

27 AKT W-81 2

HepG2 AKT



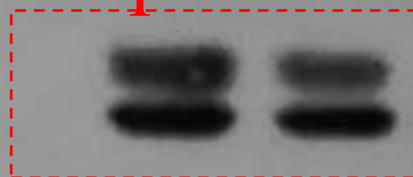
第一批  
1 2

第二批  
3 4

第一批  
1 2

第二批  
3 4

HepG2 ERK



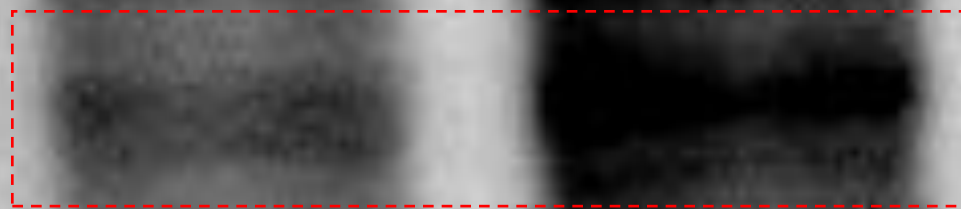
→ ERK  
42/44kDa

HepG2 NF- $\kappa$ B

23 w81 NF- $\kappa$ B

22 P-AKT 4-84

HepG2 P-AKT

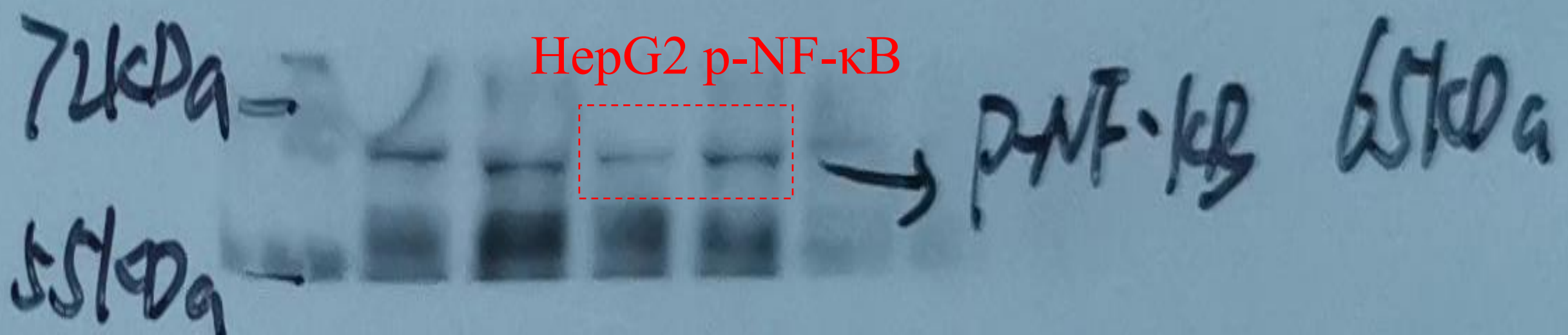


HepG2 P-ERK



22 14-91 P-ERK

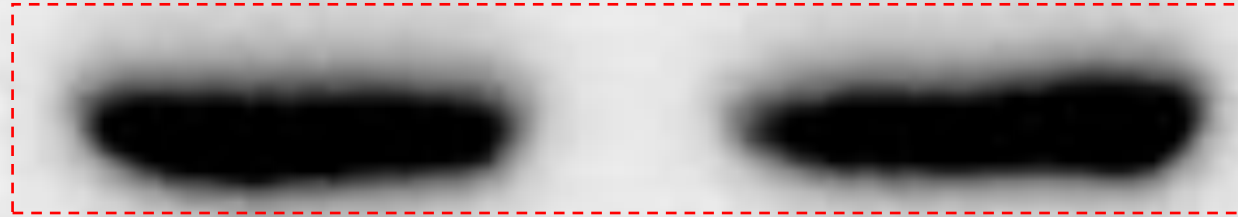
1 2 3 4



HepG2 UHRF1

23 W81 UHRF1

HepG2  $\beta$ -actin





1 2 3 4 5 6 7 8 两次验证

HepG2  $\beta$ -actin



\* Actin  
42kDa

① NC(1) ③ NC(2)

② SI-uHREI-3 ④

⑤ tag 48h ⑥

⑦ uHREI 48h ⑧

1. tag
2. VHRF1
3. si-NC
4. si-VHRF1-1
5. si-NC
6. si-VHRF1-1
7. NC
8. si-VHRF1-3
9. NC
10. si-VHRF1-3

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

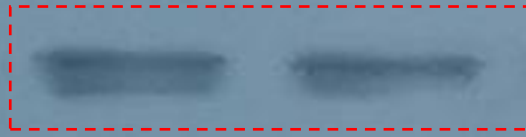
HepG2  $\beta$ -actin



→ Actin  
42kDa

11. tag 48h
12. VHRF1 48h

Huh7 AKT



AKT  
66kDa

0621 0620

① ST-NL ② ST-UHRAF1

③ Tag ④ UHRAF1



SK-Nep1  
1 2 3 4

HepG2  
5 6 7 8

Huh7  
9 10

(EPRF)

Q3 -



ERK  
40  
38  
36  
34  
32  
30  
28  
26  
24  
22  
20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0

Huh7 ERK

0625

① Si-NC  
② Si-NAHRE1-H

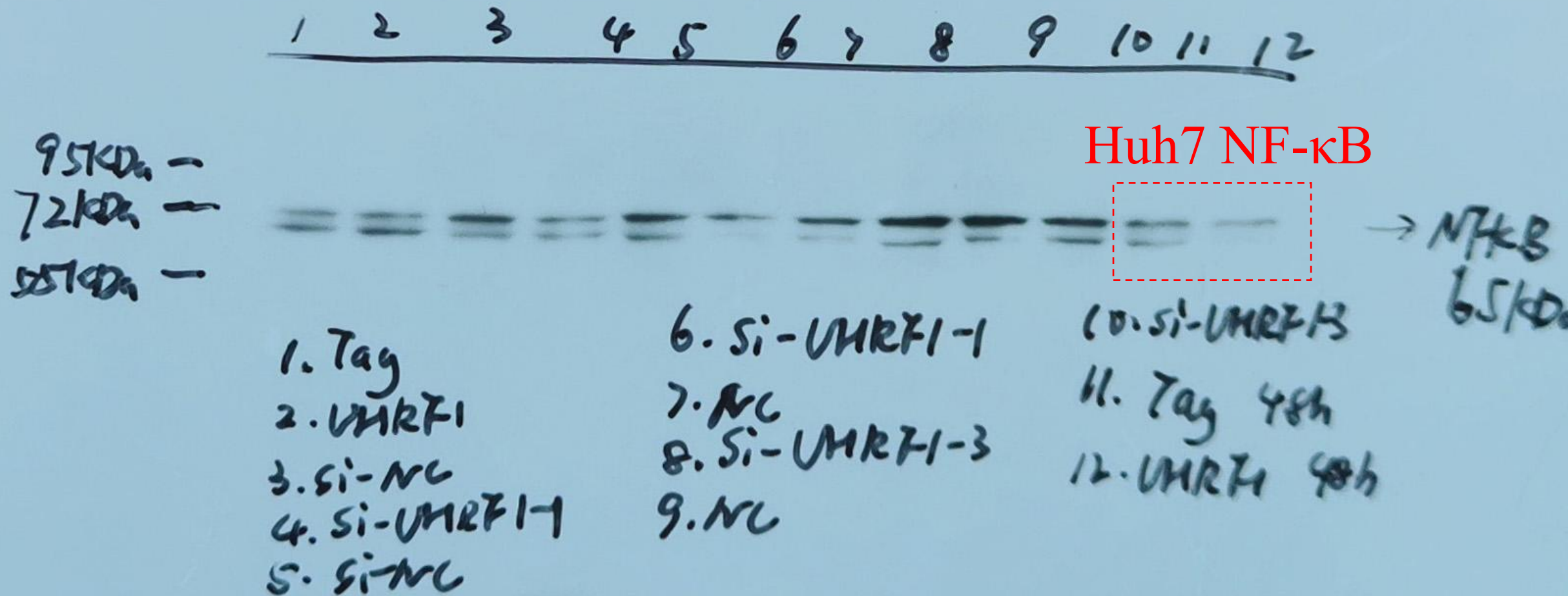
0703  
① Si-NC  
② Si-NAHRE1-H

0620  
tag  
10 NAHRE1=1

0620

① Si-NC  
② Si-NAHRE1-3

0211  
① Si-NC  
② Si-NAHRE1-1

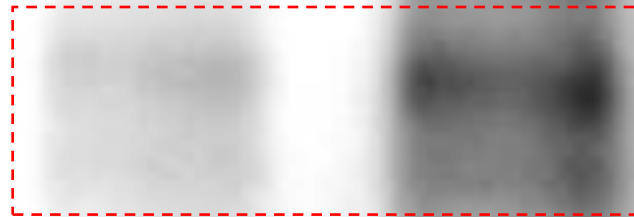


Huh7 p-AKT



30 W-81 P-AKT

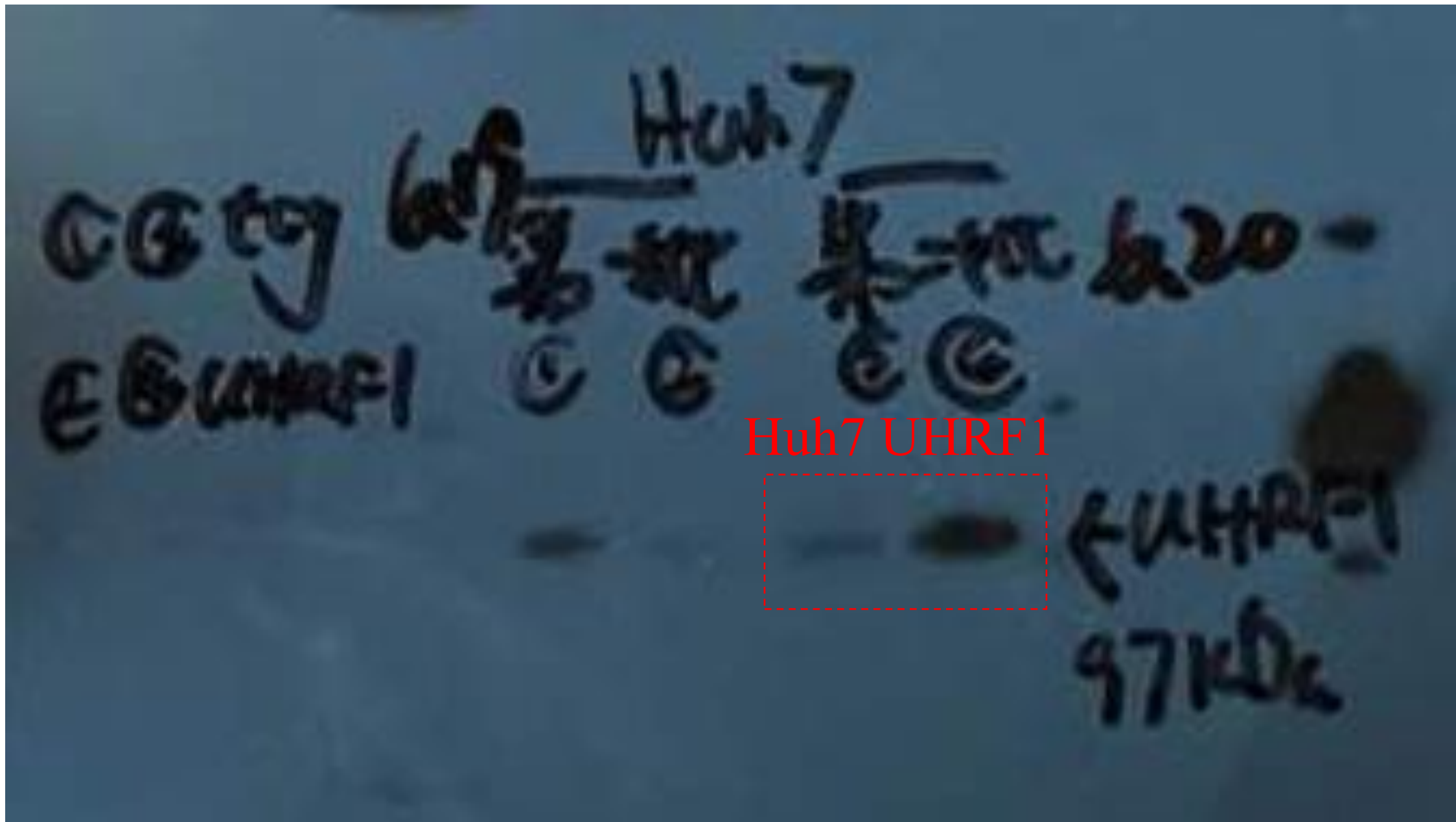
Huh7 p-ERK



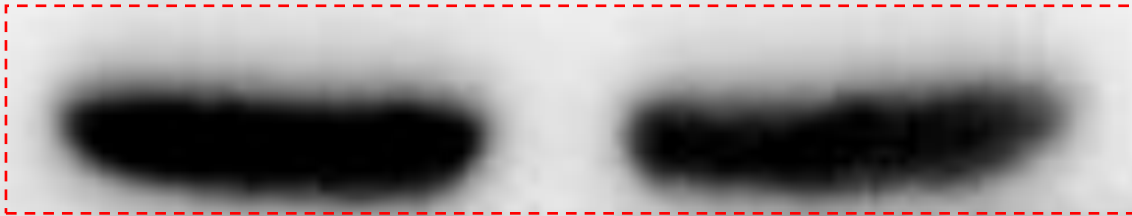
1 2 3 4







Huh7  $\beta$ -actin



第批

HepG2

Huh7

两次重选

1 2 3 4

5 6 7 8

Huh7  $\beta$ -actin



\* Actin  
42kDa

① NC(1) ③ NC(2)

② si-HNF1-3 ④

⑤ tag 48h ⑥

⑦ HNF1 48h ⑧

Huh7  $\beta$ -actin

→ Actin 42kDa

1. Tag

2. VHRF1

3. si-NC 5.

4. si-VHRF1-1 6.

7. NC

8. si-VHRF1-3

9. tag 48h

10. VHRF1 48h