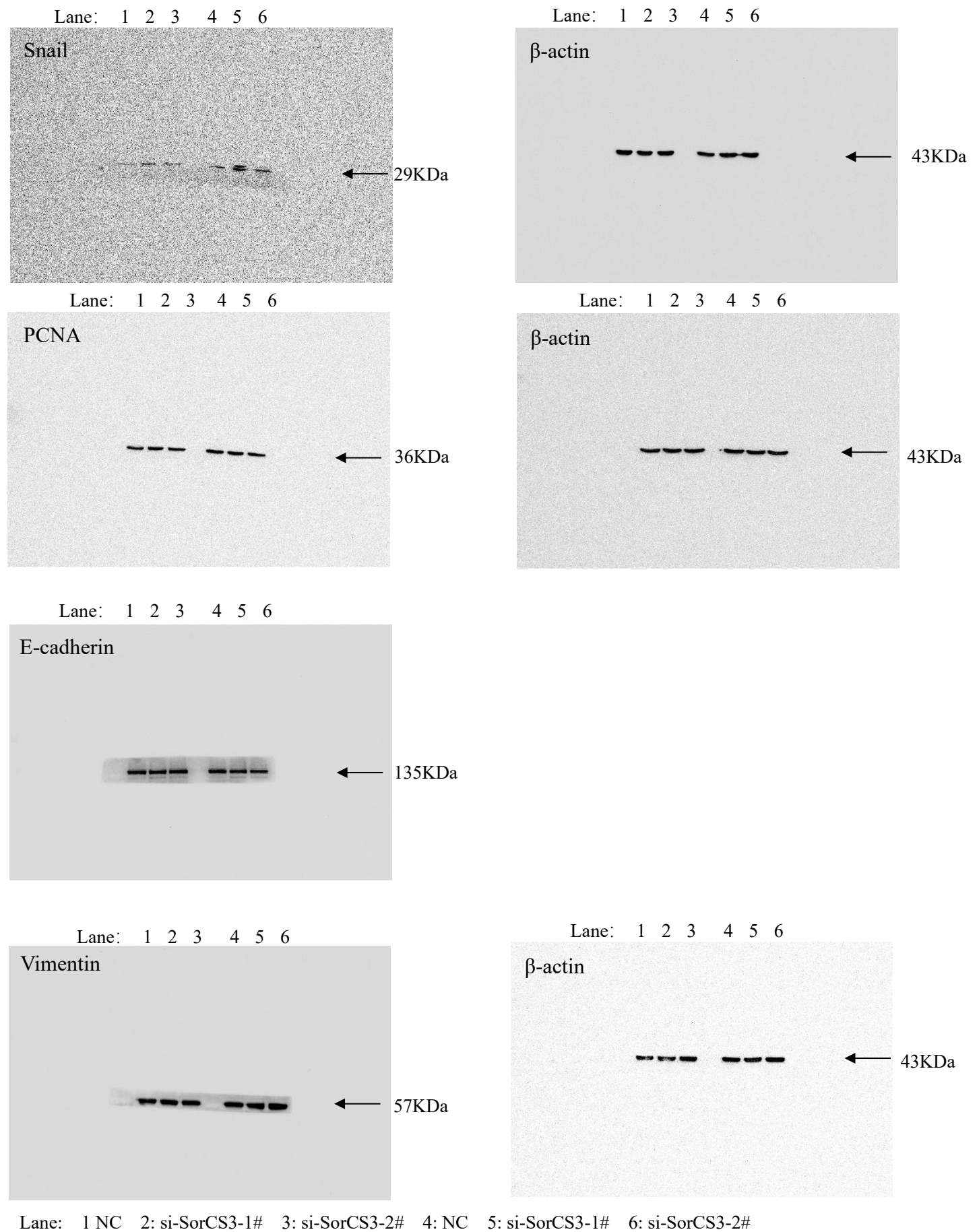


Lane

1 NC 2: si-SorCS3-1# 3: si-SorCS3-2# 4: NC 5: si-SorCS3-1# 6: si-SorCS3-2#

Figure3-I

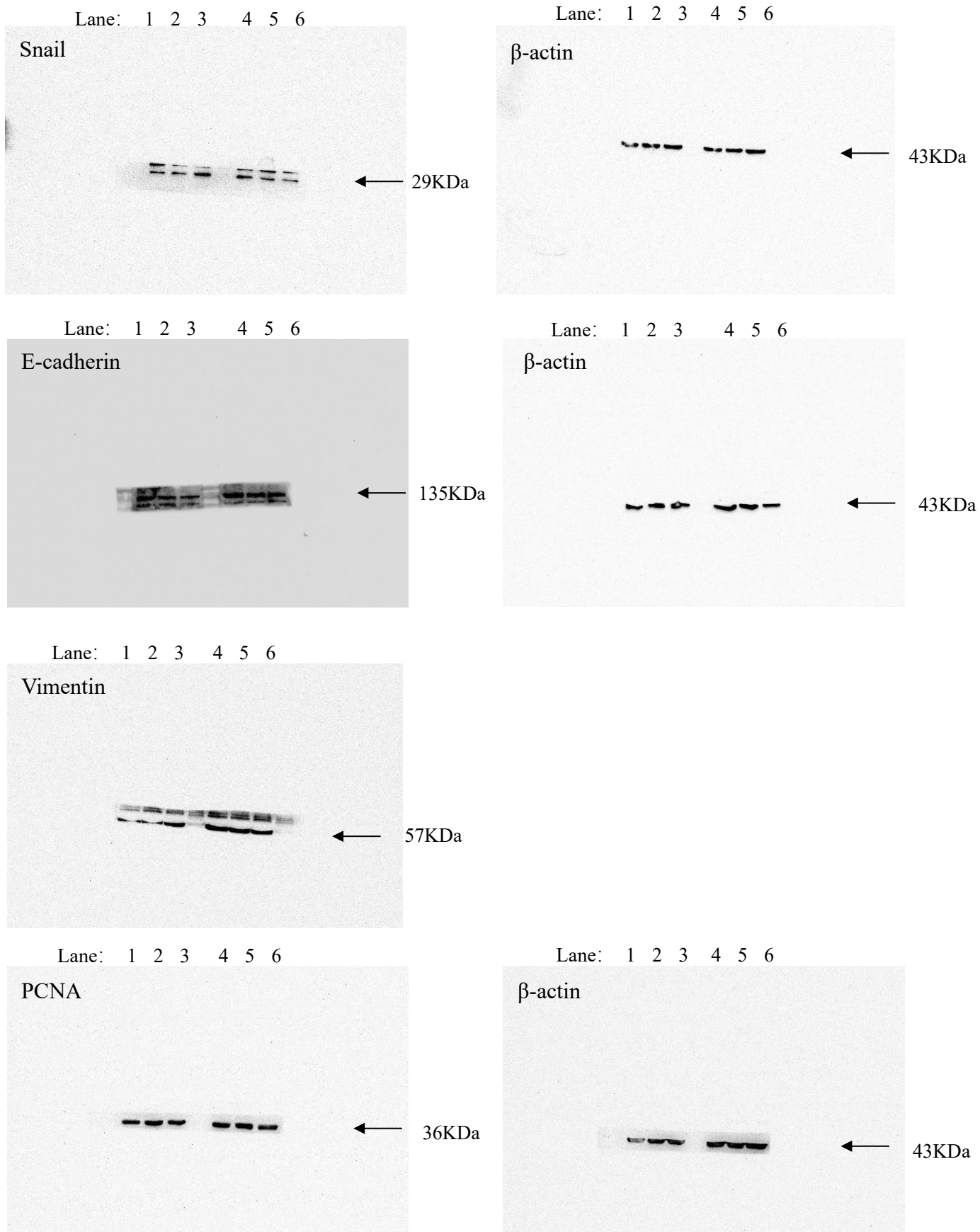
U87MG



Lane: 1 NC 2: si-SorCS3-1# 3: si-SorCS3-2# 4: NC 5: si-SorCS3-1# 6: si-SorCS3-2#

Figure3-I

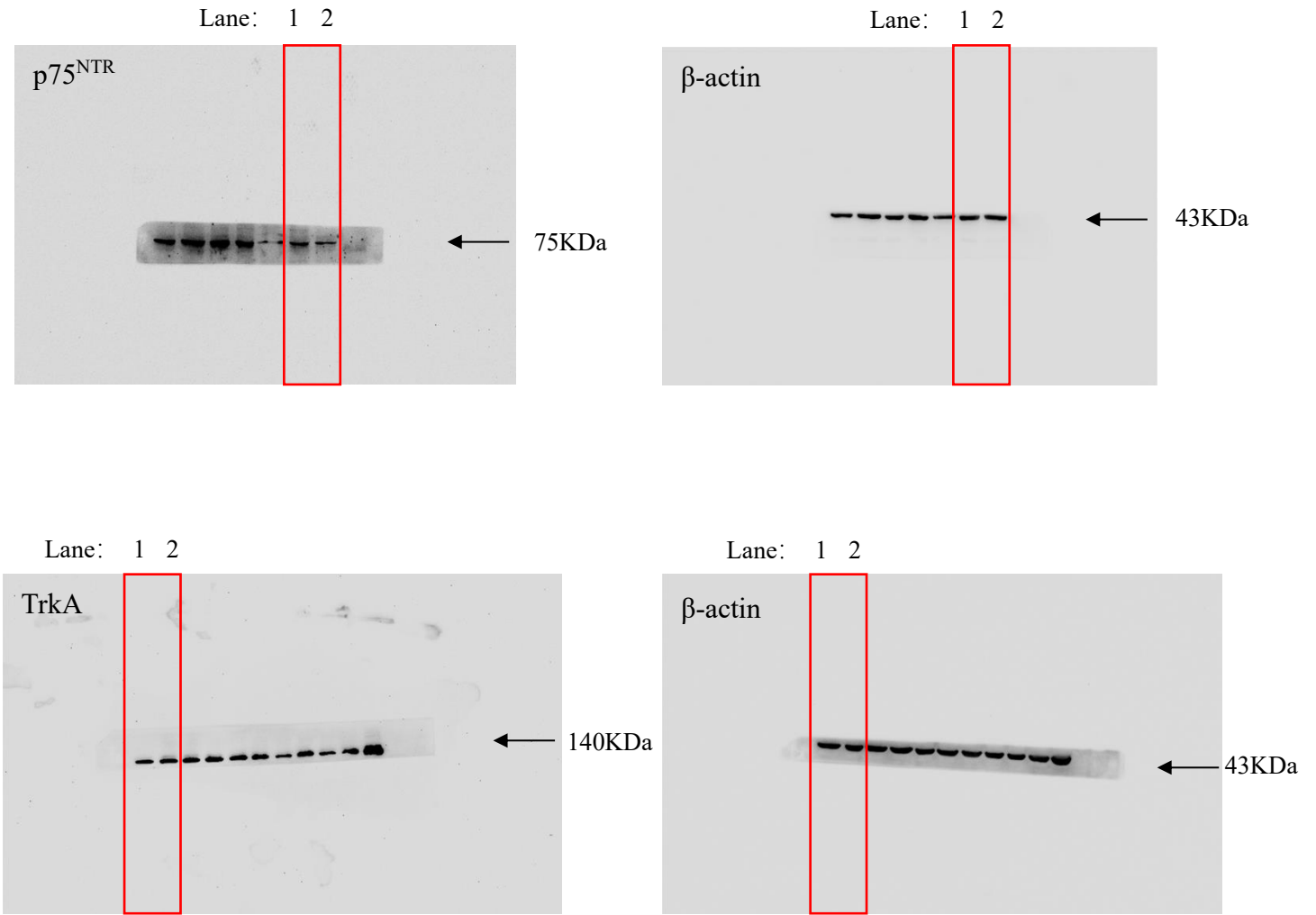
U251



Lane: 1 NC 2: si-SorCS3-1# 3: si-SorCS3-2# 4: NC 5: si-SorCS3-1# 6: si-SorCS3-2#

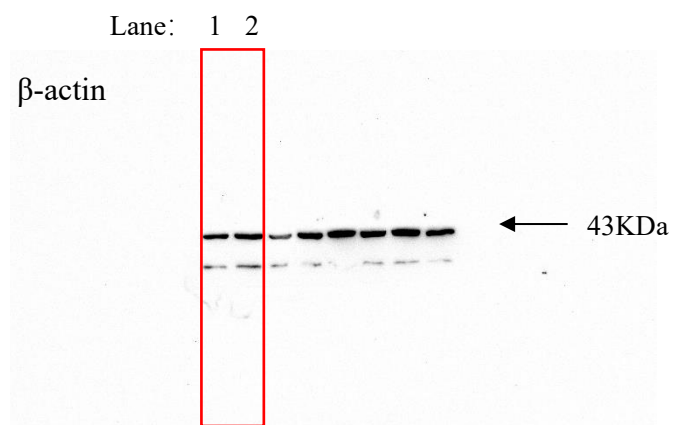
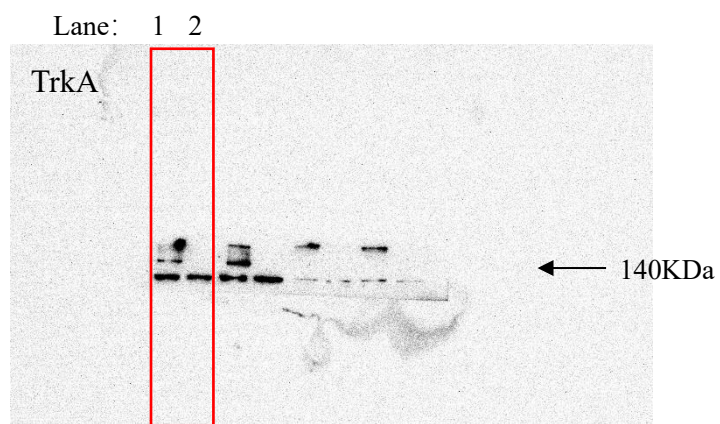
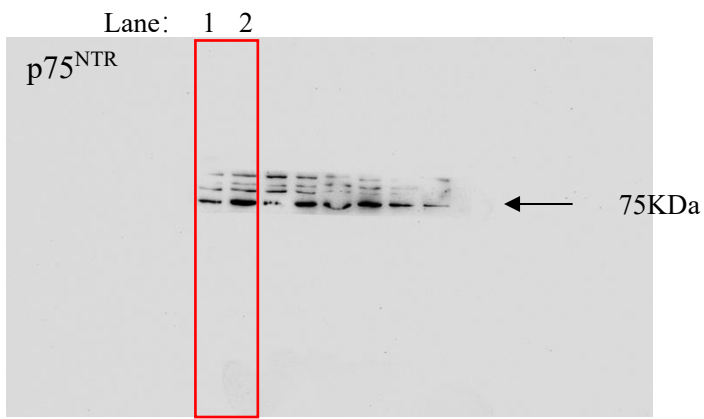
Figure4-B

U87MG



Lane: 1: NC 2: OE-SorSC3

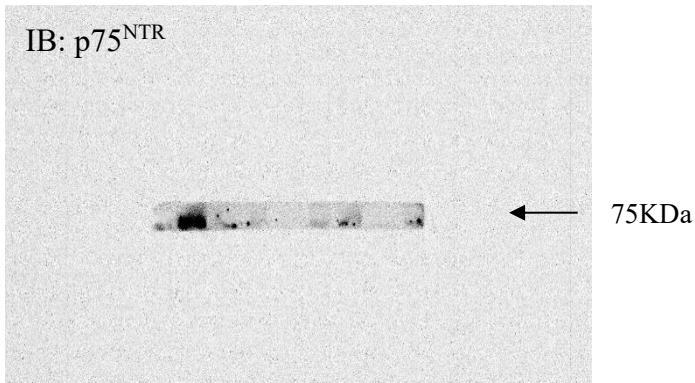
Figure4-B



Lane: 1: NC 2: si-SorSC3-2#

Figure4-G Co-IP

Lane: 1 2 3 4 5 6



IP Lane:

1: IgG

2: SorCS3-Flag

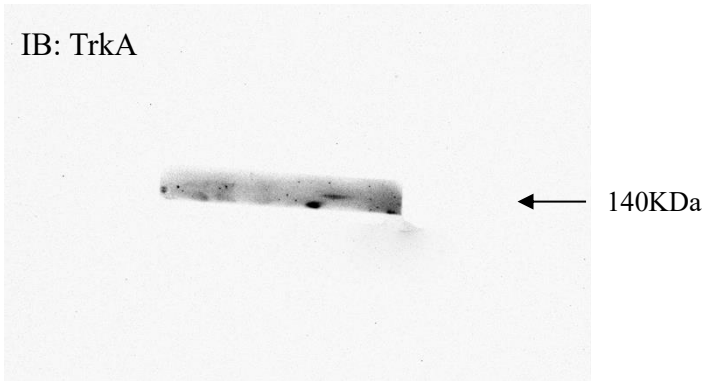
3: SorCS3-Flag

4: wash-1

5: wash-2

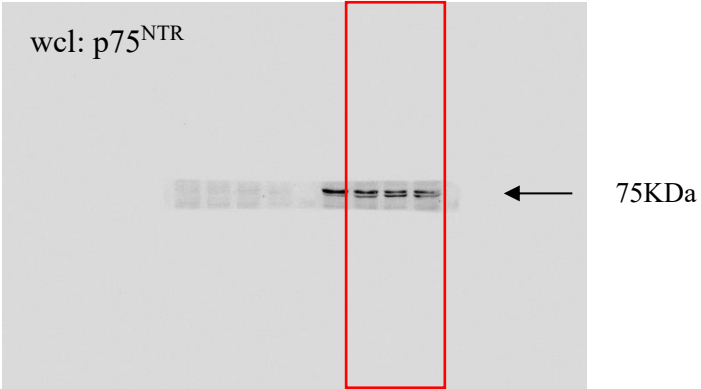
6: wash-3

Lane: 1 2 3 4 5 6

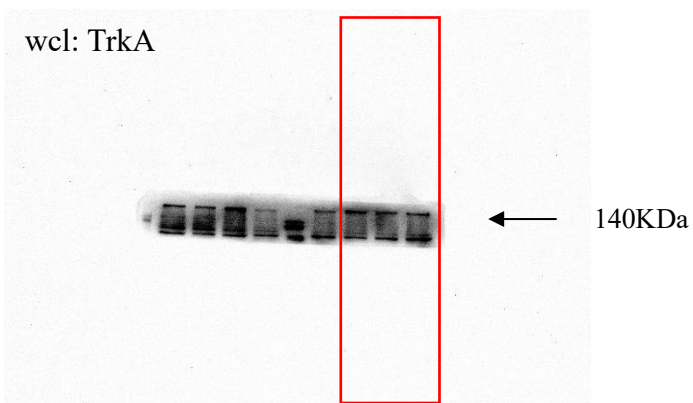


Lane: 1: OE-SorSC3 2: NC 3: OE-SorCS3

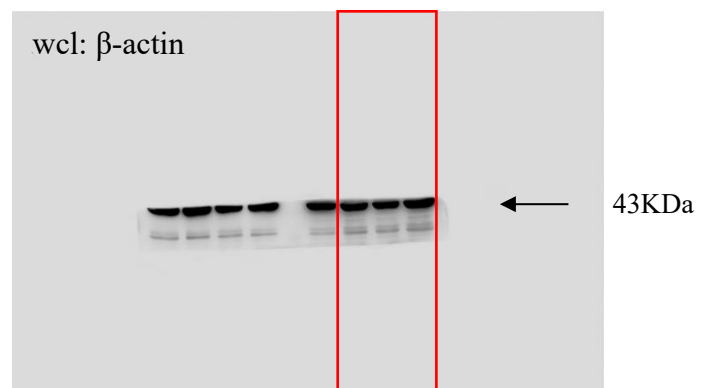
Lane: 1 2 3 4 5 6 7 8



Lane: 1 2 3 4 5 6 7 8

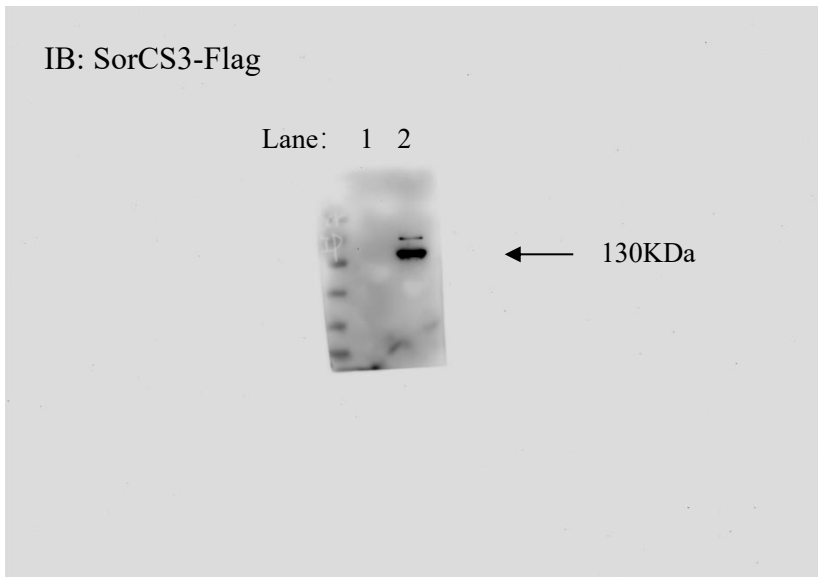


Lane: 1 2 3 4 5 6 7 8



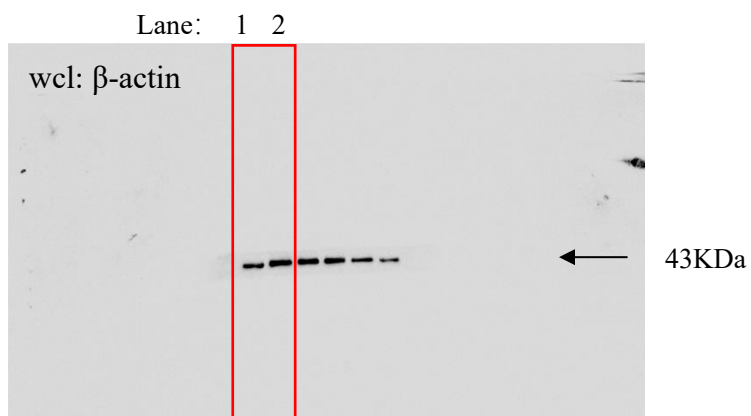
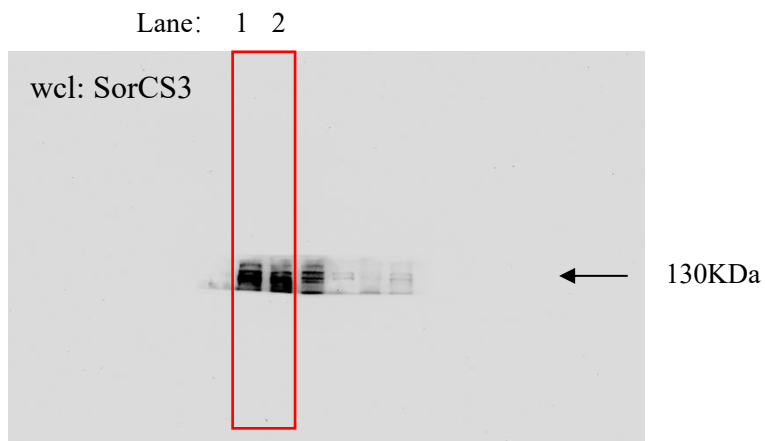
Lane: 5: NC 6: OE-SorSC3 7: NC 8: OE-SorCS3

Figure4-H Co-IP



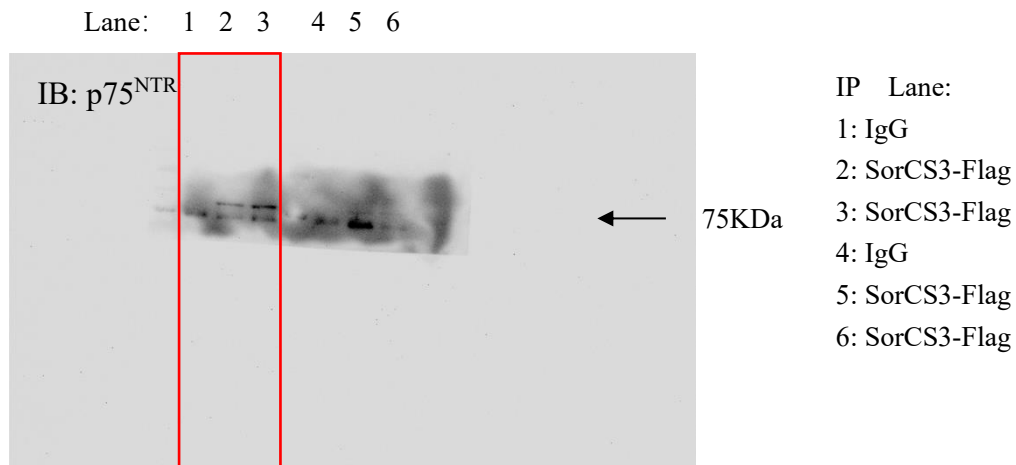
IP Lane:
1: IgG
2: p75^{NTR}

Lane: 1, 2: OE-SorCS3

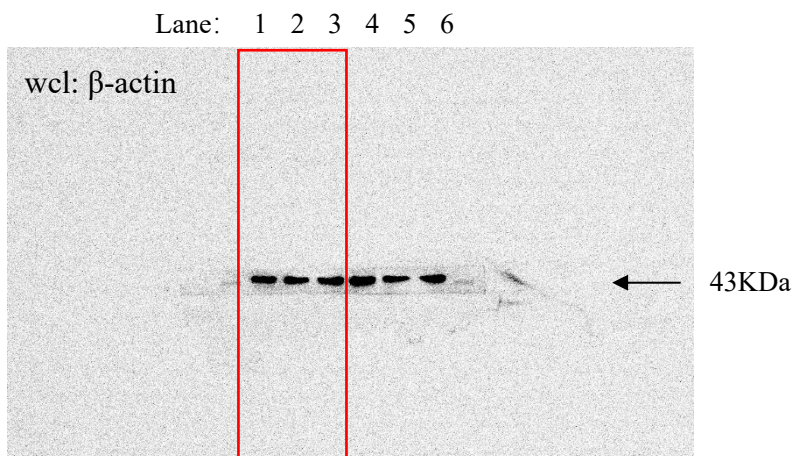
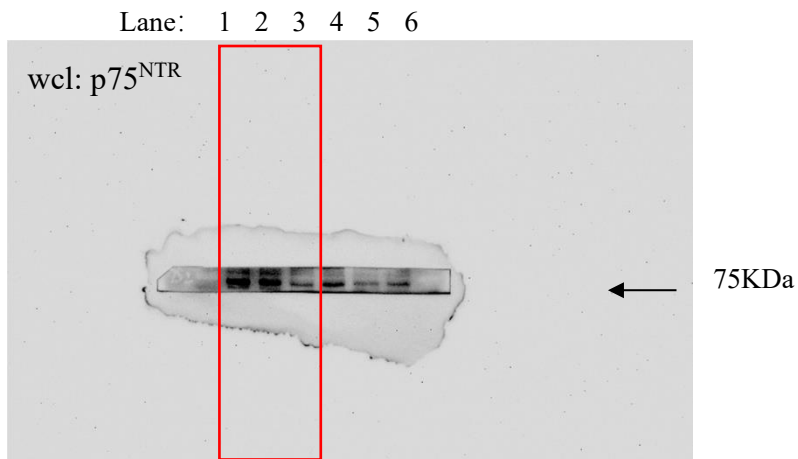


Lane: 1, 2: OE-SorSC3

Figure5-A Co-IP



Lane: 1: OE-SorSC3 2: OE-SorCS3 3: OE-SorCS3+NGF

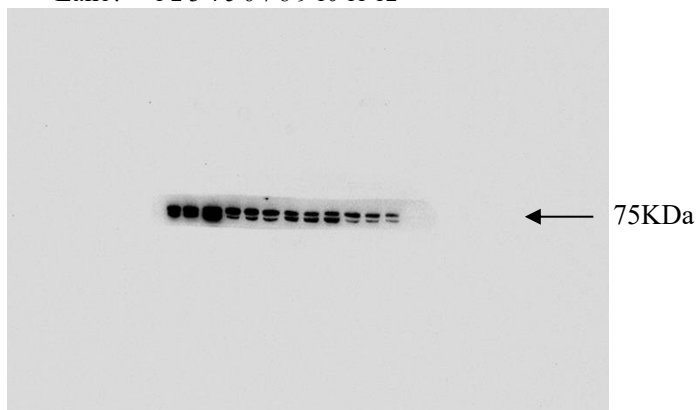


Lane: 1: OE-SorSC3 2: OE-SorCS3 3: OE-SorCS3+NGF

Figure5-B

p75^{NTR}

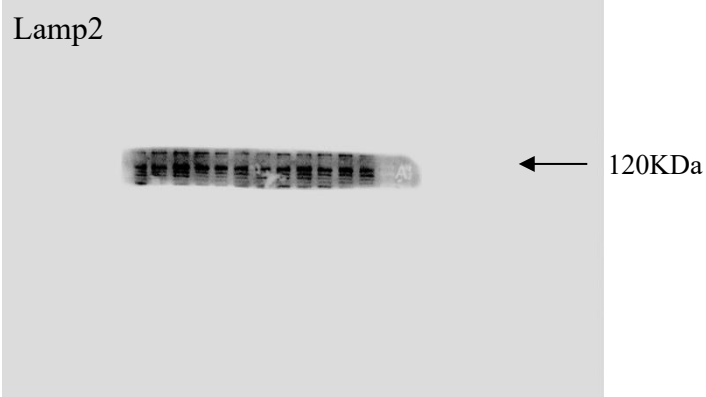
Lane: 1 2 3 4 5 6 7 8 9 10 11 12



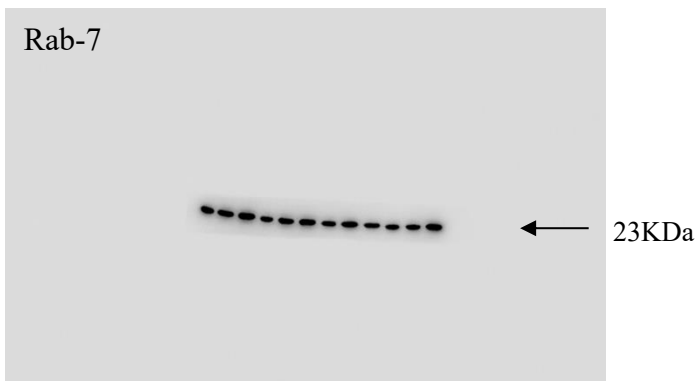
Lane:

- 1: NC+NGF(0 min)
- 2: NC+NGF(10 min)
- 3: NC+NGF(20 min)
- 4: NC+NGF(30 min)
- 5: NC+NGF(60 min)
- 6: NC+NGF(120 min)
- 7: OE-SorCS3+NGF(0 min)
- 8: OE-SorCS3+NGF(10 min)
- 9: OE-SorCS3+NGF(20 min)
- 10: OE-SorCS3+NGF(30 min)
- 11: OE-SorCS3+NGF(60 min)
- 12: OE-SorCS3+NGF(120 min)

Lane: 1 2 3 4 5 6 7 8 9 10 11 12



Lane: 1 2 3 4 5 6 7 8 9 10 11 12



Lane: 1 2 3 4 5 6 7 8 9 10 11 12

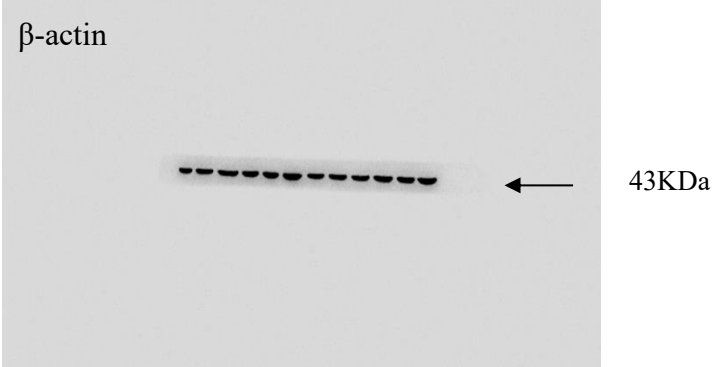
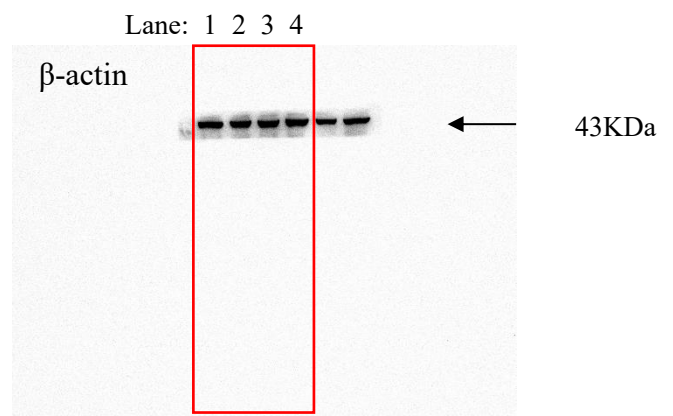
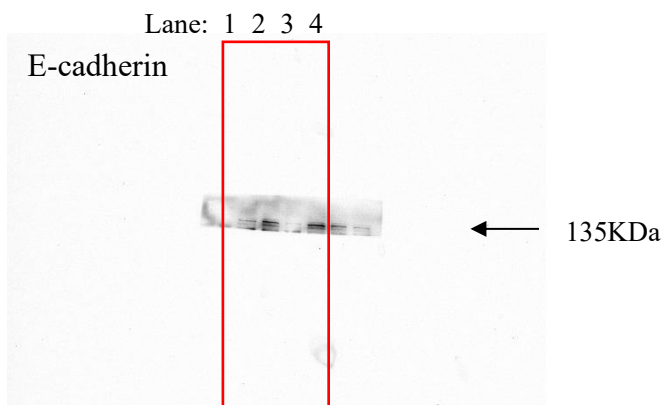
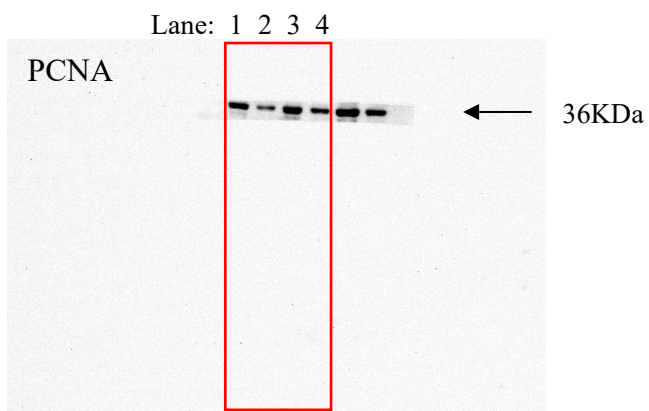
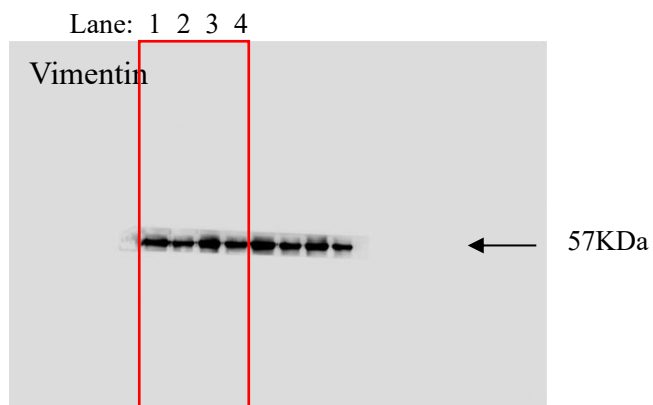
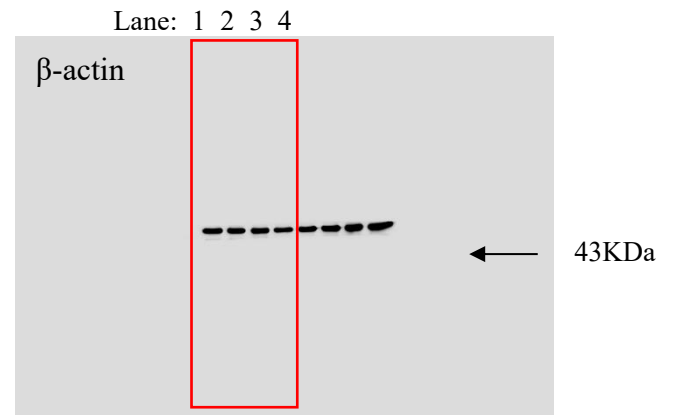
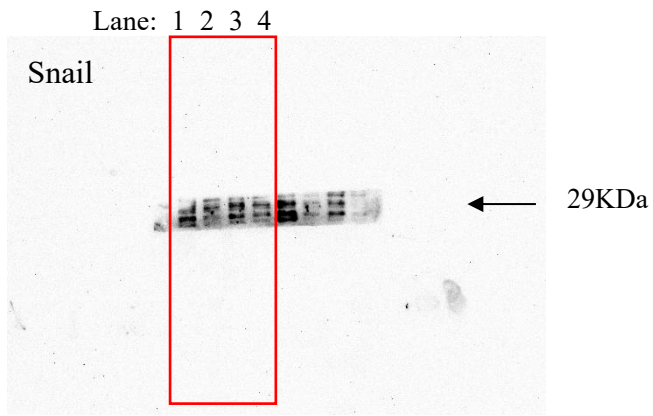
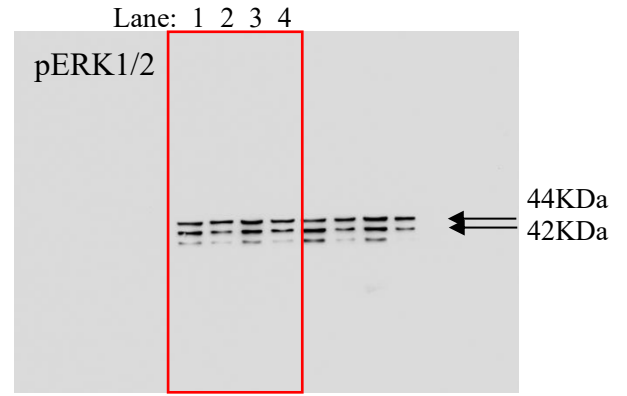
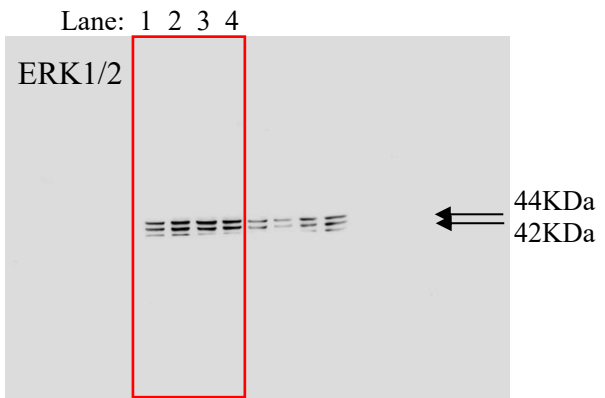
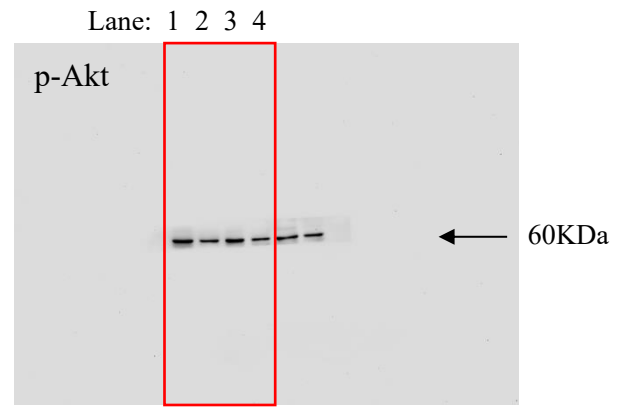
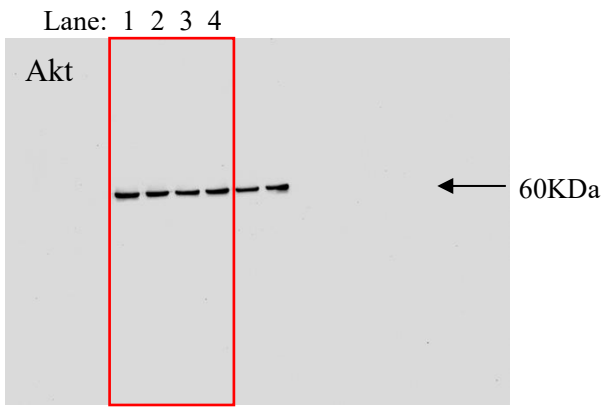


Figure5-G OE-SorCS3

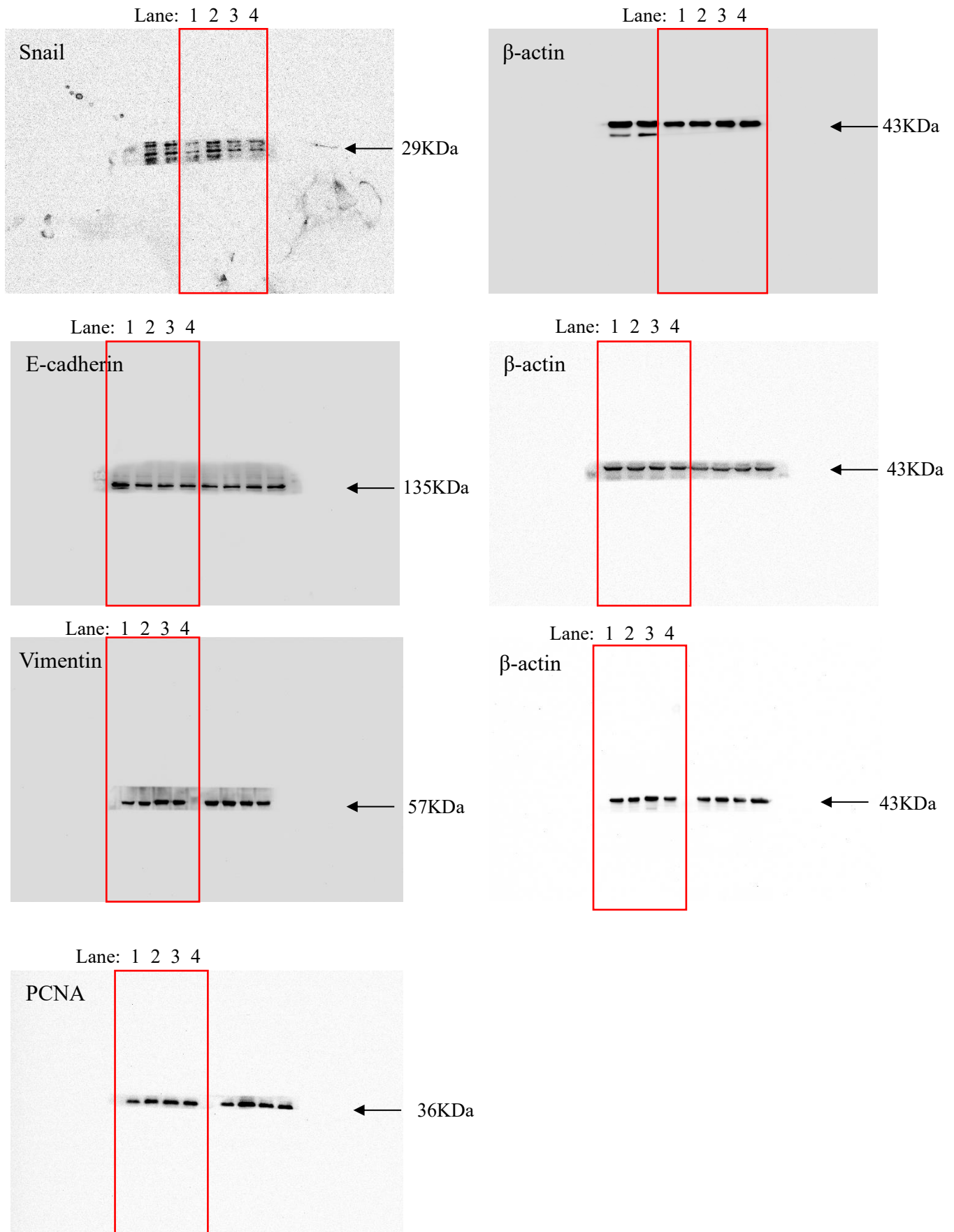


Lane: 1: NC 2: OE-SorCS3 3: NC+NGF 4: OE-SorCS3+NGF

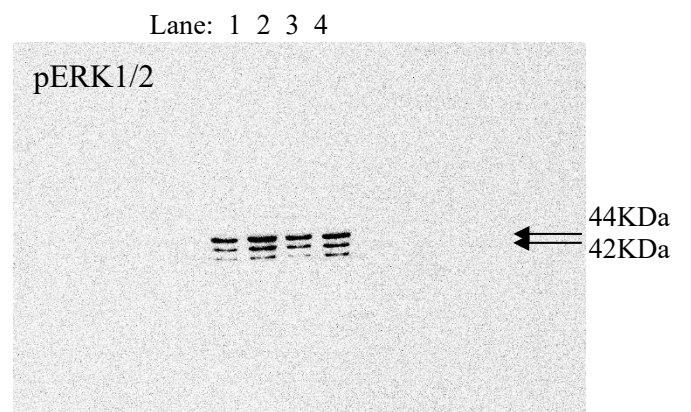
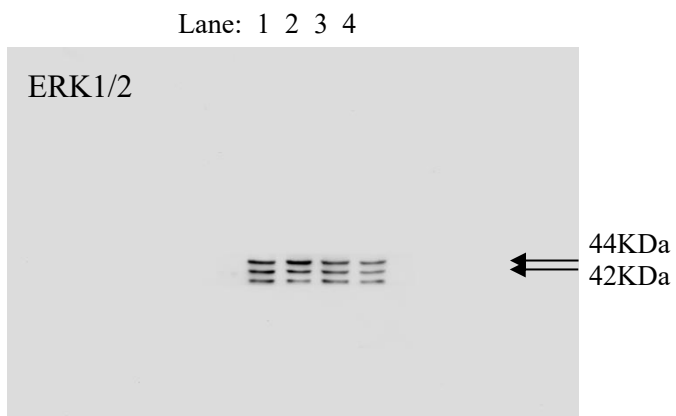
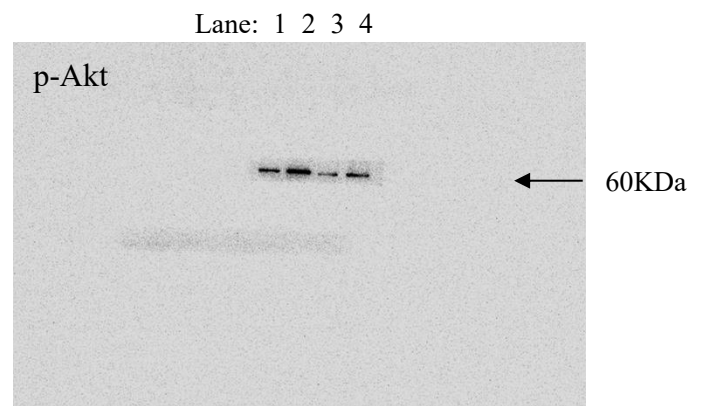
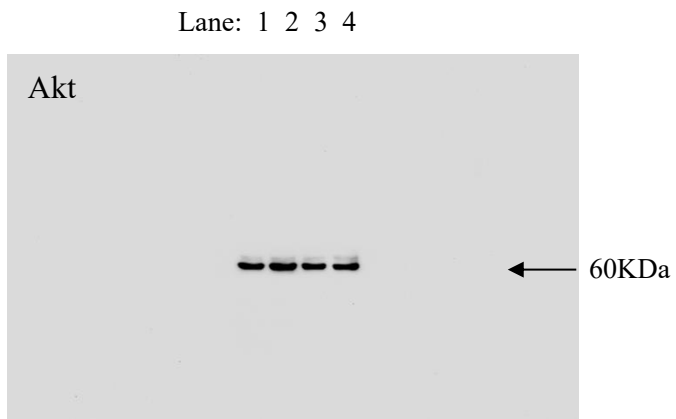


Lane: 1: NC 2: OE-SorCS3 3: NC+NGF 4: OE-SorCS3+NGF

Figure5-G si-SorCS3

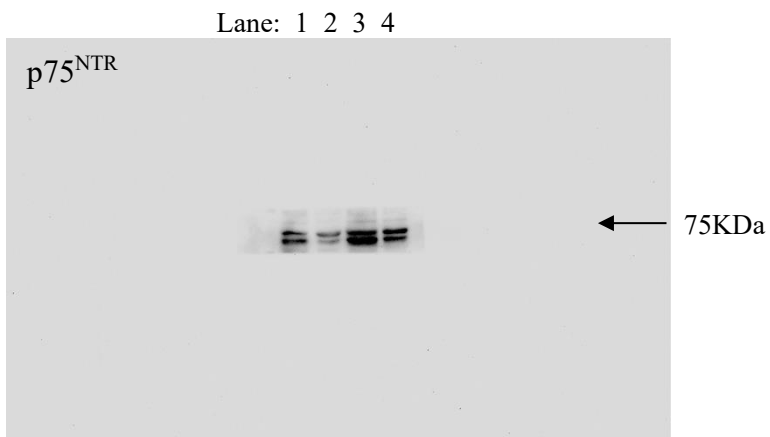


Lane: 1: NC 2: OE-SorCS3 3: NC+NGF 4: OE-SorCS3+NGF



Lane: 1: NC 2: OE-SorCS3 3: NC+NGF 4: OE-SorCS3+NGF

Figure6-F



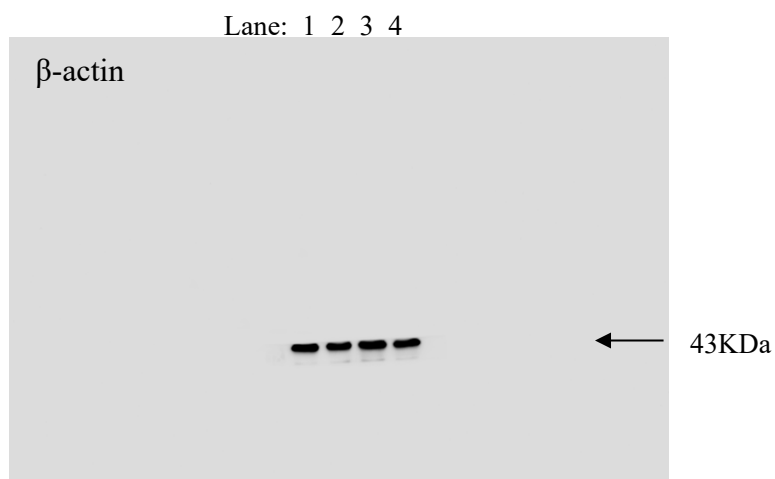
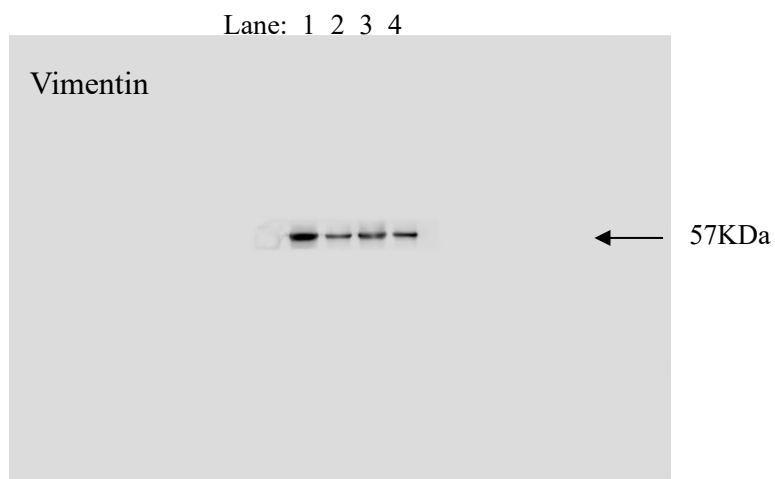
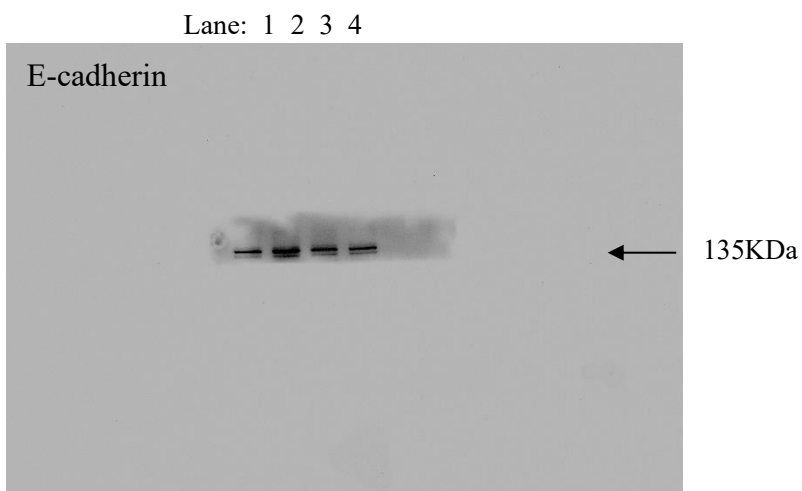
Lane:

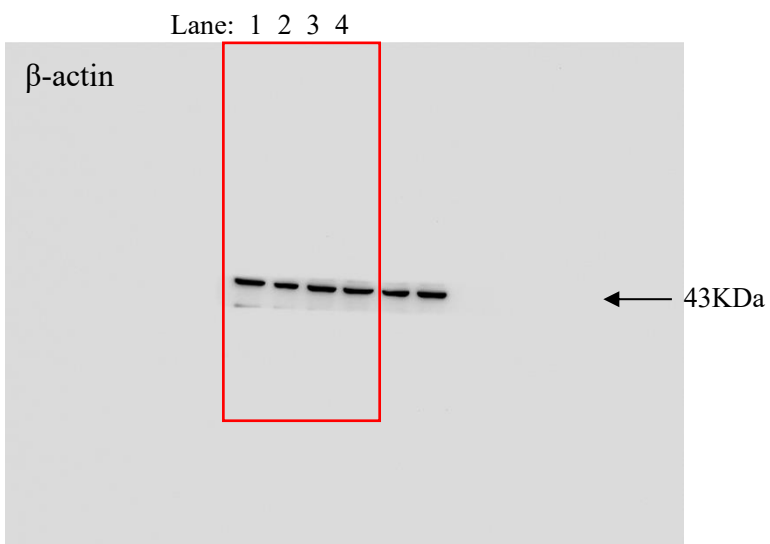
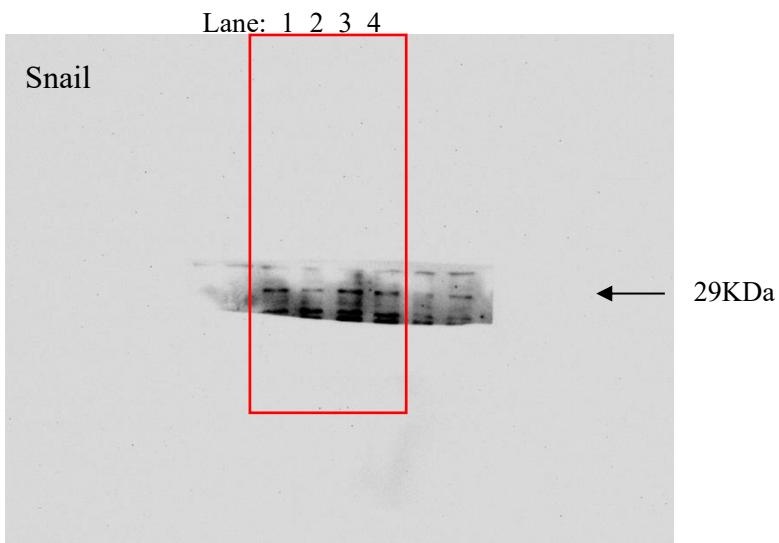
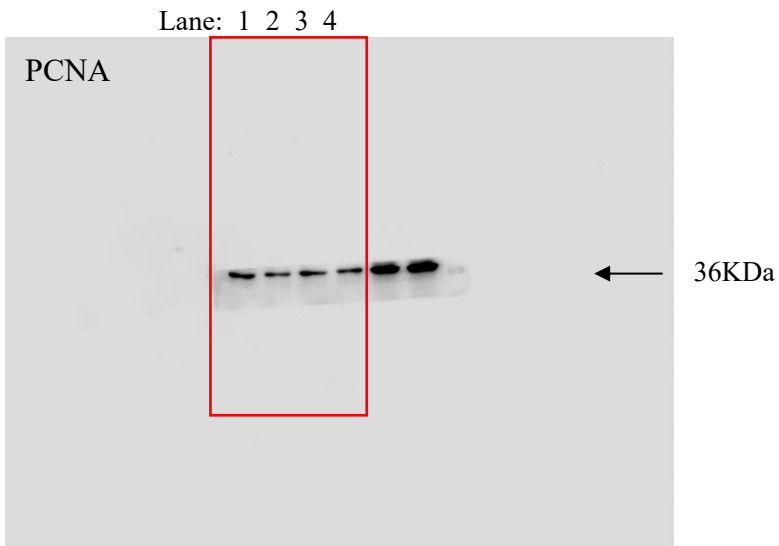
1: NC+NGF+DMSO

2: OE-SorSC3+NGF+DMSO

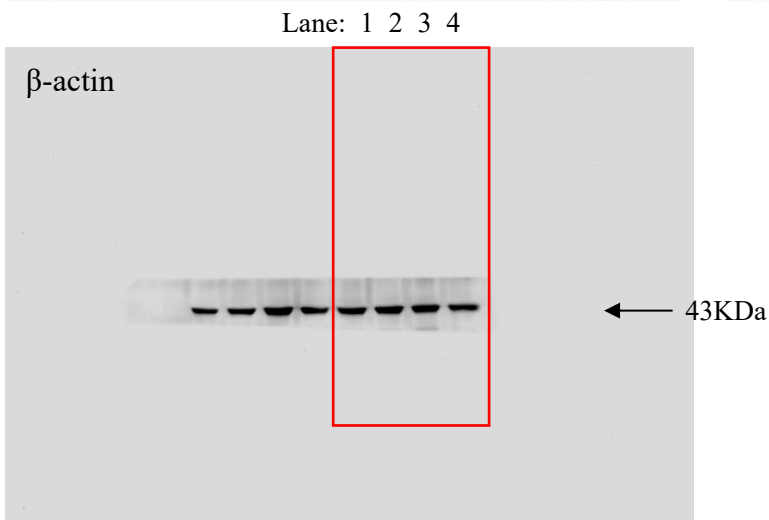
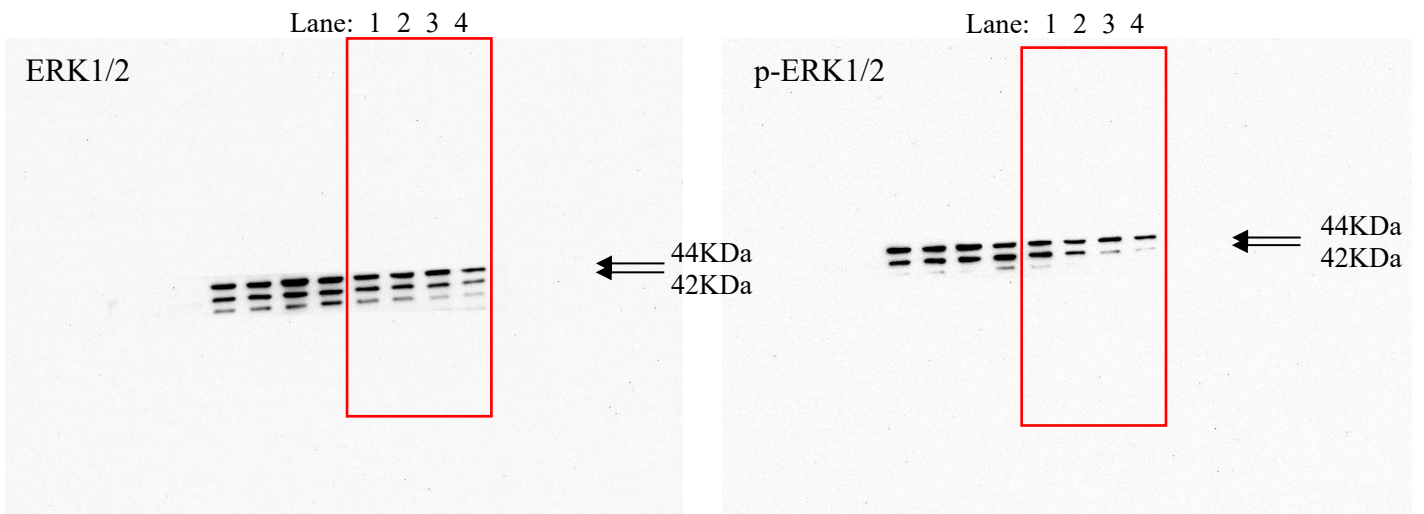
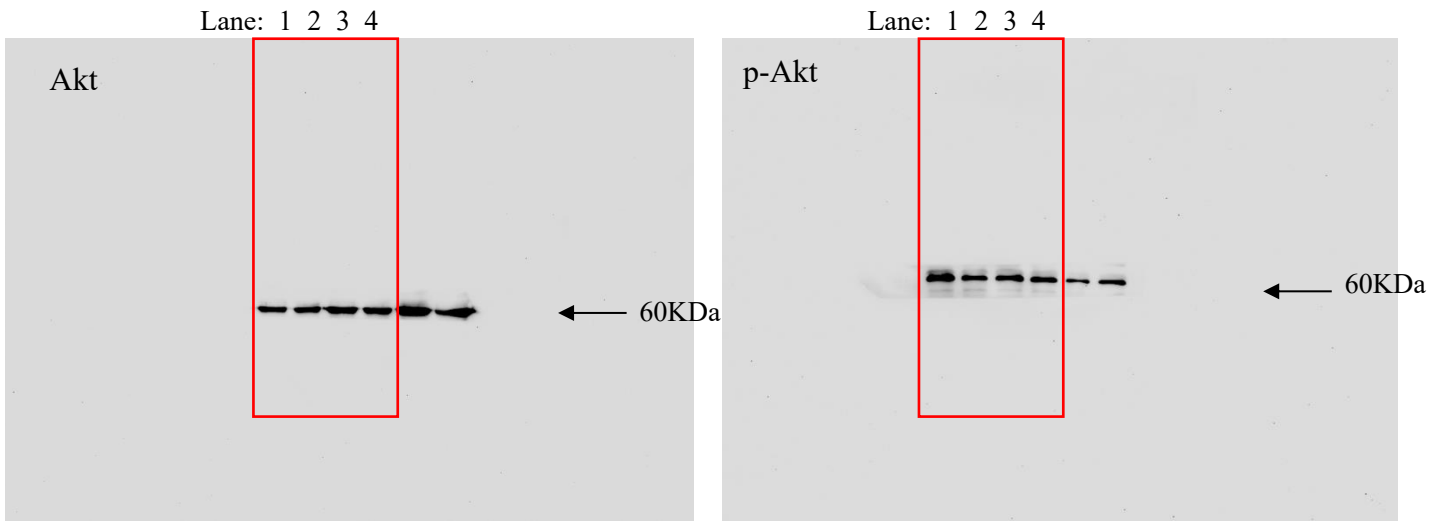
3: NC+NGF+Dynasore

4: OE-SorCS3+NGF+Dynasore



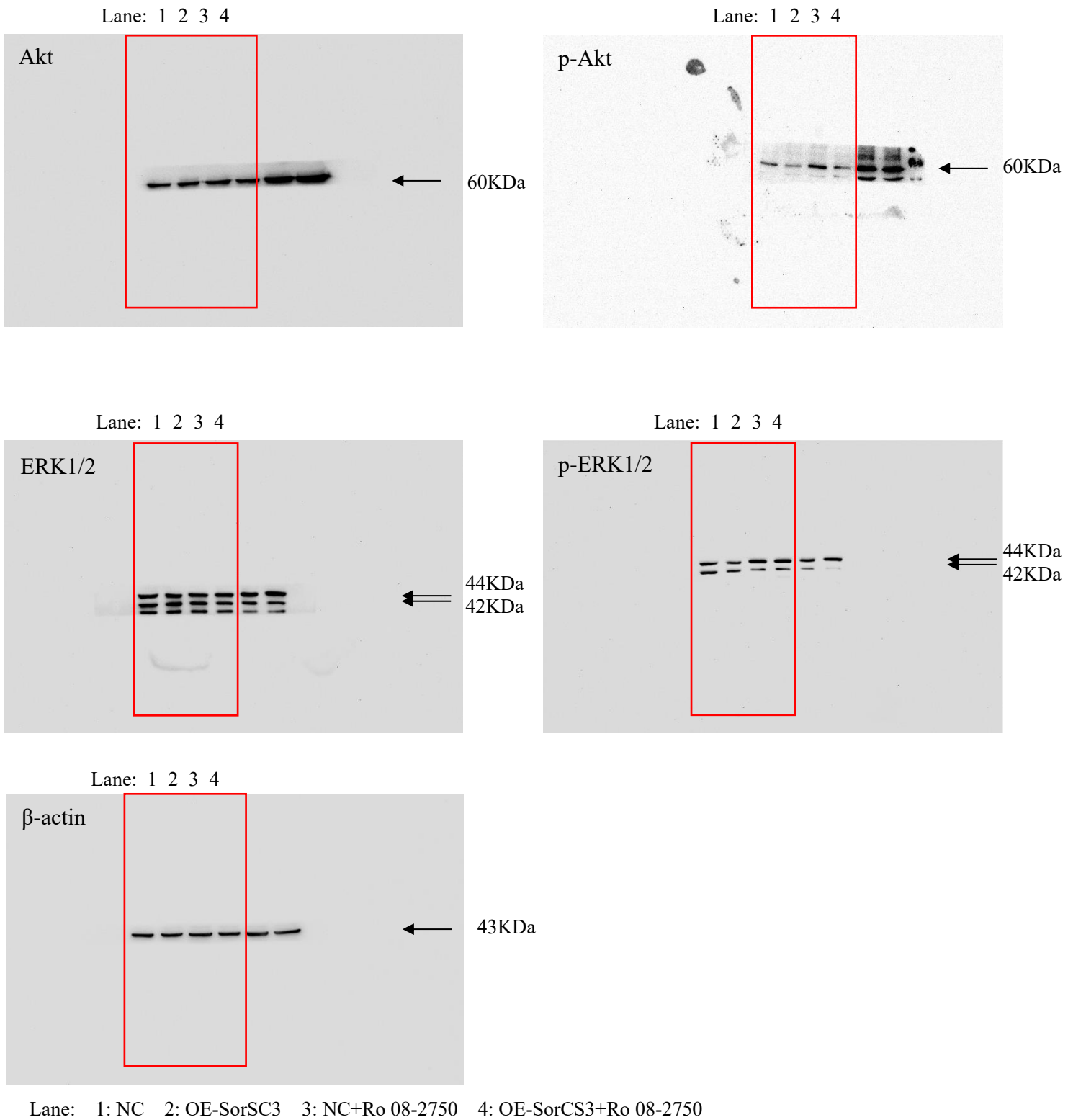


Lane: 1: NC+NGF+DMSO 2: OE-SorSC3+NGF+DMSO 3: NC+NGF+Dynasore 4: OE-SorCS3+ NGF+Dynasore



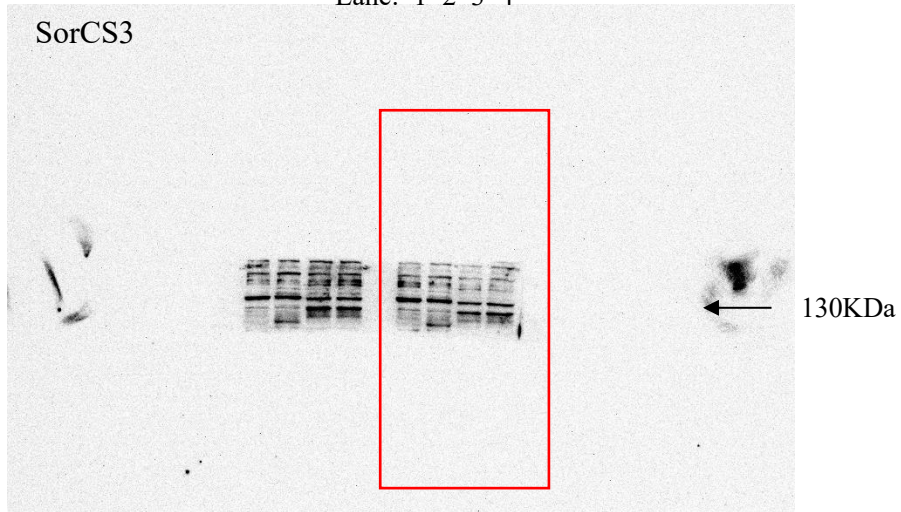
Lane: 1: NC+NGF+DMSO 2: OE-SorSC3+NGF+DMSO 3: NC+NGF+Dynasore 4: OE-SorCS3+ NGF+Dynasore

Figure6-I

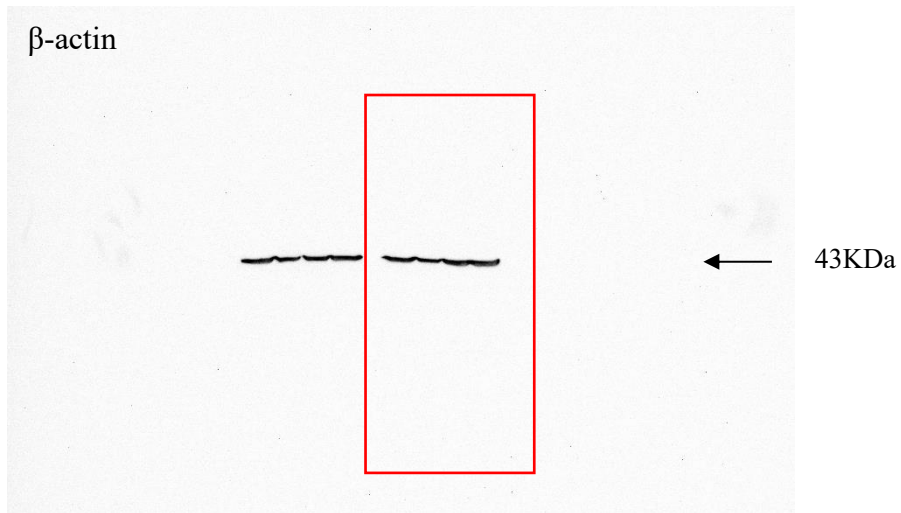


Supplementary Figure1-A

Lane: 1 2 3 4

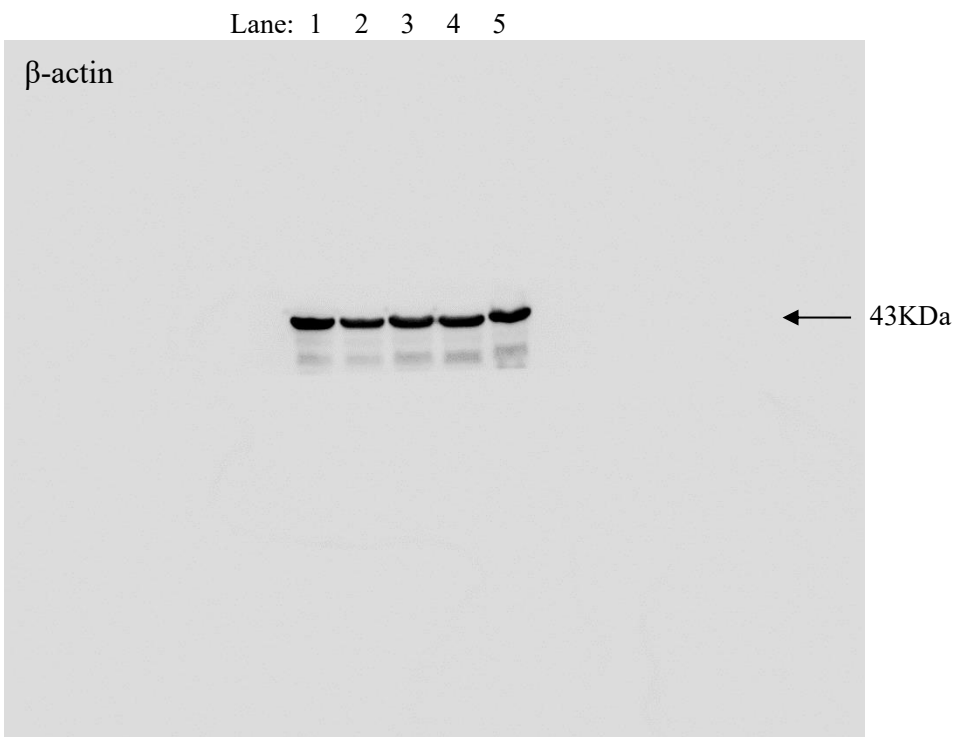
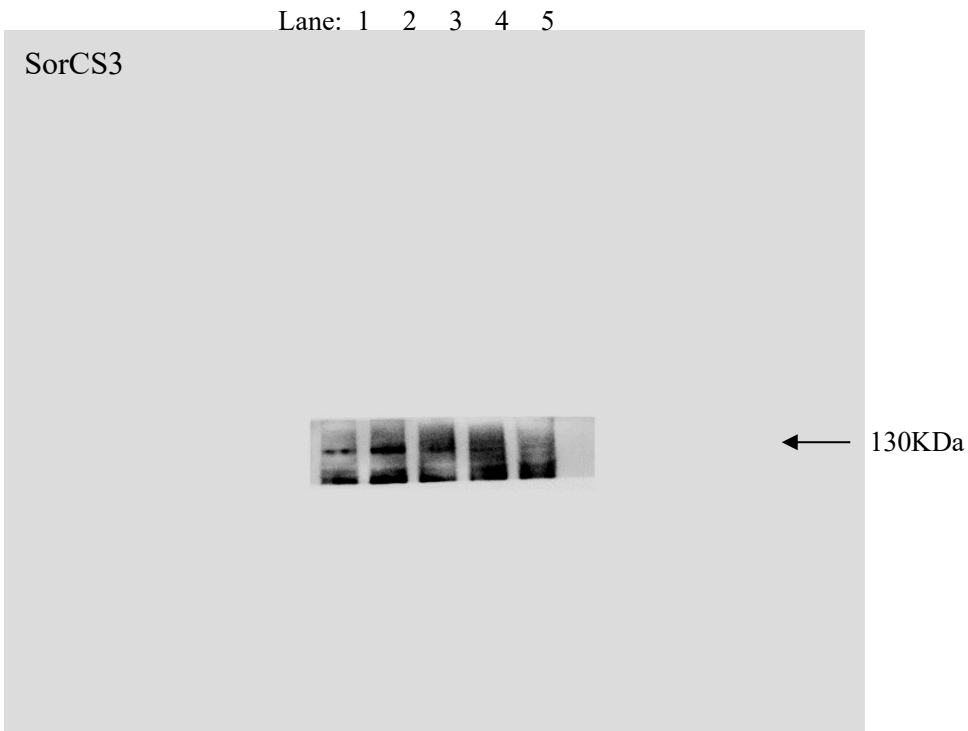


Lane: 1 2 3 4



Lane: 1: U251 2: A172 3: T98 4: U87MG

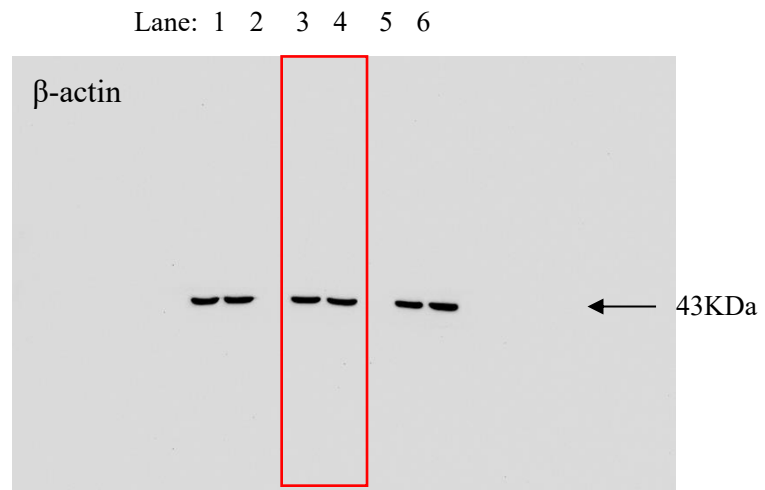
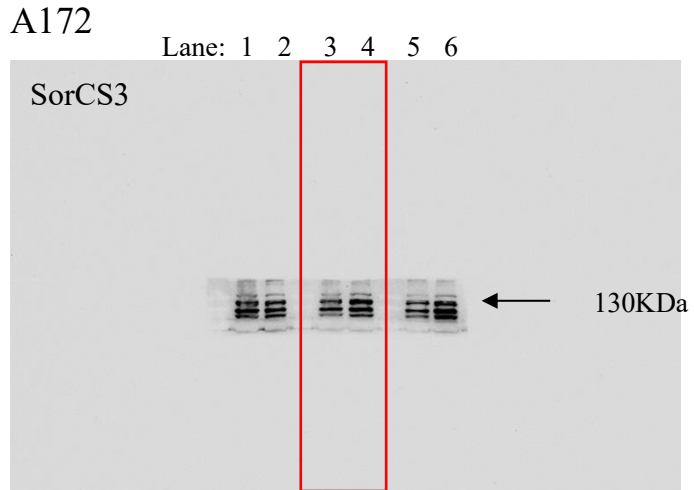
Supplementary Figure1-B



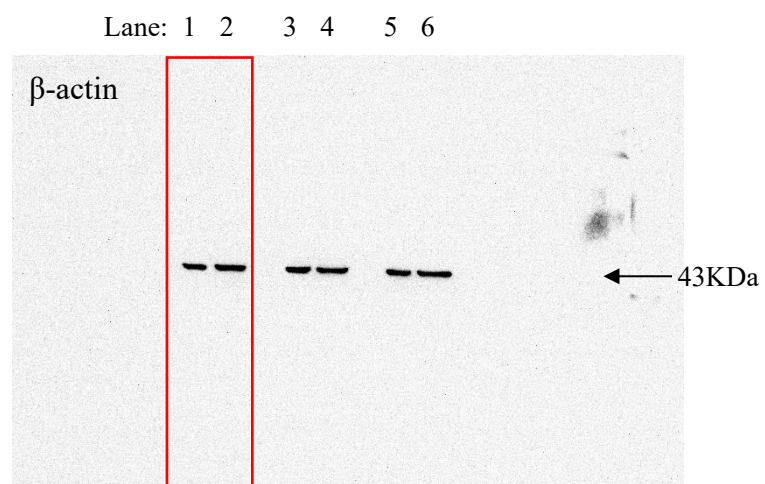
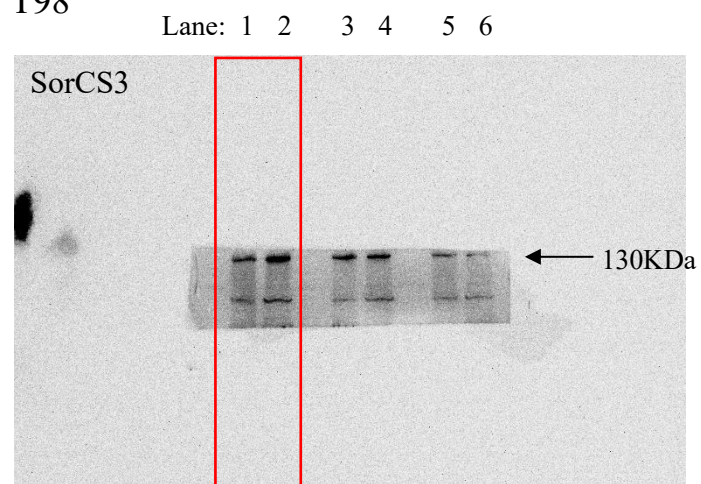
Lane: 1: NC 2: OE-SorCS3 3: NC 4: si-SorCS3-1# 5: siSorCS3-2#

Supplementary Figure2-A

A172



T98



Lane: 1, 3, 5: NC 2, 4, 6: OE-SorSC3-Flag