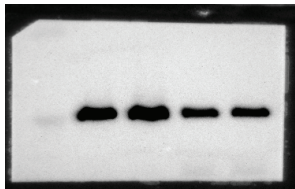
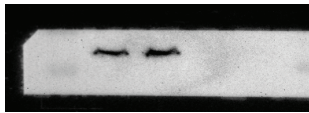


a

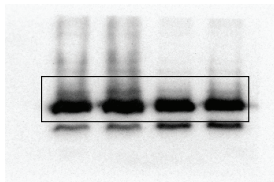
H3K4me3



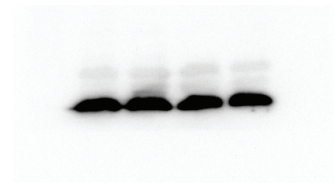
Wdr5



H3

**b**

H4K16ac



Wdr5



H3

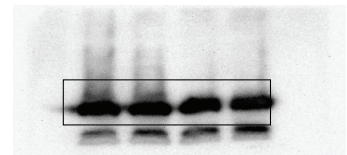


Figure. 2

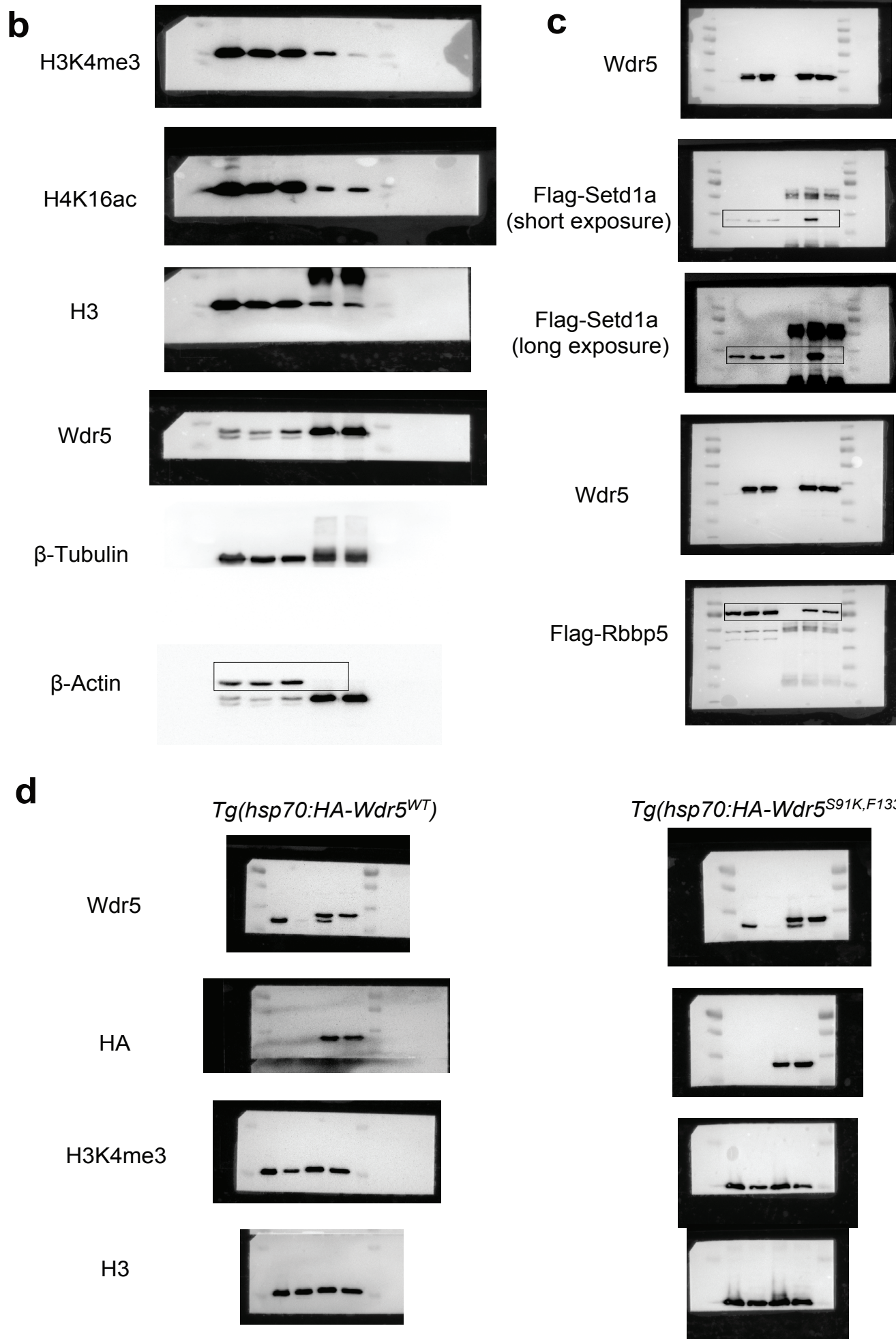


Figure. 3

a

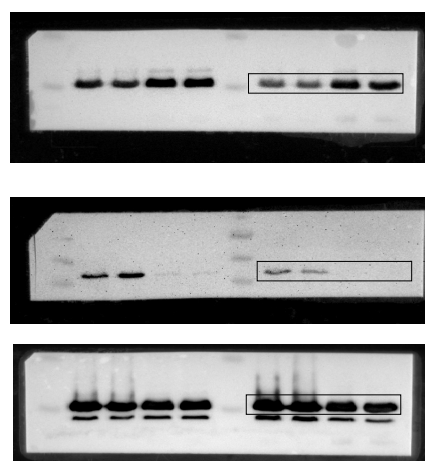
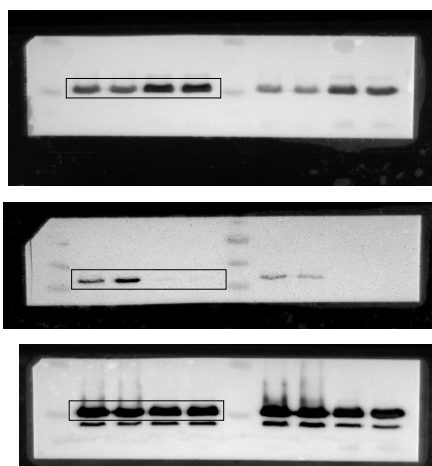
3dpf

5dpf

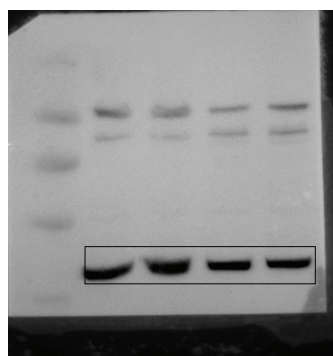
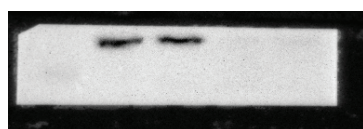
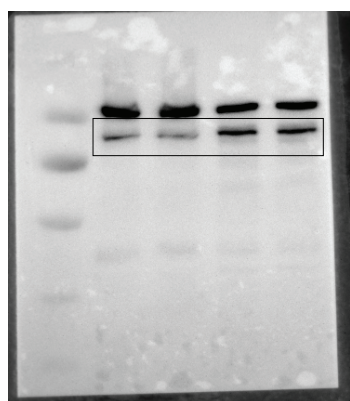
pH3

Wdr5

H3

**d** β -Catenin

Wdr5

 β -Actin**e** β -Catenin

pH3

Wdr5

 β -Actin

H3

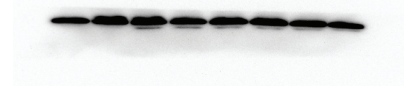
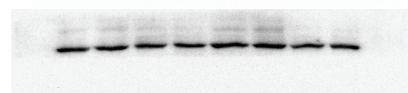
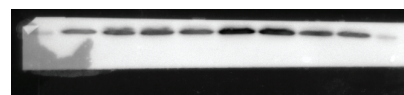
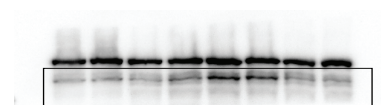


Figure. 4

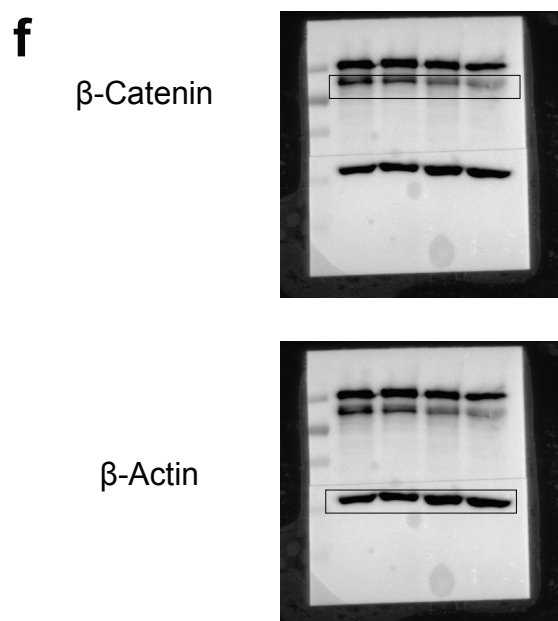
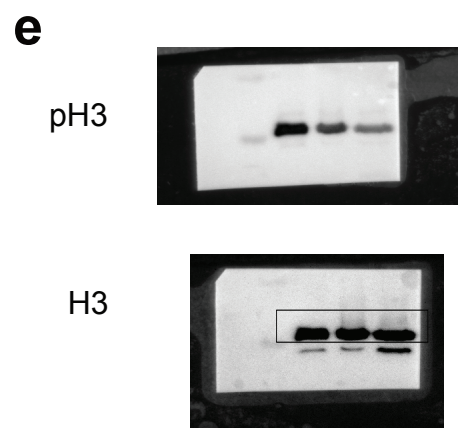
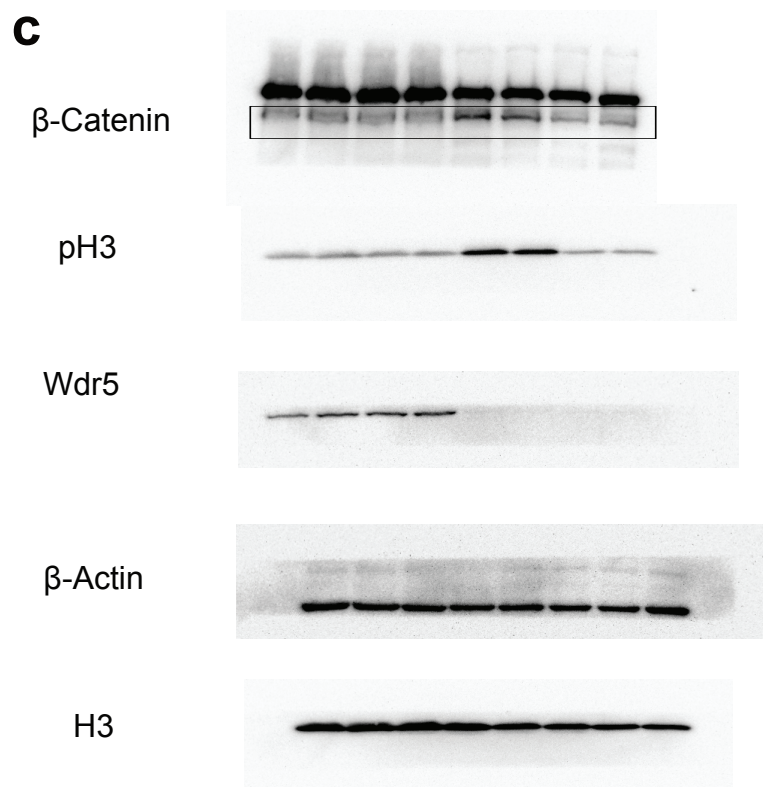
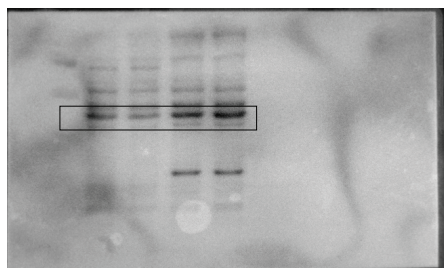


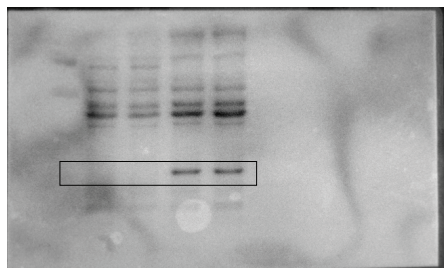
Figure. 5

C

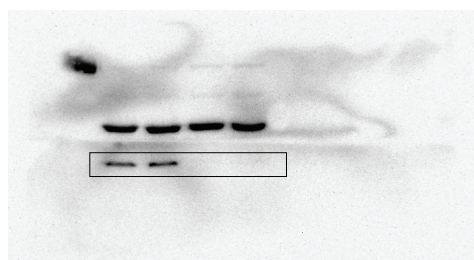
P53



$\Delta 113$ P53



Wdr5



β -Actin

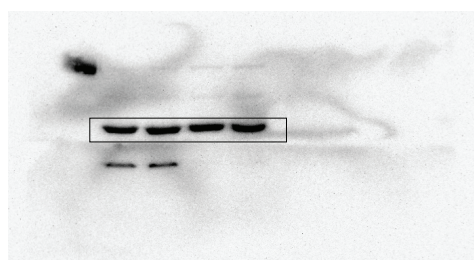
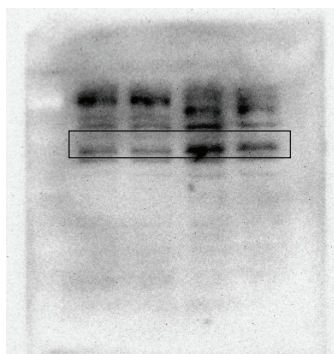


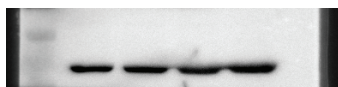
Figure. 6

e

P53



Wdr5



β -Actin

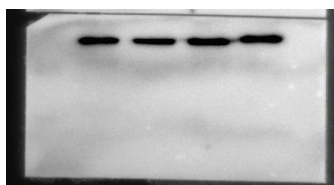
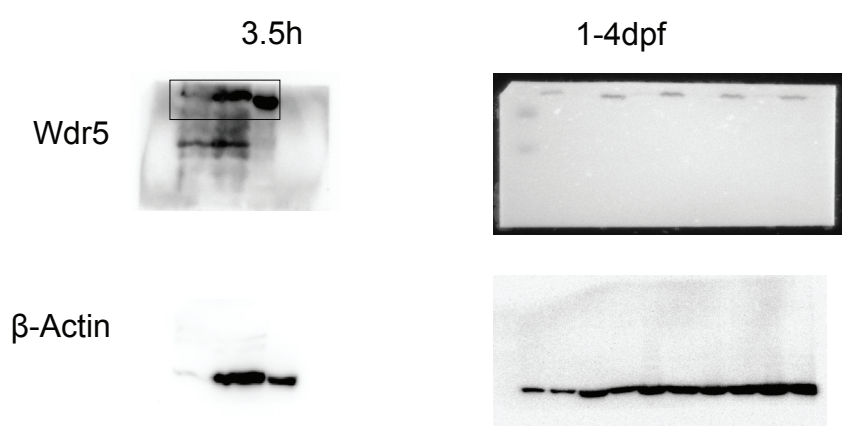


Figure. 7

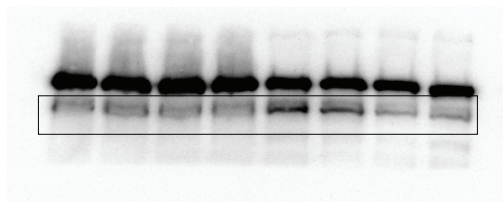
a



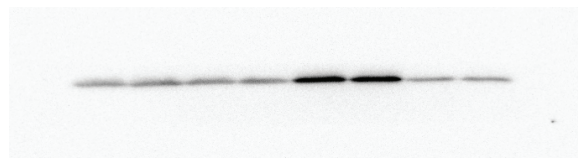
Supplementary Fig.1

d

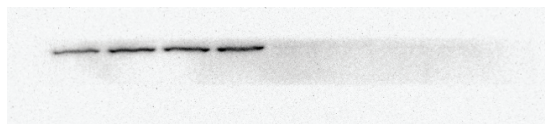
β -Catenin



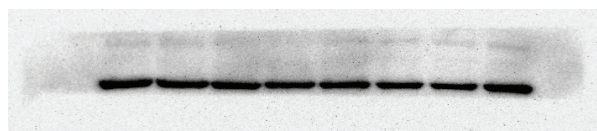
pH3



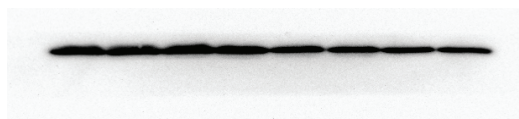
Wdr5



β -Actin



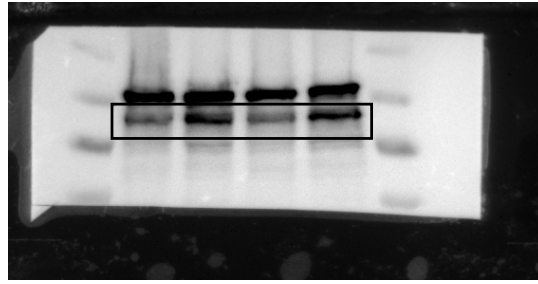
H3



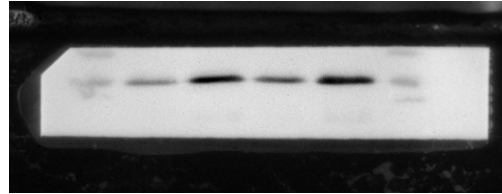
Supplementary Fig.6

f

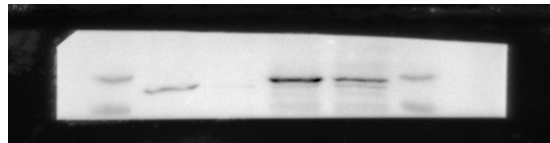
β -Catenin



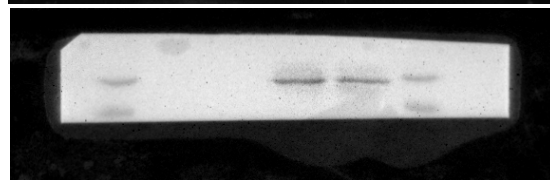
pH3



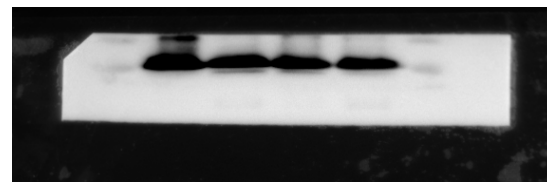
Wdr5



HA



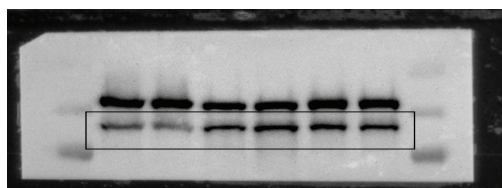
H3



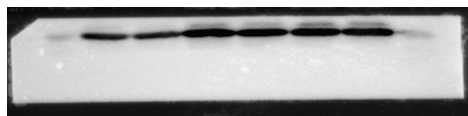
Supplementary Fig.7

d

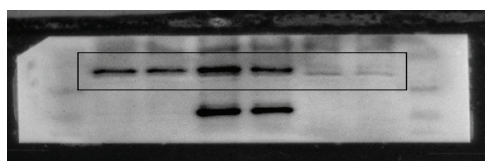
β -Catenin



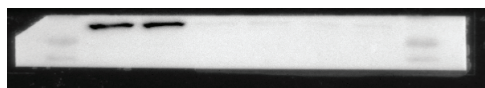
pH3



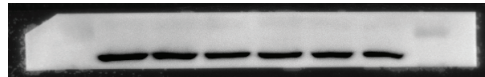
P53



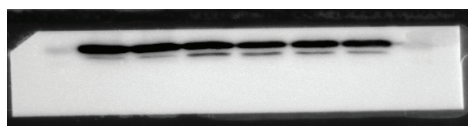
Wdr5



β -Actin



H3



Supplementary Fig.8