Figure 3C

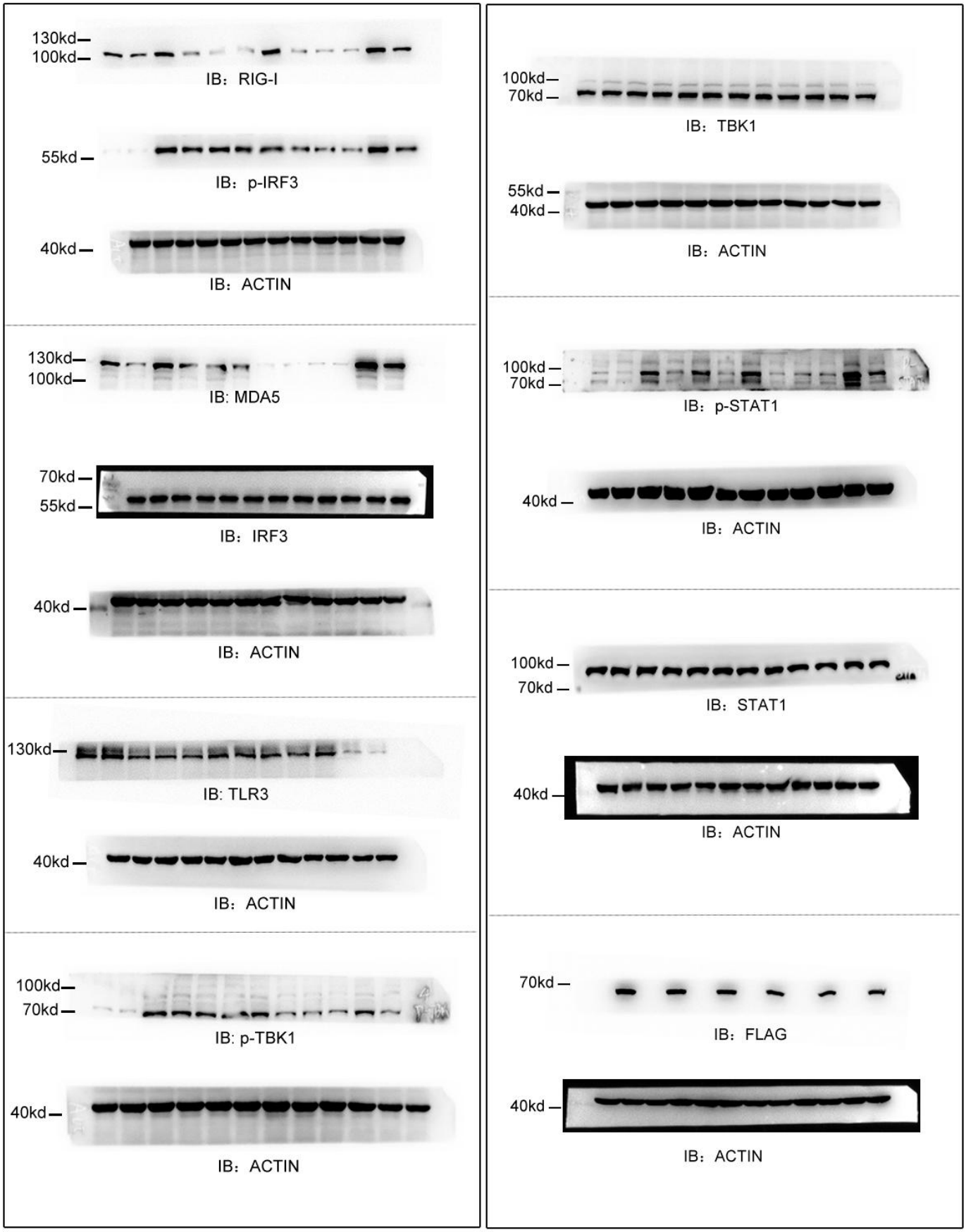

130kd
100kd
IB：RIG-I
55kd
IB：p-IRF3
40kd
IB：ACTIN
130kd
100kd
IB: MDA5
70kd
55kd
IB：IRF3
40kd
IB：ACTIN
130kd
IB: TLR3
40kd
IB：ACTIN
100kd
70kd
IB: p-TBK1
40kd
IB：ACTIN
100kd
70kd
IB：TBK1
55kd
40kd
IB：ACTIN
100kd
70kd
IB：p-STAT1
40kd
IB：ACTIN
100kd
70kd
IB：STAT1
40kd
IB：ACTIN
70kd
IB：FLAG
40kd
IB：ACTIN

Figure 3F

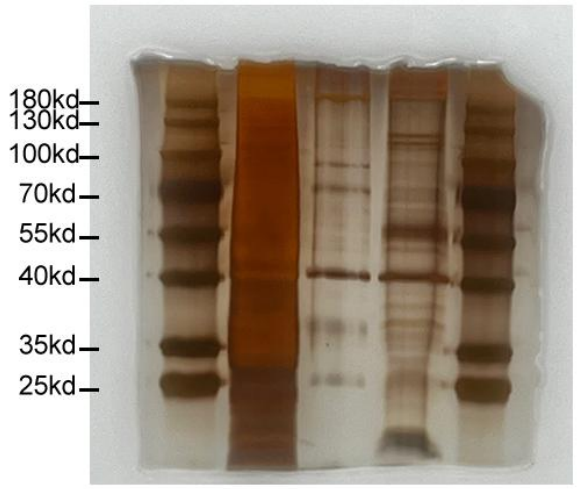


Figure 3G

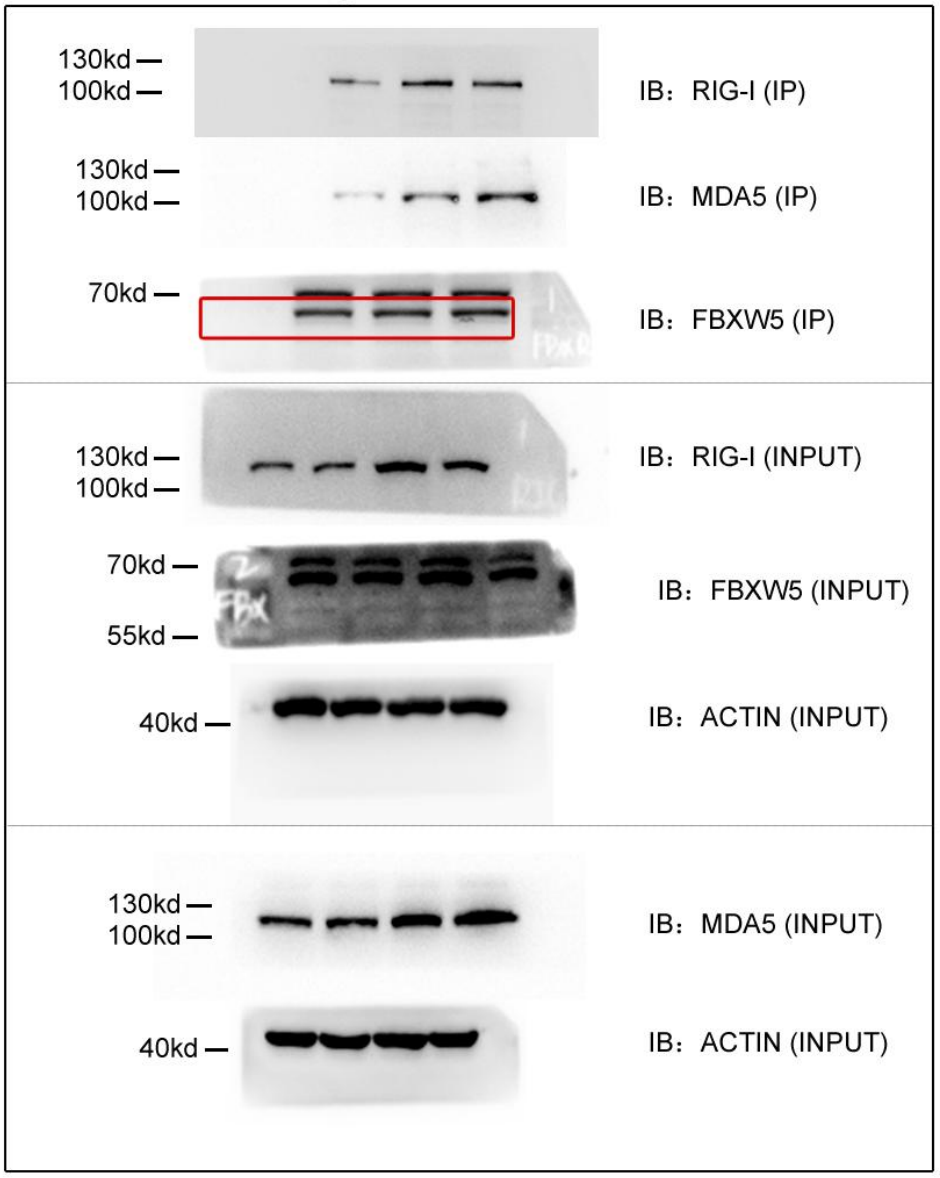


Figure 3I

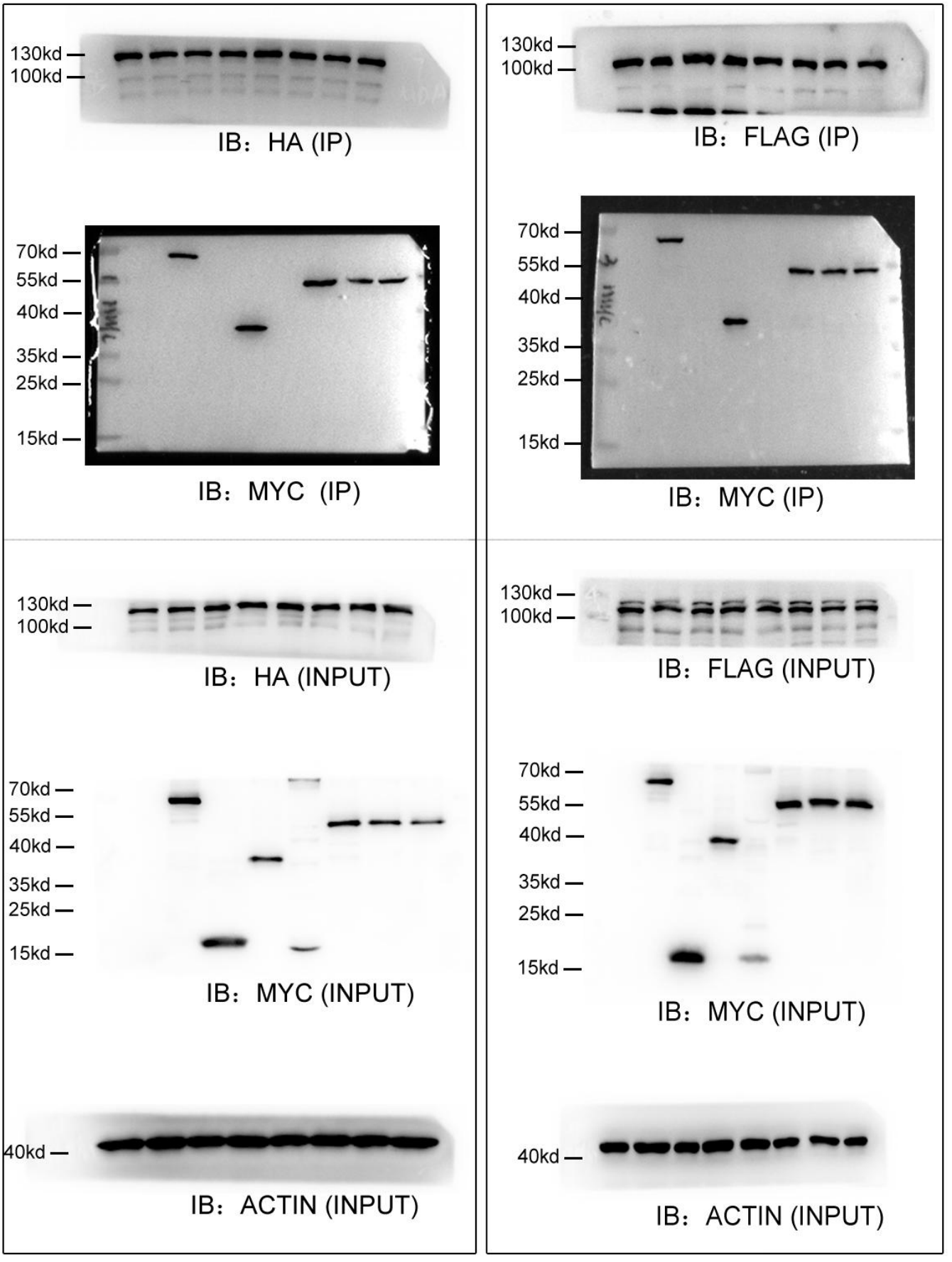

130kd
100kd
IB：HA (IP)
130kd
100kd
IB：FLAG (IP)
70kd
55kd
40kd
35kd
25kd
15kd
IB：MYC (IP)
70kd
55kd
40kd
35kd
25kd
15kd
IB：MYC (IP)
130kd
100kd
IB：HA (INPUT)
130kd
100kd
IB：FLAG (INPUT)
70kd
55kd
40kd
35kd
25kd
15kd
IB：MYC (INPUT)
70kd
55kd
40kd
35kd
25kd
15kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 3J

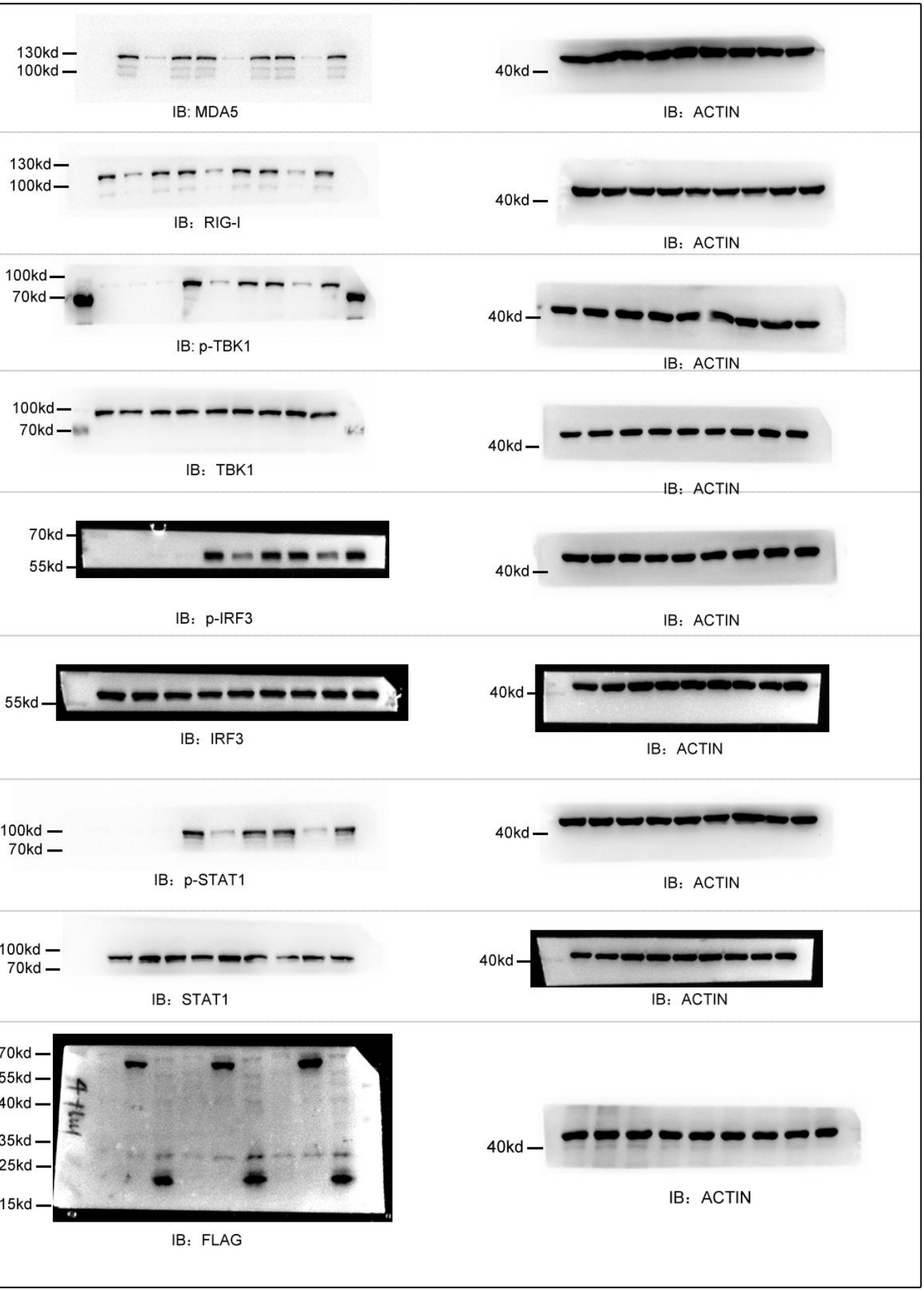

130kd
100kd
IB: MDA5
40kd
IB：ACTIN
130kd
100kd
IB：RIG-I
40kd
IB：ACTIN
100kd
70kd
IB: p-TBK1
40kd
IB：ACTIN
100kd
70kd
IB：TBK1
40kd
IB：ACTIN
70kd
55kd
IB：p-IRF3
40kd
IB：ACTIN
55kd
IB：IRF3
40kd
IB：ACTIN
100kd
70kd
IB：p-STAT1
40kd
IB：ACTIN
100kd
70kd
IB：STAT1
40kd
IB：ACTIN
70kd
55kd
40kd
35kd
25kd
15kd
IB：FLAG
40kd
IB：ACTIN

Figure 3M

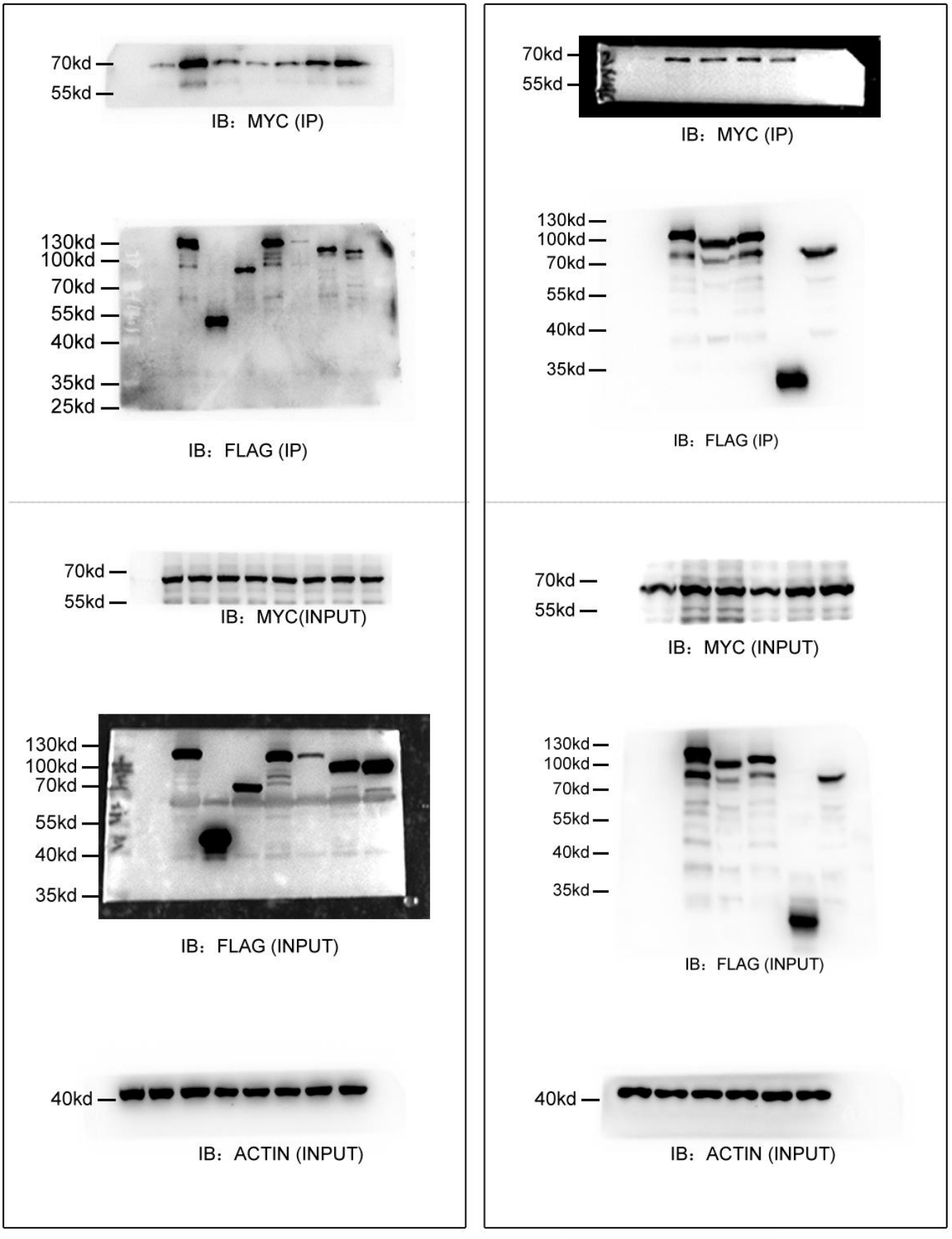

70kd
55kd
IB：MYC (IP)
130kd
100kd
70kd
55kd
40kd
35kd
25kd
IB：FLAG (IP)
70kd
55kd
IB：MYC (IP)
130kd
100kd
70kd
55kd
40kd
35kd
IB：FLAG (IP)
70kd
55kd
IB：MYC(INPUT)
70kd
55kd
IB：MYC (INPUT)
130kd
100kd
70kd
55kd
40kd
35kd
IB：FLAG (INPUT)
130kd
100kd
70kd
55kd
40kd
35kd
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 4A

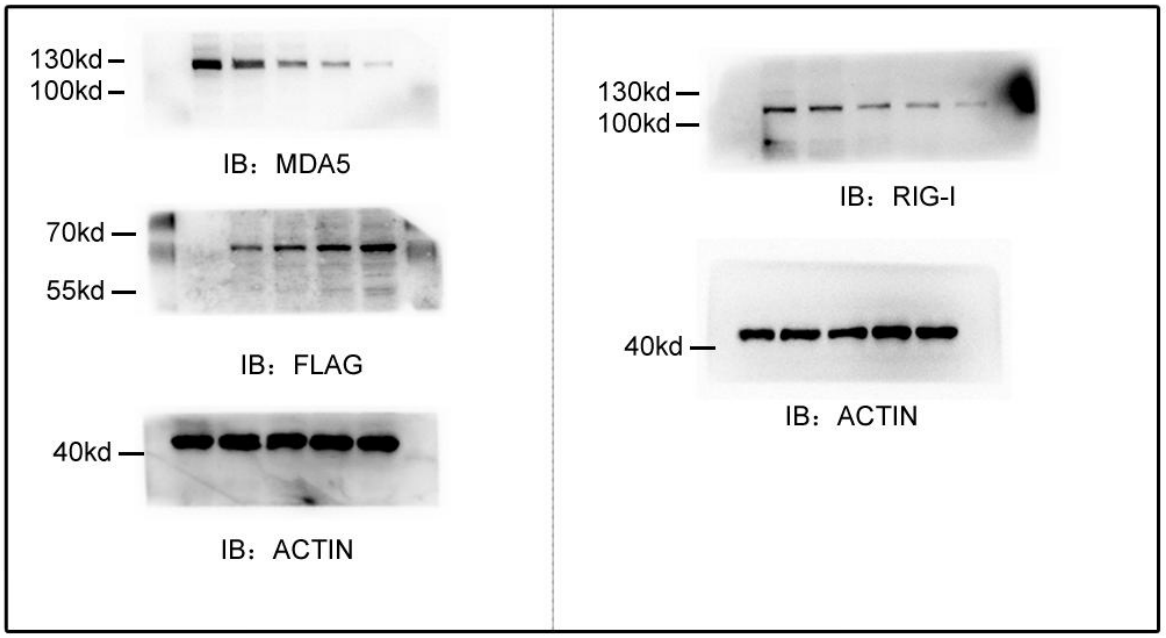


Figure 4B

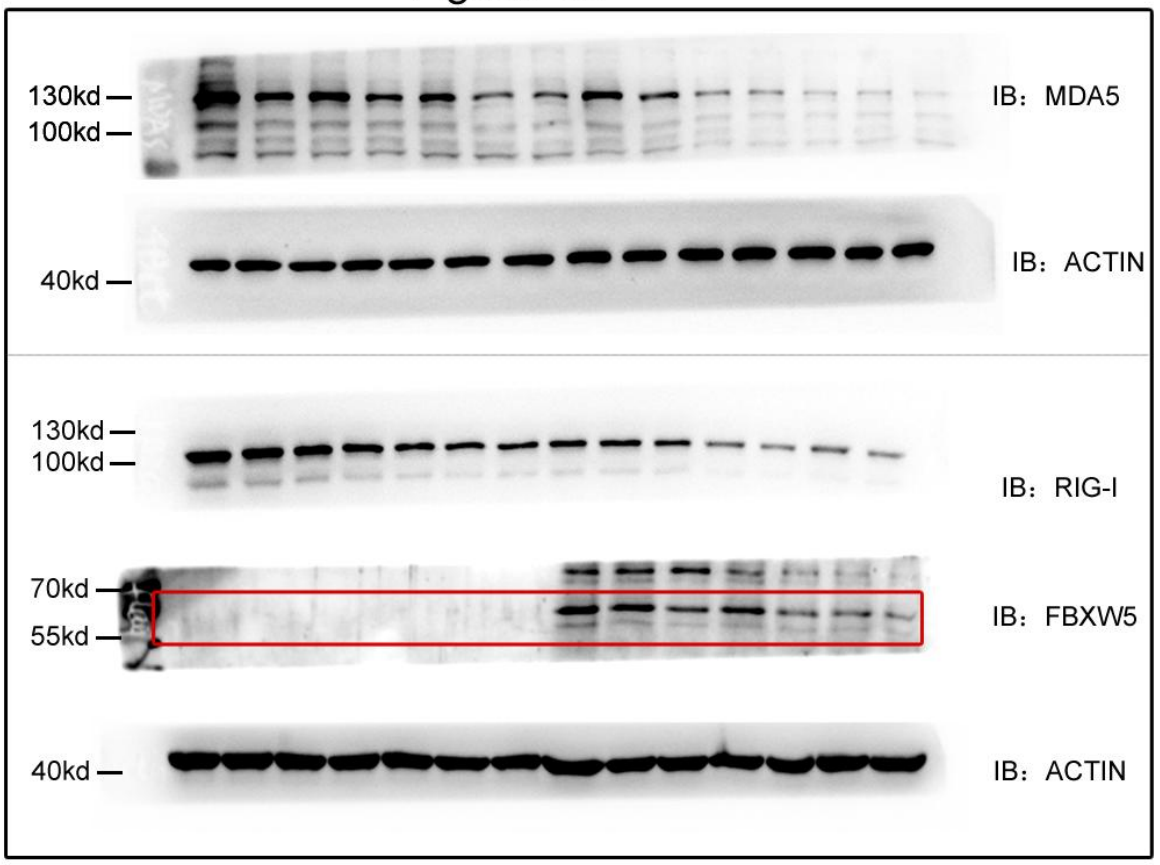


Figure 4D

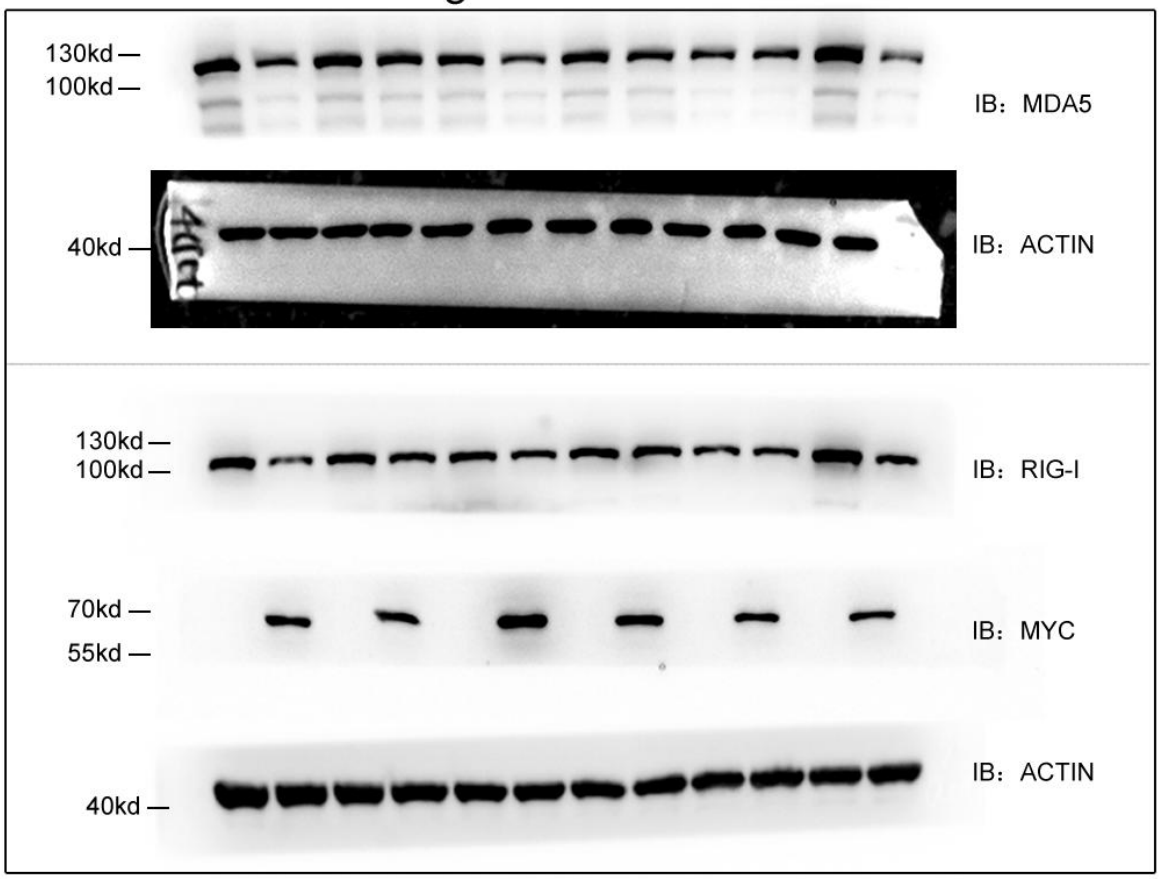


Figure 4E

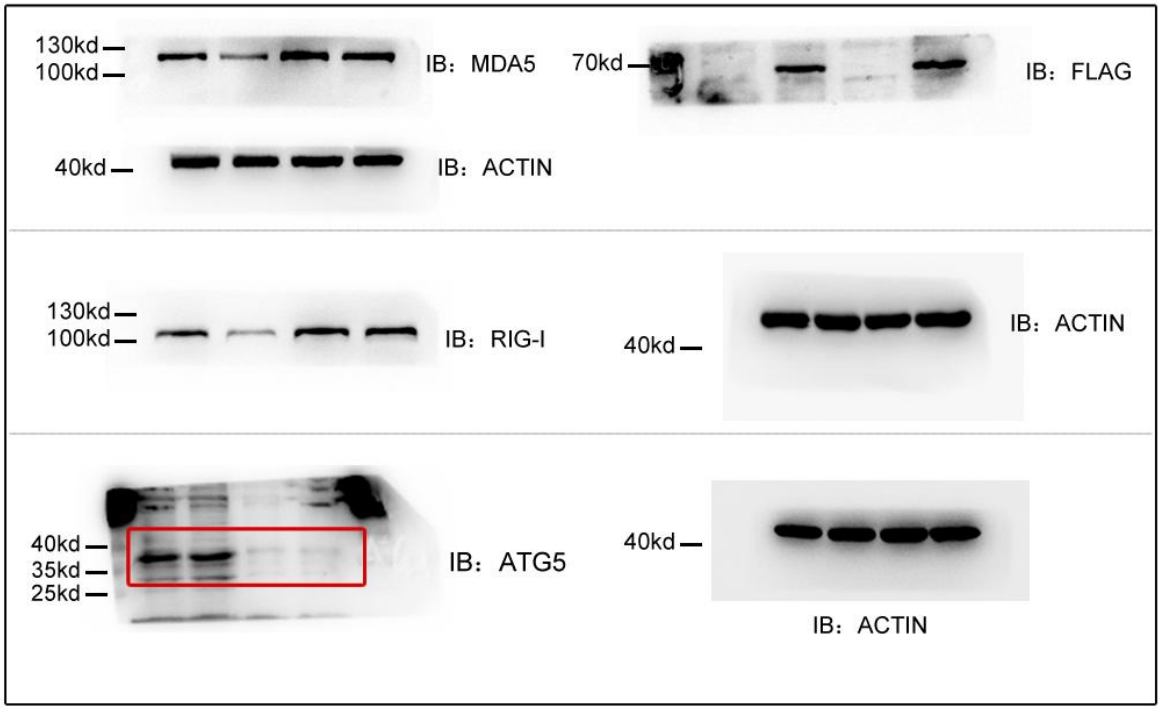


Figure 4F

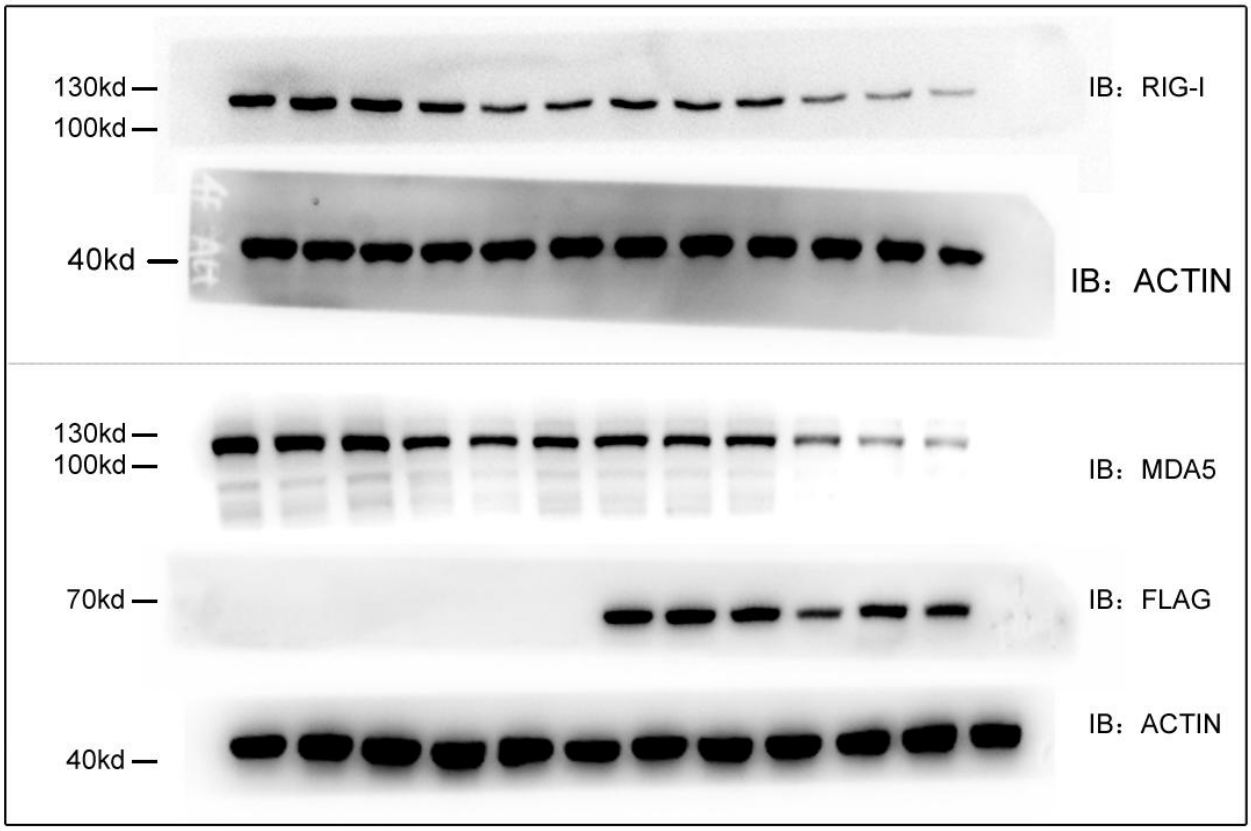


Figure 4G

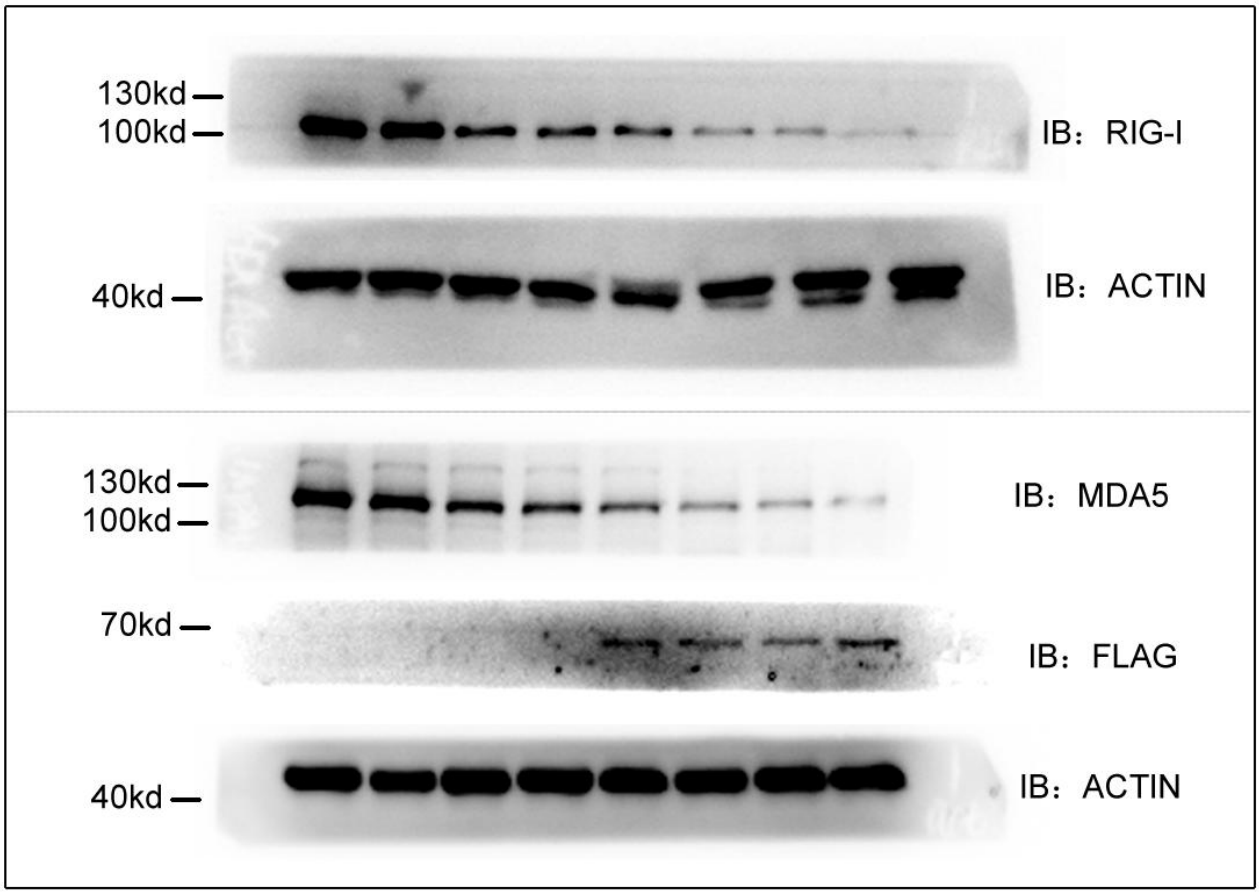


Figure 4H

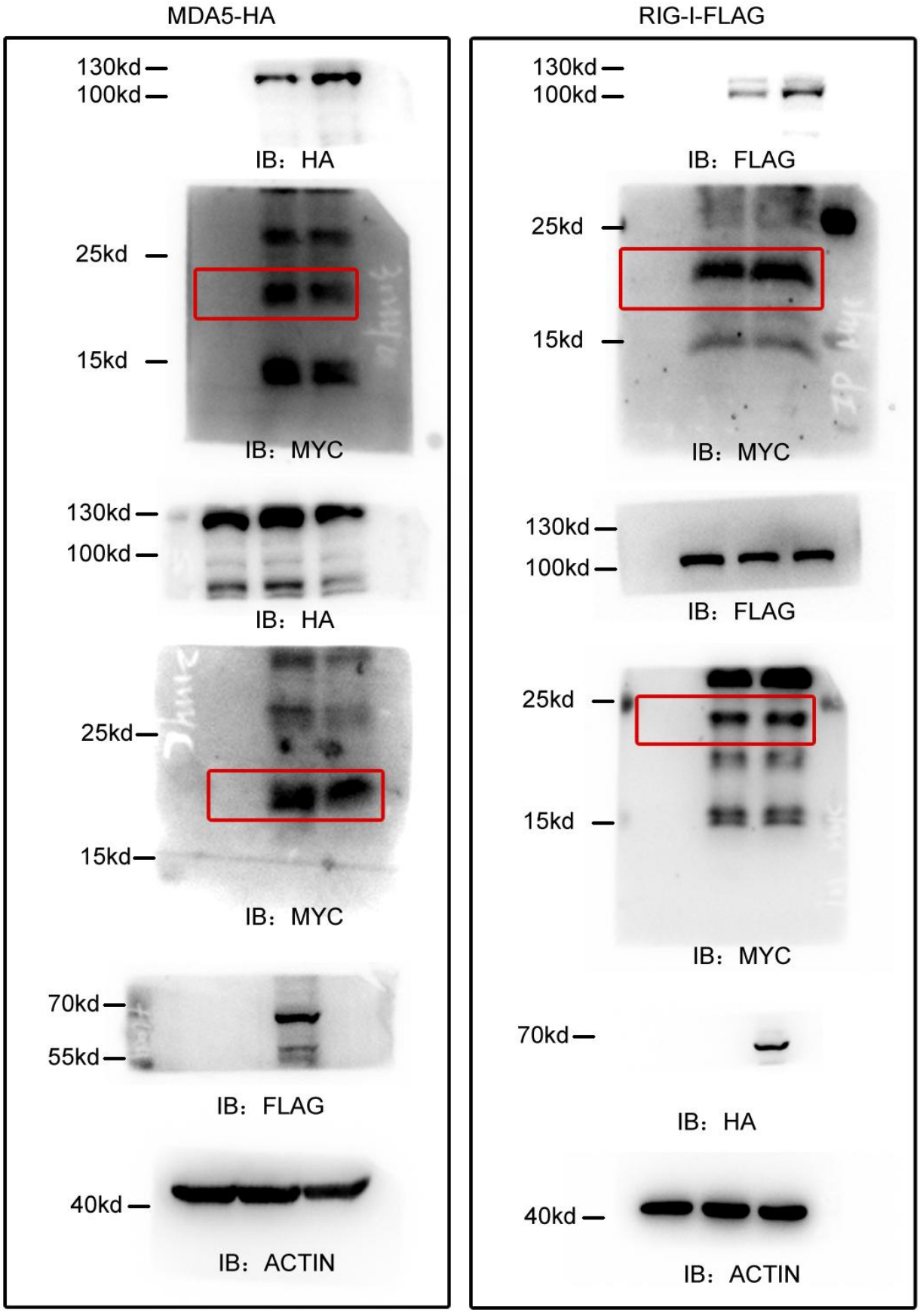

MDA5-HA
130kd
100kd
IB：HA
25kd
15kd
IB：MYC
130kd
100kd
IB：HA
25kd
15kd
IB：MYC
70kd
55kd
IB：FLAG
40kd
IB：ACTIN
RIG-I-FLAG
130kd
100kd
IB：FLAG
25kd
15kd
IB：MYC
130kd
100kd
IB：FLAG
25kd
15kd
IB：MYC
70kd
IB：HA
40kd
IB：ACTIN

Figure 5A

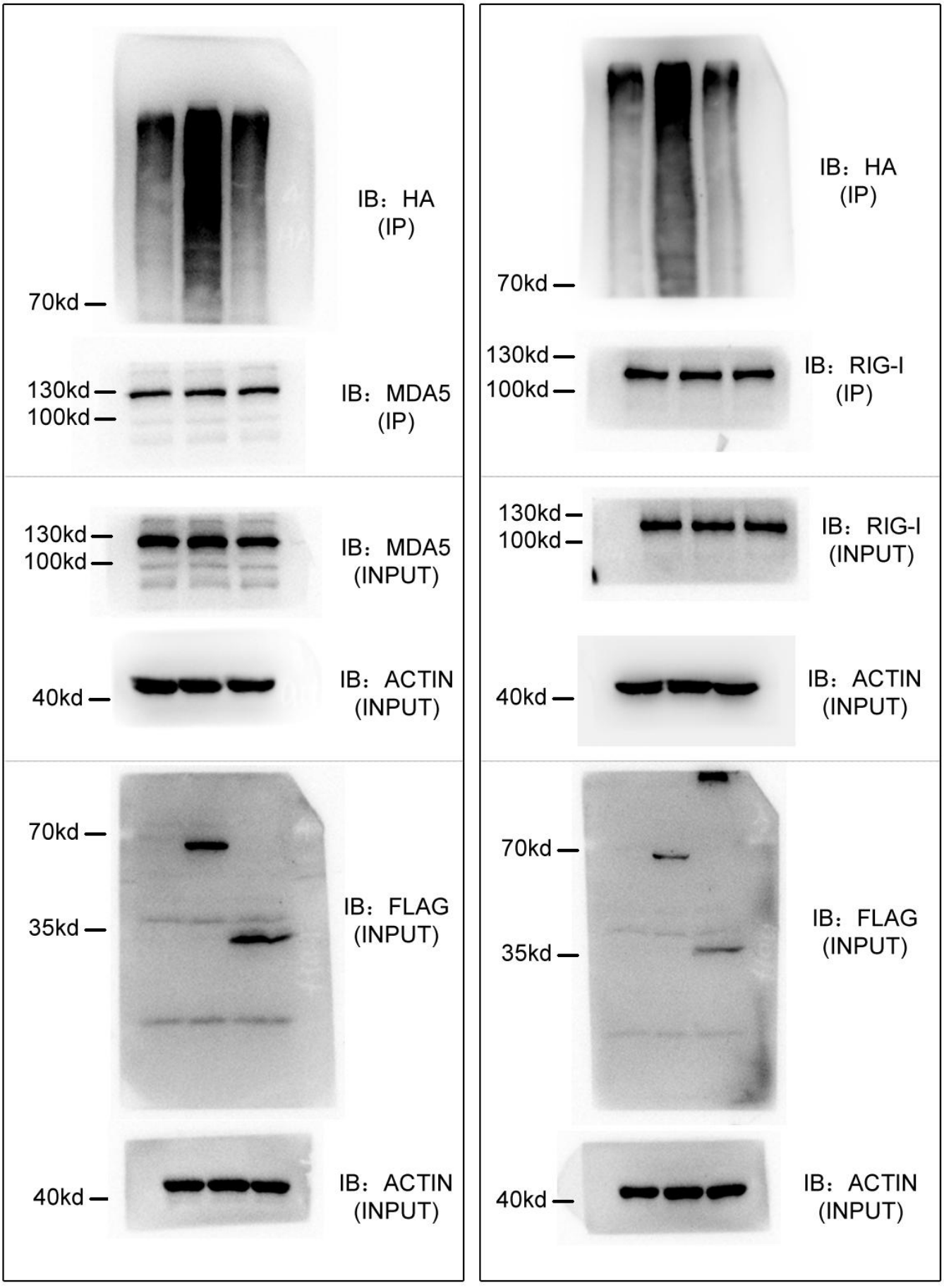

70kd
IB：HA
(IP)
130kd
100kd
IB：MDA5
(IP)
130kd
100kd
IB：MDA5
(INPUT)
40kd
IB：ACTIN
(INPUT)
70kd
35kd
IB：FLAG
(INPUT)
40kd
IB：ACTIN
(INPUT)
70kd
IB：HA
(IP)
130kd
100kd
IB：RIG-I
(IP)
130kd
100kd
IB：RIG-I
(INPUT)
40kd
IB：ACTIN
(INPUT)
70kd
35kd
IB：FLAG
(INPUT)
40kd
IB：ACTIN
(INPUT)

Figure 5B

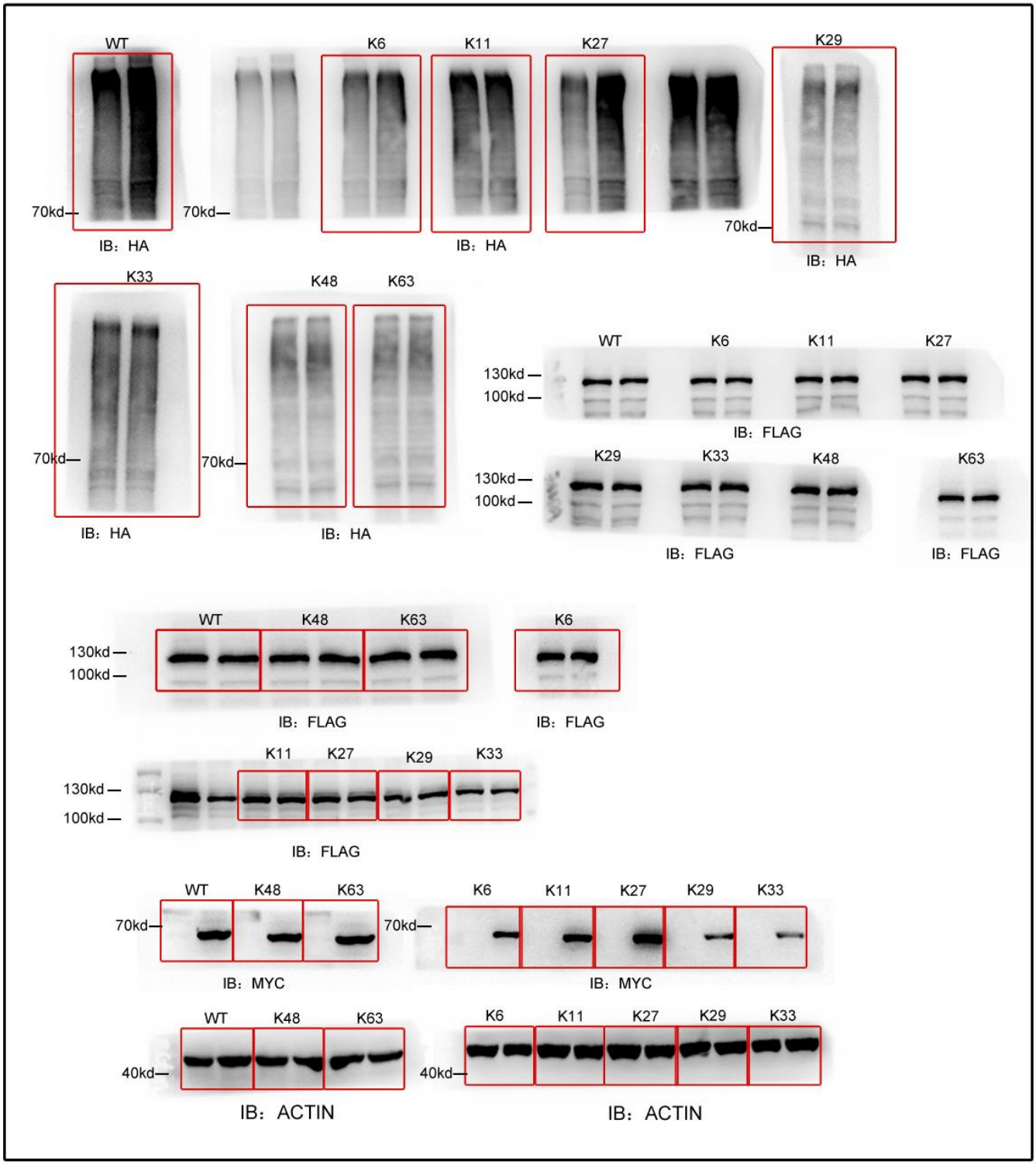

WT
K6
K11
K27
K29
70kd
IB：HA
K33
K48
K63
WT
K6
K11
K27
130kd
100kd
IB：FLAG
K29
K33
K48
K63
WT
K48
K63
K6
IB：FLAG
K11
K27
K29
K33
WT
K48
K63
K6
K11
K27
K29
K33
IB：MYC
40kd
IB：ACTIN

Figure 5C

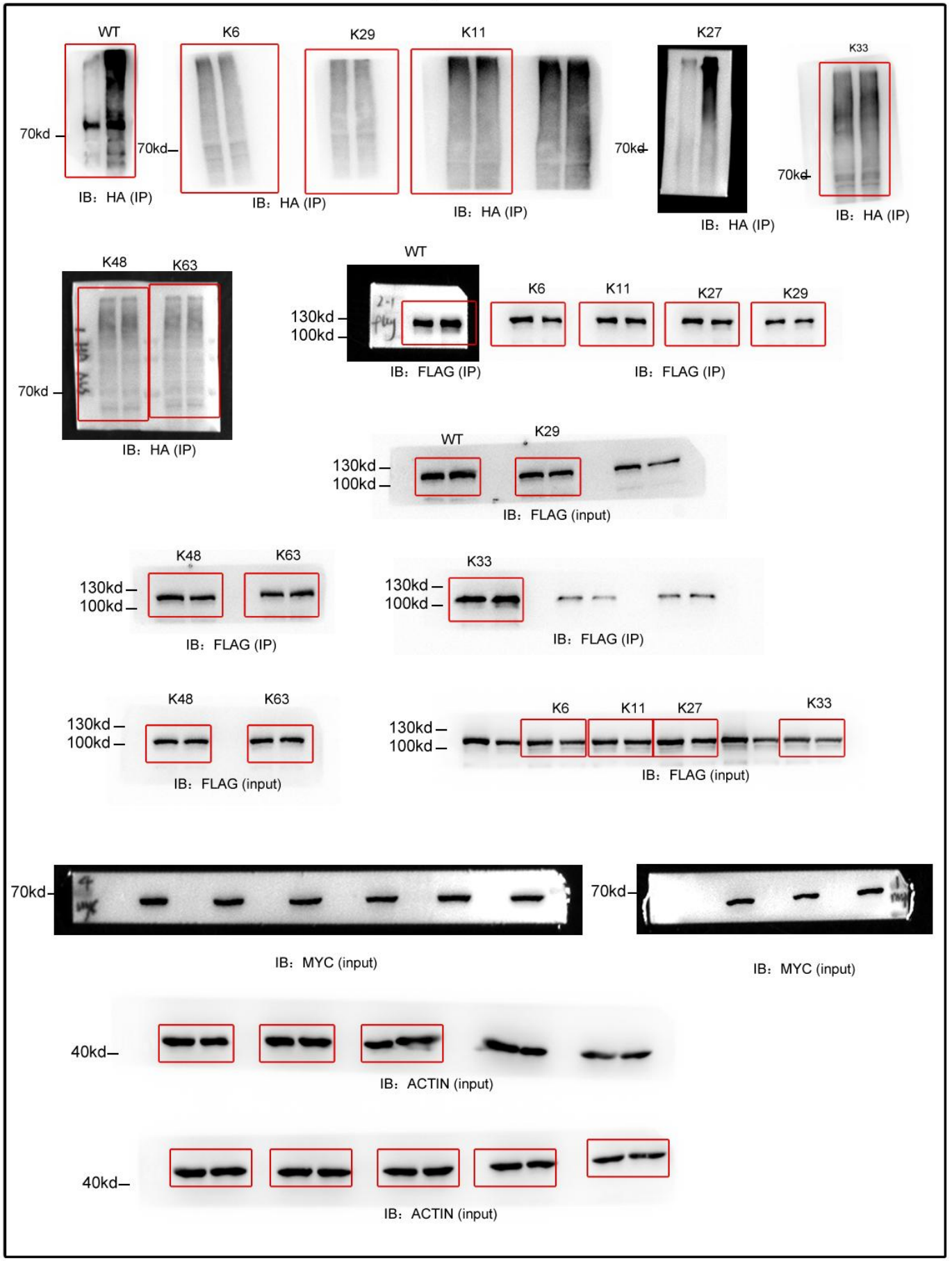

WT
K6
K29
K11
K27
K33
70kd
IB：HA (IP)
K48
K63
IB：FLAG (IP)
IB：FLAG (input)
130kd
100kd
IB：MYC (input)
40kd
IB：ACTIN (input)

Figure 5D

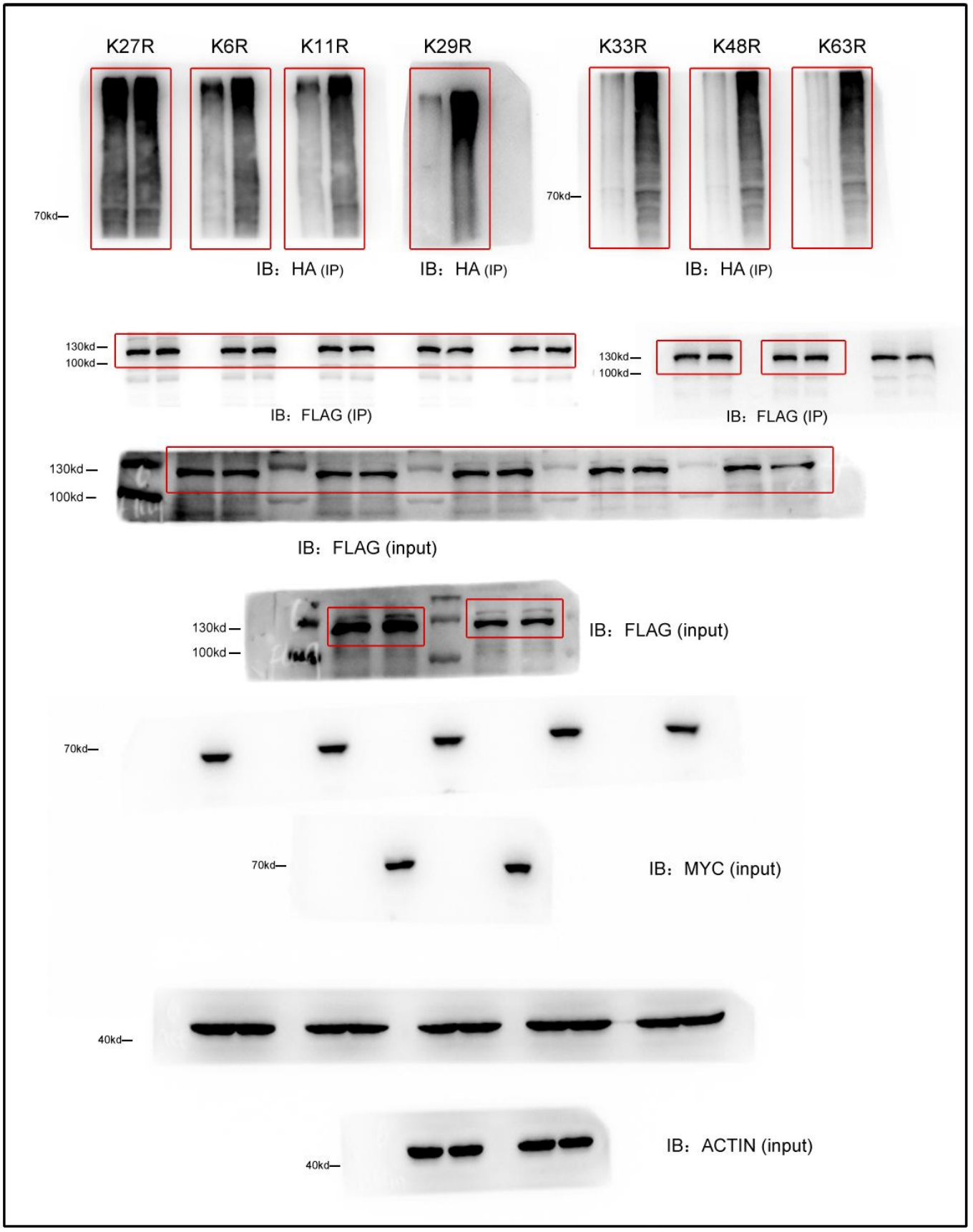

K27R
K6R
K11R
K29R
K33R
K48R
K63R
70kd
IB：HA (IP)
IB：HA (IP)
IB：HA (IP)
130kd
100kd
IB：FLAG (IP)
130kd
100kd
IB：FLAG (IP)
130kd
100kd
IB：FLAG (input)
130kd
100kd
IB：FLAG (input)
70kd
70kd
IB：MYC (input)
40kd
40kd
IB：ACTIN (input)

Figure 5E

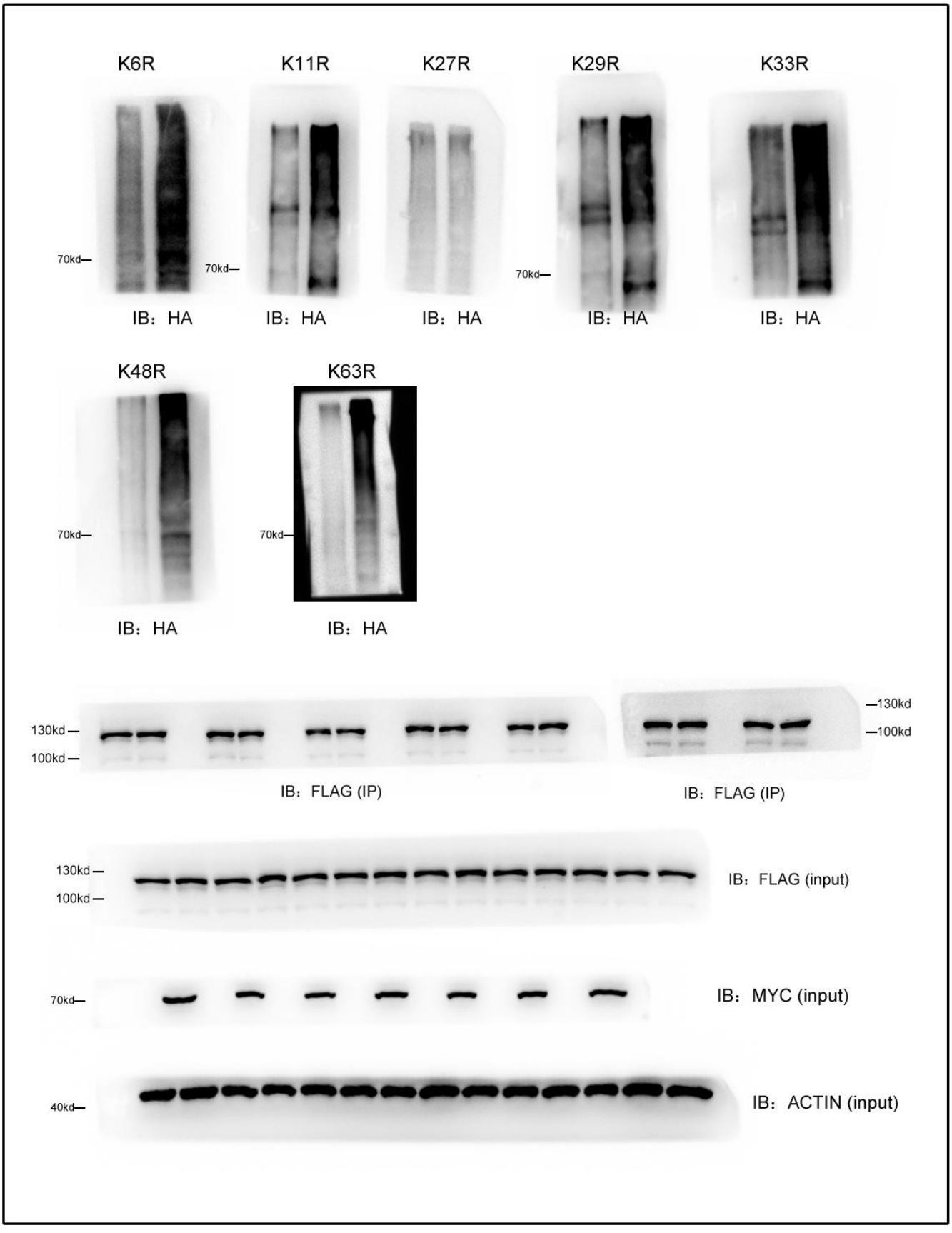

K6R
K11R
K27R
K29R
K33R
70kd
70kd
70kd
IB：HA
IB：HA
IB：HA
IB：HA
IB：HA
K48R
K63R
70kd
70kd
IB：HA
IB：HA
130kd
100kd
130kd
100kd
IB：FLAG (IP)
IB：FLAG (IP)
130kd
100kd
IB：FLAG (input)
70kd
IB：MYC (input)
40kd
IB：ACTIN (input)

Figure 5G

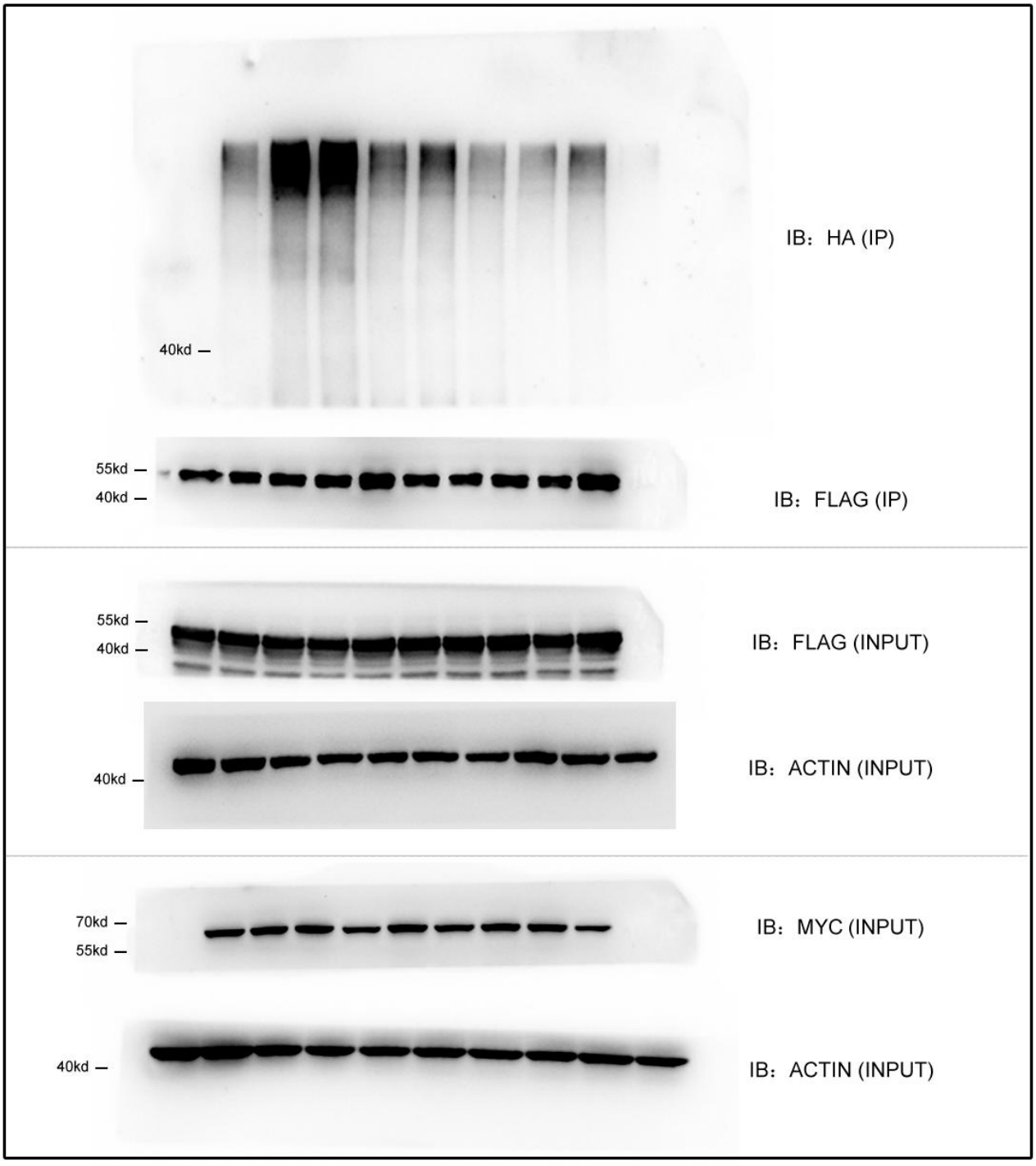

IB：HA (IP)
40kd
55kd
40kd
IB：FLAG (IP)
55kd
40kd
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)
70kd
55kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 5H

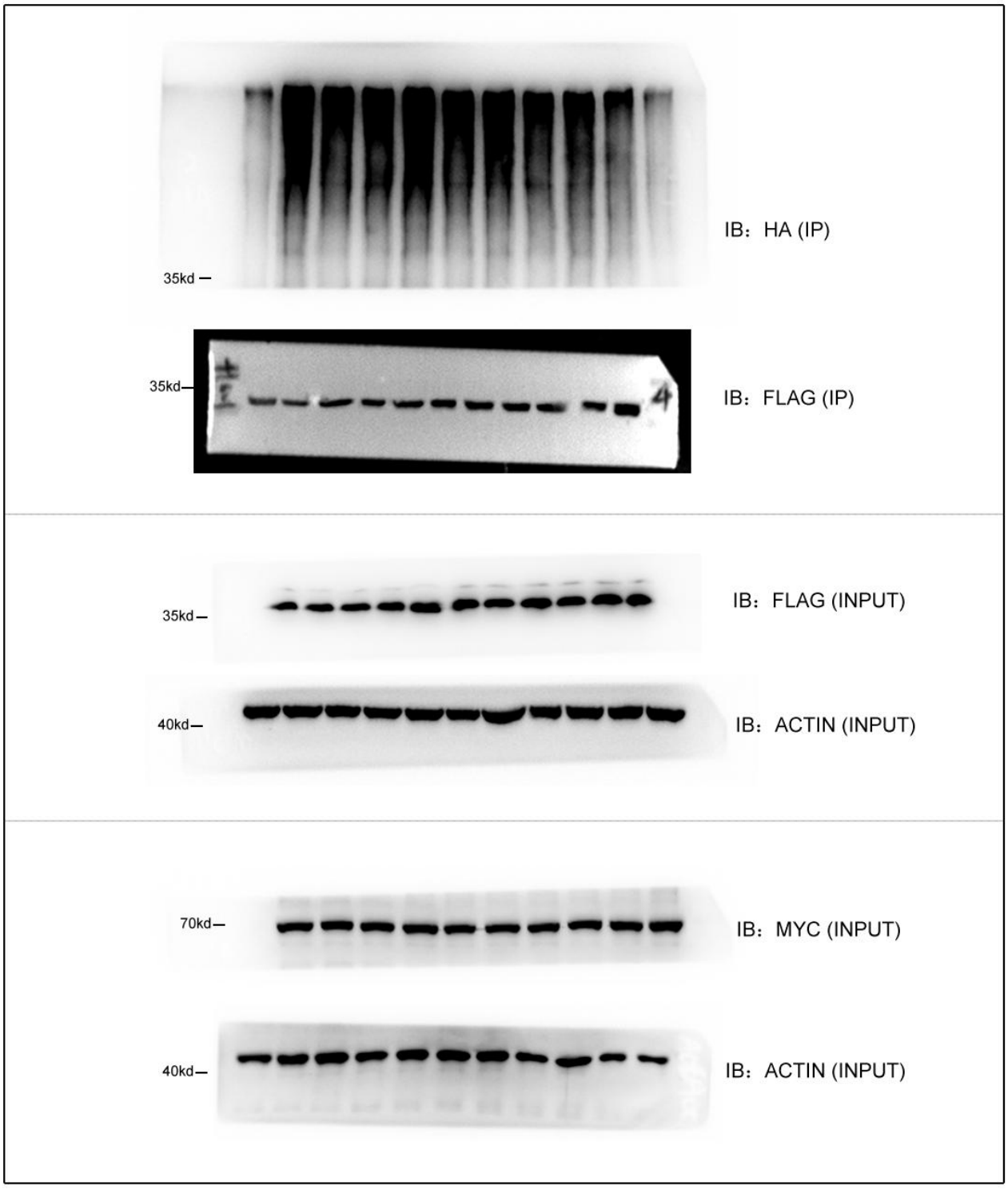

35kd
IB：HA (IP)
35kd
IB：FLAG (IP)
35kd
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)
70kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 5K

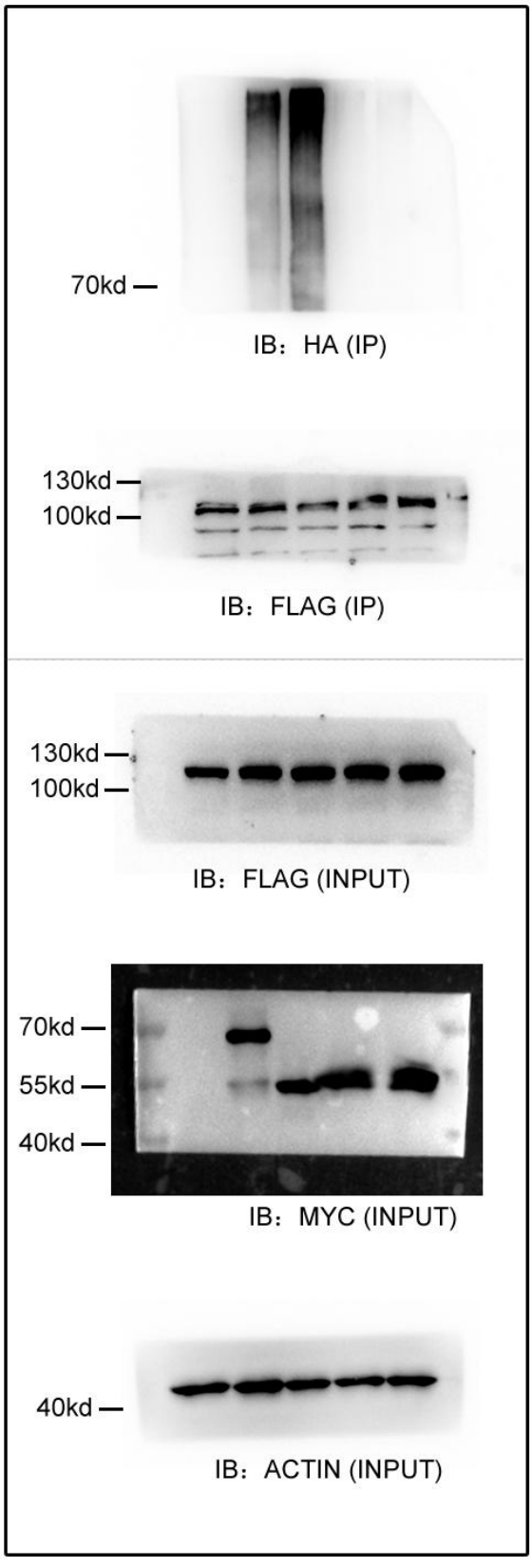


Figure 5L

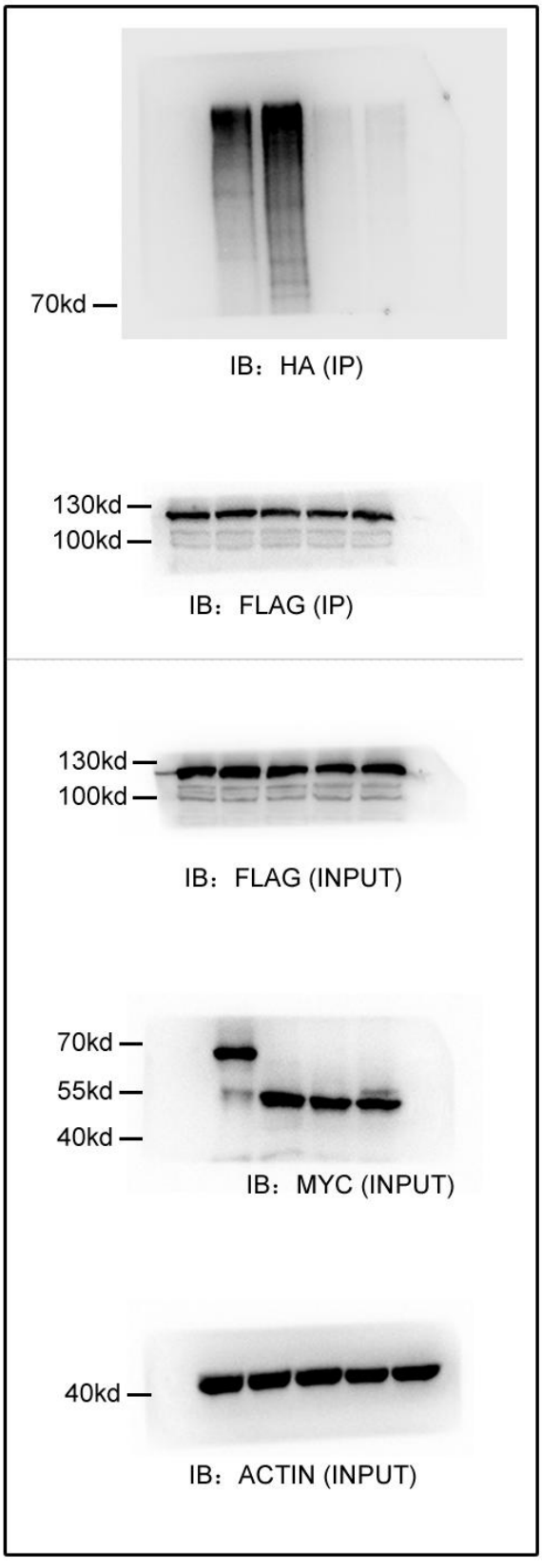


Figure 5J

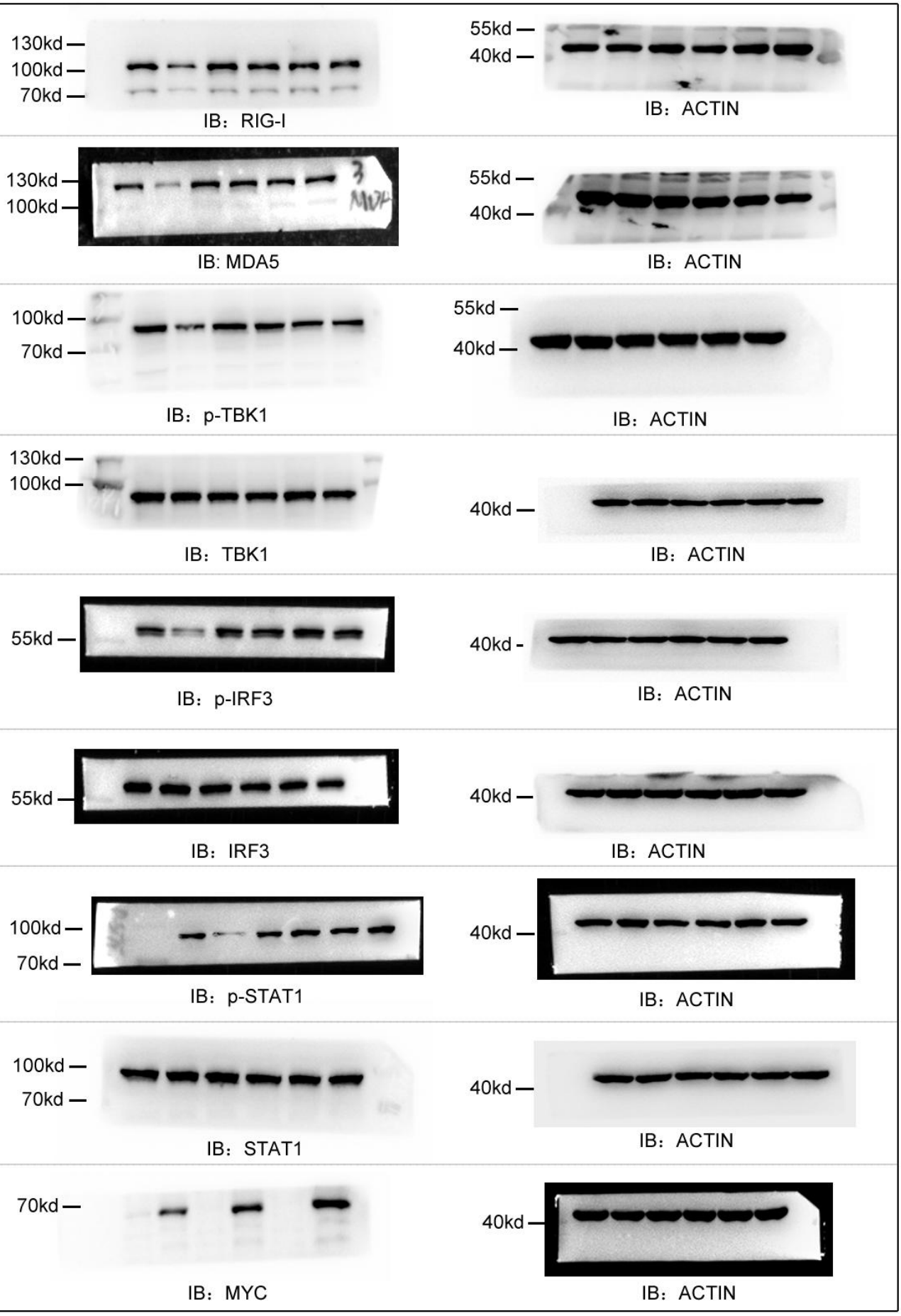

130kd
100kd
70kd
IB：RIG-I
55kd
40kd
IB：ACTIN
130kd
100kd
IB: MDA5
55kd
40kd
IB：ACTIN
100kd
70kd
IB：p-TBK1
55kd
40kd
IB：ACTIN
130kd
100kd
IB：TBK1
40kd
IB：ACTIN
55kd
IB：p-IRF3
40kd
IB：ACTIN
55kd
IB：IRF3
40kd
IB：ACTIN
100kd
70kd
IB：p-STAT1
40kd
IB：ACTIN
100kd
70kd
IB：STAT1
40kd
IB：ACTIN
70kd
IB：MYC
40kd
IB：ACTIN

Figure 5M

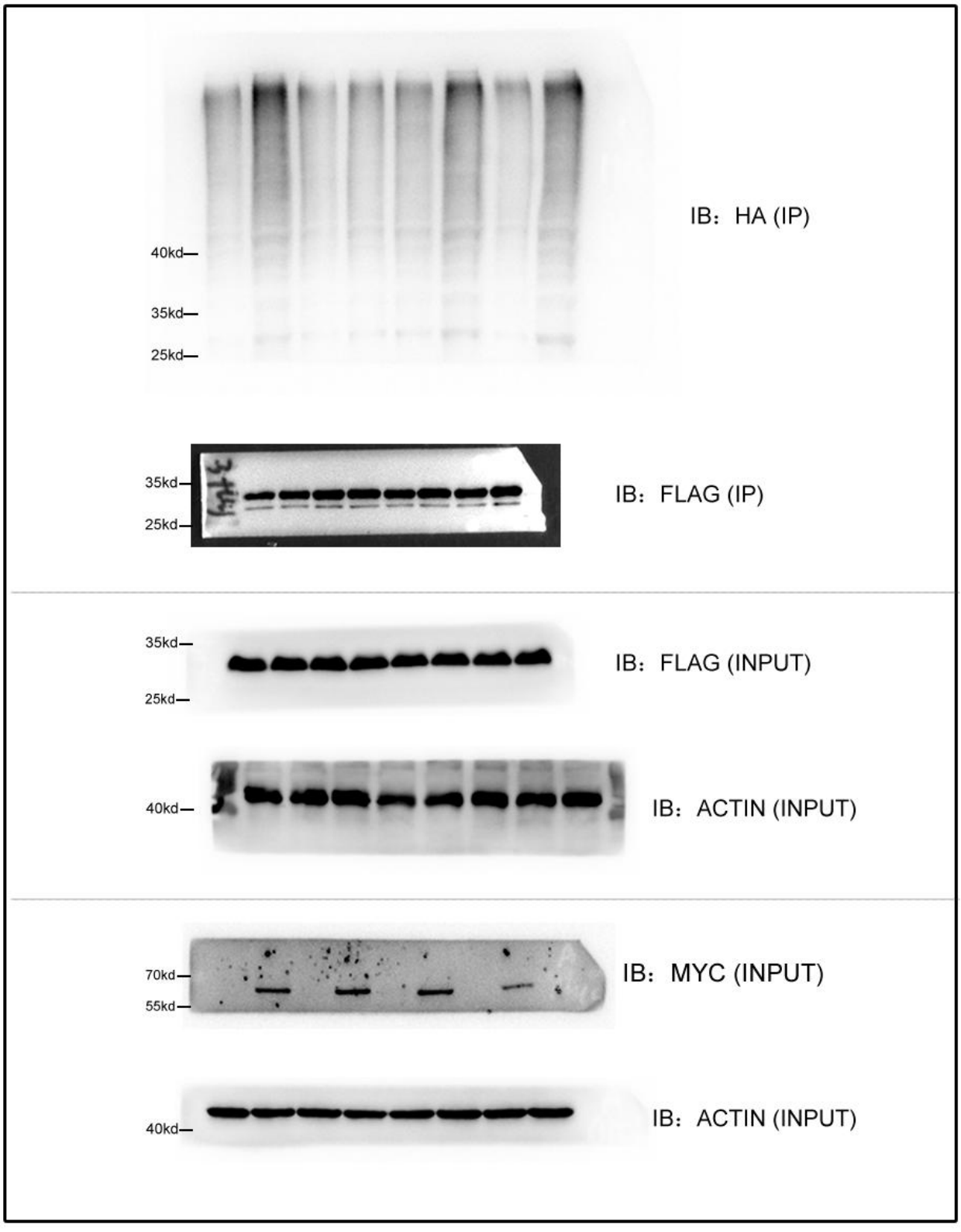

40kd
35kd
25kd
IB：HA (IP)
35kd
25kd
IB：FLAG (IP)
35kd
25kd
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)
70kd
55kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 5N

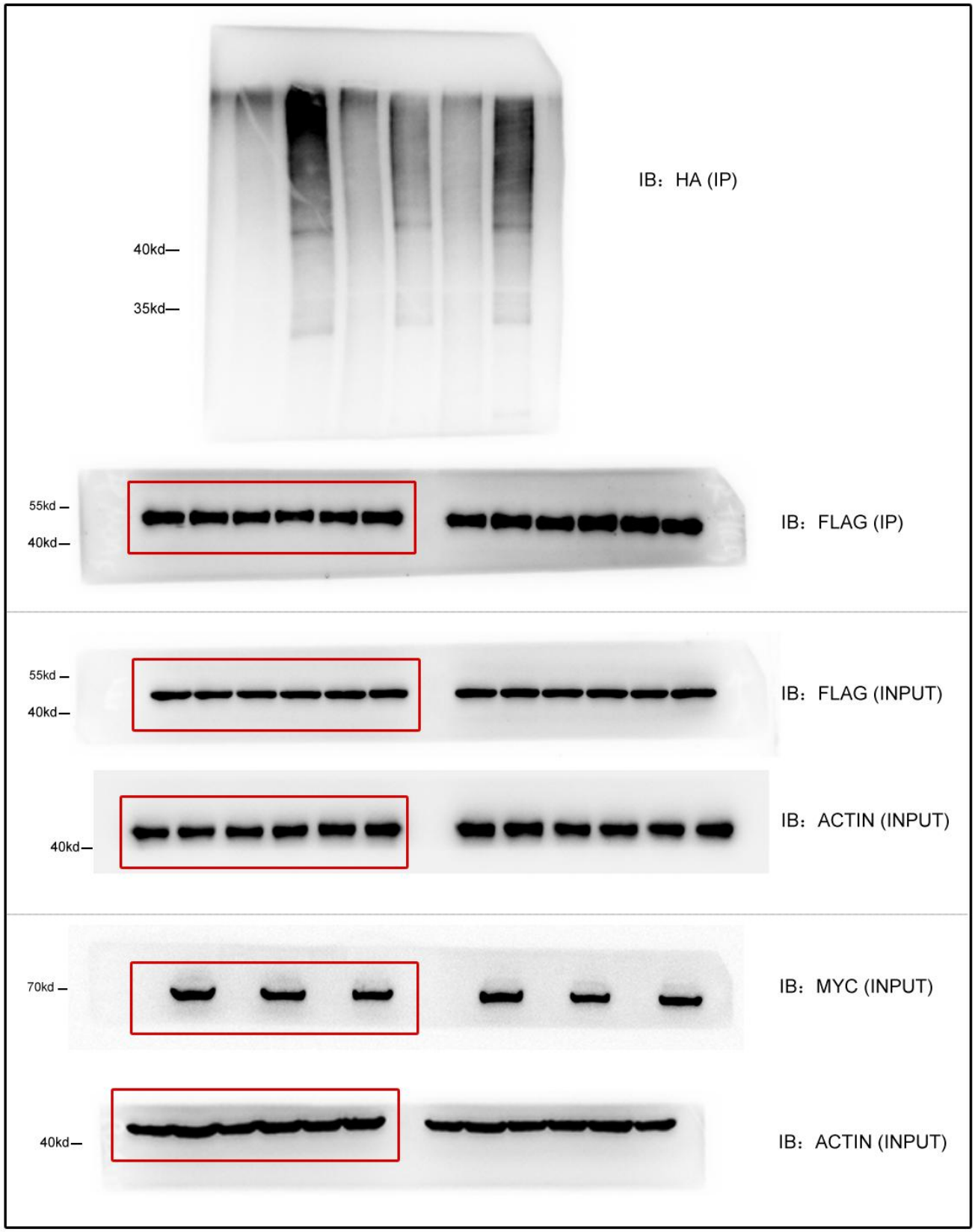

IB：HA (IP)
40kd
35kd
55kd
40kd
IB：FLAG (IP)
55kd
40kd
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)
70kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 6A

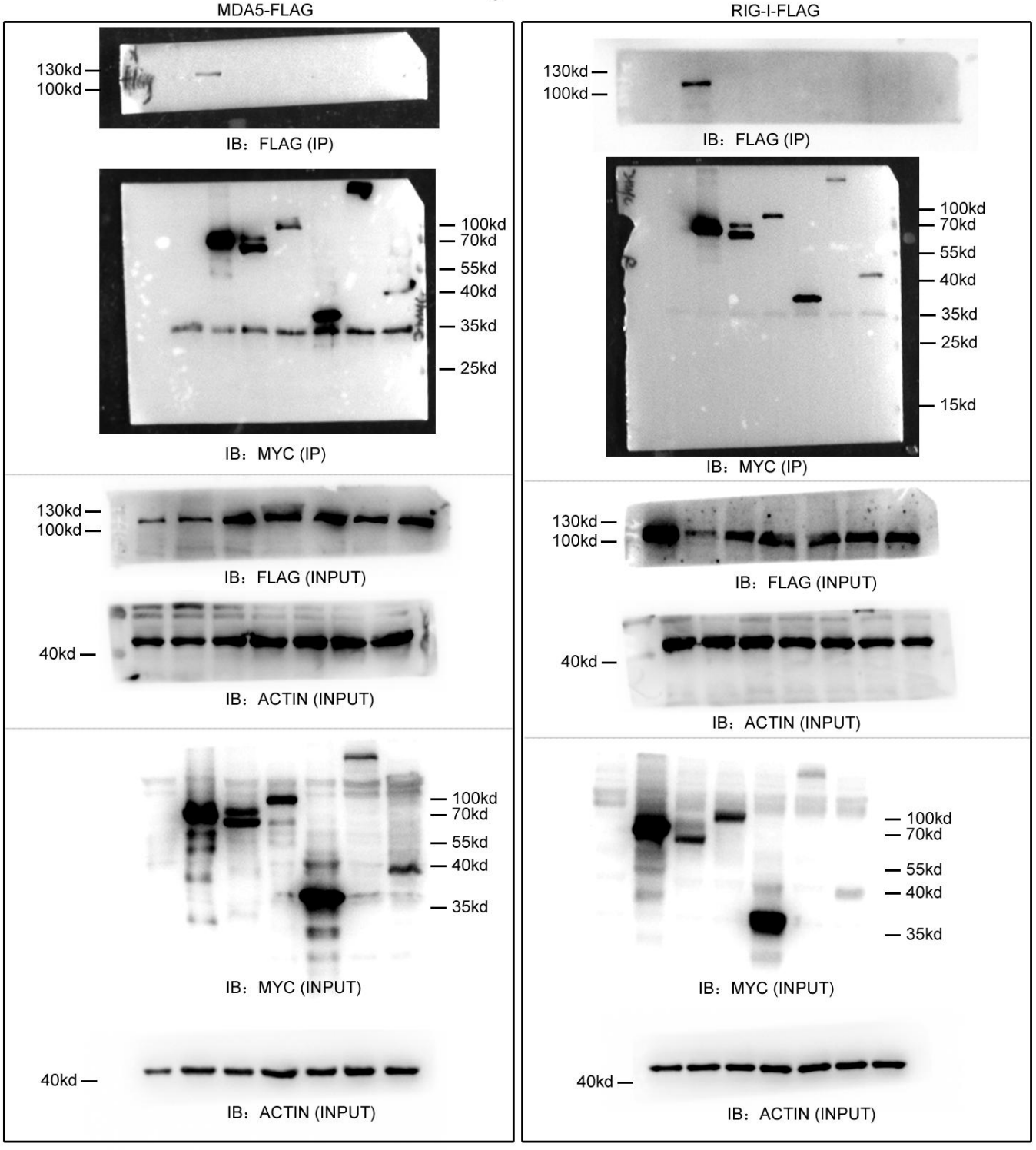

MDA5-FLAG
RIG-I-FLAG
130kd
100kd
IB：FLAG (IP)
100kd
70kd
55kd
40kd
35kd
25kd
15kd
IB：MYC (IP)
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 6B

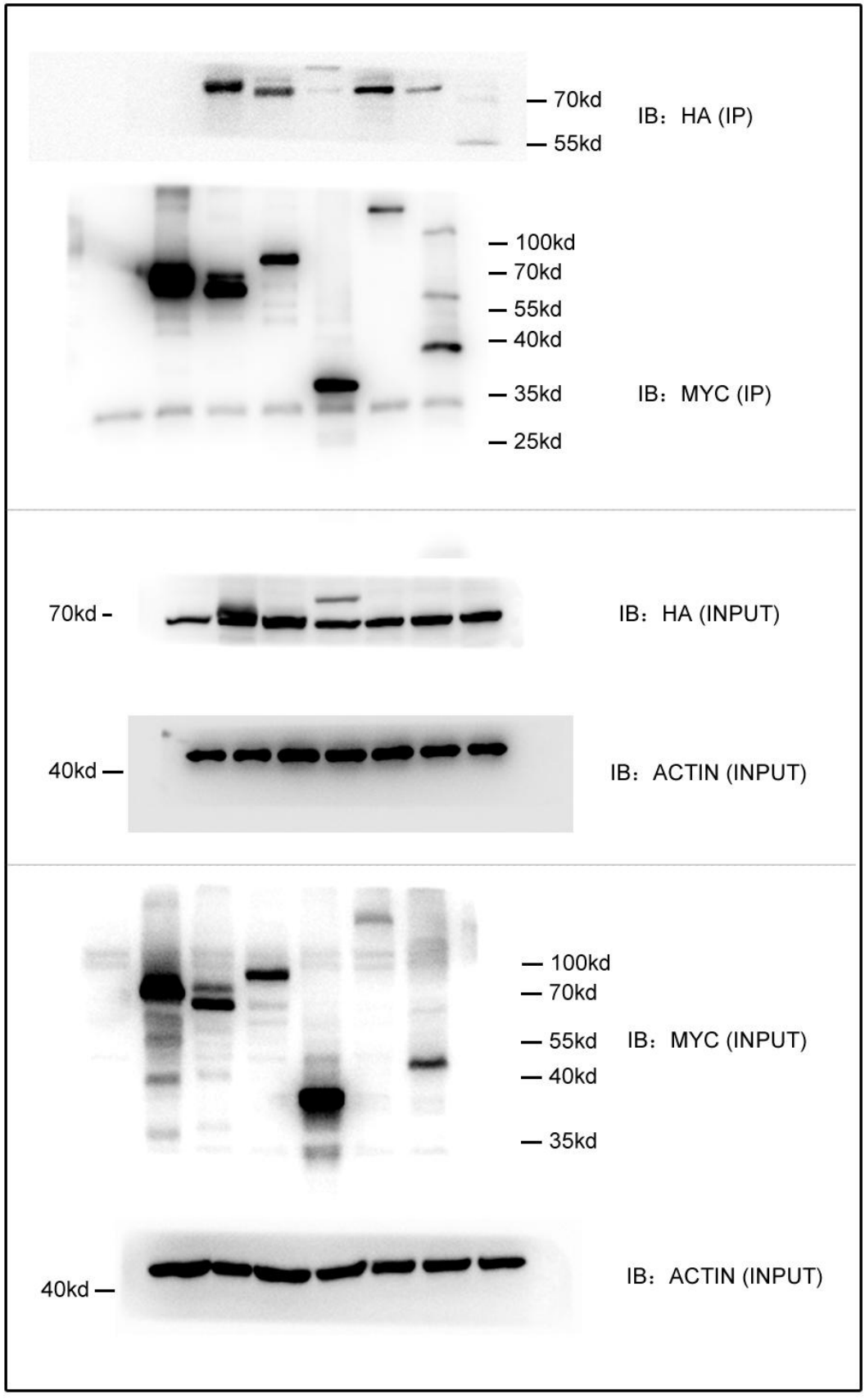

70kd
55kd
IB：HA (IP)
100kd
70kd
55kd
40kd
35kd
25kd
IB：MYC (IP)
70kd
IB：HA (INPUT)
40kd
IB：ACTIN (INPUT)
100kd
70kd
55kd
40kd
35kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 6C

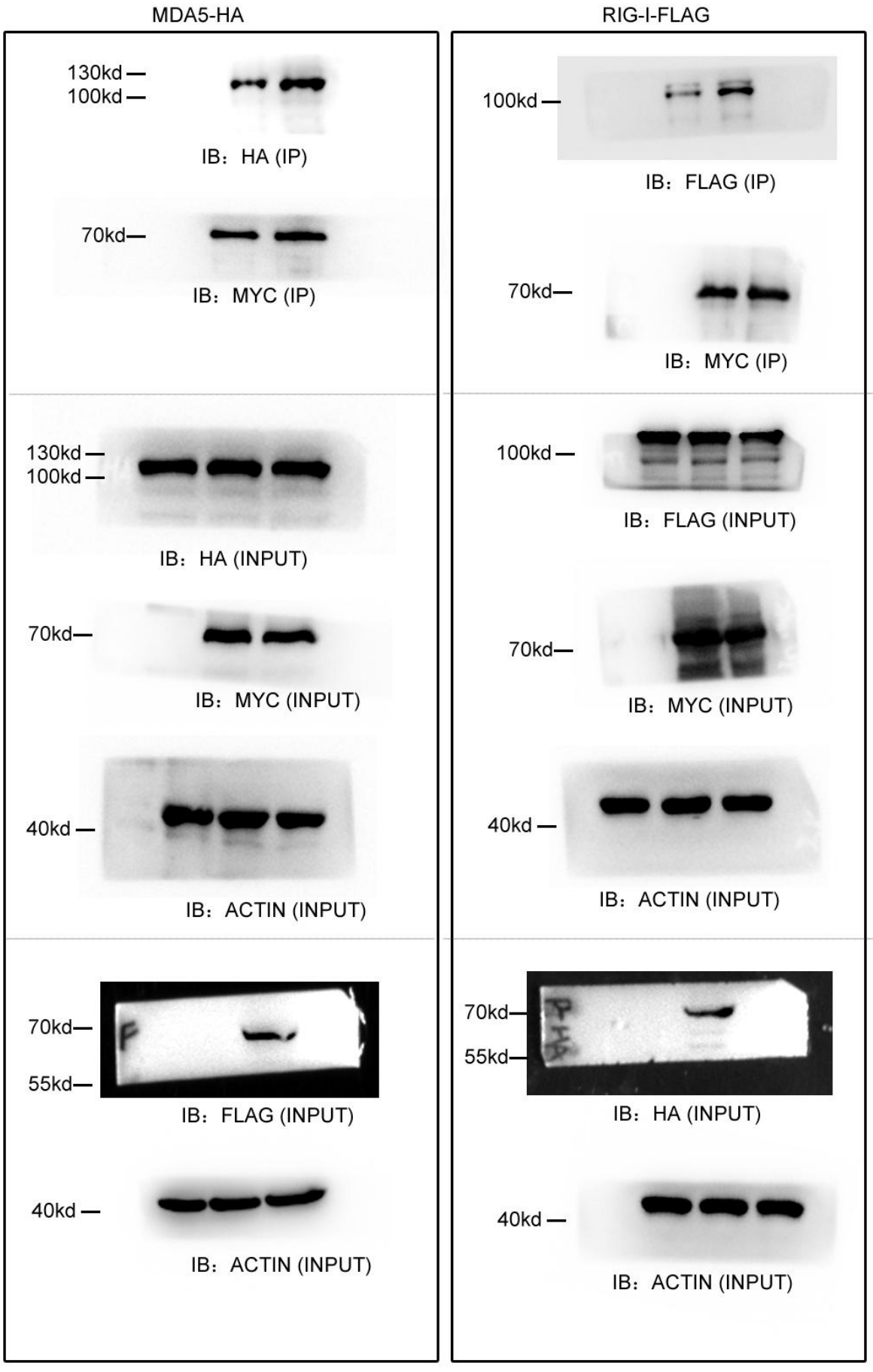

MDA5-HA
RIG-I-FLAG
130kd
100kd
IB：HA (IP)
70kd
IB：MYC (IP)
100kd
IB：FLAG (IP)
70kd
IB：MYC (IP)
130kd
100kd
IB：HA (INPUT)
70kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)
100kd
IB：FLAG (INPUT)
70kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)
70kd
55kd
IB：FLAG (INPUT)
40kd
IB：ACTIN (INPUT)
70kd
55kd
IB：HA (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 6E

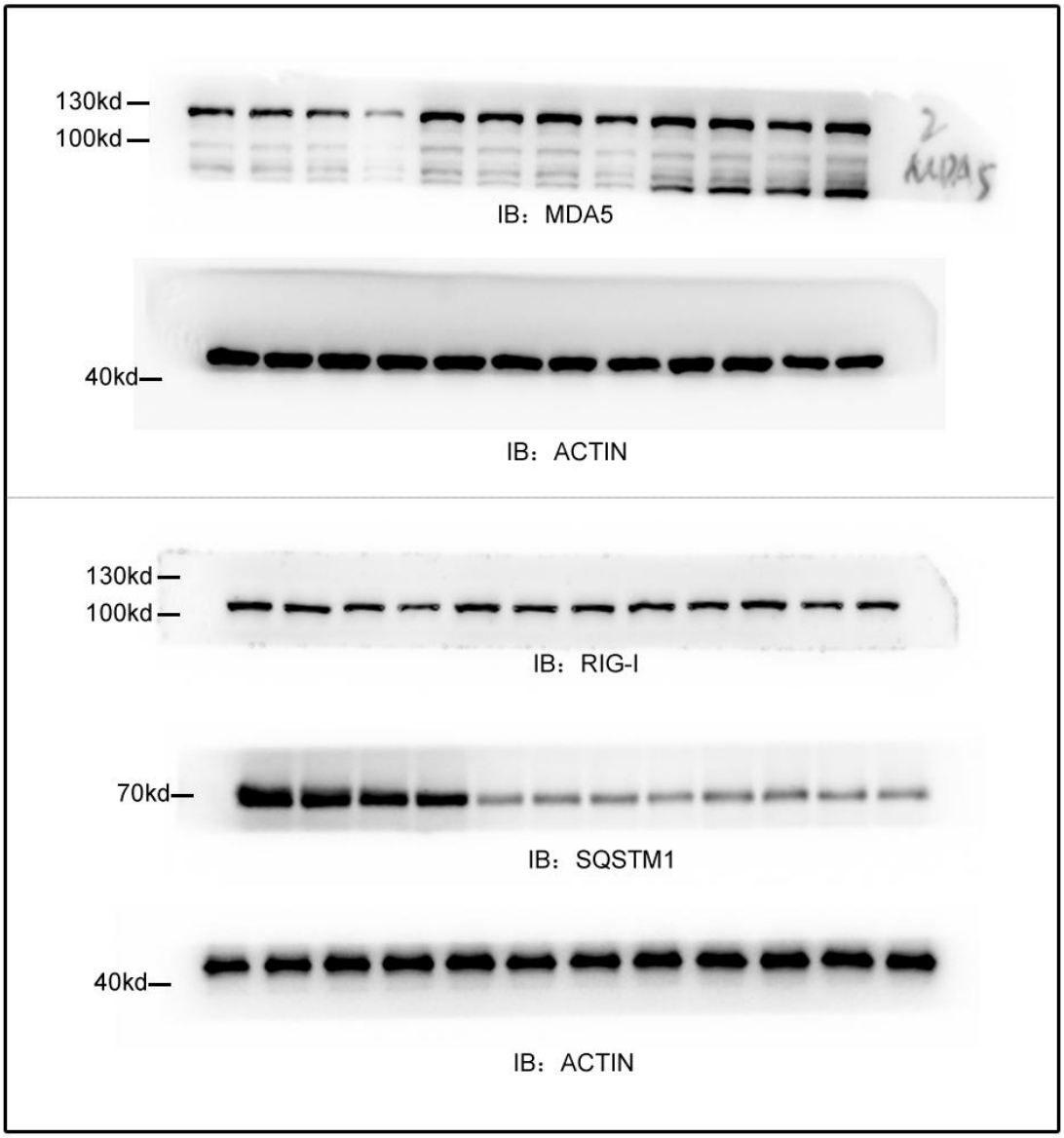

130kd
100kd
IB：MDA5
40kd
IB：ACTIN
130kd
100kd
IB：RIG-I
70kd
IB：SQSTM1
40kd
IB：ACTIN

Figure 6F

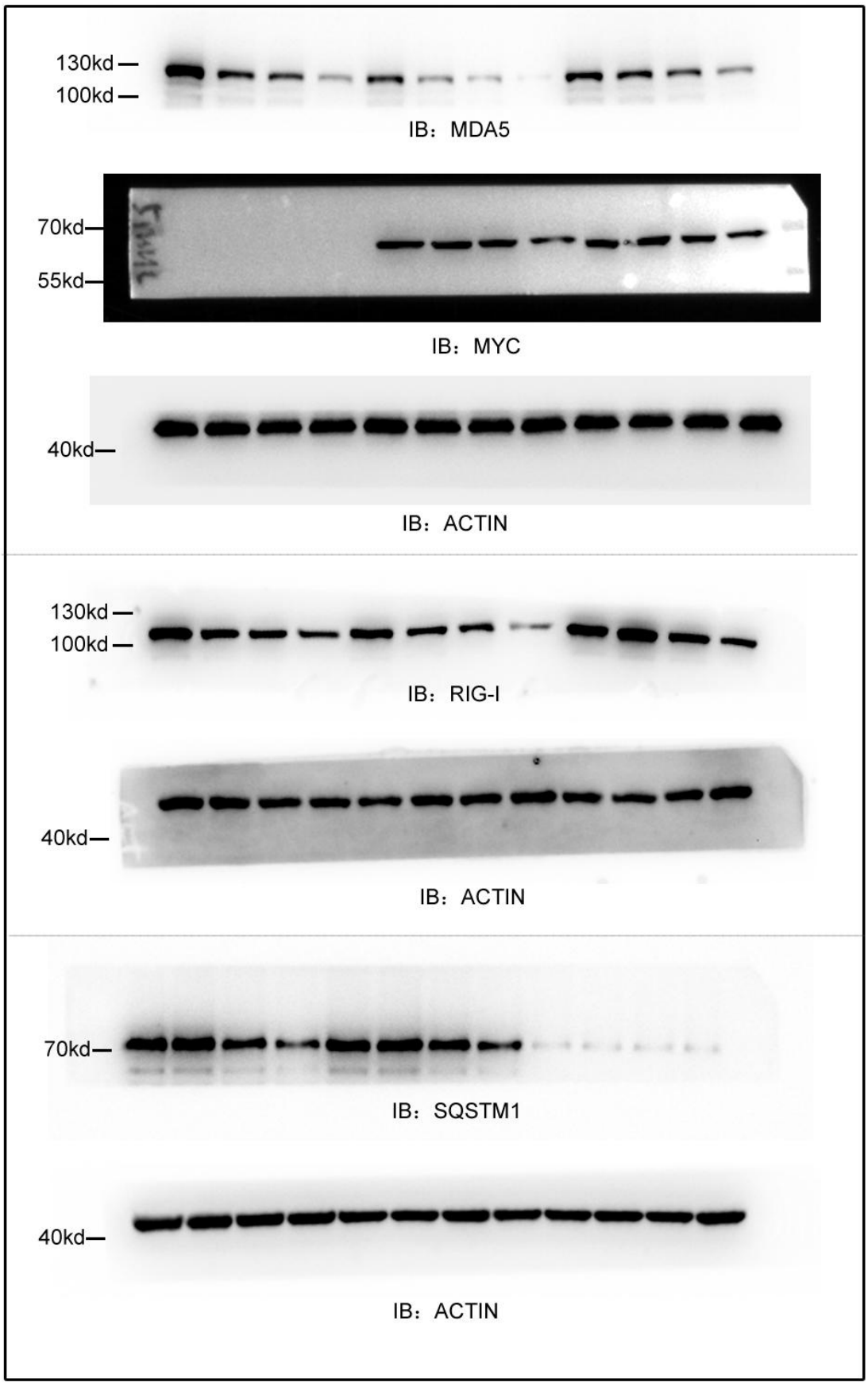

130kd
100kd
IB：MDA5
70kd
55kd
IB：MYC
40kd
IB：ACTIN
130kd
100kd
IB：RIG-I
40kd
IB：ACTIN
70kd
IB：SQSTM1
40kd
IB：ACTIN

Figure 6G

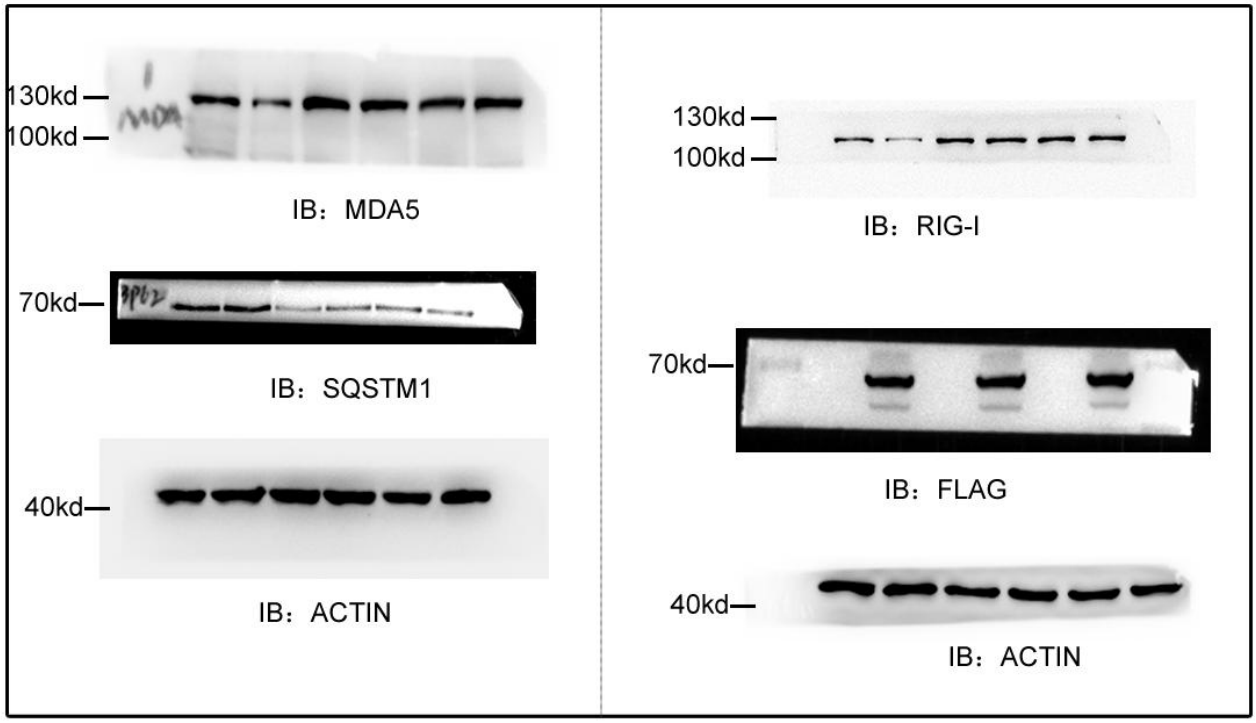


Figure 6J

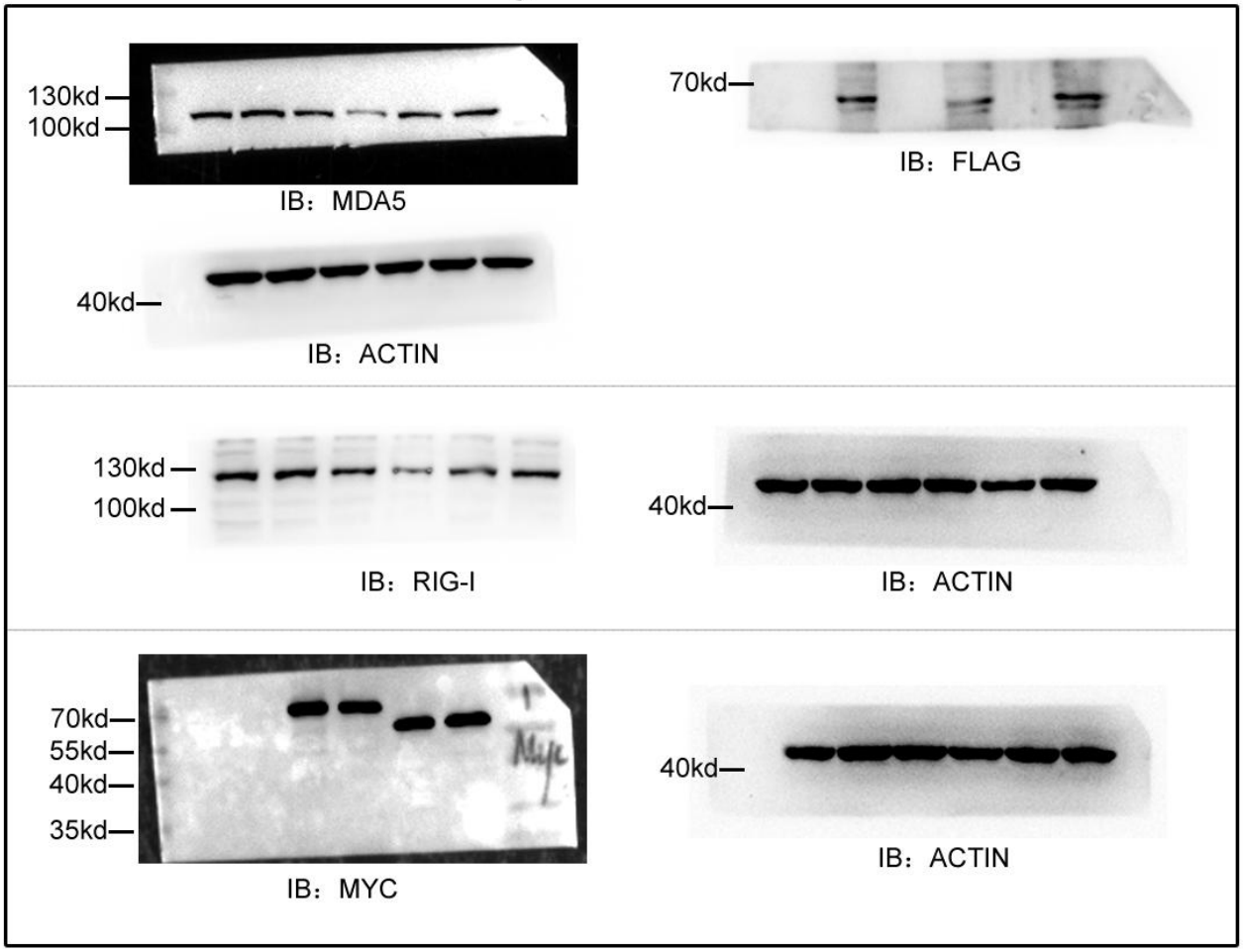


Figure 6I

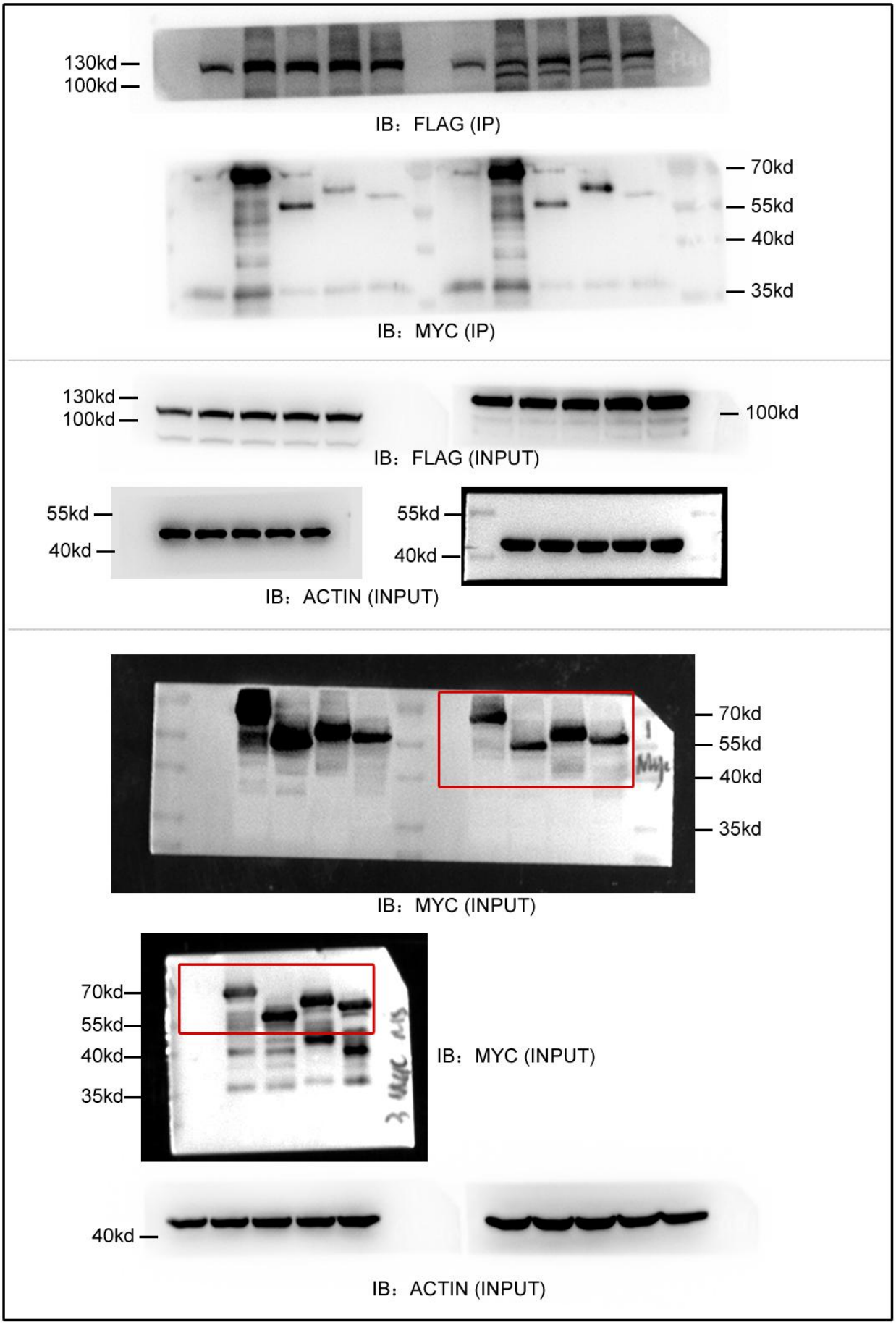

130kd
100kd
IB：FLAG (IP)
70kd
55kd
40kd
35kd
IB：MYC (IP)
130kd
100kd
100kd
IB：FLAG (INPUT)
55kd
40kd
55kd
40kd
IB：ACTIN (INPUT)
70kd
55kd
40kd
35kd
IB：MYC (INPUT)
70kd
55kd
40kd
35kd
IB：MYC (INPUT)
40kd
IB：ACTIN (INPUT)

Figure 7A

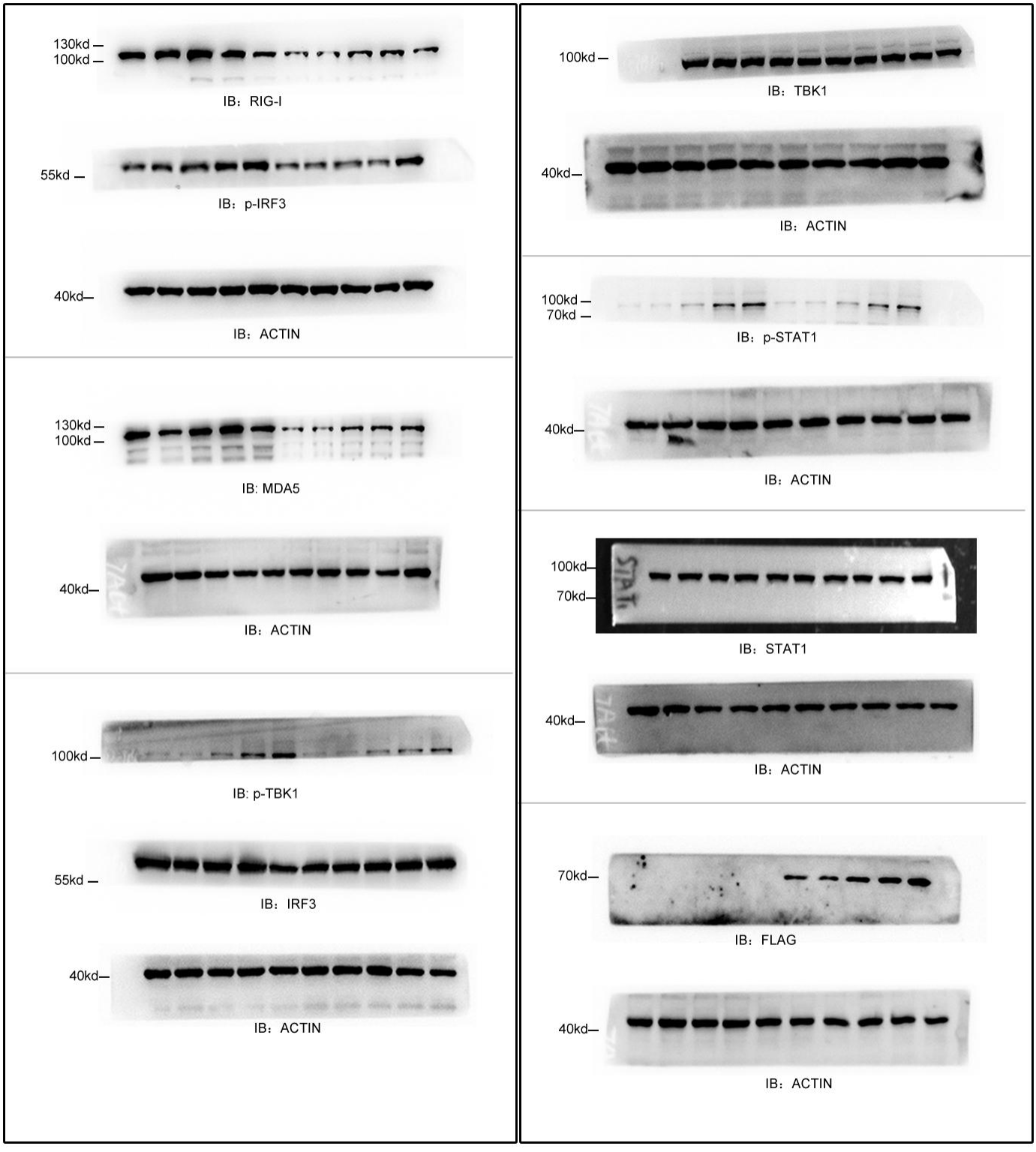
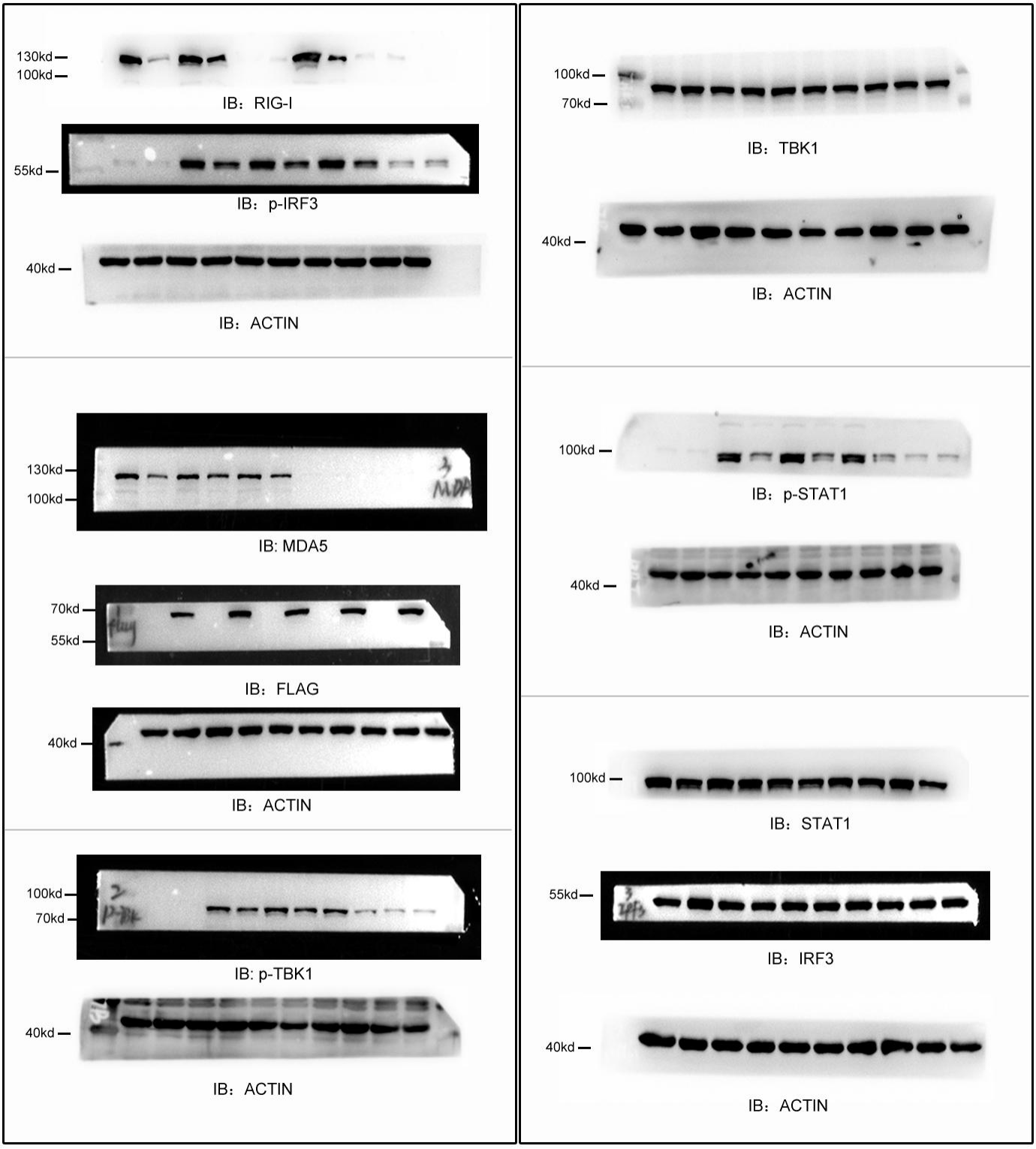
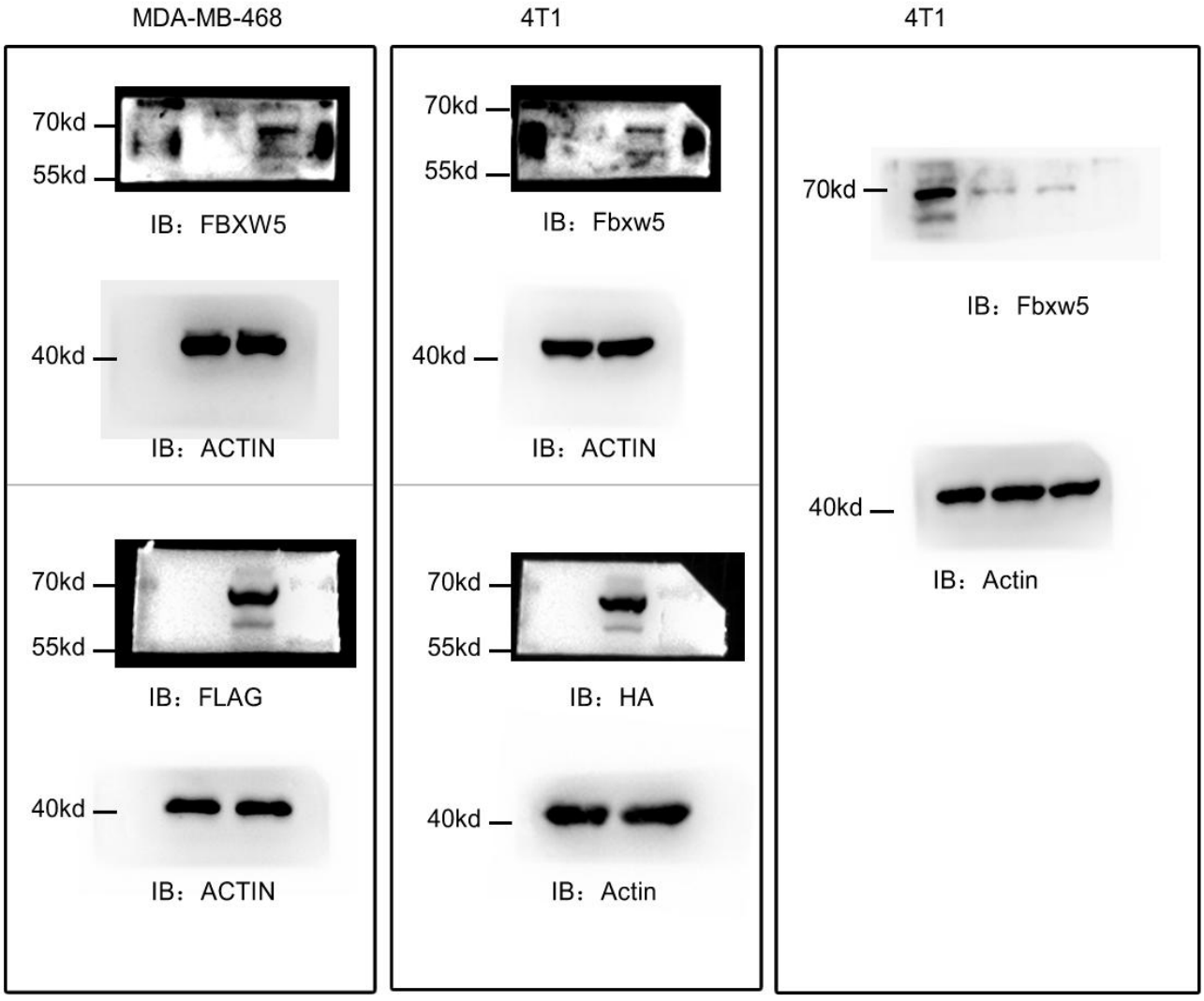

130kd
100kd
IB：RIG-I
55kd
IB：p-IRF3
40kd
IB：ACTIN
130kd
100kd
IB: MDA5
40kd
IB：ACTIN
100kd
IB: p-TBK1
55kd
IB：IRF3
40kd
IB：ACTIN
100kd
IB：TBK1
40kd
IB：ACTIN
100kd
70kd
IB：p-STAT1
40kd
IB：ACTIN
100kd
70kd
IB：STAT1
40kd
IB：ACTIN
70kd
IB：FLAG
40kd
IB：ACTIN

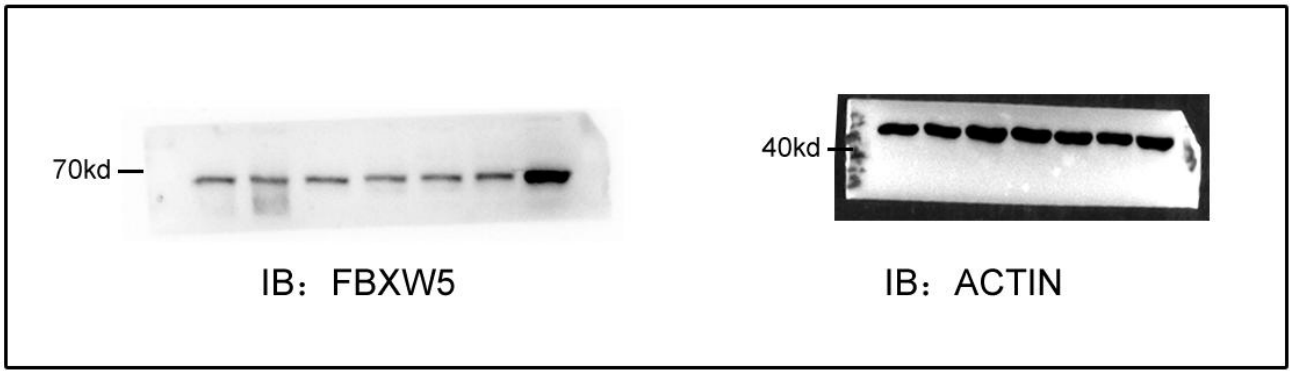
Figure 7B


130kd
100kd
IB：RIG-I
55kd
IB：p-IRF3
40kd
IB：ACTIN
100kd
70kd
IB：TBK1
40kd
IB：ACTIN
130kd
100kd
IB: MDA5
70kd
55kd
IB：FLAG
40kd
IB：ACTIN
100kd
IB：p-STAT1
40kd
IB：ACTIN
100kd
70kd
IB: p-TBK1
40kd
IB：ACTIN
100kd
IB：STAT1
55kd
IB：IRF3
40kd
IB：ACTIN

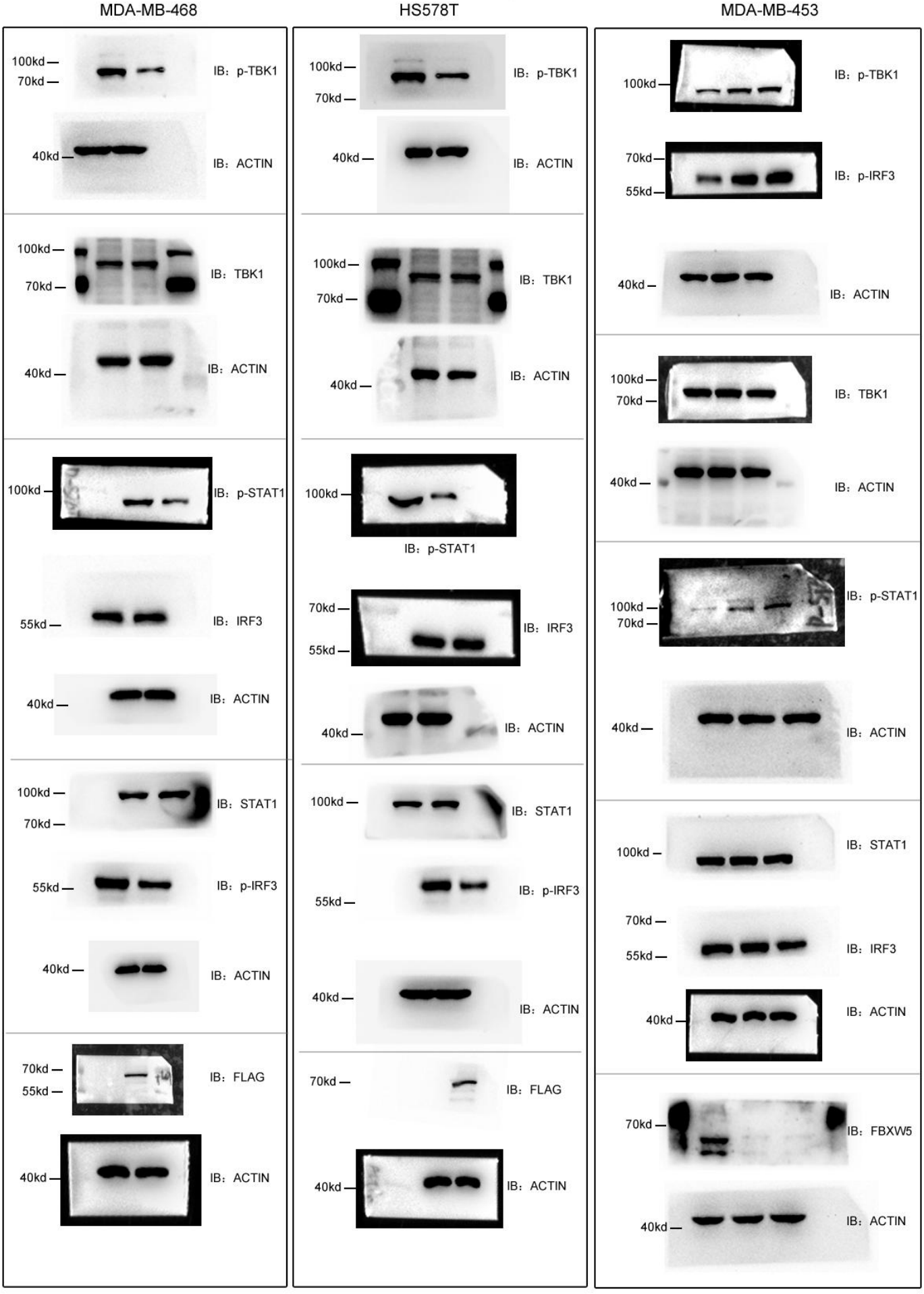
Supplementary Figure 2A



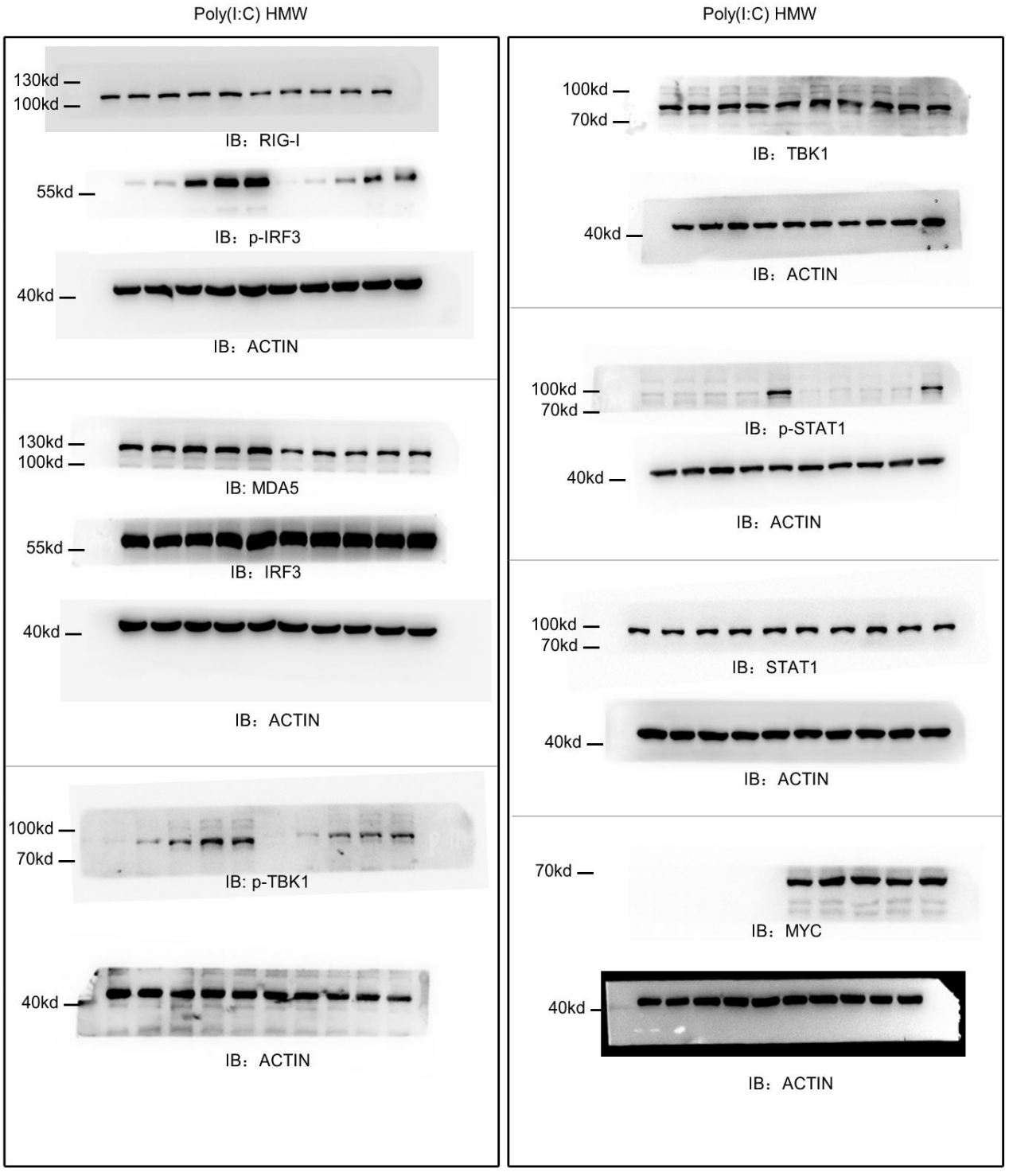
Supplementary Figure 4F



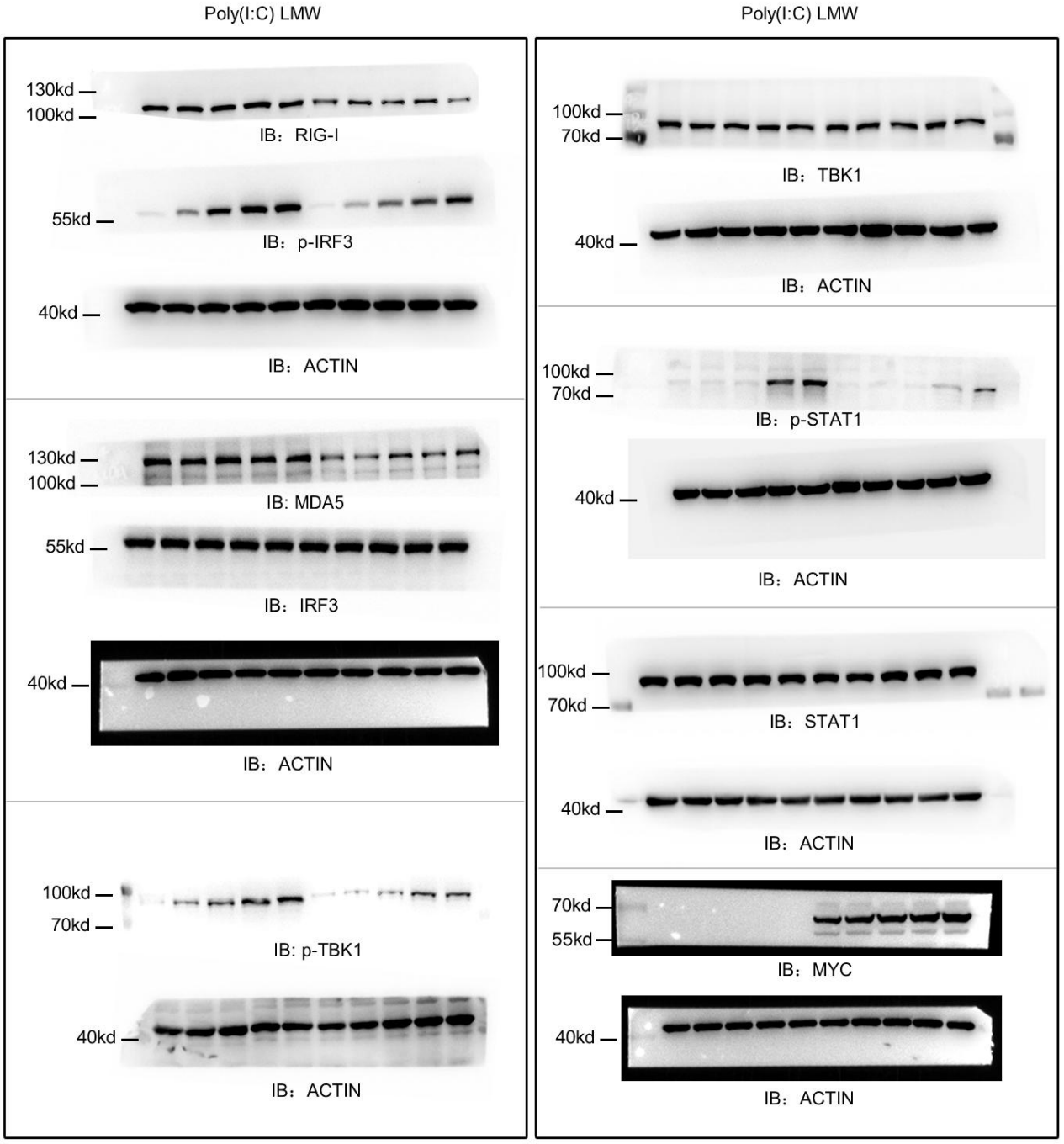
Supplementary Figure 5A



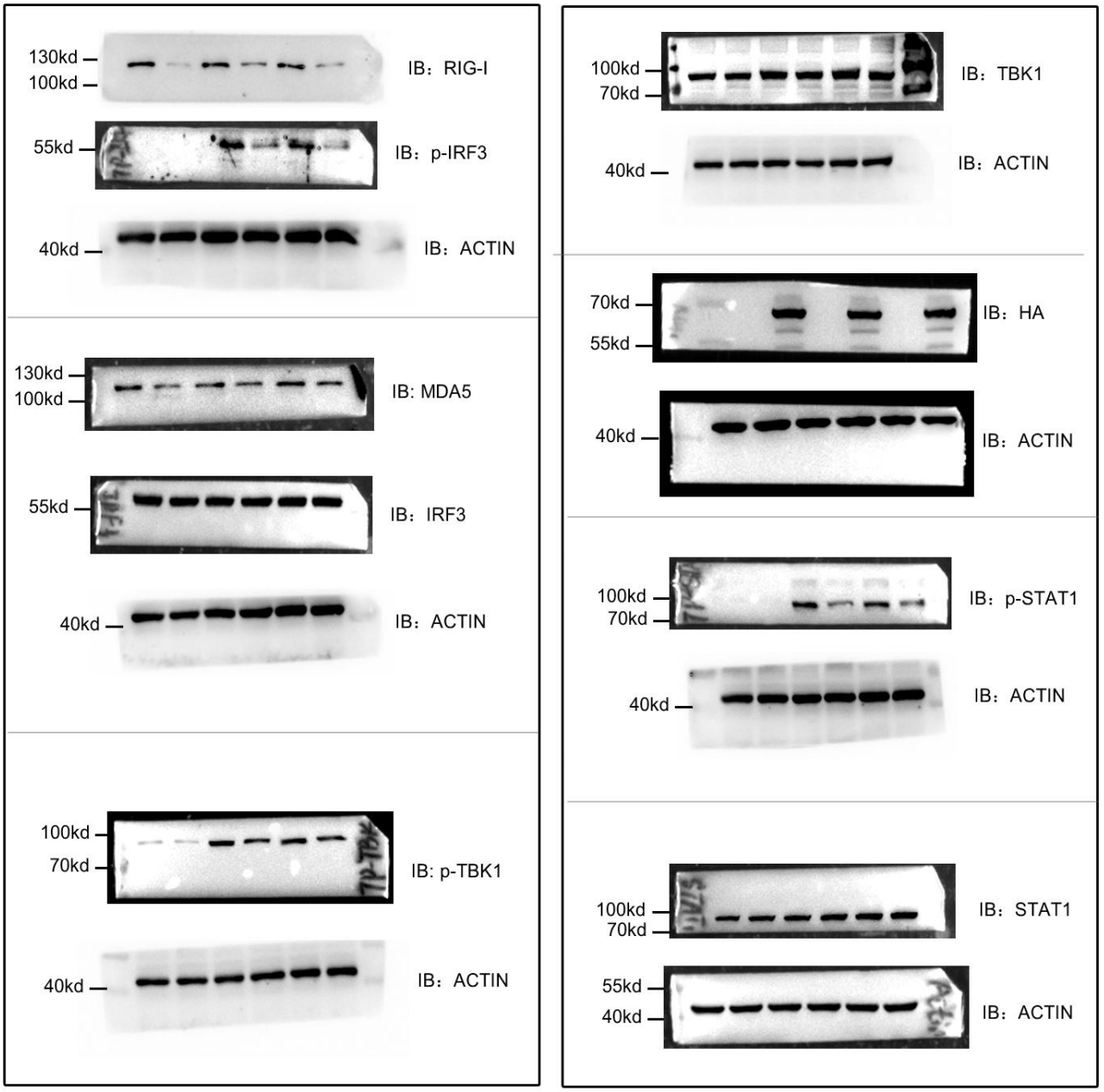
Supplementary Figure 5H



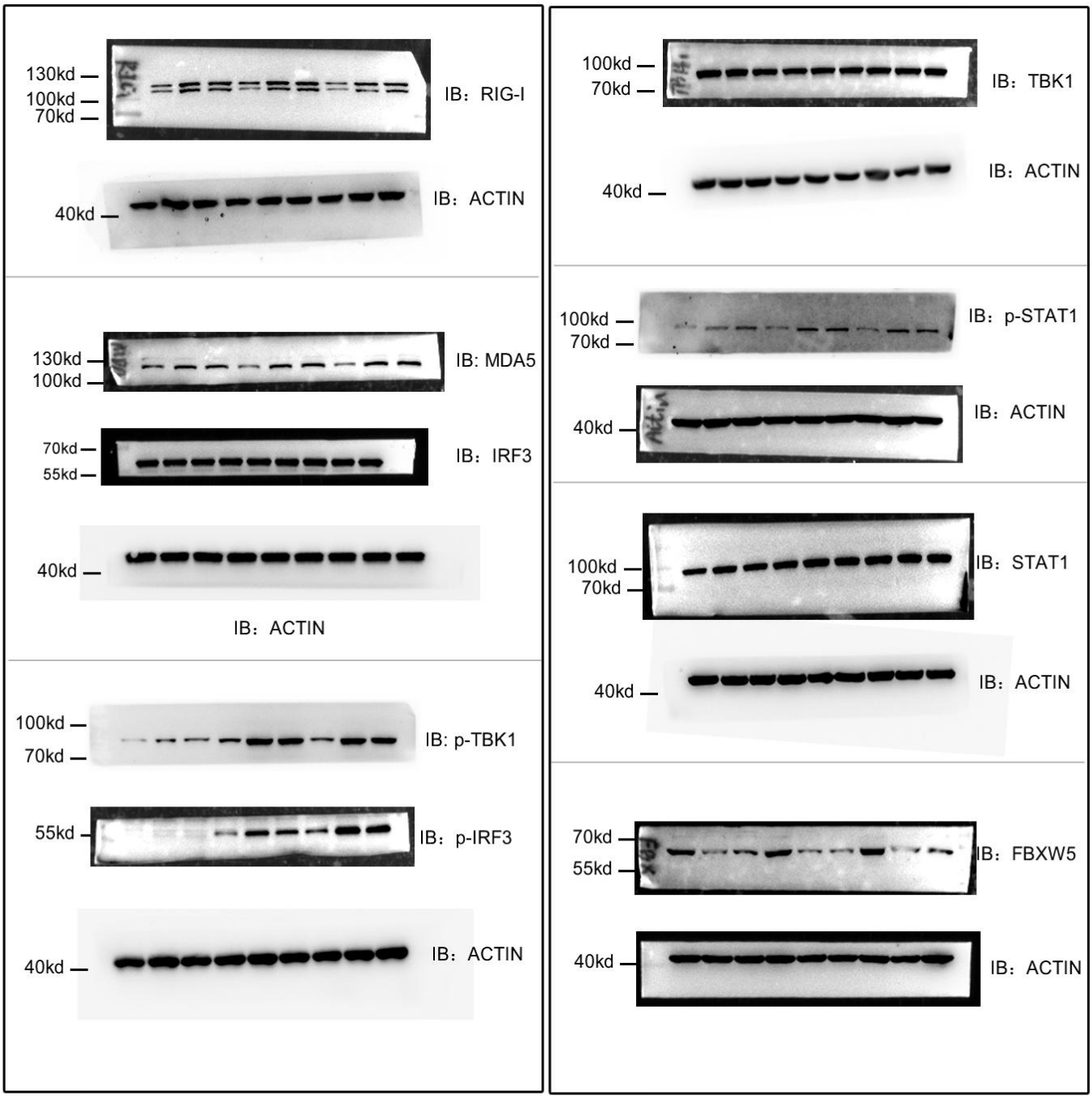
Supplementary Figure 5I



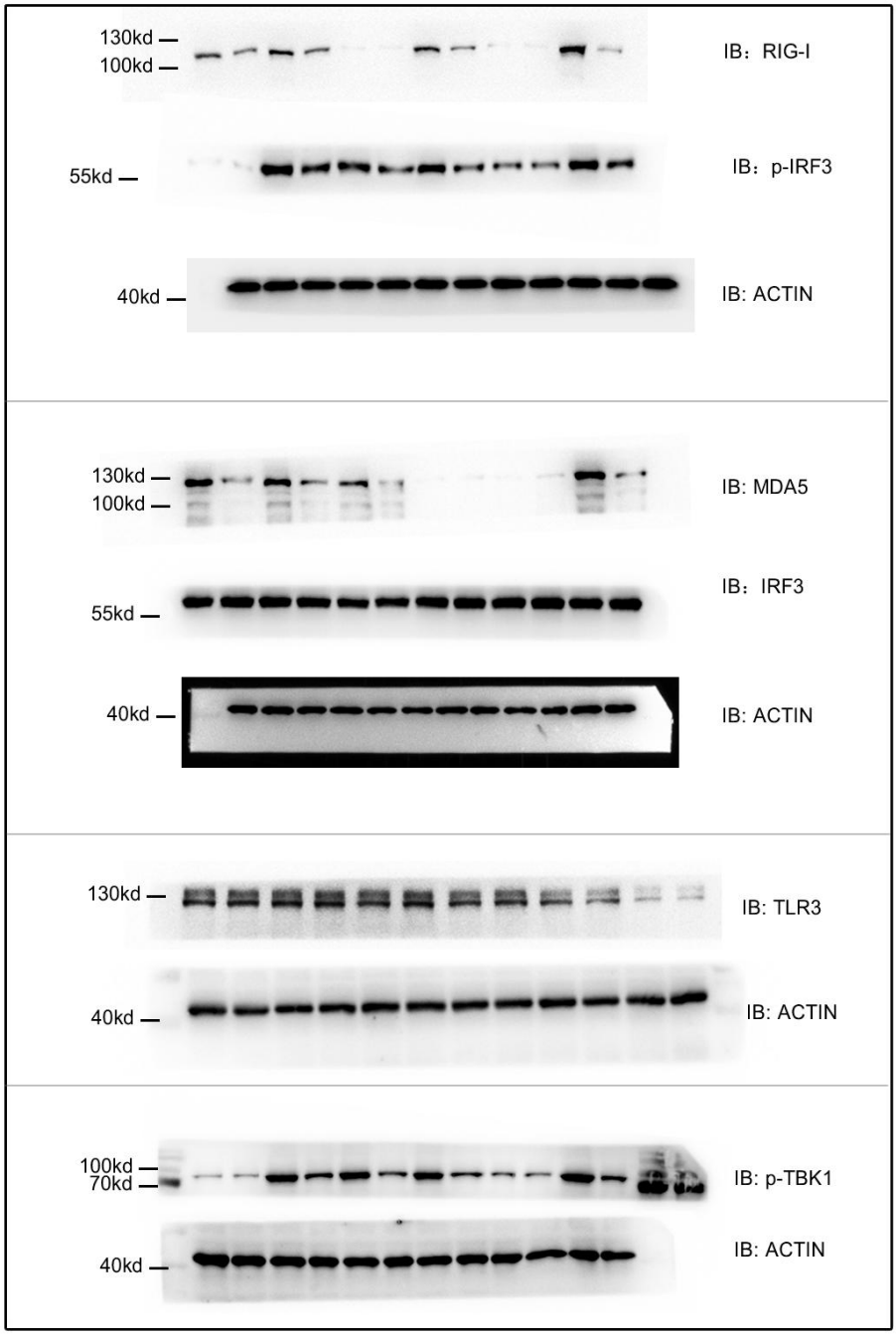
Supplementary Figure 5J



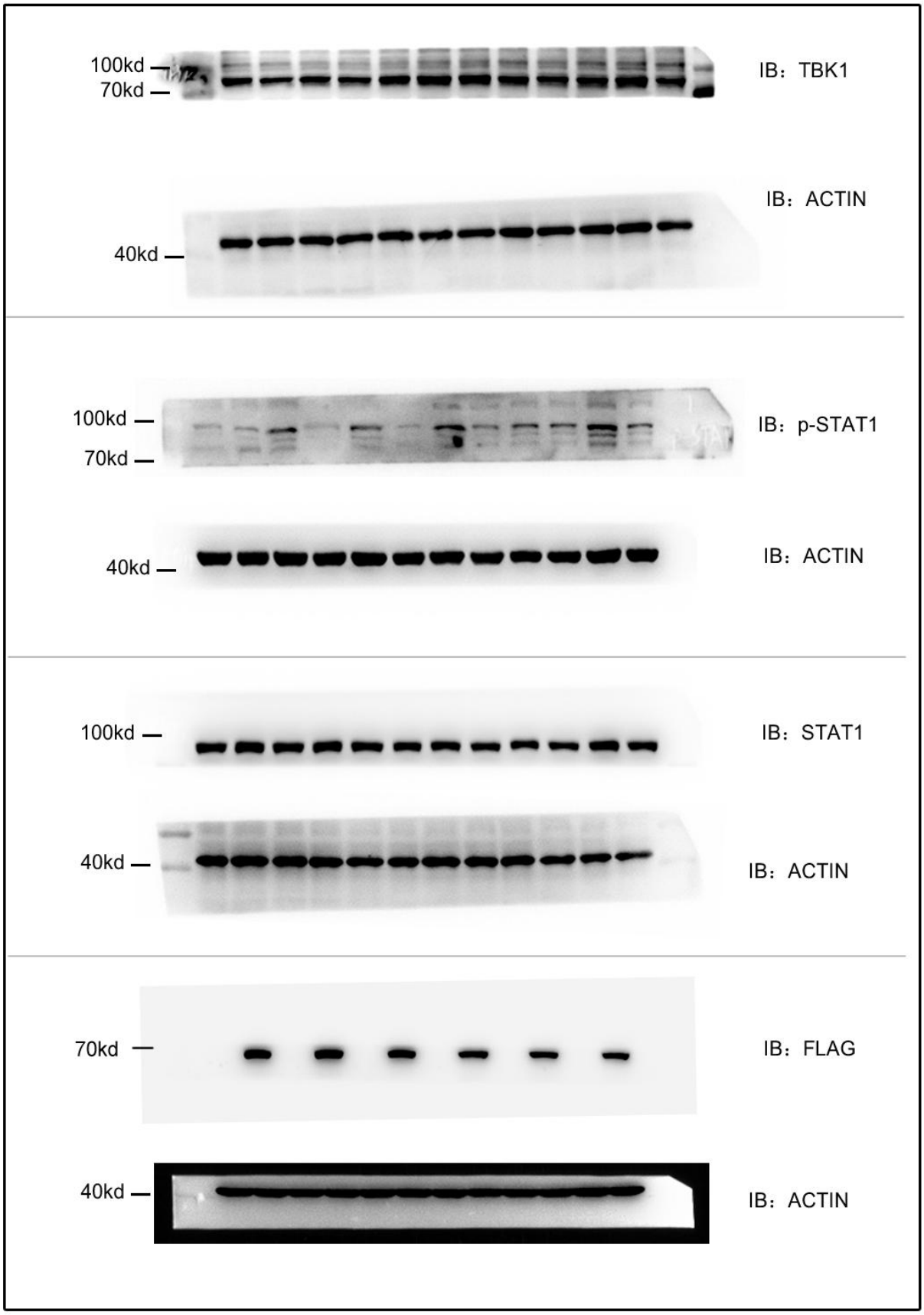
Supplementary Figure 5K



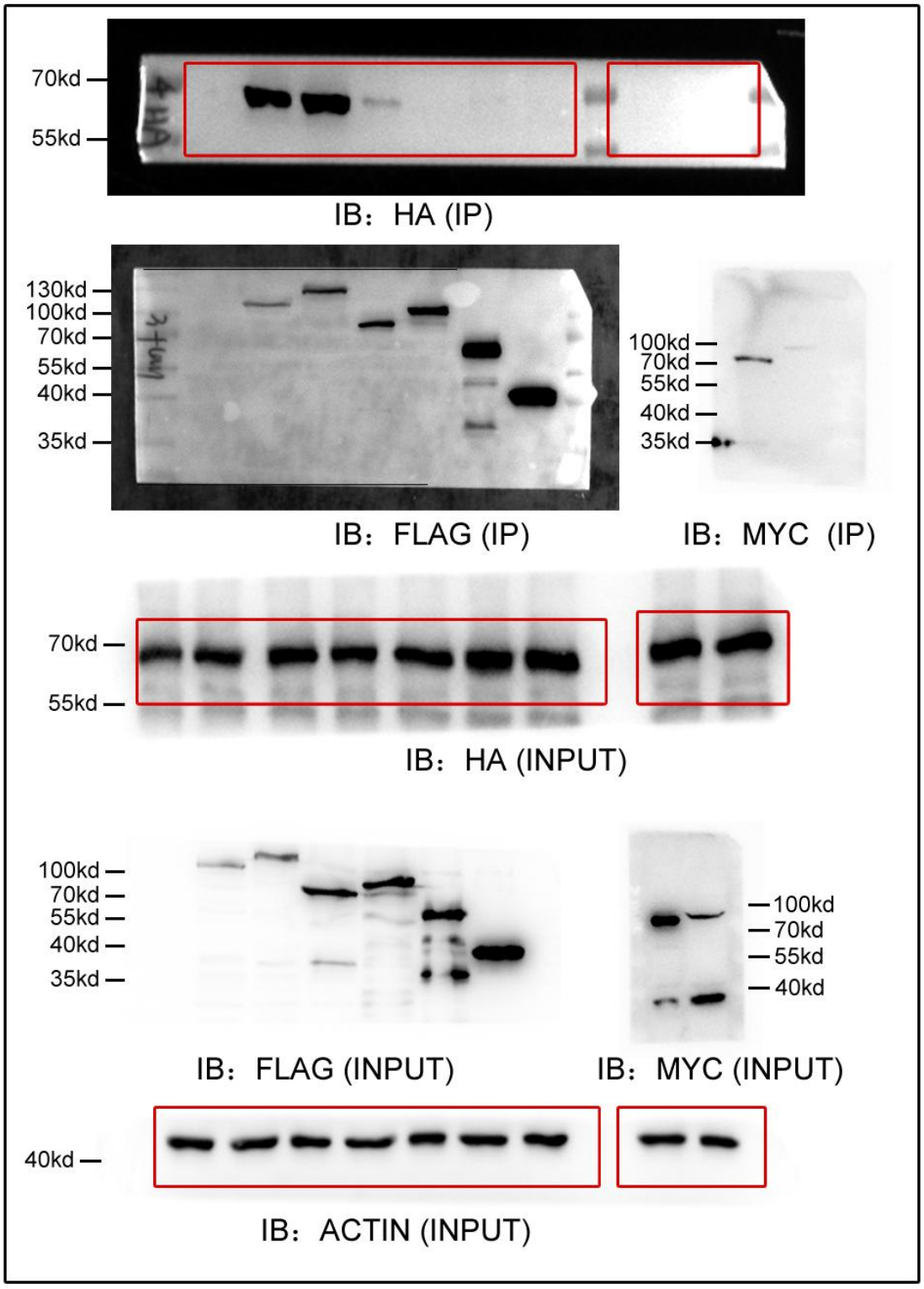
Supplementary Figure 7A



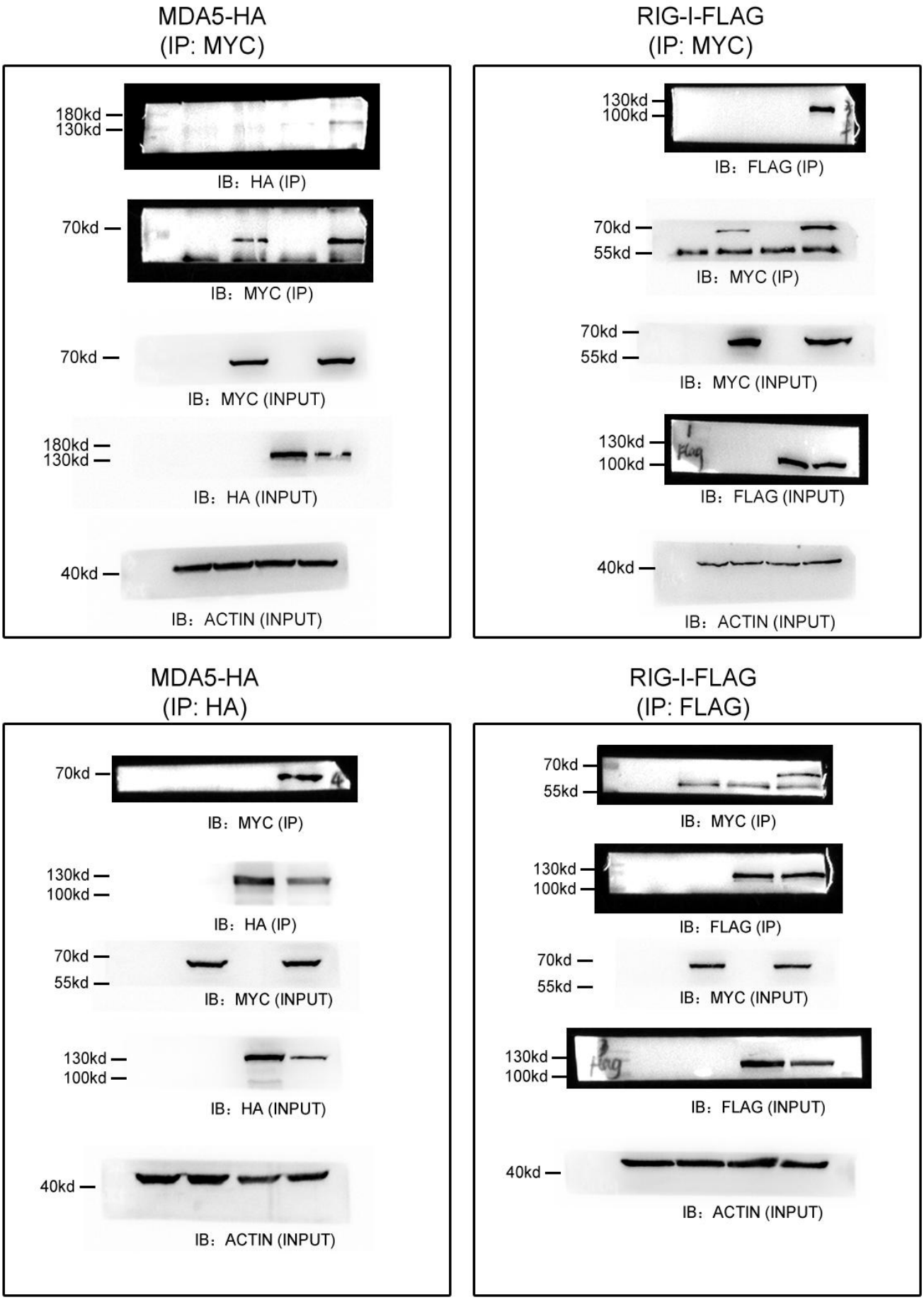
Supplementary Figure 7A



Supplementary Figure 7D

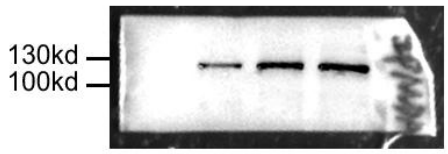


Supplementary Figure 7F

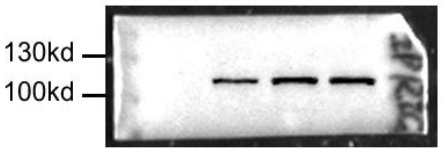


Supplementary Figure 7G

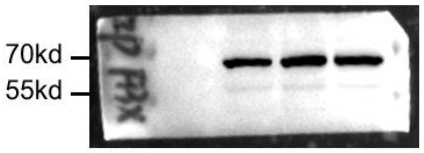
BT549



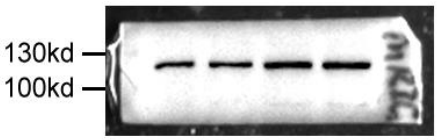
IB：MDA5 (IP)



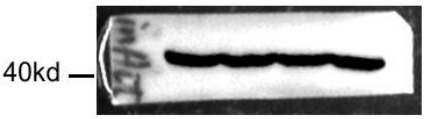
IB：RIG-I (IP)



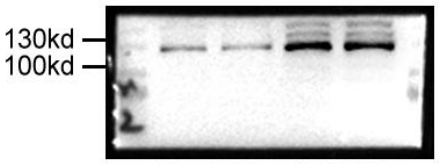
IB：FBXW5 (IP)



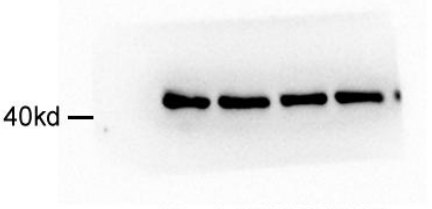
IB：RIG-I (INPUT)



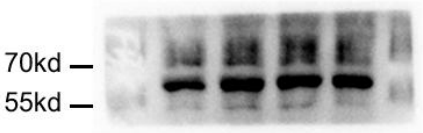
IB：ACTIN (INPUT)



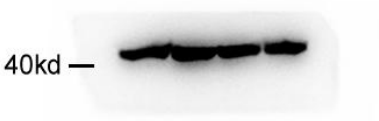
IB：MDA5 (INPUT)



IB：ACTIN (INPUT)



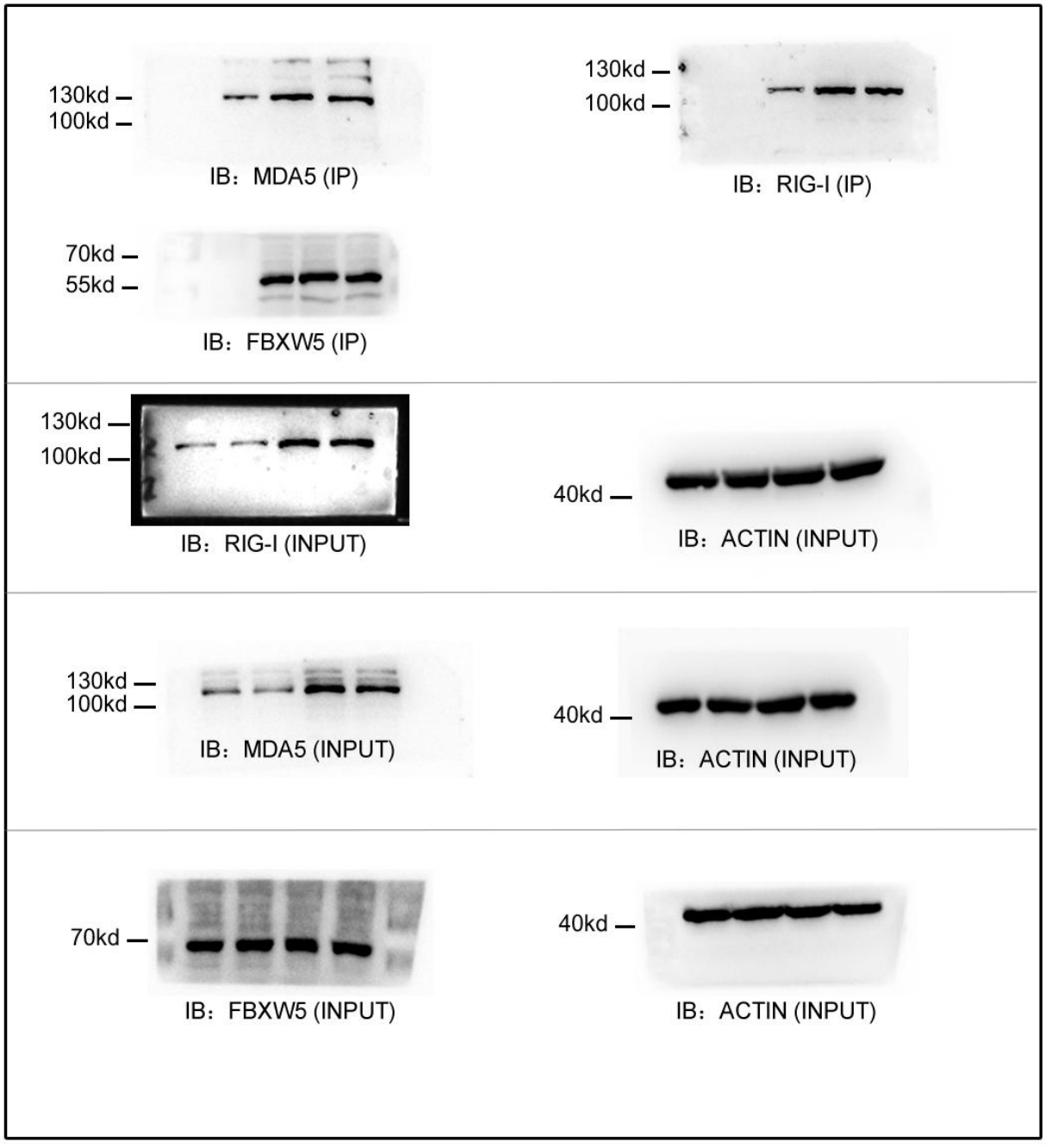
IB：FBXW5 (INPUT)



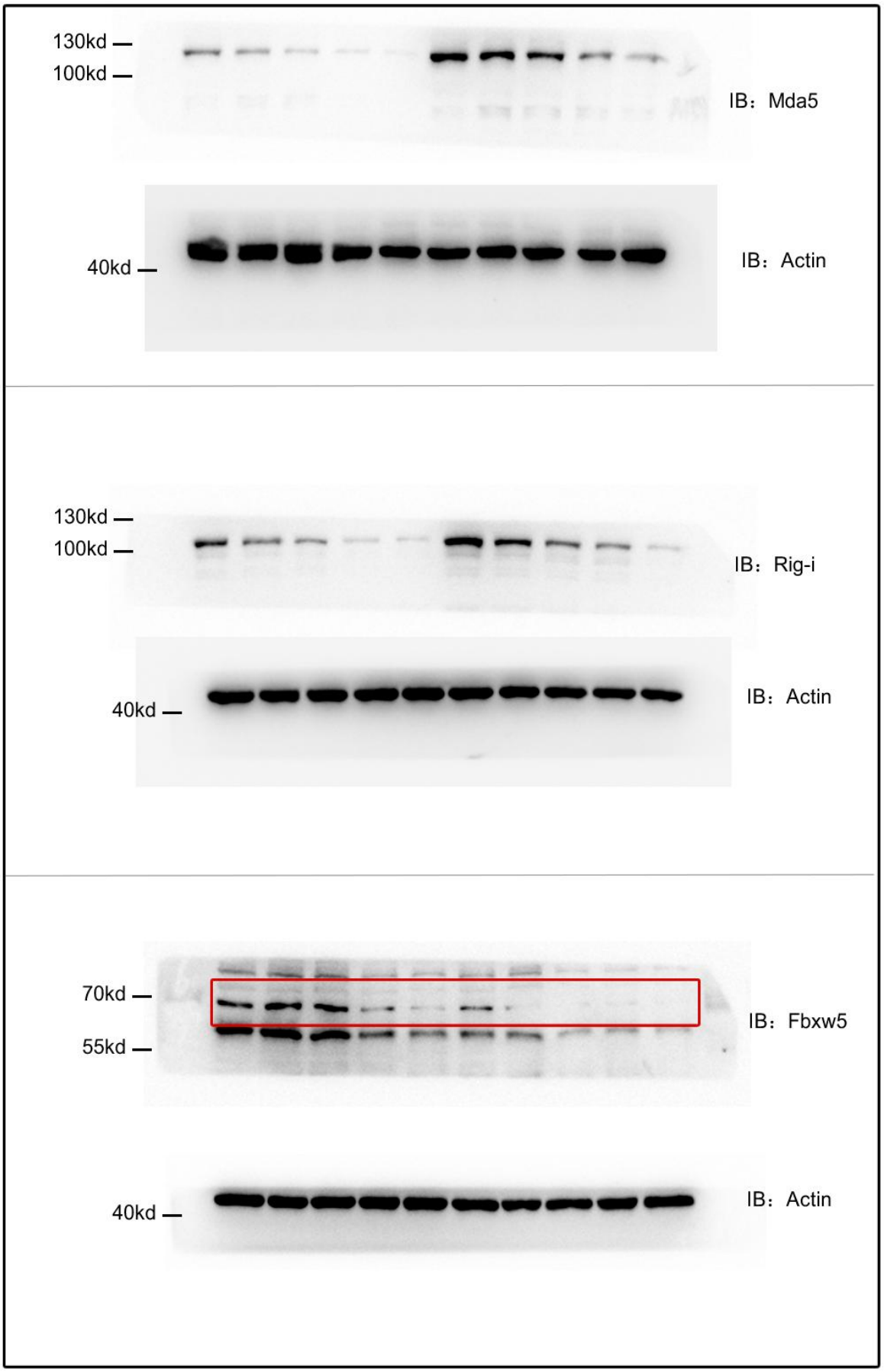
IB：ACTIN (INPUT)

Supplementary Figure 7G

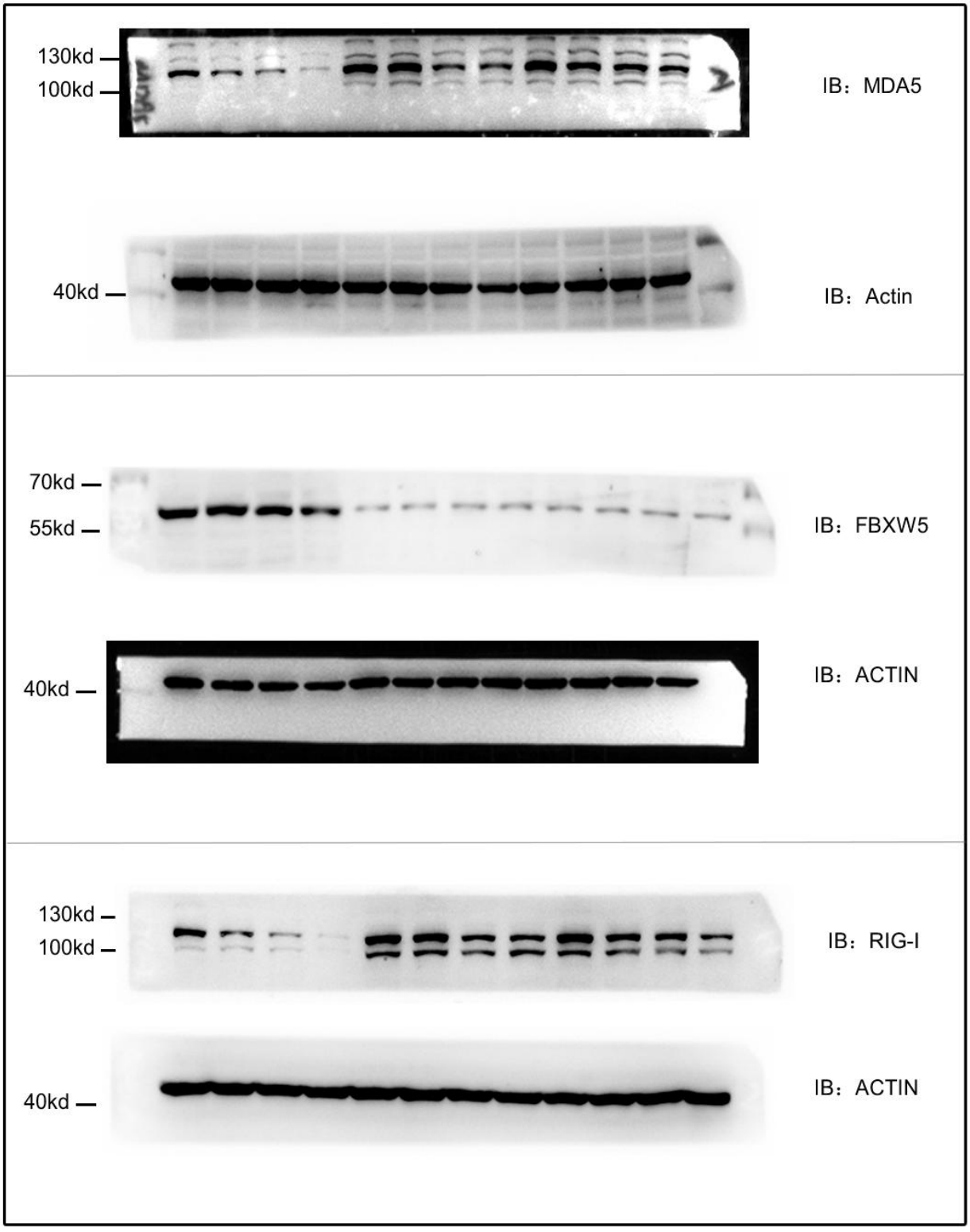
MDA-MB-453



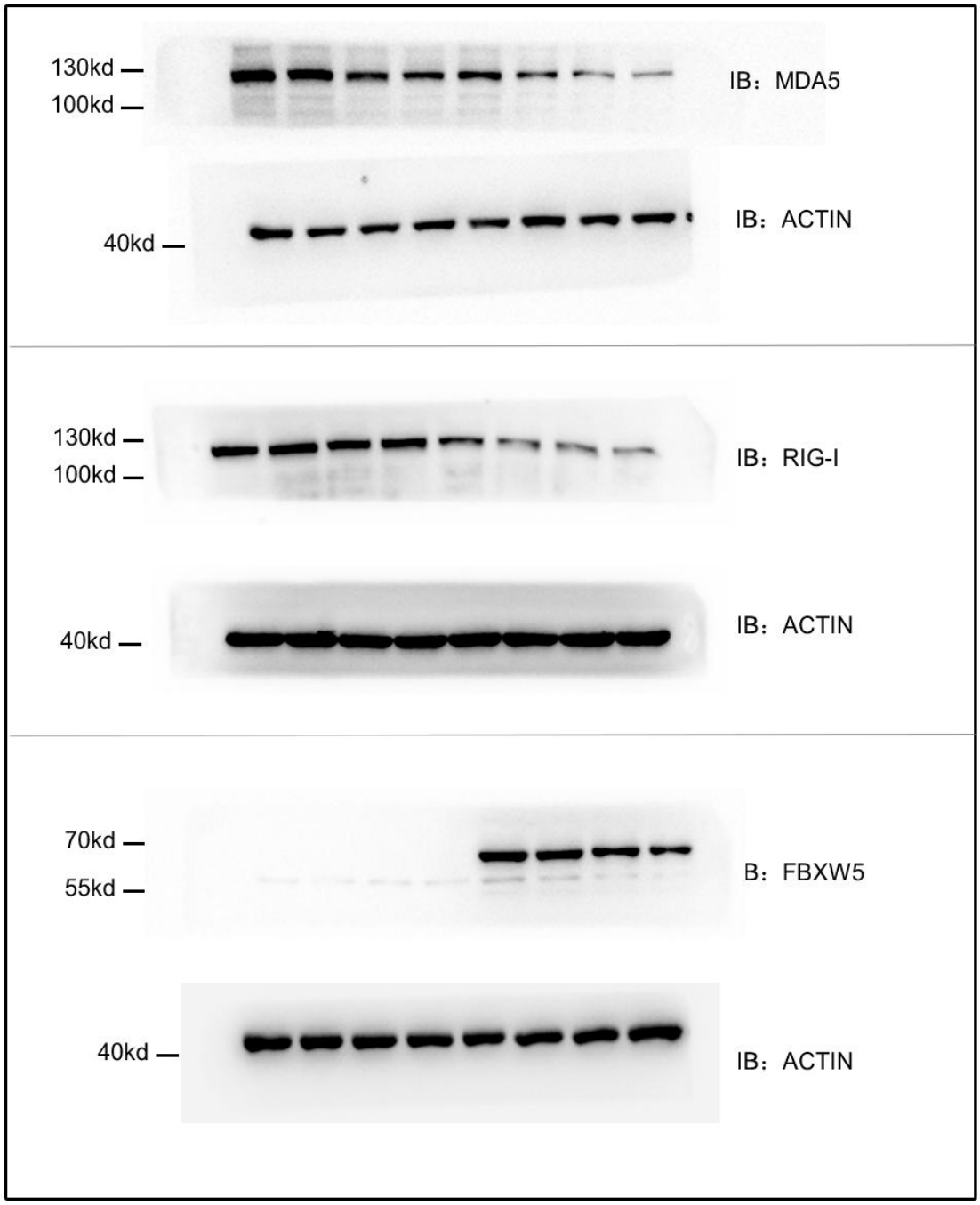
Supplementary Figure 8A



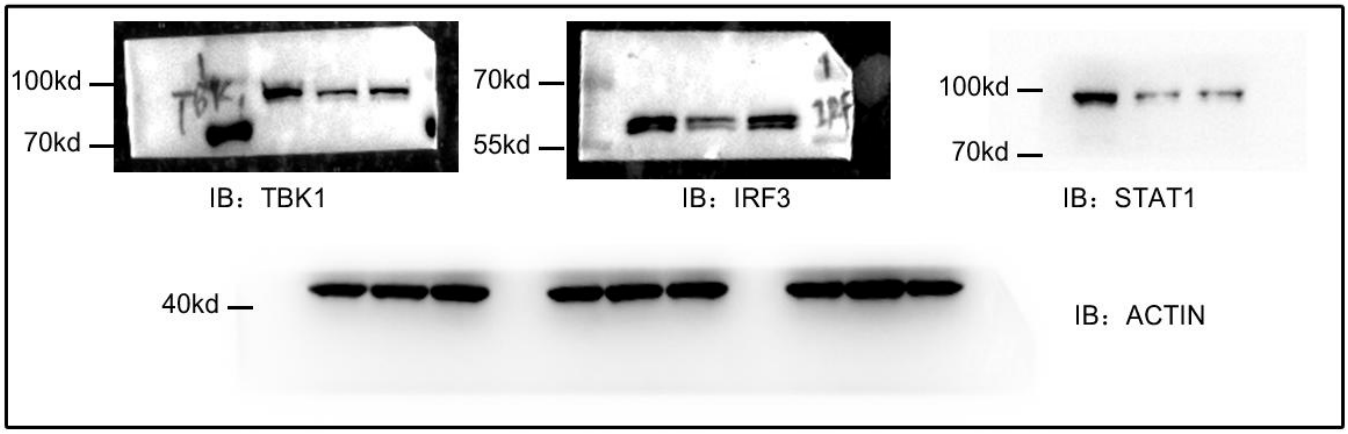
Supplementary Figure 8B



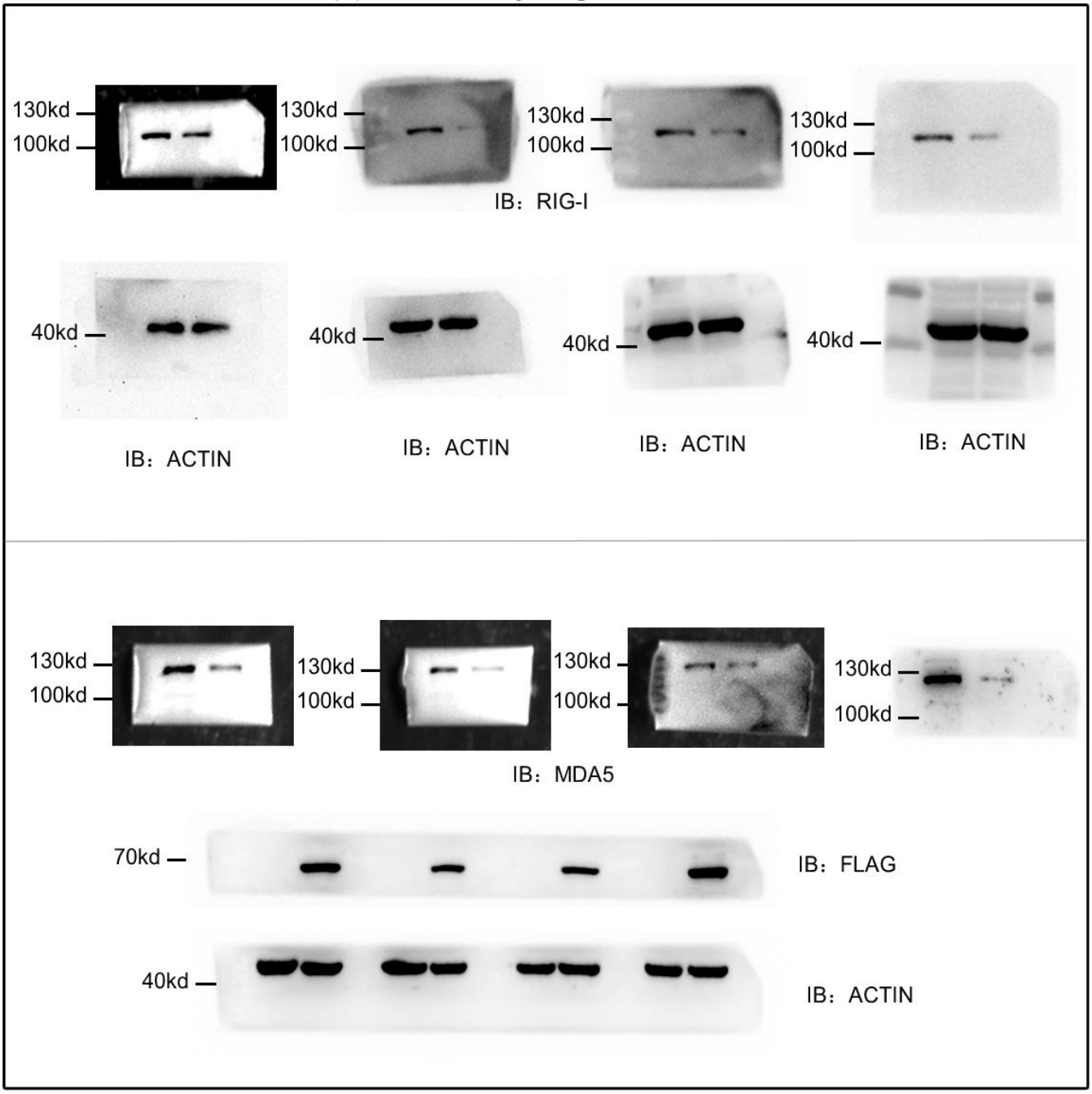
Supplementary Figure 8C



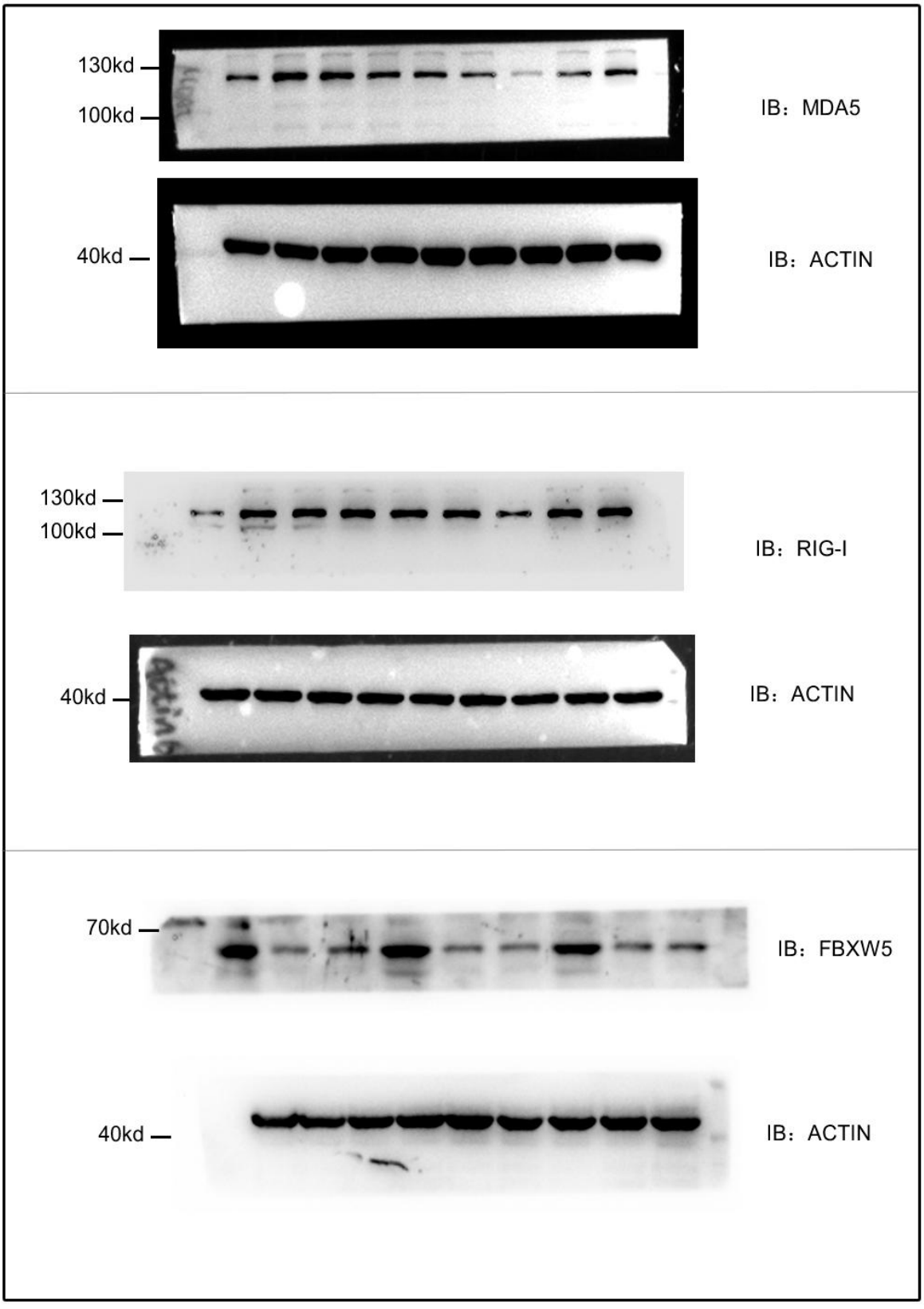
Supplementary Figure 8D



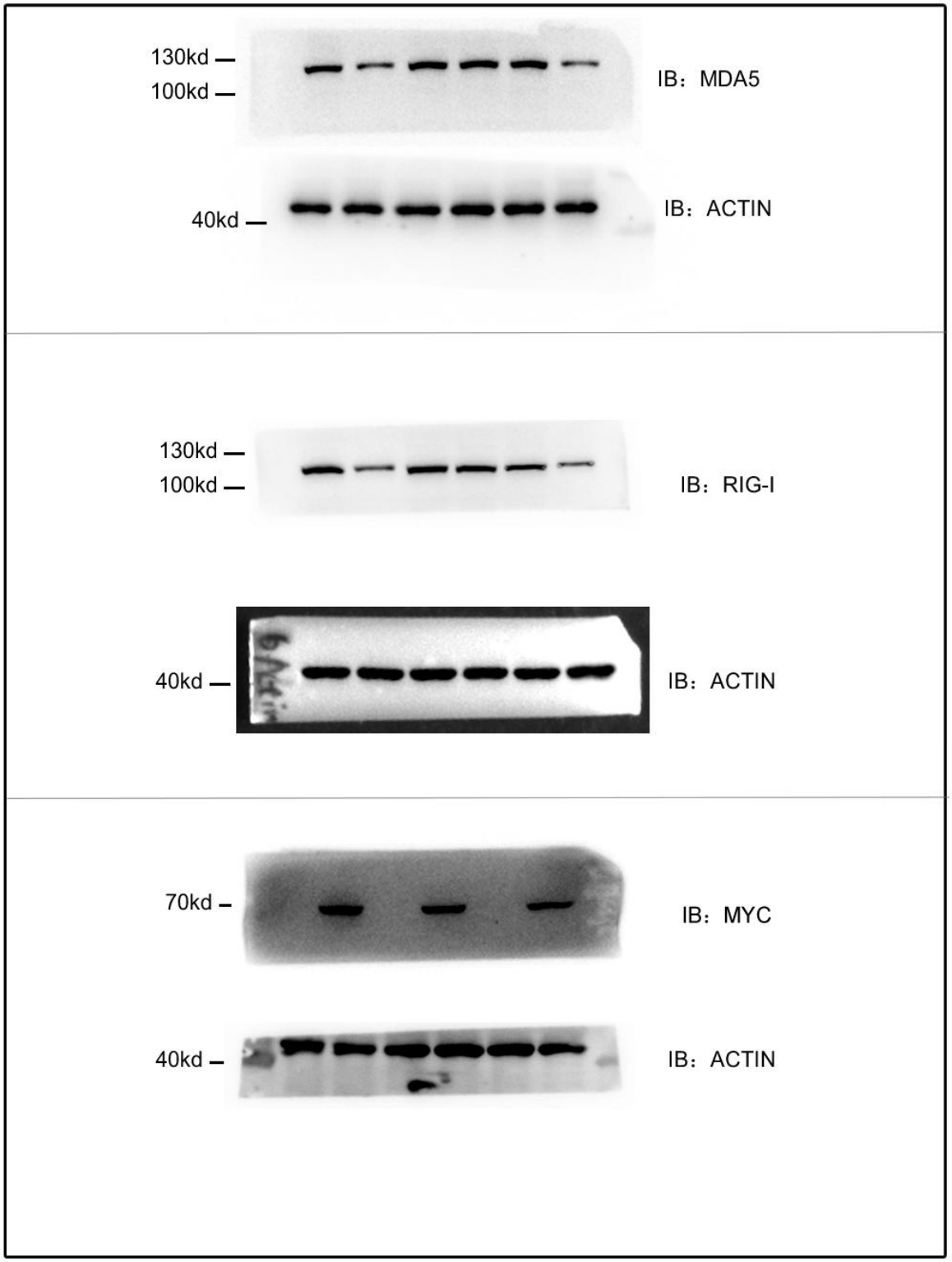
Supplementary Figure 8E



Supplementary Figure 8H

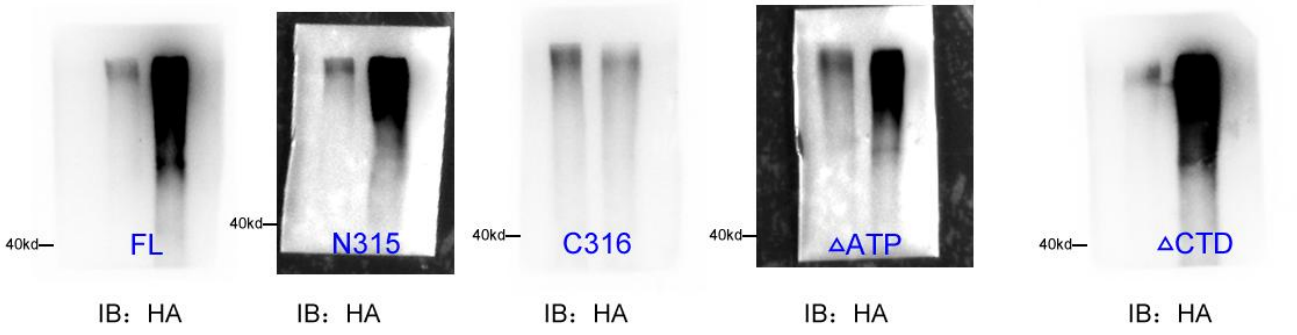


Supplementary Figure 8G

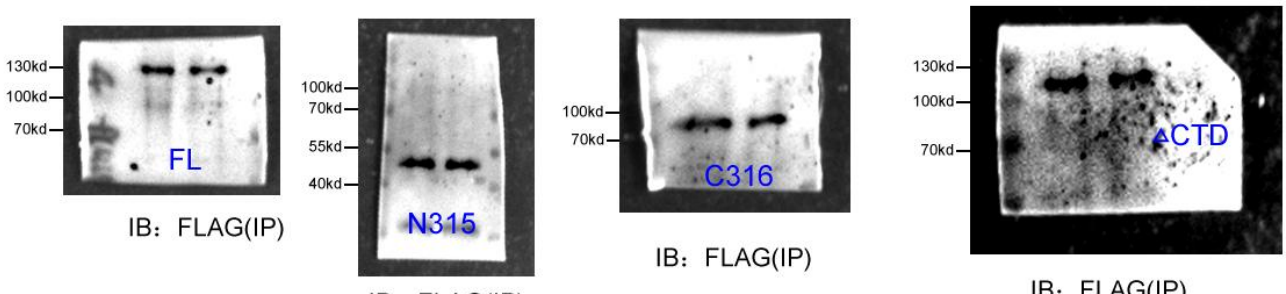


Supplementary Figure 9A

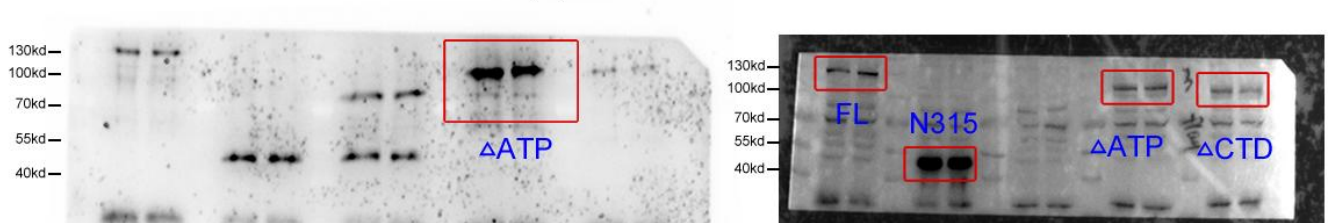
MDA5-FLAG



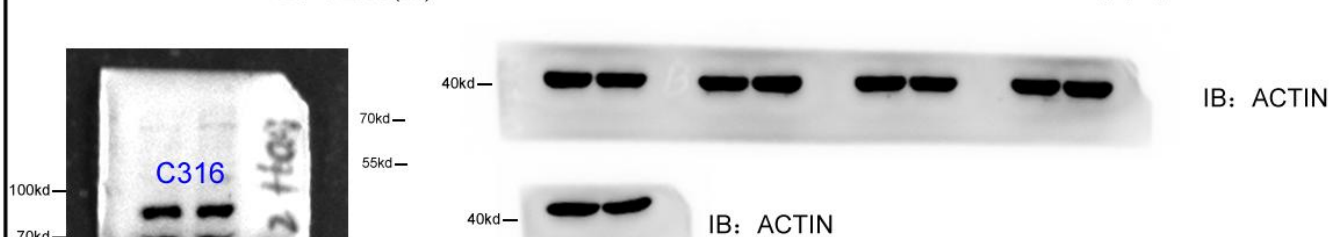
IB：HA　IB：HA　IB：HA　IB：HA　IB：HA



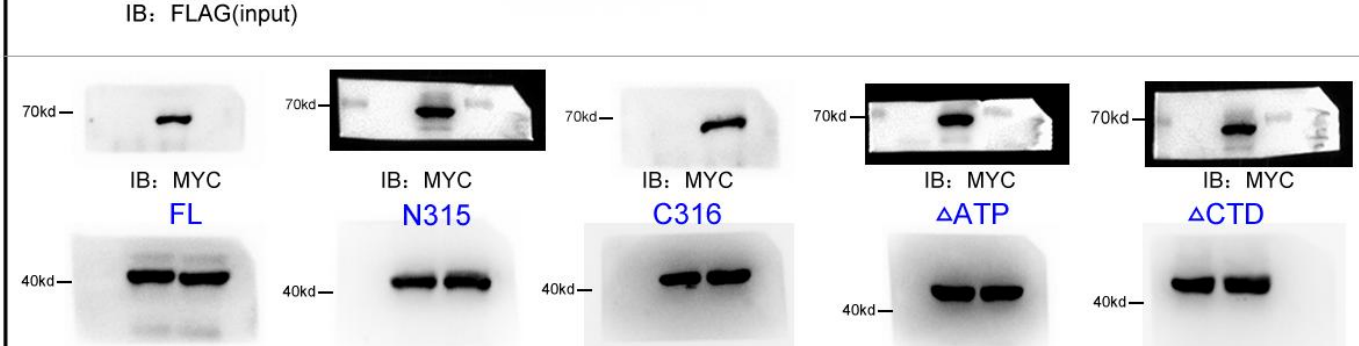
IB：FLAG(IP)　IB：FLAG(IP)　IB：FLAG(IP)　IB：FLAG(IP)



IB：FLAG(IP)　IB：FLAG(input)



IB：FLAG(input)　IB：ACTIN　IB：ACTIN

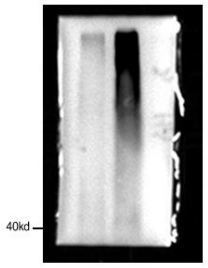


IB：MYC　IB：MYC　IB：MYC　IB：MYC　IB：MYC

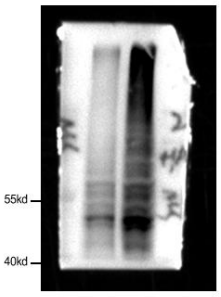
IB：ACTIN　IB：ACTIN　IB：ACTIN　IB：ACTIN　IB：ACTIN

Supplementary Figure 9A

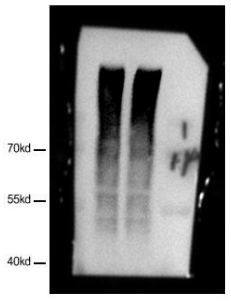
RIG-I-FLAG

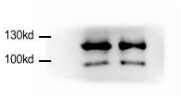


IB：HA

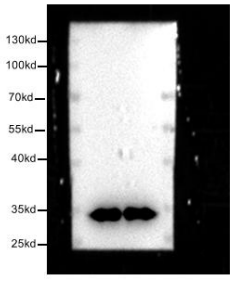


IB：HA

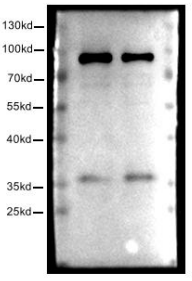




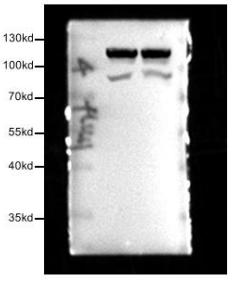
IB：FLAG(IP)



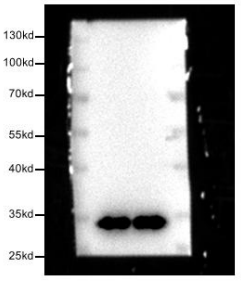
IB：FLAG(IP)



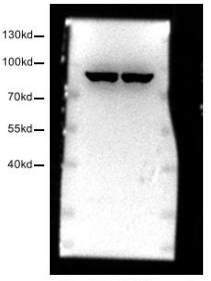
IB：FLAG(IP)



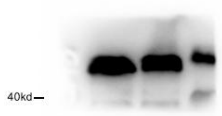
IB：FLAG(input)



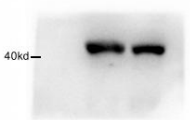
IB：FLAG(input)



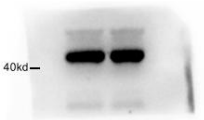
IB：FLAG(input)



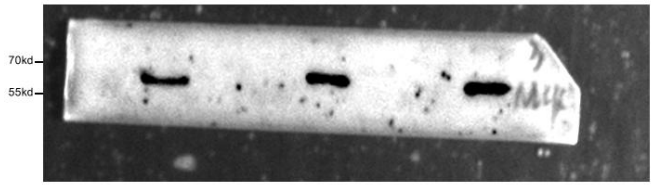
IB：ACTIN



IB：ACTIN



IB：ACTIN



IB：MYC

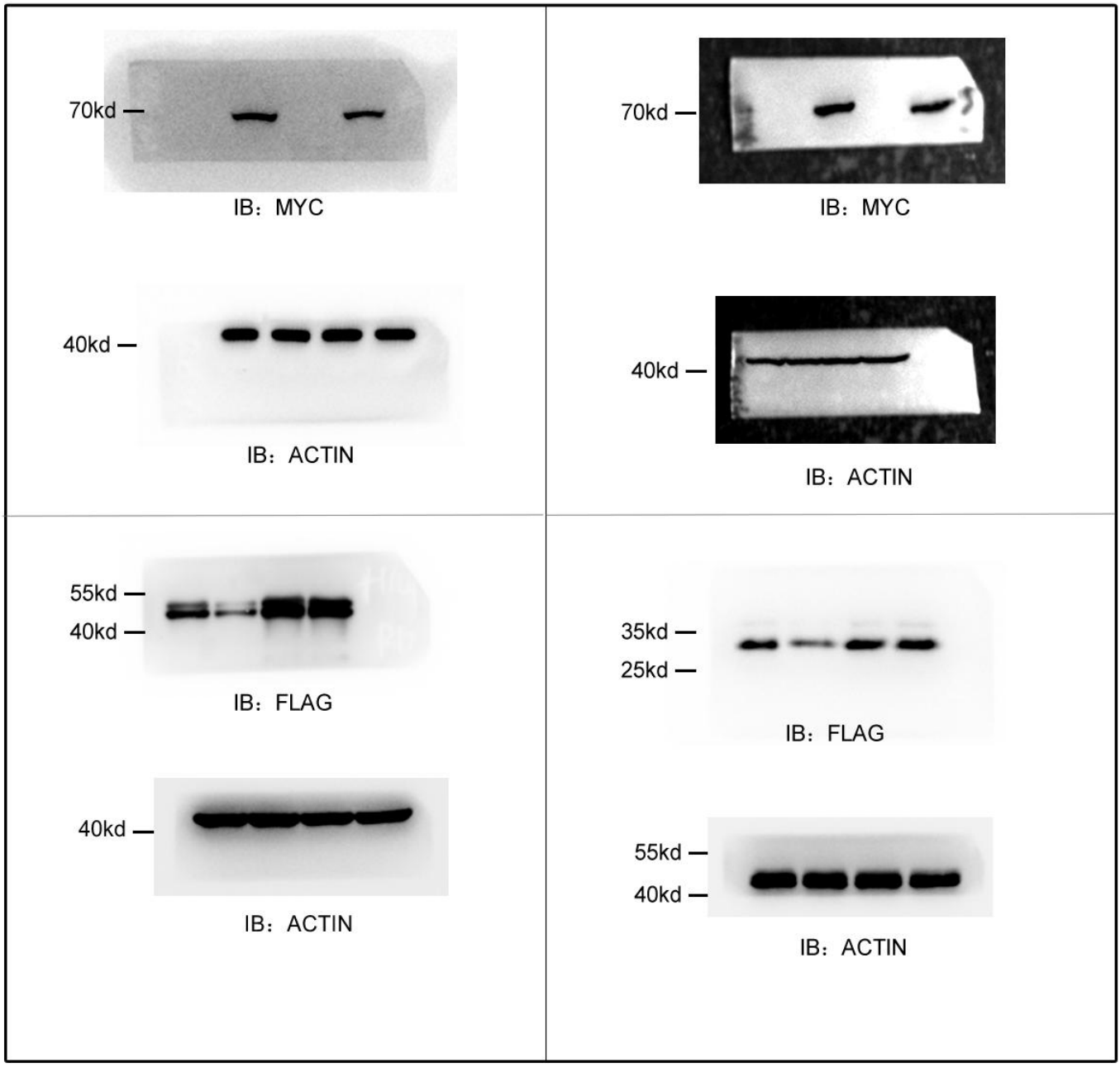


IB：ACTIN



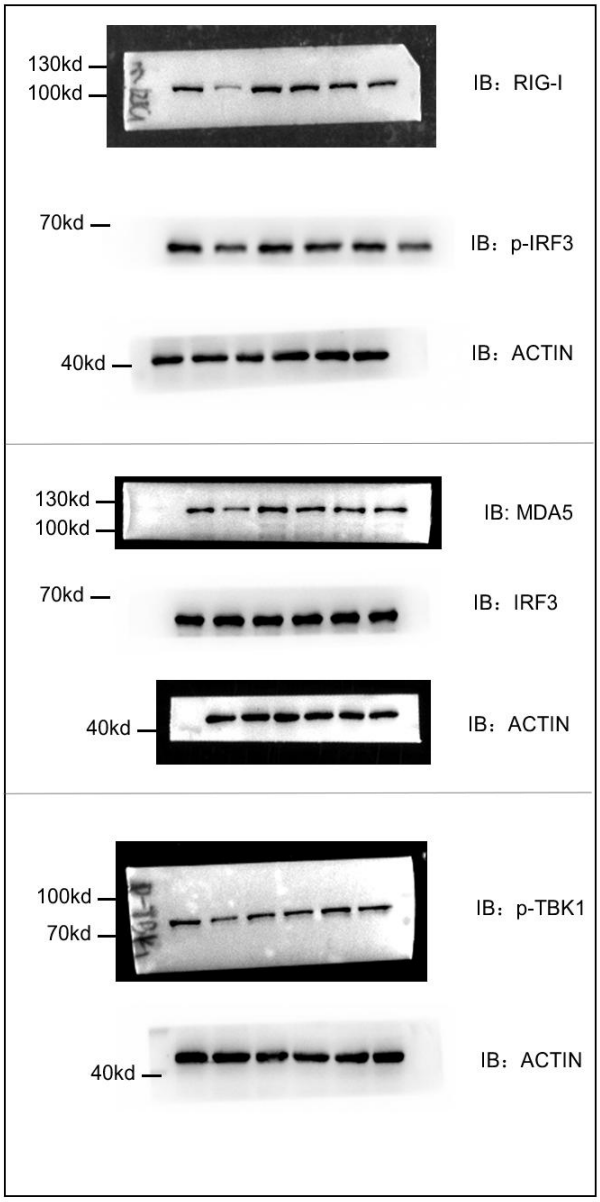
IB：ACTIN

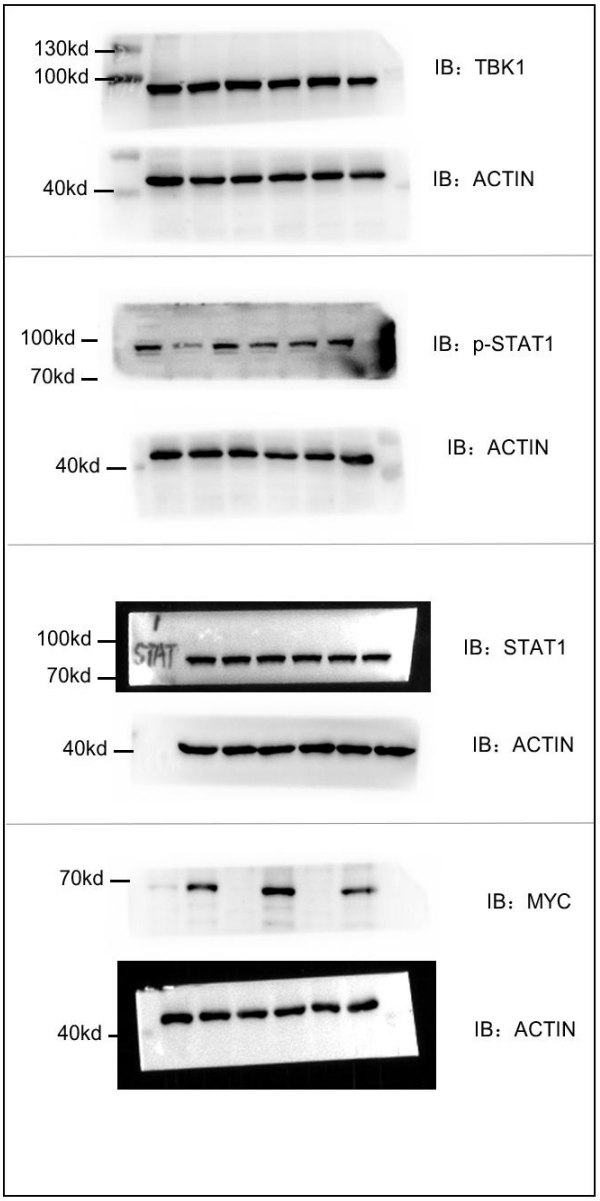
Supplementary Figure 9B



Supplementary Figure 9F

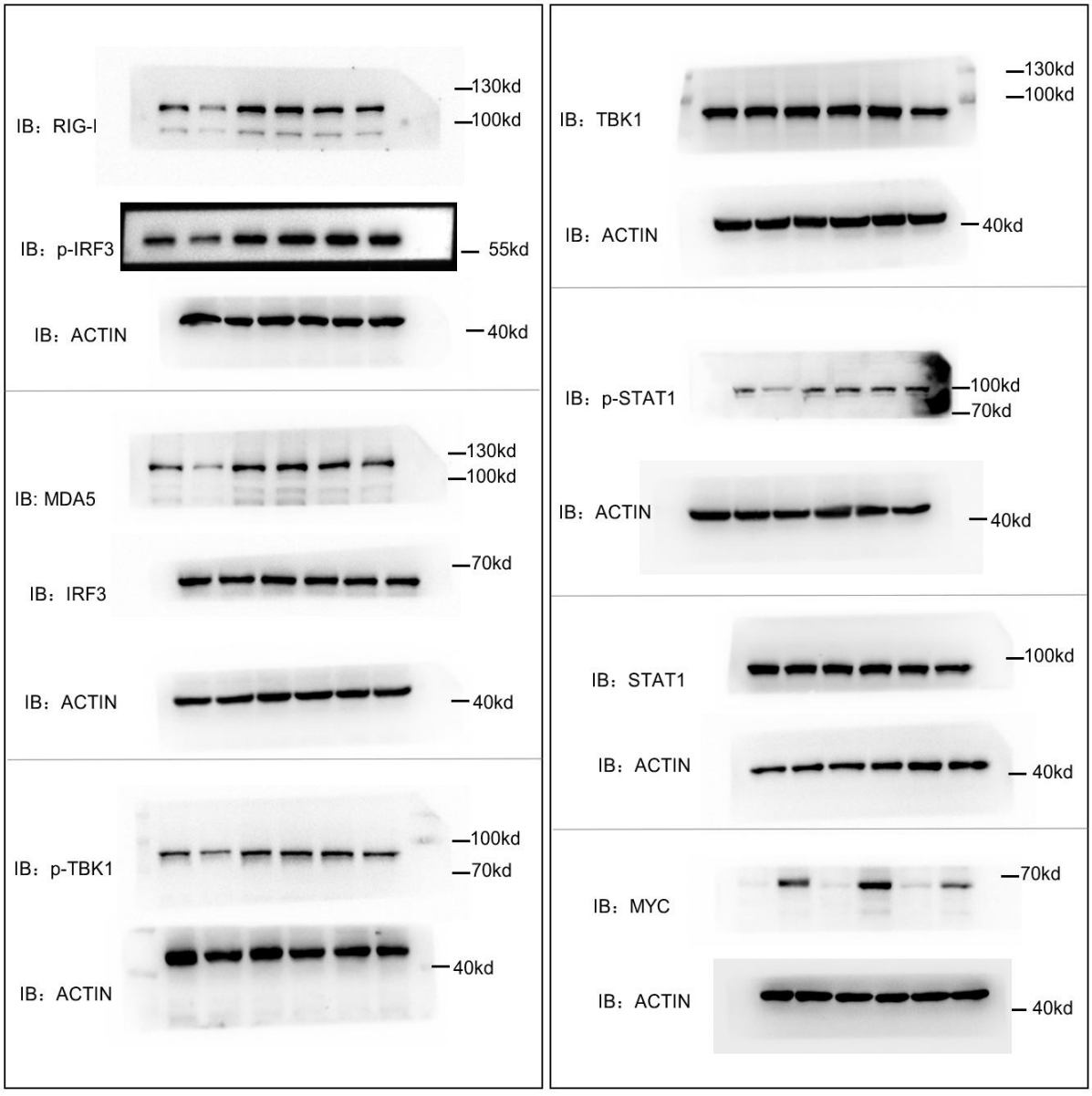
siRBX1



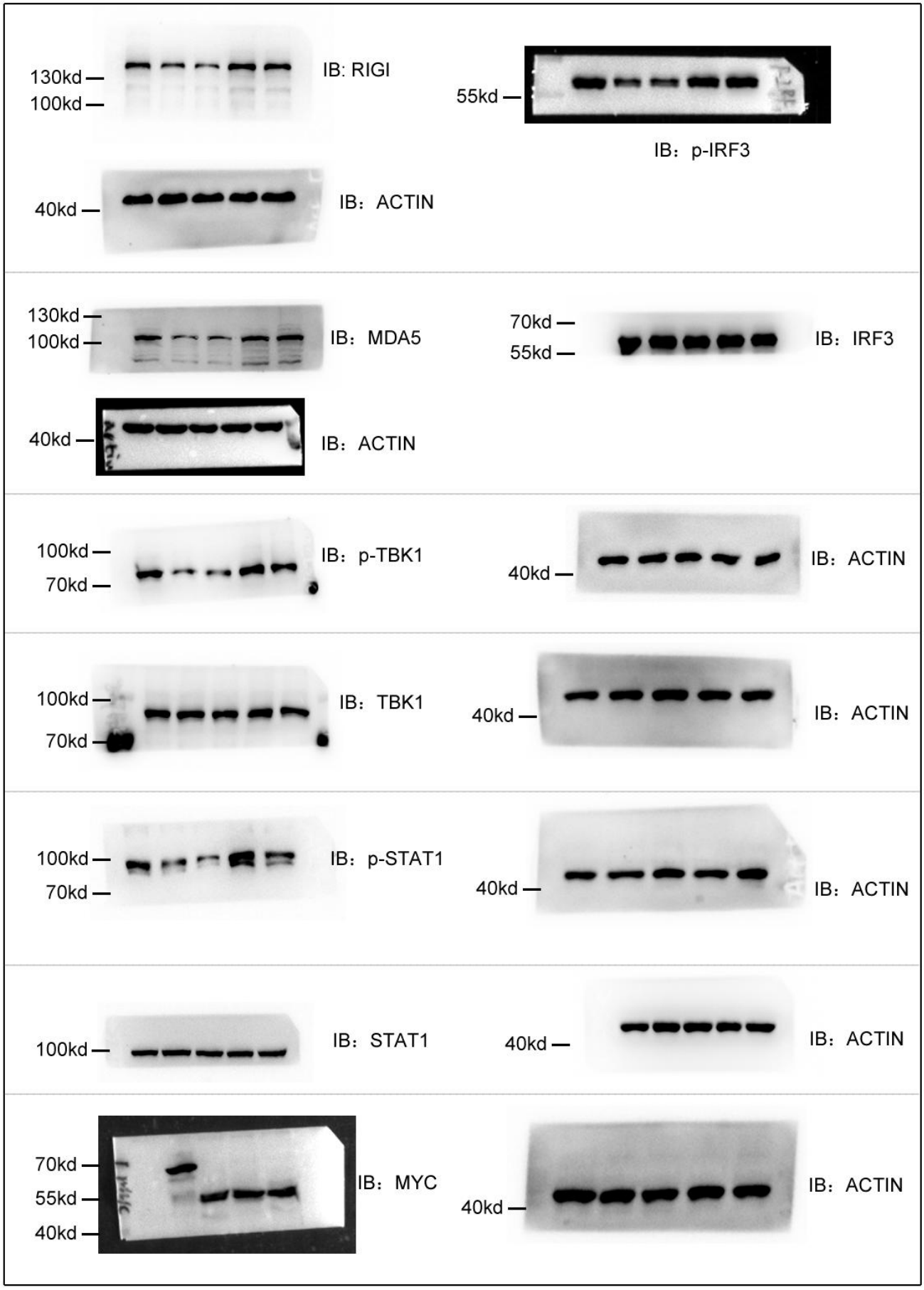


Supplementary Figure 9F

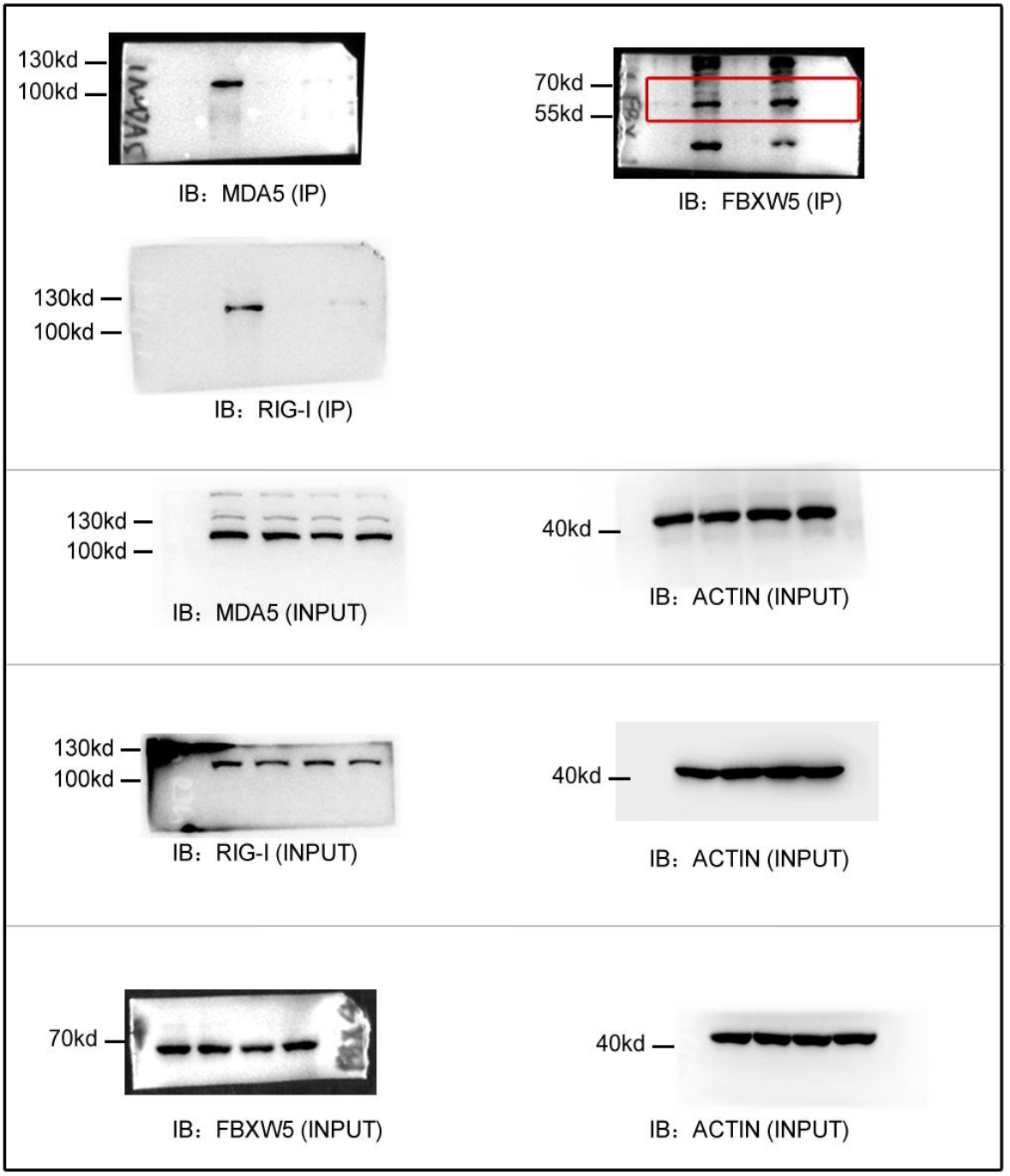
siSKP1



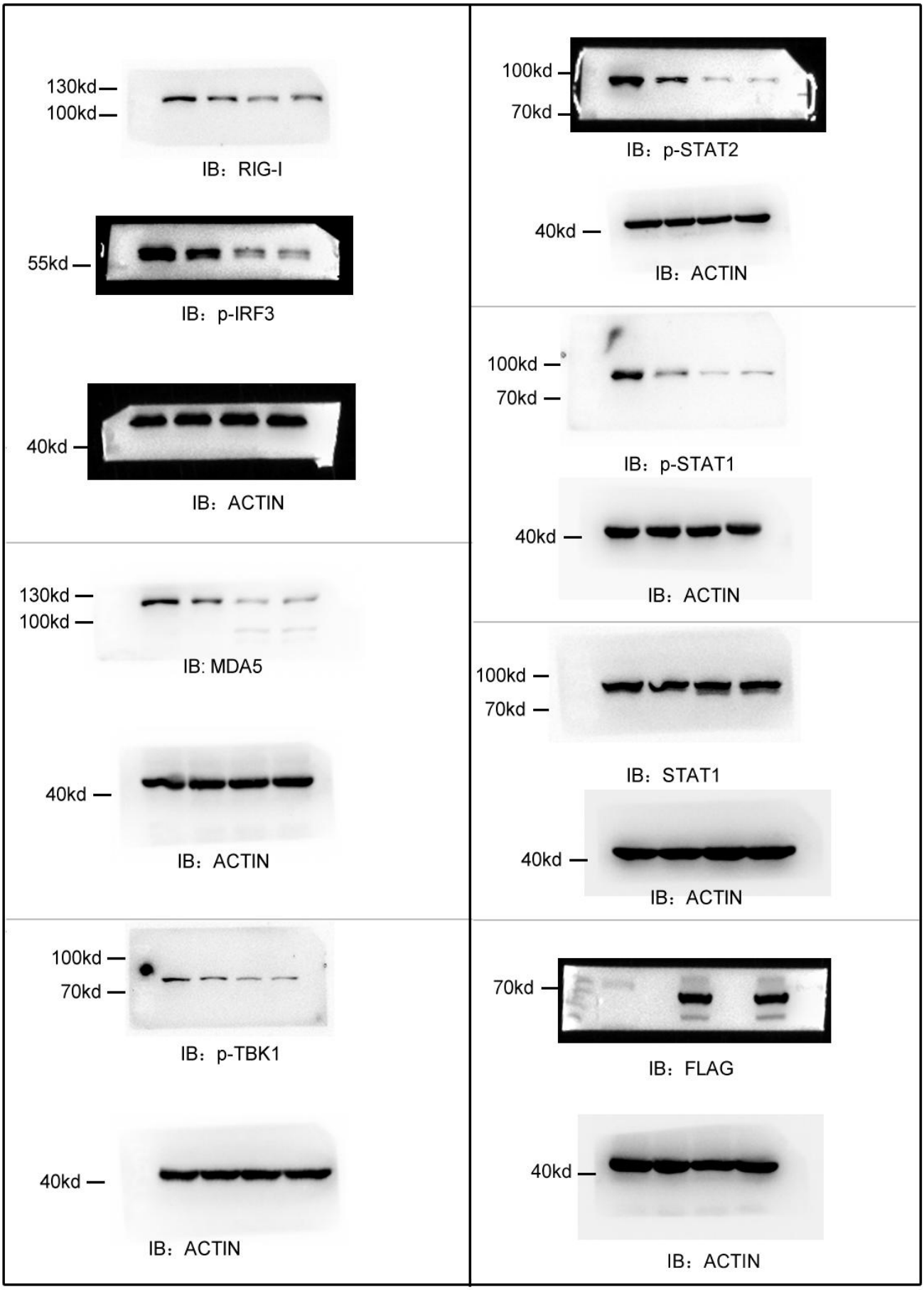
Supplementary Figure 9G



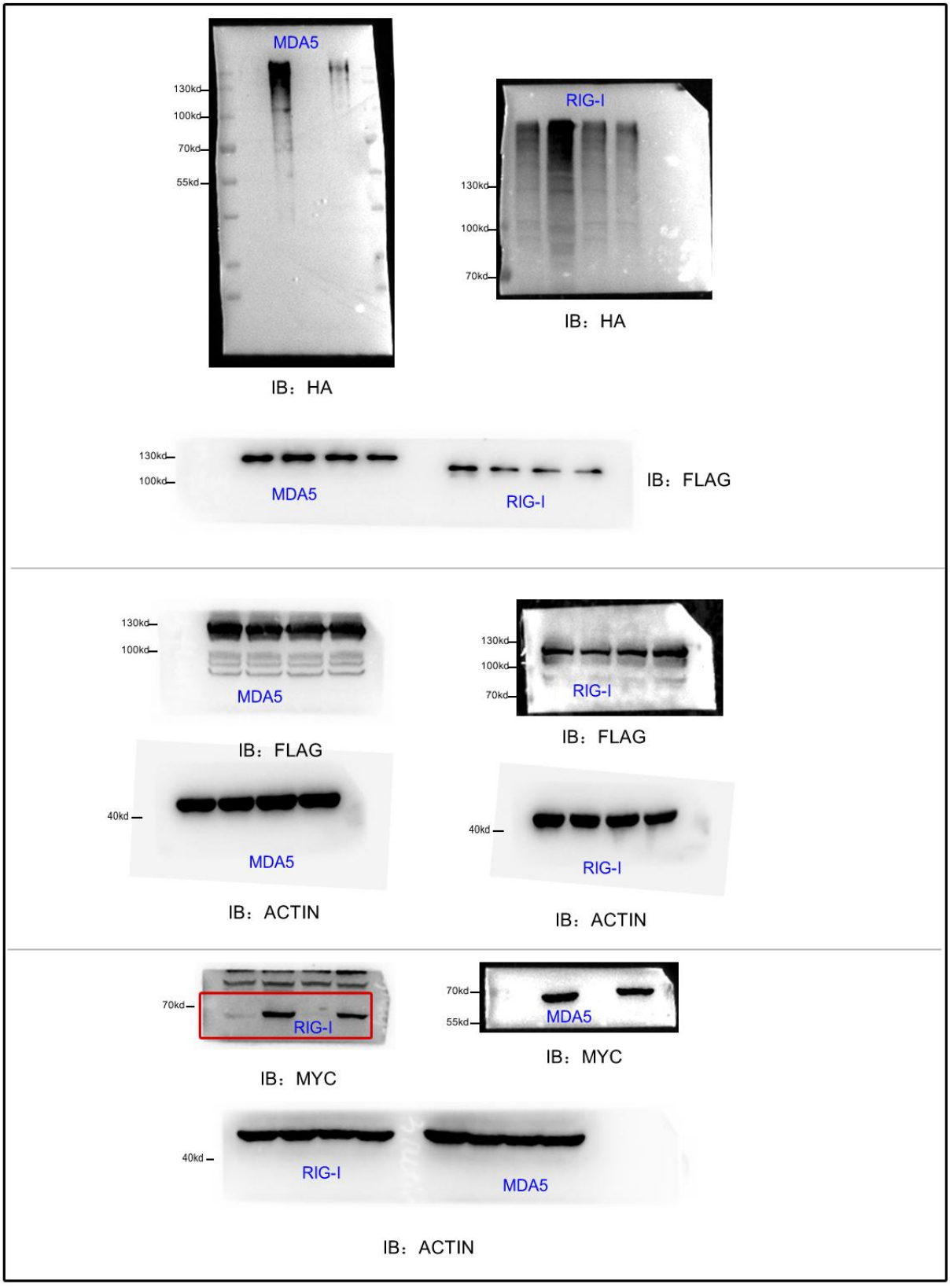
Supplementary Figure 10A



Supplementary Figure 10B

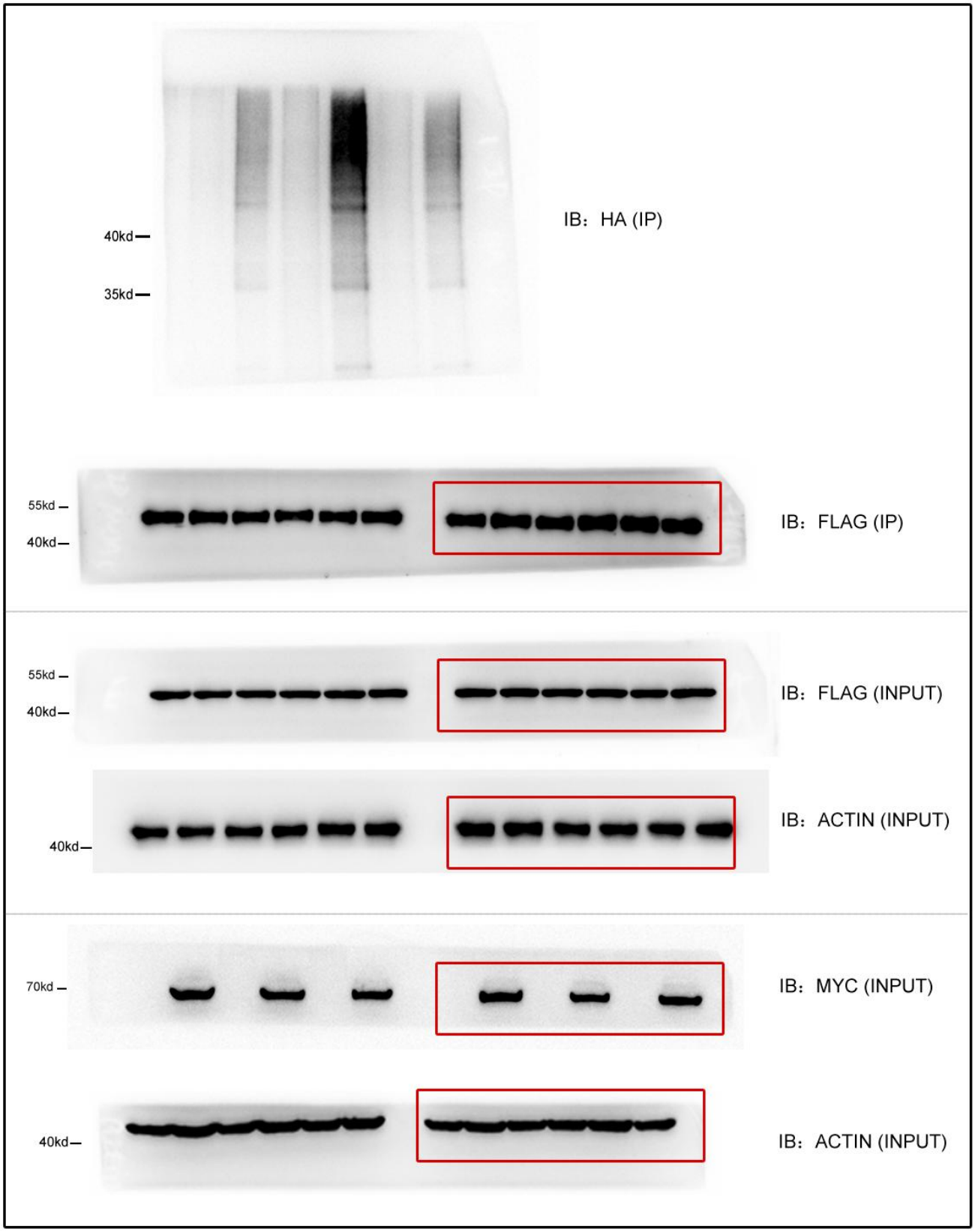


Supplementary Figure 10C



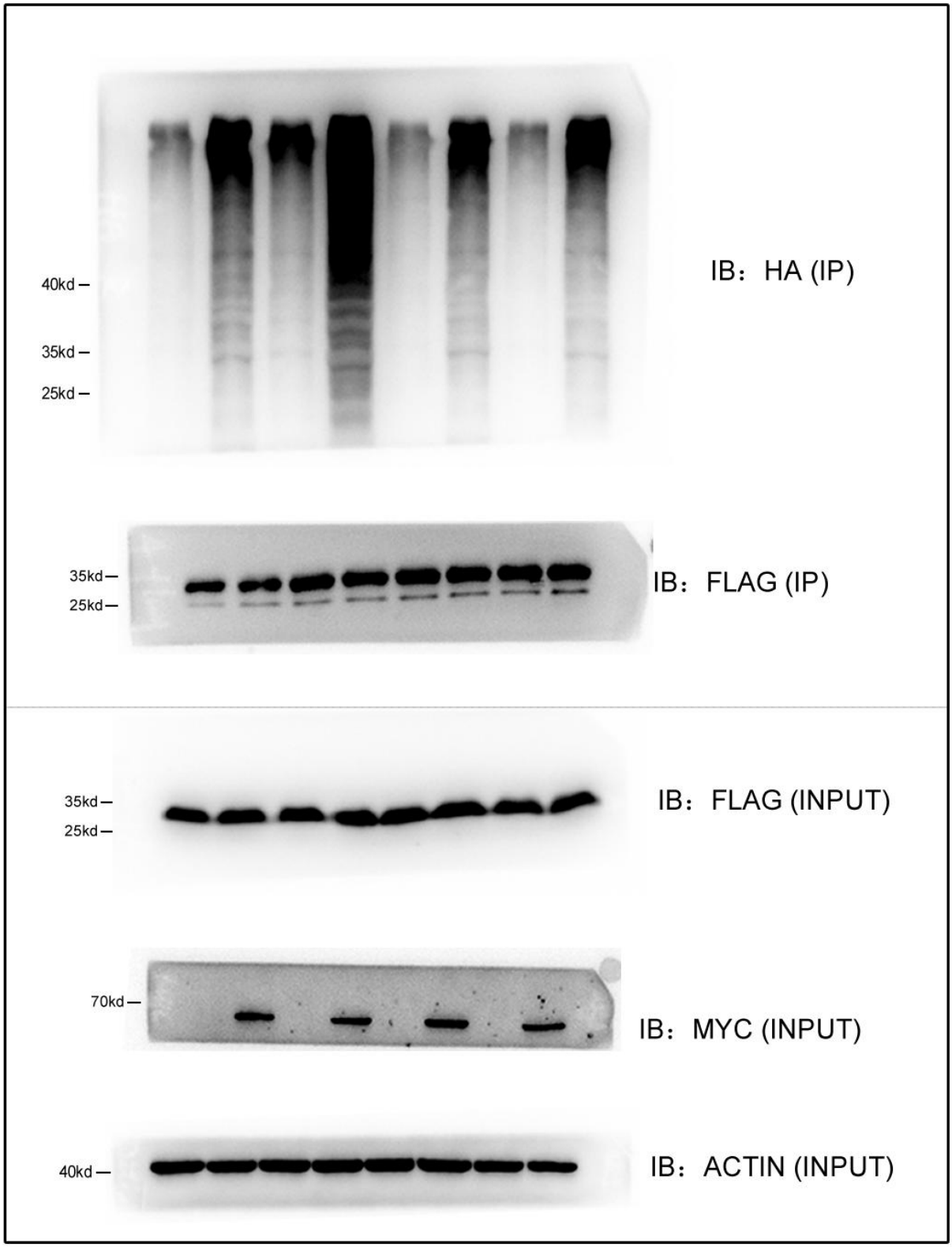
Supplementary Figure 10D

MDA5 N315-FLAG



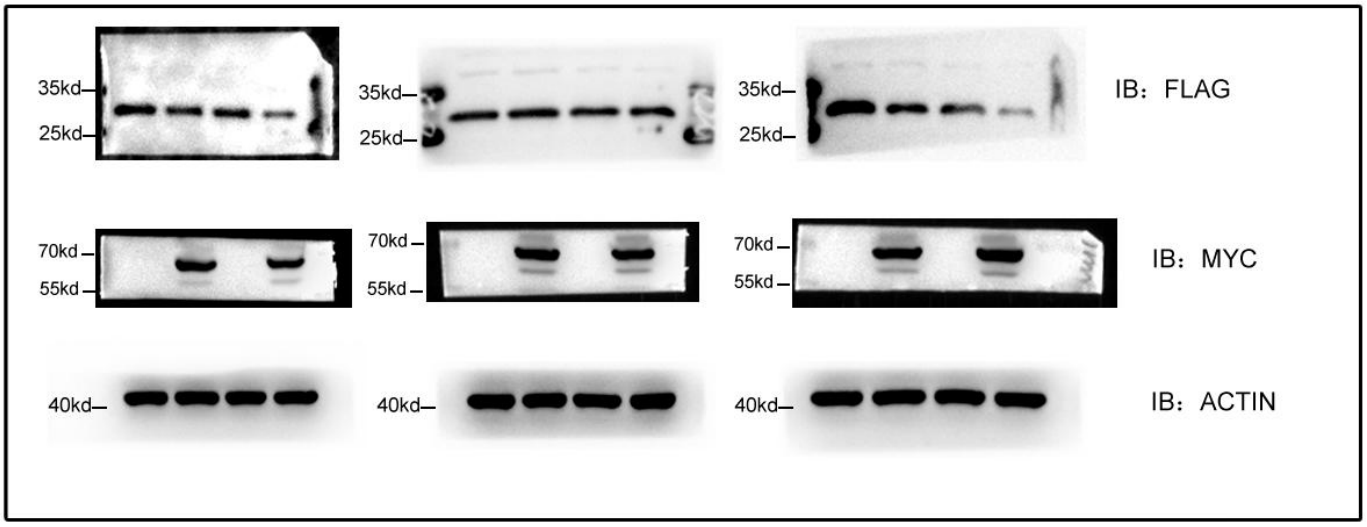
Supplementary Figure 10D

RIGI N218-FLAG

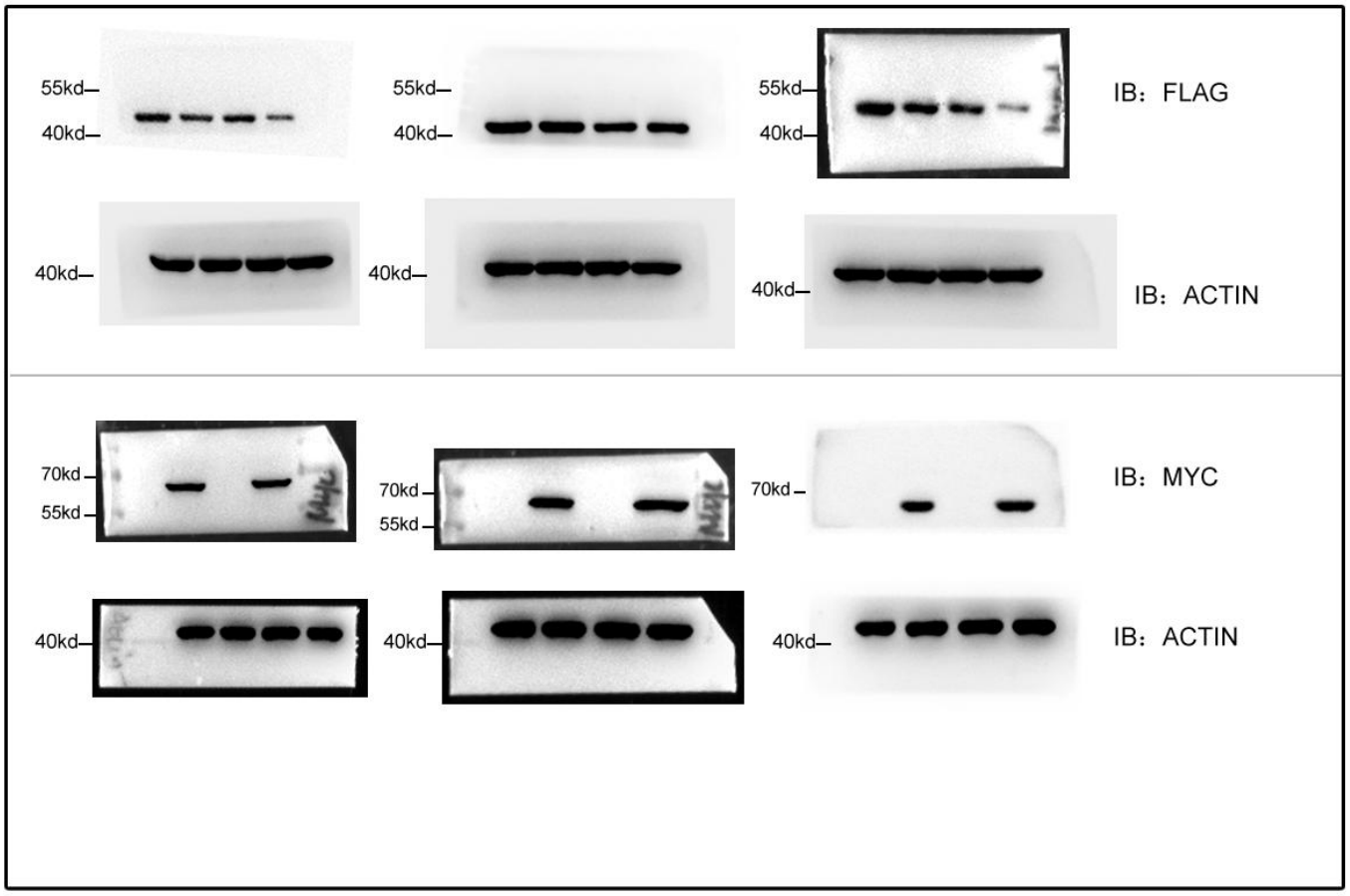


Supplementary Figure 10E

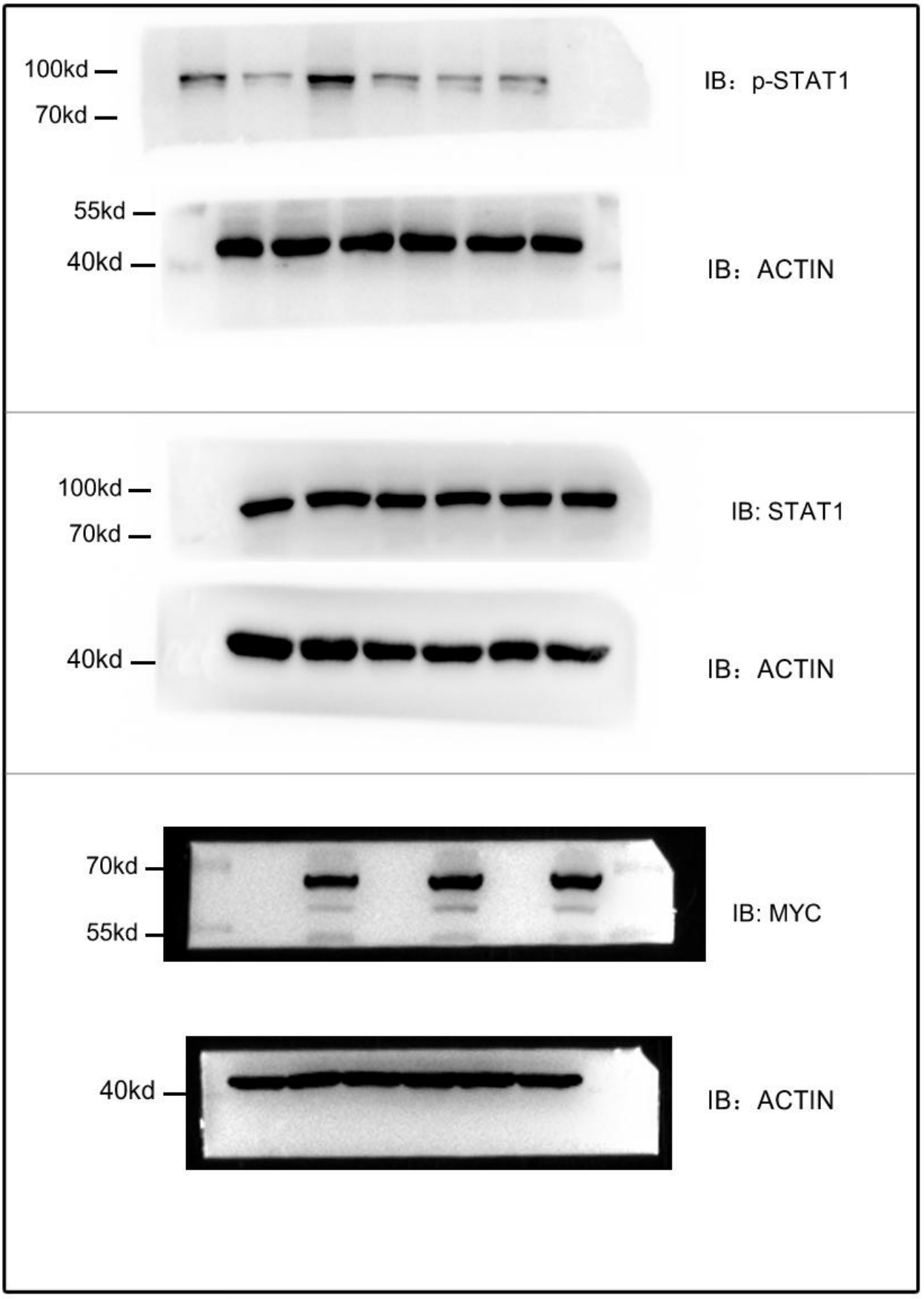
RIG-I N218-FLAG



MDA5 N315-FLAG



Supplementary Figure 11B



Supplementary Figure 11F

