Figure 1

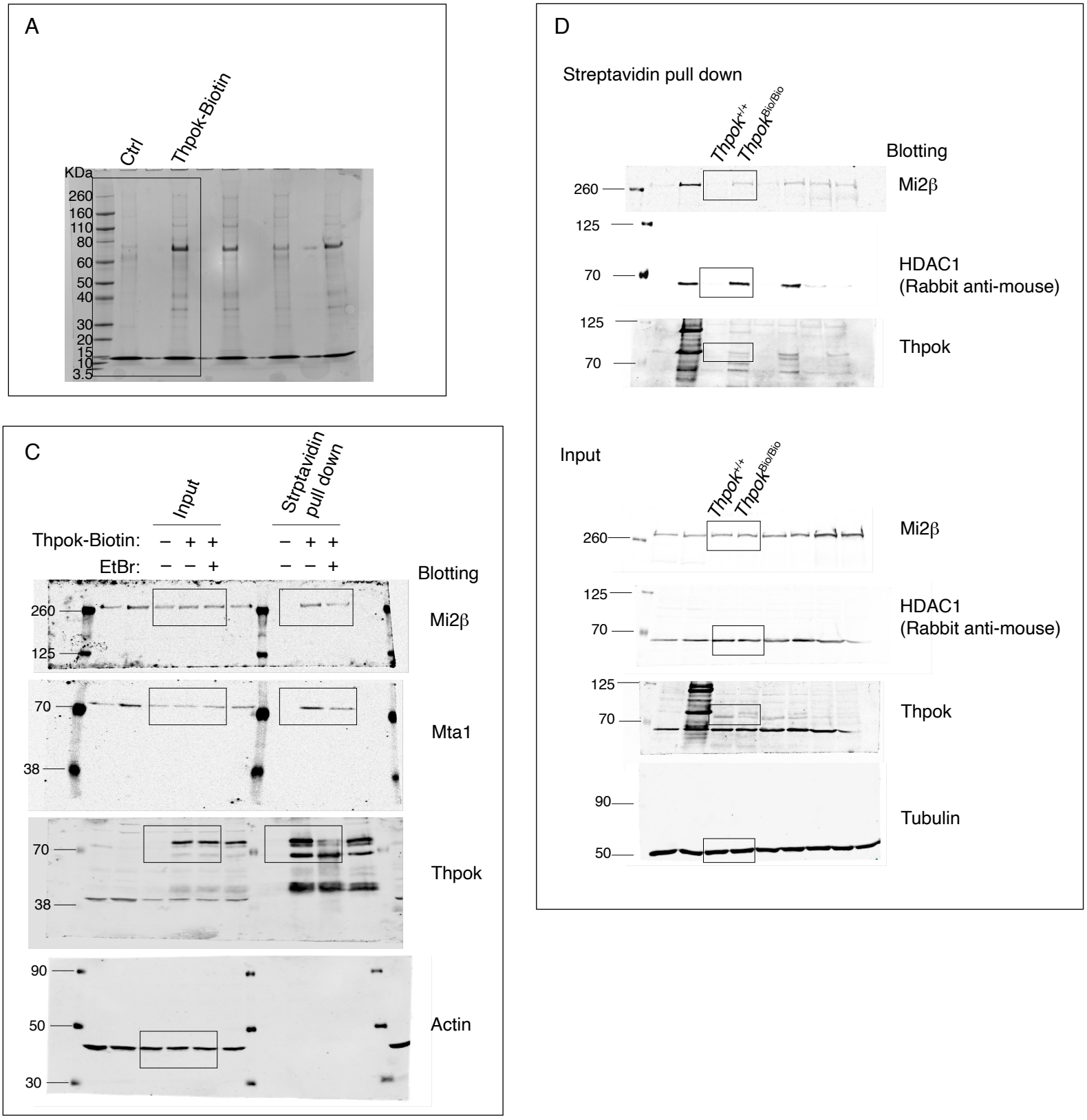

A
Ctrl
Thpok-Biotin
KDa
260
160
110
80
60
50
40
30
20
15
10
3.5
C
Input
Strptavidin pull down
Thpok-Biotin: – + + – + +
EtBr: – – + – – +
Blotting
260
125
Mi2β
70
38
Mta1
70
38
Thpok
90
50
30
Actin
D
Streptavidin pull down
Thpok+/+
ThpokBio/Bio
Blotting
260
125
Mi2β
70
HDAC1
(Rabbit anti-mouse)
125
70
Thpok
Input
Thpok+/+
ThpokBio/Bio
260
Mi2β
125
70
HDAC1
(Rabbit anti-mouse)
125
70
Thpok
90
50
Tubulin

Figure 3B

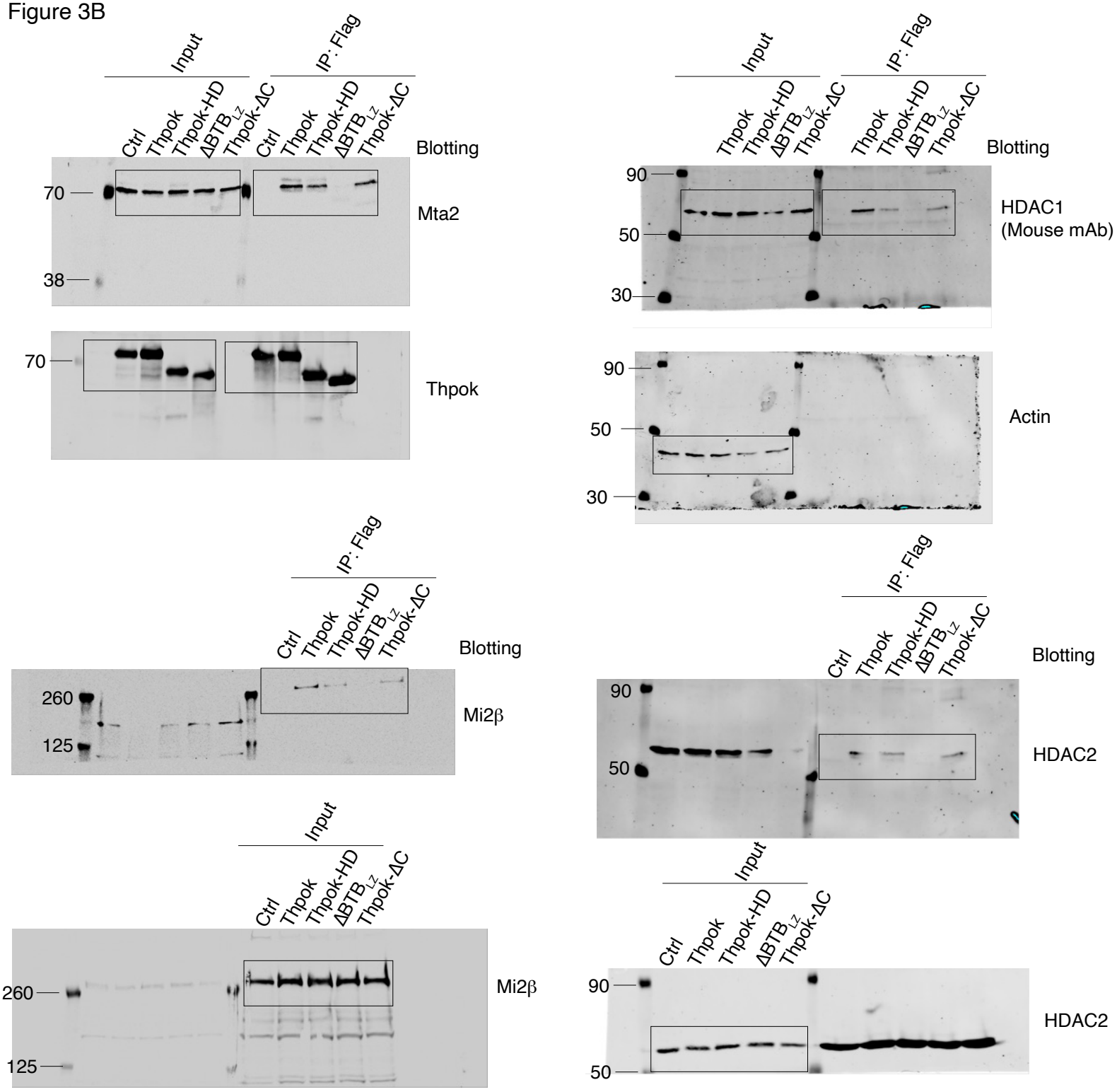

Input
IP: Flag
Ctrl
Thpok
Thpok-HD
ΔBTB$_{LZ}$
Thpok-ΔC
Blotting
70
38
Mta2
70
Thpok
90
50
30
HDAC1
(Mouse mAb)
90
50
30
Actin
IP: Flag
260
125
Mi2β
IP: Flag
90
50
HDAC2
Input
260
125
Mi2β
Input
90
50
HDAC2

Figure 4B

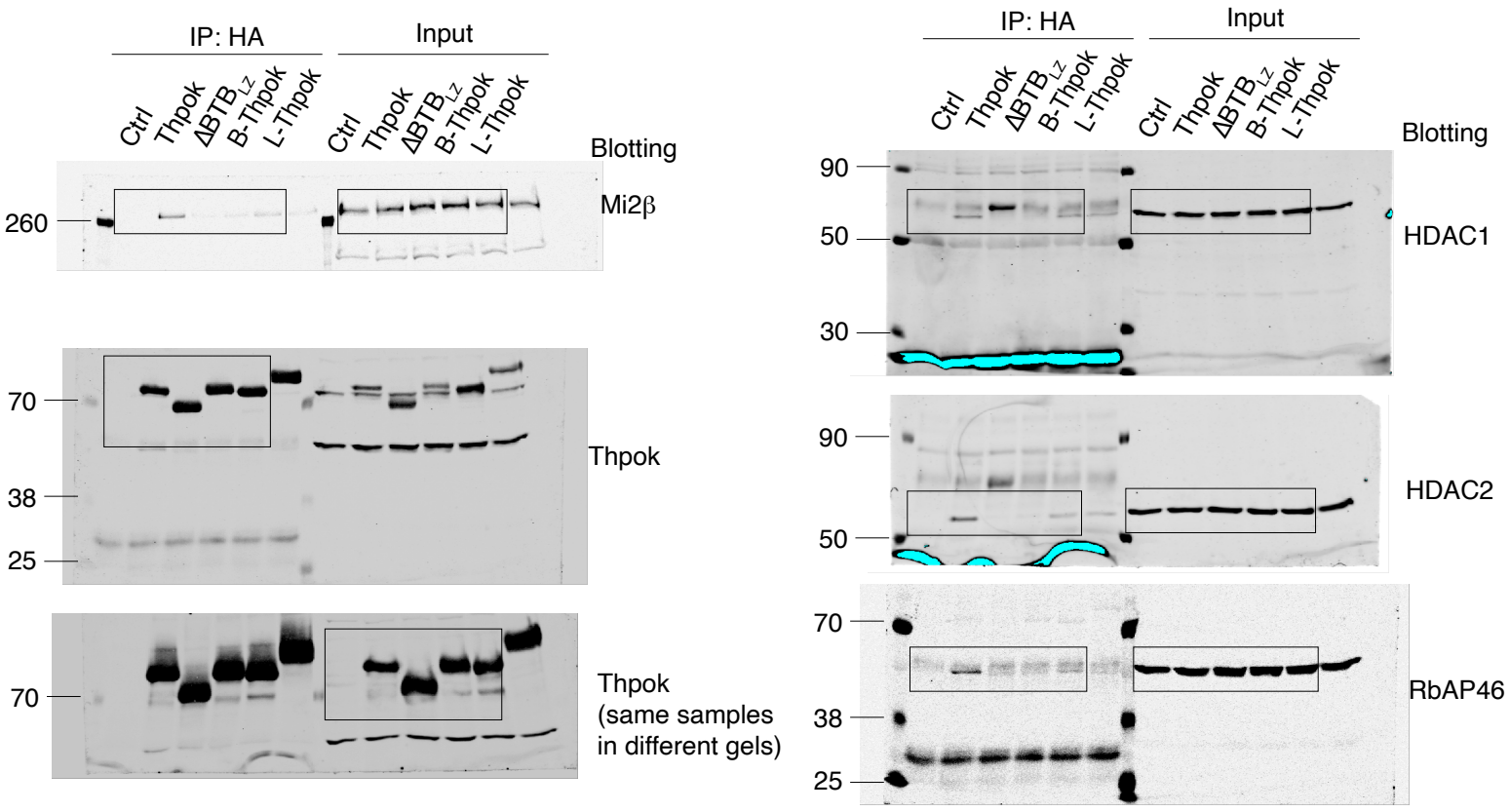
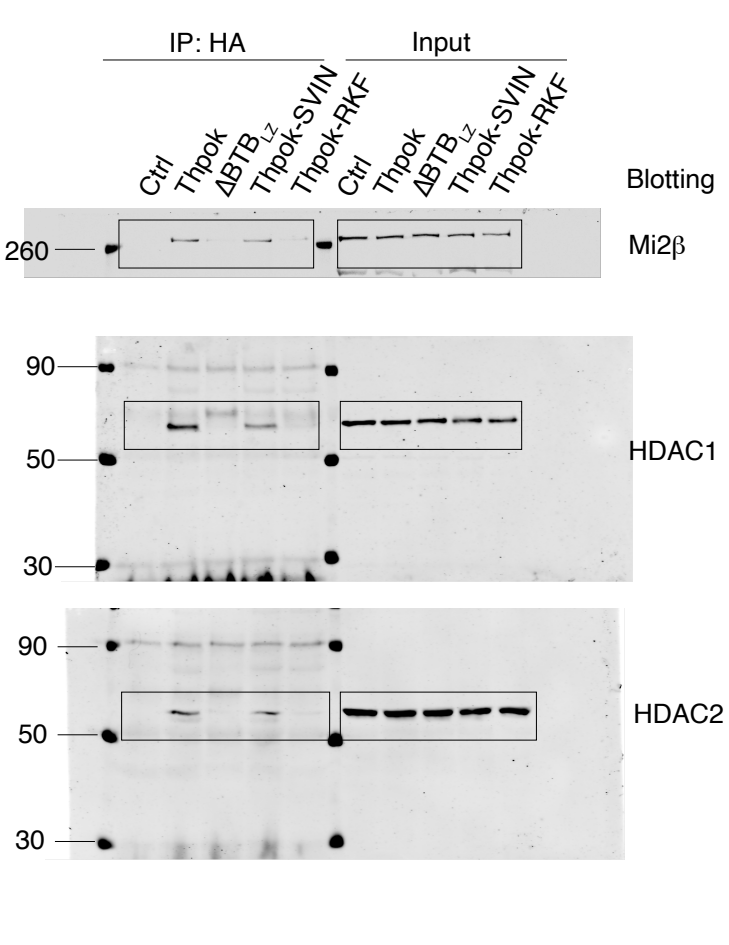

IP: HA
Input
Ctrl
Thpok
ΔBTB$_{Lz}$
B-Thpok
L-Thpok
Blotting
Mi2β
260
Thpok
70
38
25
Thpok
(same samples
in different gels)
HDAC1
90
50
30
HDAC2
RbAP46
38

Figure 5B


IP: HA
Input
Ctrl
Thpok
ΔBTB$_{LZ}$
Thpok-SVIN
Thpok-RKF
Blotting
260
Mi2β
90
50
30
HDAC1
HDAC2

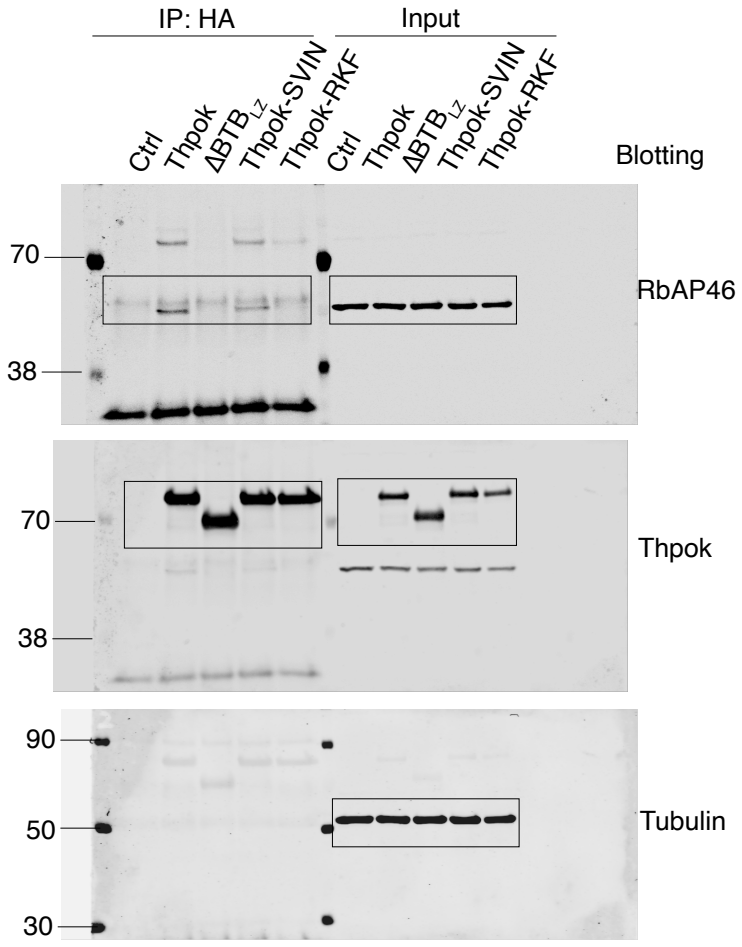

IP: HA
Input
Ctrl
Thpok
ΔBTB$_{LZ}$
Thpok-SVIN
Thpok-RKF
Blotting
70
38
RbAP46
Thpok
90
50
30
Tubulin

Figure 6B

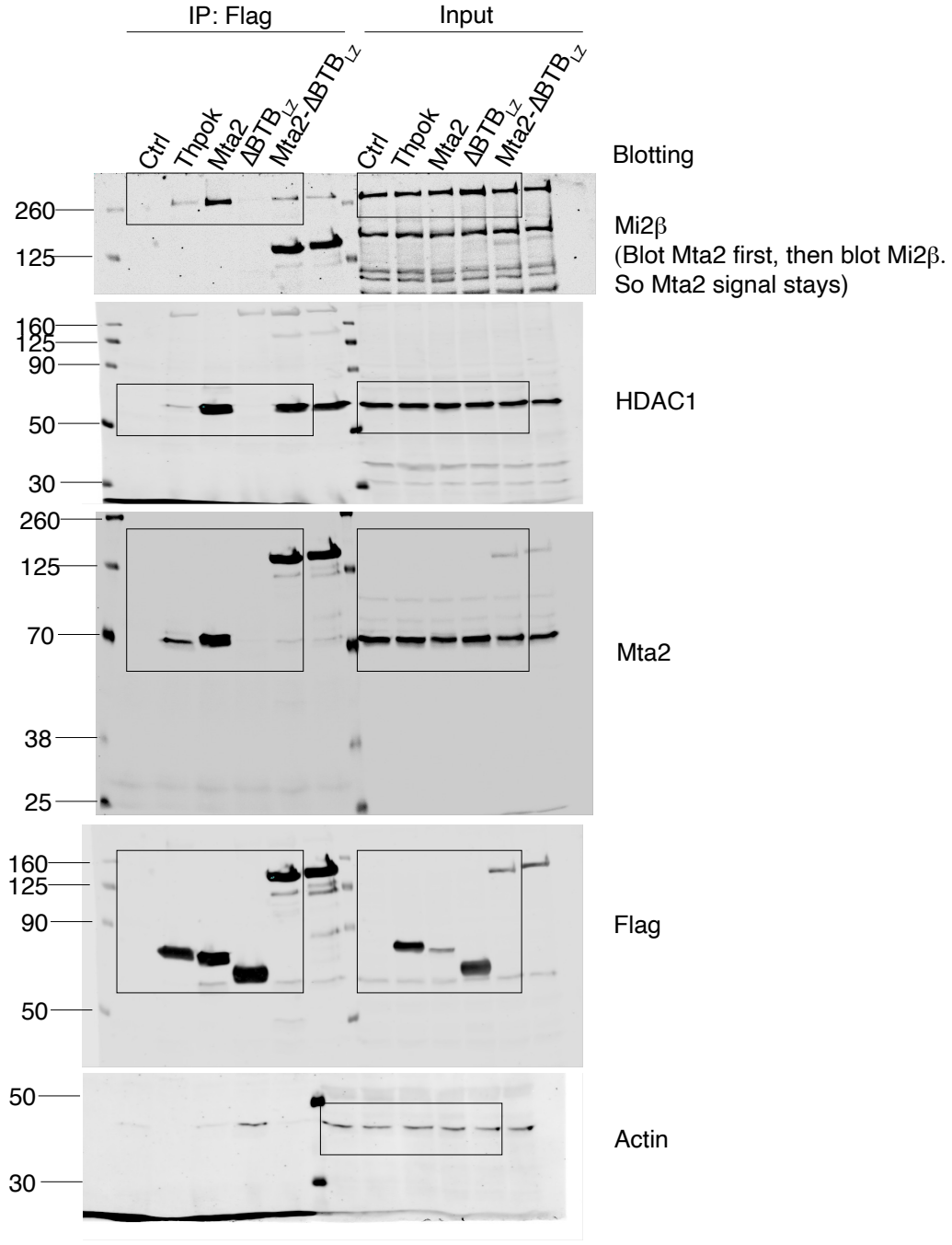
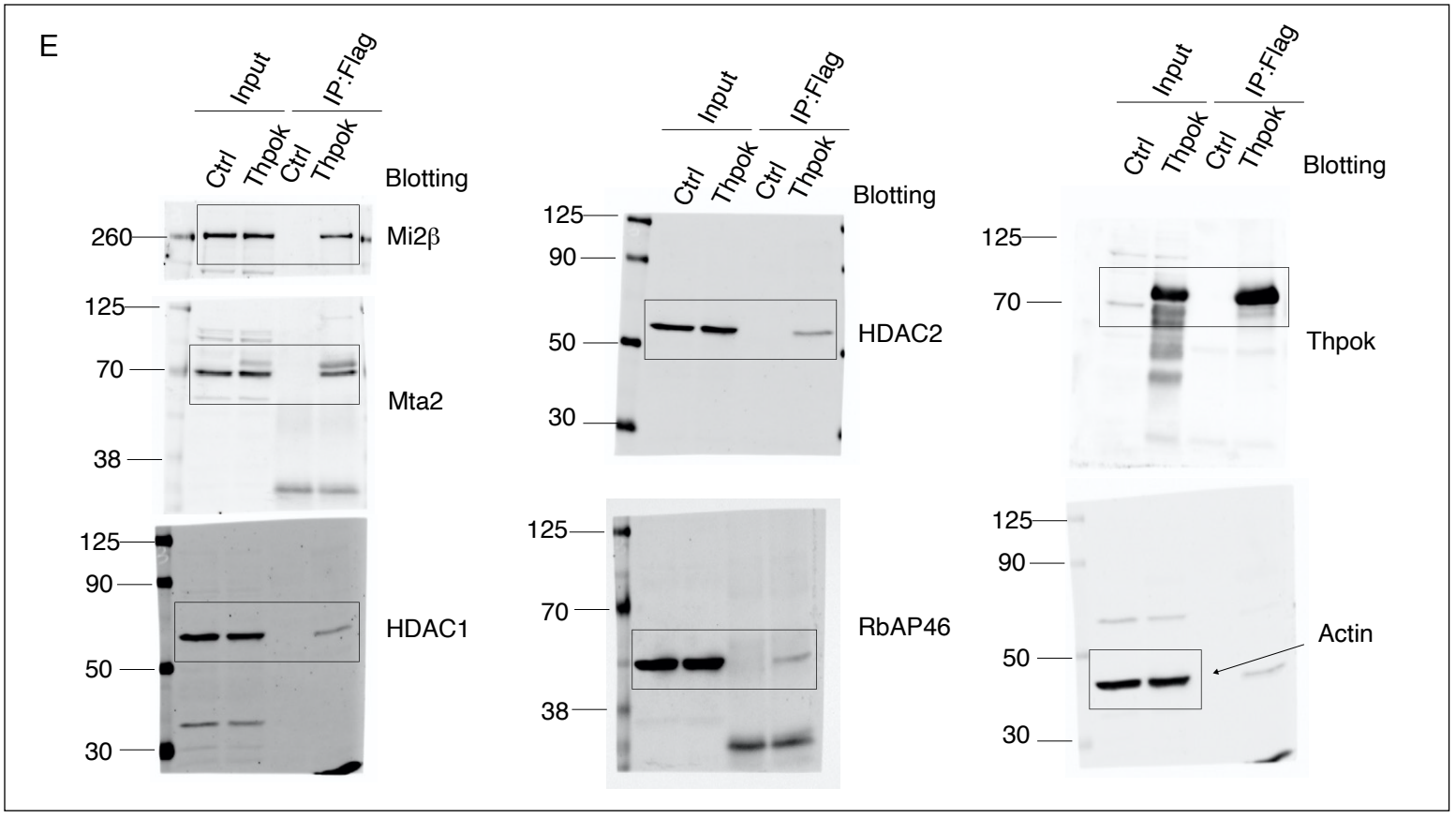

IP: Flag
Input
Ctrl
Thpok
Mta2
ΔBTB$_{LZ}$
Mta2-ΔBTB$_{LZ}$
Blotting
260
125
Mi2β
(Blot Mta2 first, then blot Mi2β.
So Mta2 signal stays)
160
125
90
50
30
HDAC1
260
125
70
38
25
Mta2
160
125
90
50
Flag
50
30
Actin

Figure S1


E
Input
IP:Flag
Ctrl
Thpok
Ctrl
Thpok
Blotting
260
Mi2β
125
70
Mta2
38
125
90
HDAC1
50
30
125
90
50
30
HDAC2
125
70
38
RbAP46
125
70
Thpok
125
90
50
30
Actin

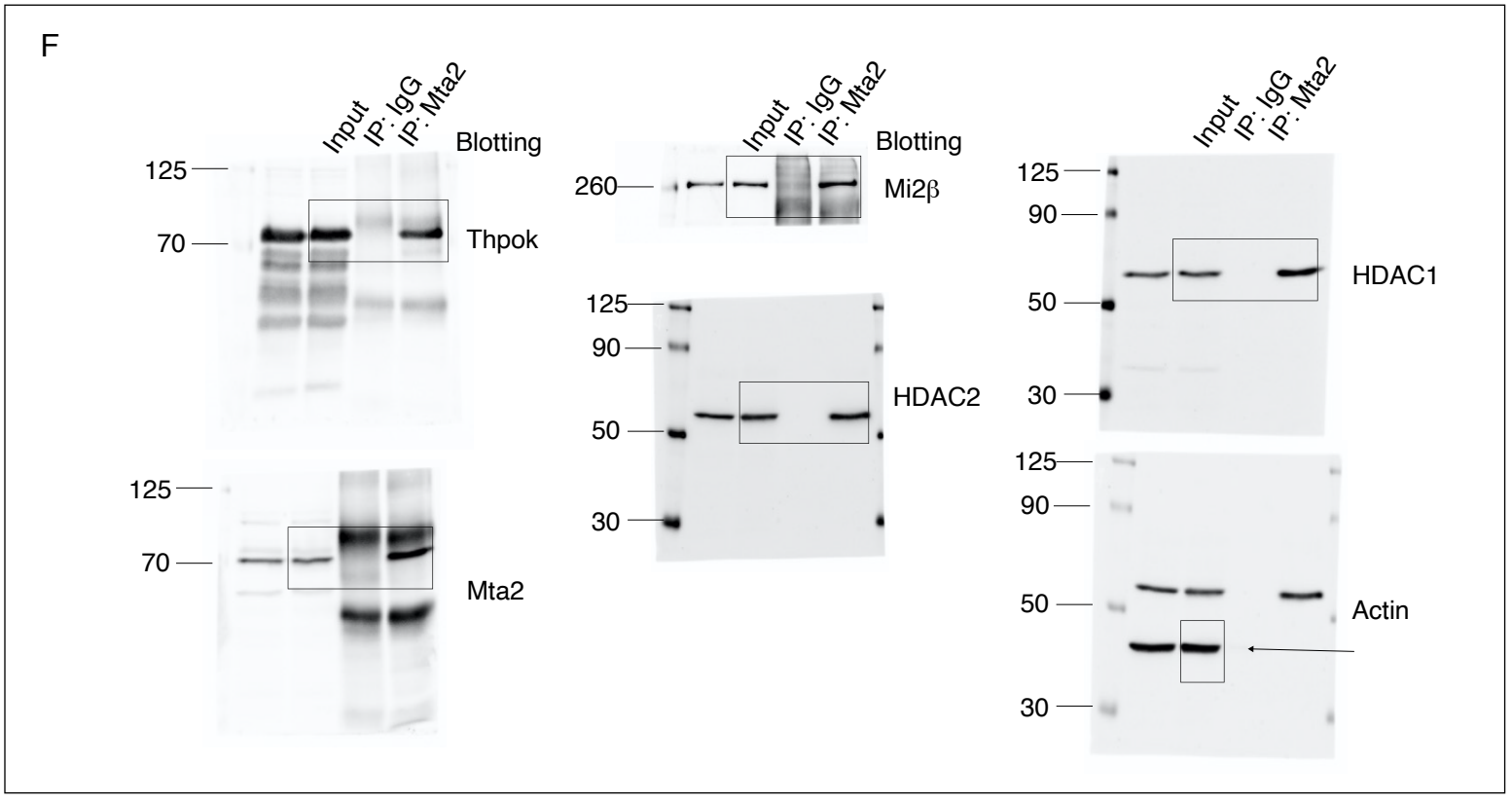

F
Input
IP: IgG
IP: Mta2
Blotting
125
70
Thpok
125
70
Mta2
260
Mi2β
125
90
50
30
HDAC2
125
90
50
30
HDAC1
125
90
50
30
Actin

Figure S3C

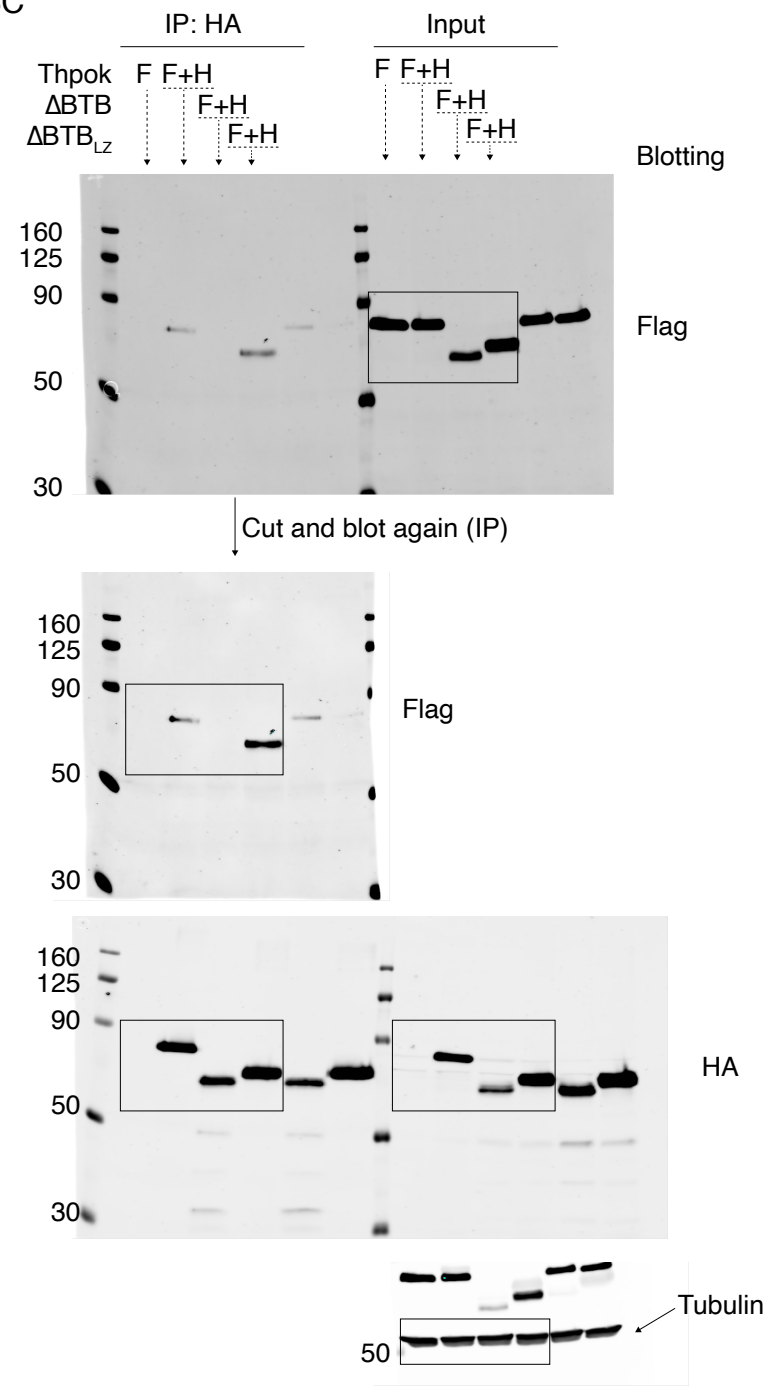

IP: HA
Input
Thpok
ΔBTB
ΔBTB$_{LZ}$
F
F+H
F+H
F+H
F
F+H
F+H
F+H
Blotting
160
125
90
50
30
Flag
Cut and blot again (IP)
160
125
90
50
30
Flag
160
125
90
50
30
HA
50
Tubulin

Figure S4B

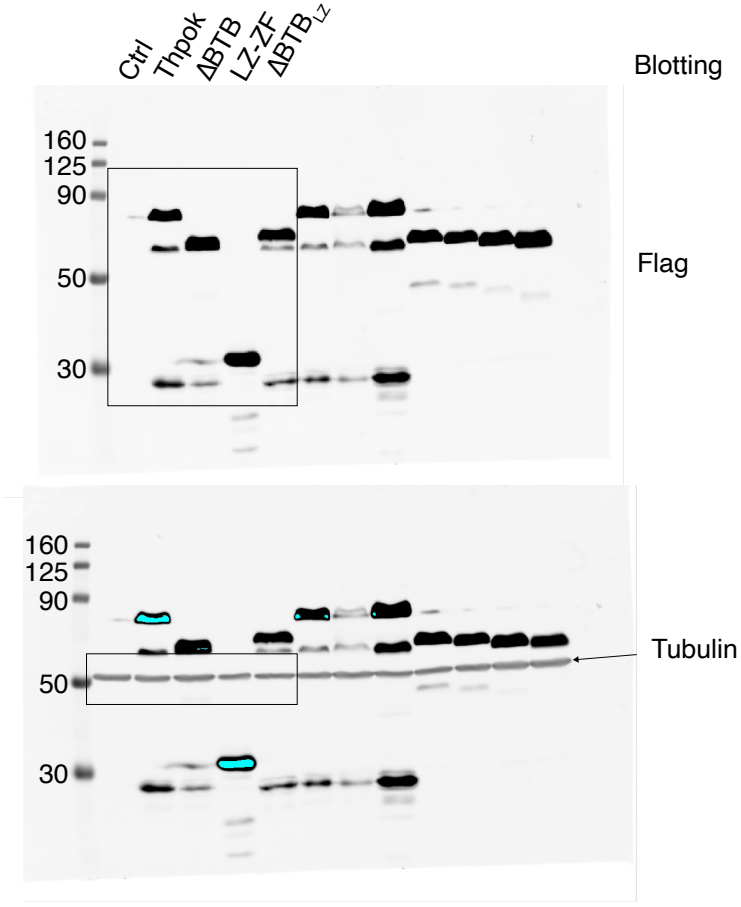
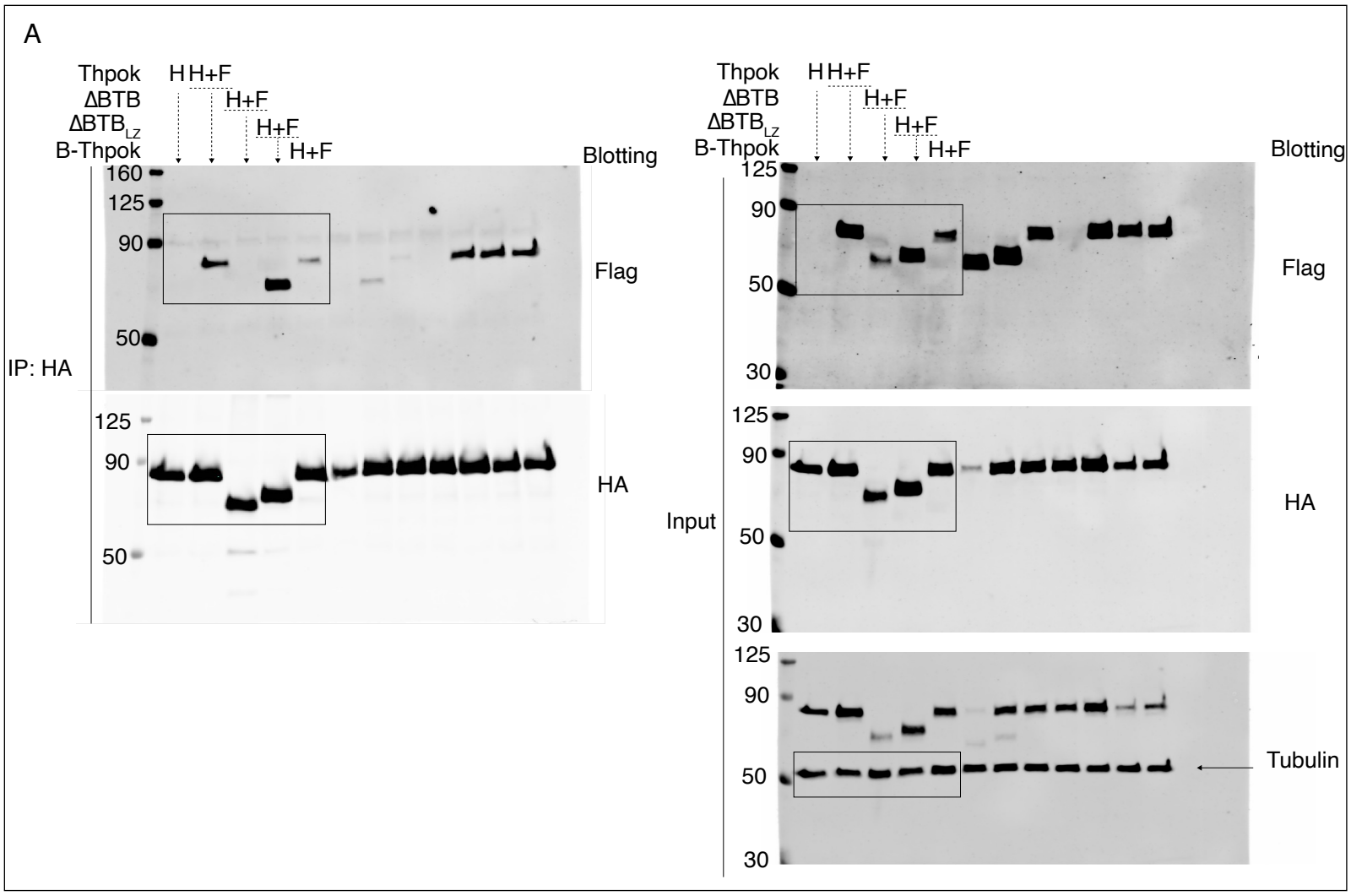

Ctrl
Thpok
ΔBTB
LZ-ZF
ΔBTB LZ
Blotting
160
125
90
50
30
Flag
160
125
90
50
30
Tubulin

Figure S5


A
Thpok
ΔBTB
ΔBTB$_{LZ}$
B-Thpok
H
H+F
H+F
H+F
H+F
Blotting
160
125
90
50
Flag
IP: HA
125
90
50
HA
Thpok
ΔBTB
ΔBTB$_{LZ}$
B-Thpok
H
H+F
H+F
H+F
H+F
Blotting
125
90
50
30
Flag
Input
125
90
50
30
HA
125
90
50
30
Tubulin

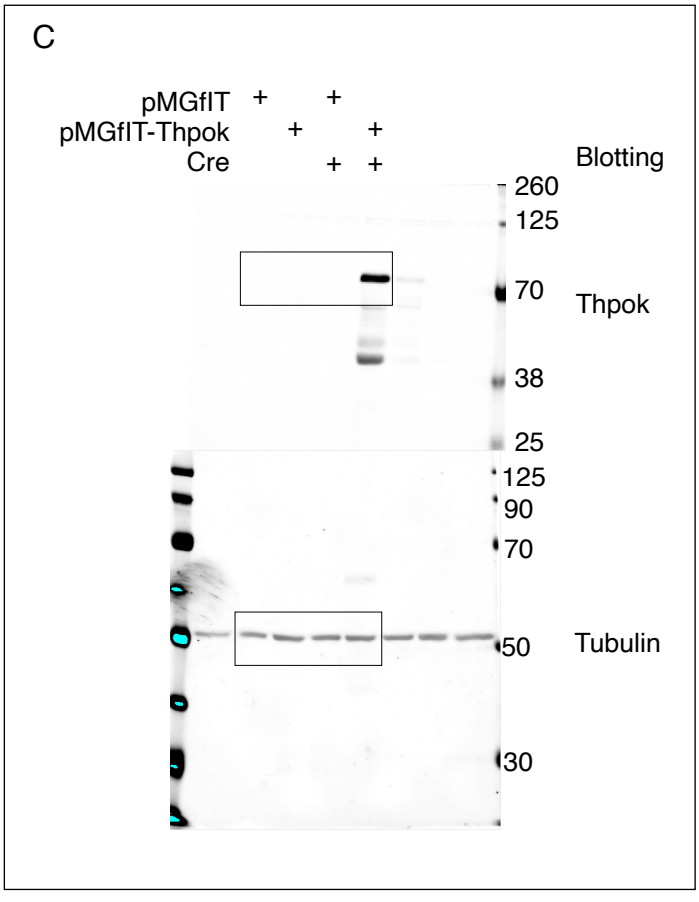
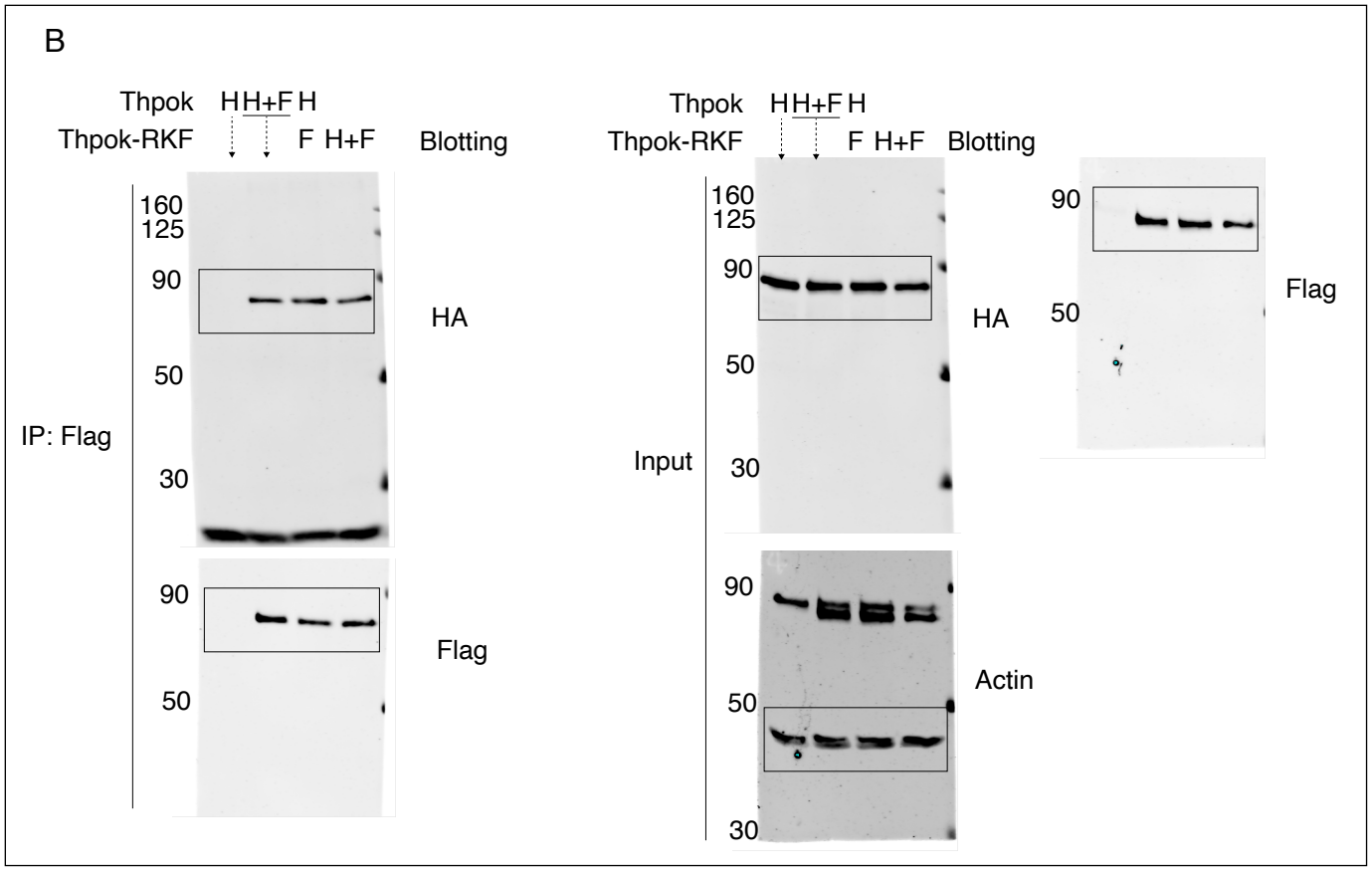

C
pMGfIT
pMGfIT-Thpok
Cre
+
+
+
+
+
Blotting
260
125
70
38
25
Thpok
125
90
70
50
30
Tubulin

Figure S6


B
Thpok
Thpok-RKF
H
H+F
H
F
H+F
Blotting
IP: Flag
160
125
90
50
30
HA
Flag
Input
Actin

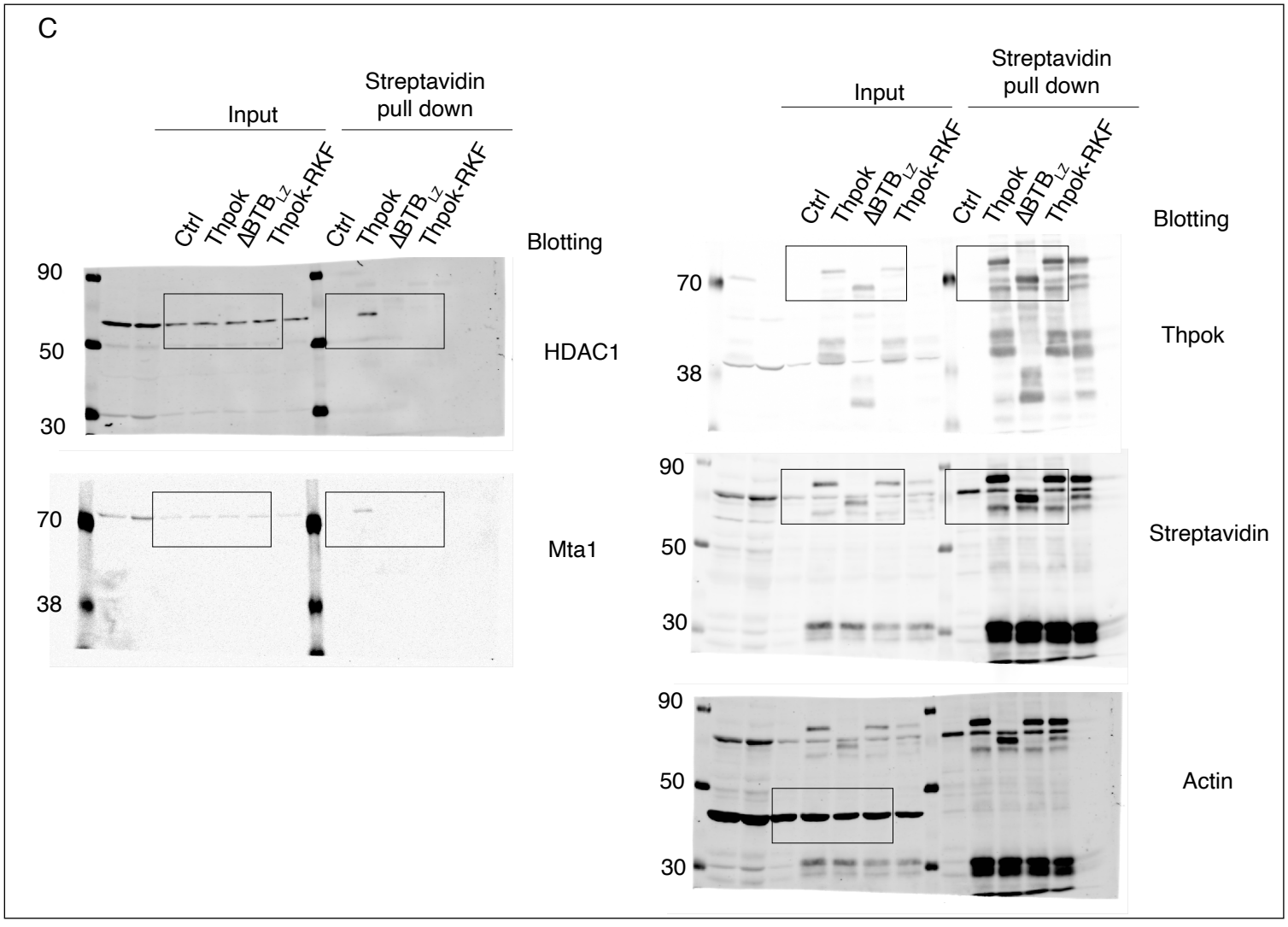
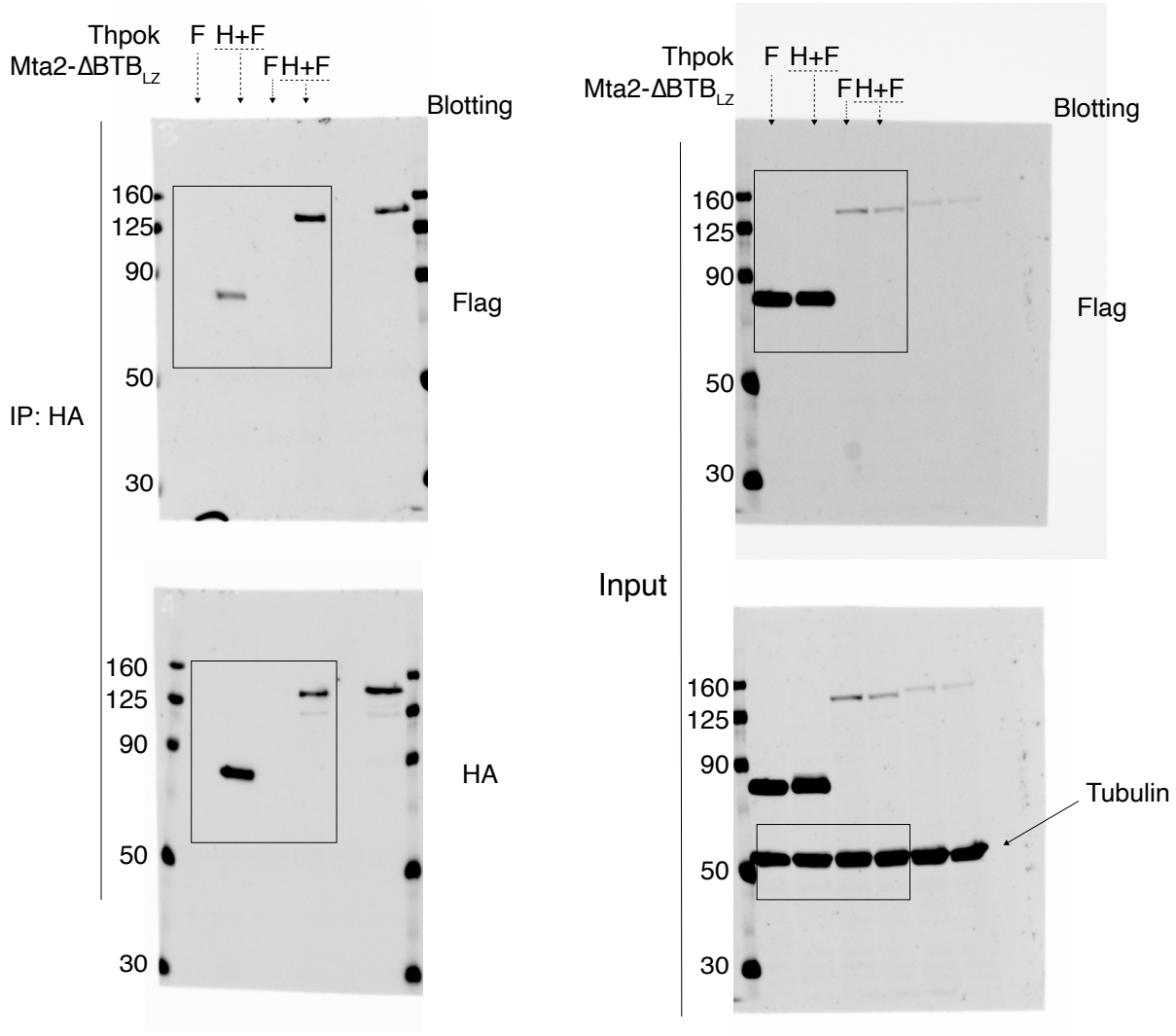

C
Input
Streptavidin pull down
Ctrl
Thpok
ΔBTB_Lz
Thpok-RKF
Blotting
90
50
30
HDAC1
70
38
Mta1
Thpok
Streptavidin
Actin

Figure S7A


Thpok
Mta2-ΔBTB$_{LZ}$
F
H+F
F
H+F
Blotting
160
125
90
50
30
Flag
IP: HA
160
125
90
50
30
HA
Thpok
Mta2-ΔBTB$_{LZ}$
F
H+F
F
H+F
Blotting
160
125
90
50
30
Flag
Input
160
125
90
50
30
Tubulin