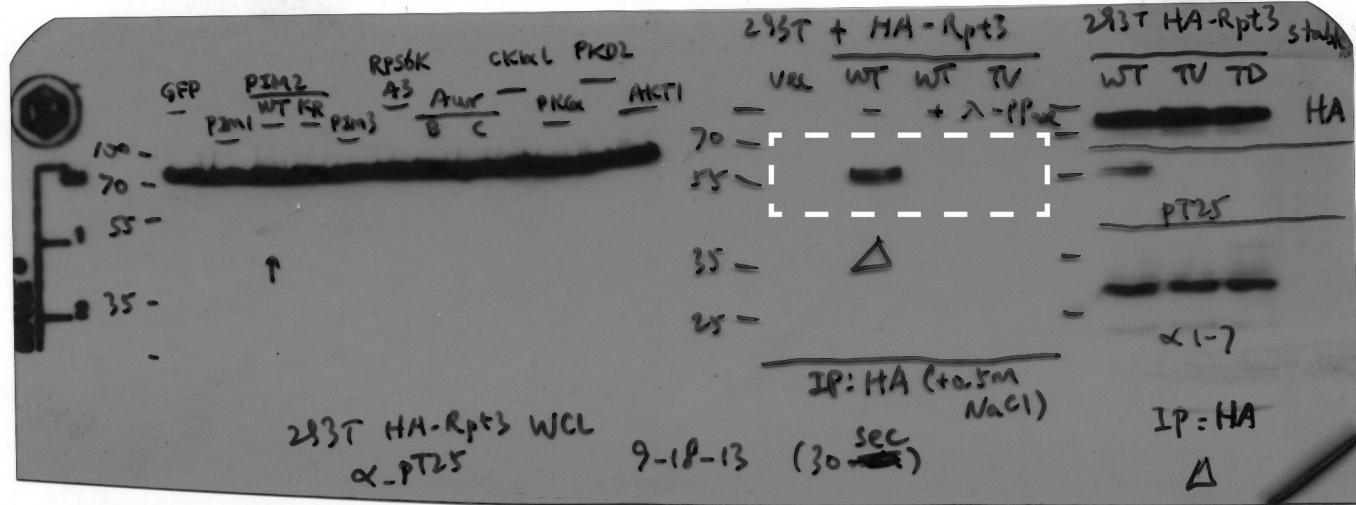
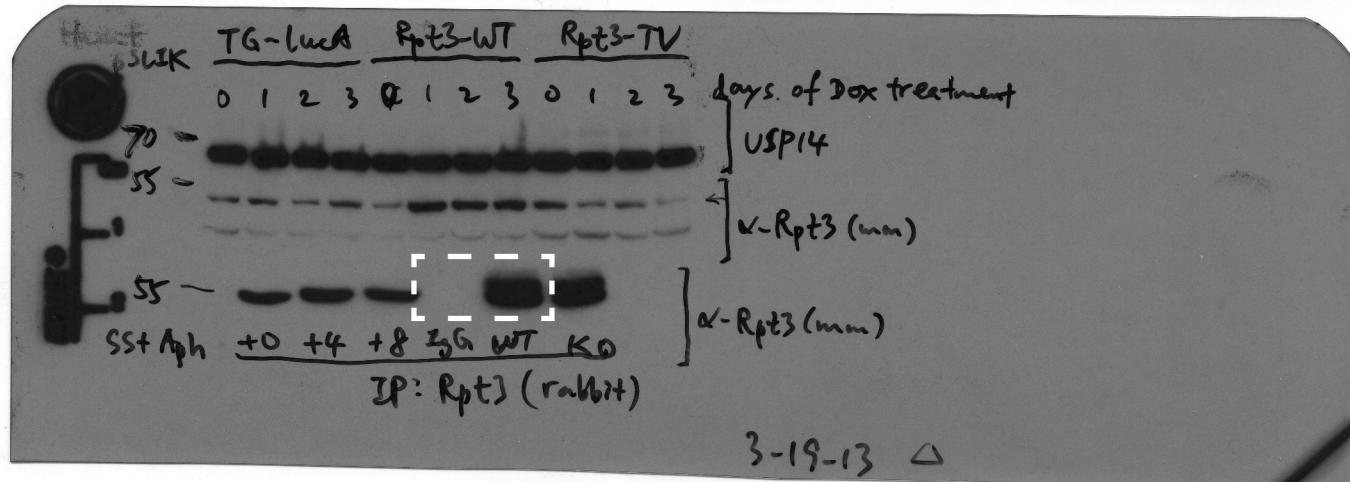
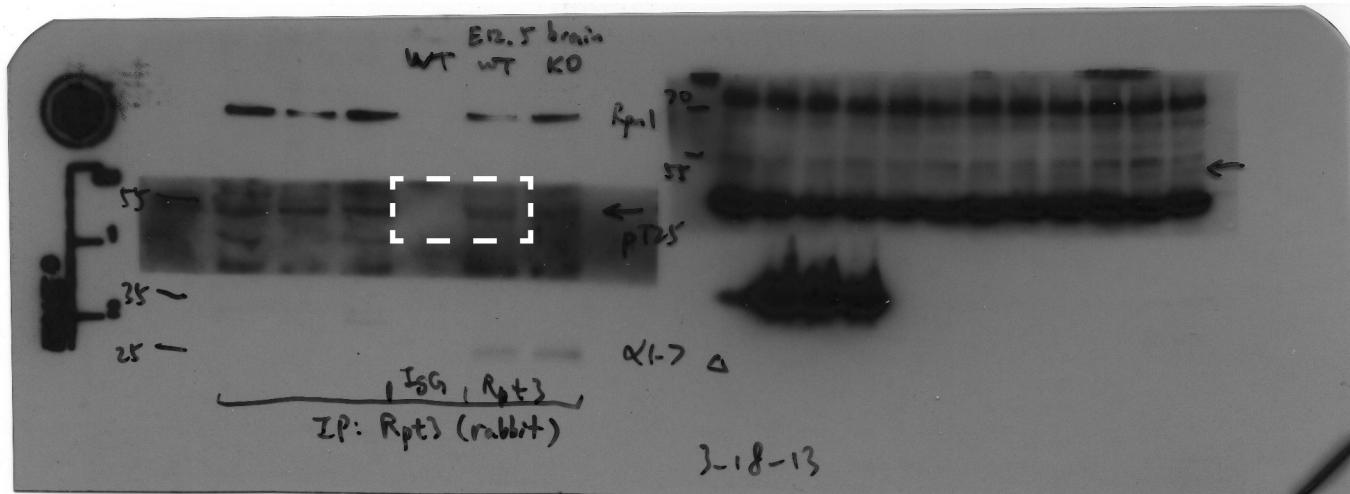


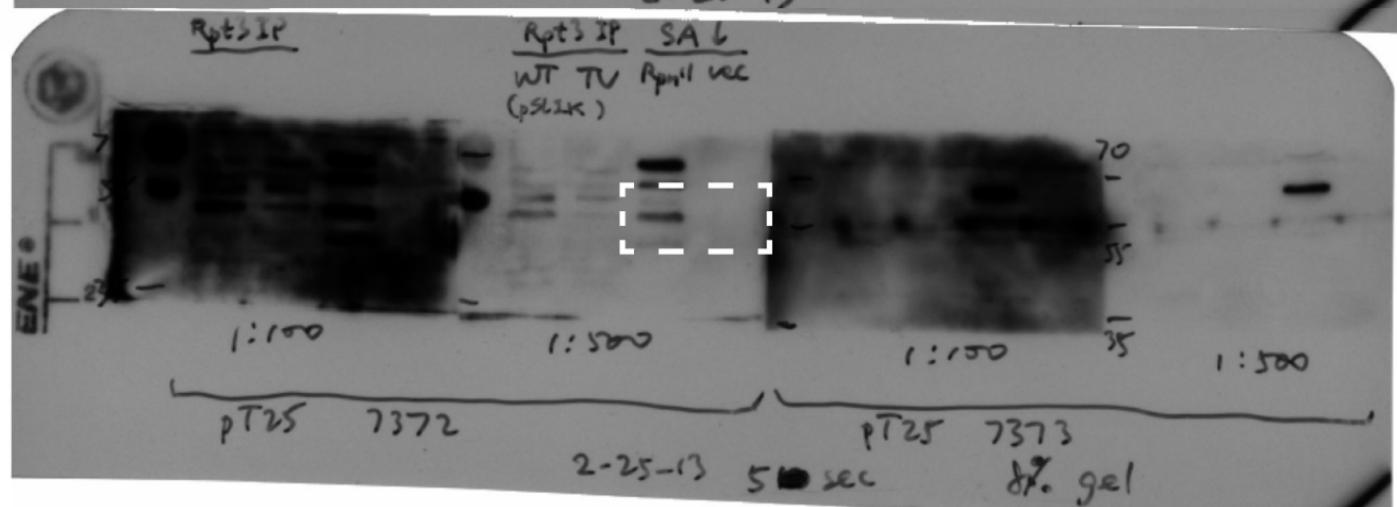
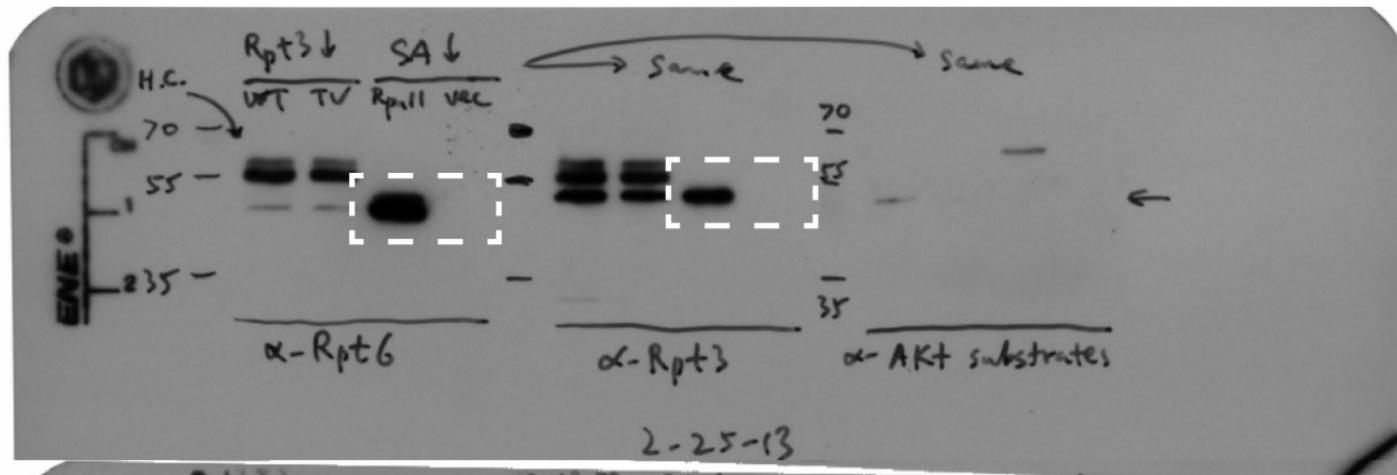
Blots for Fig. 1a



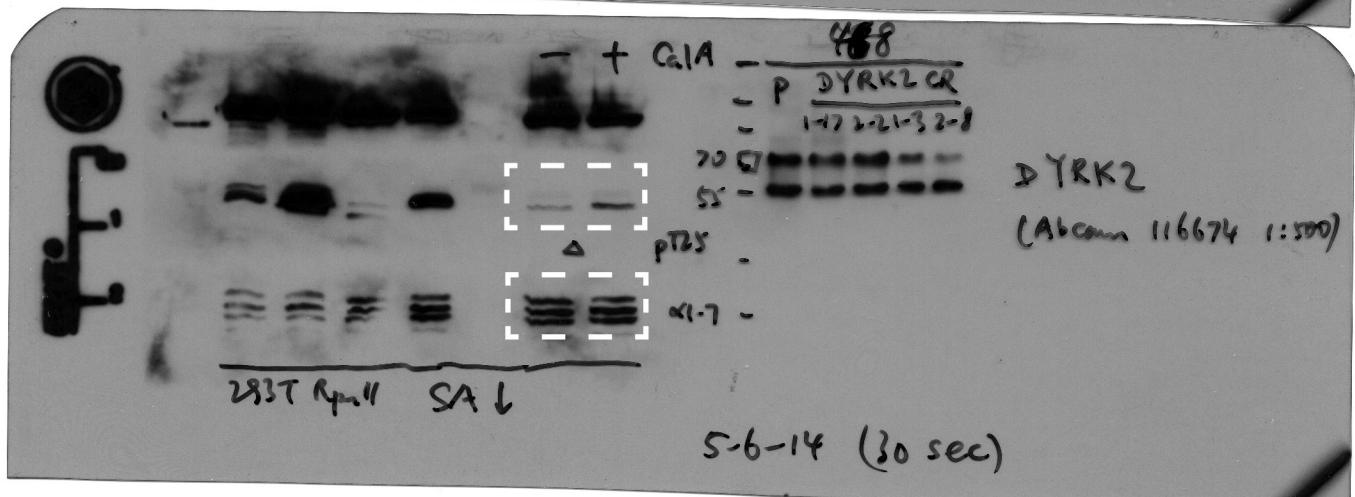
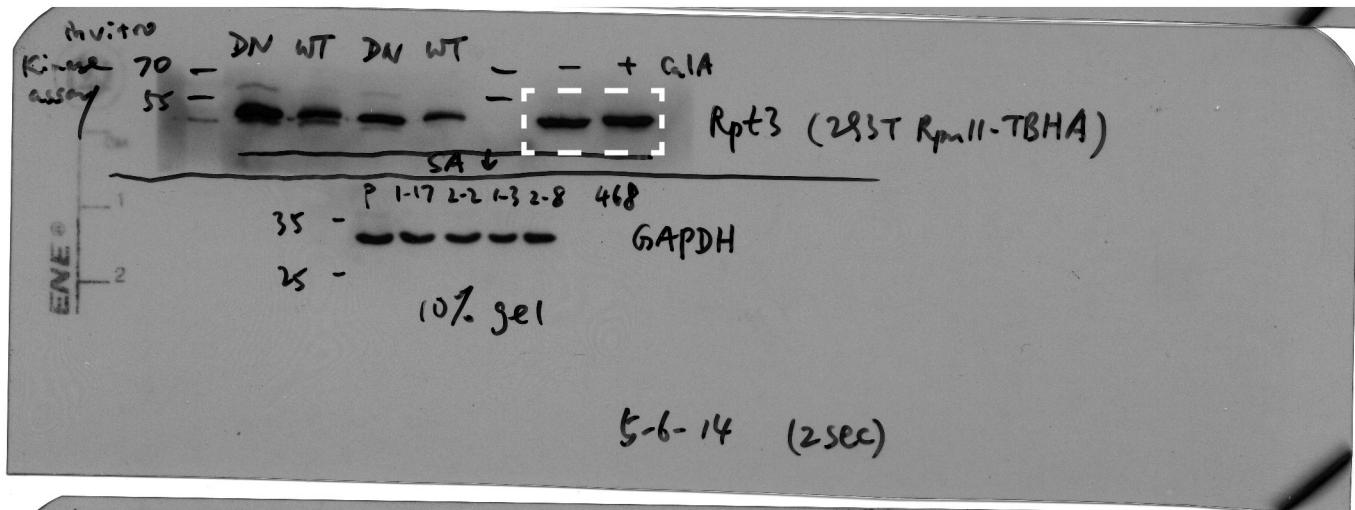
Blots for Fig. 1b



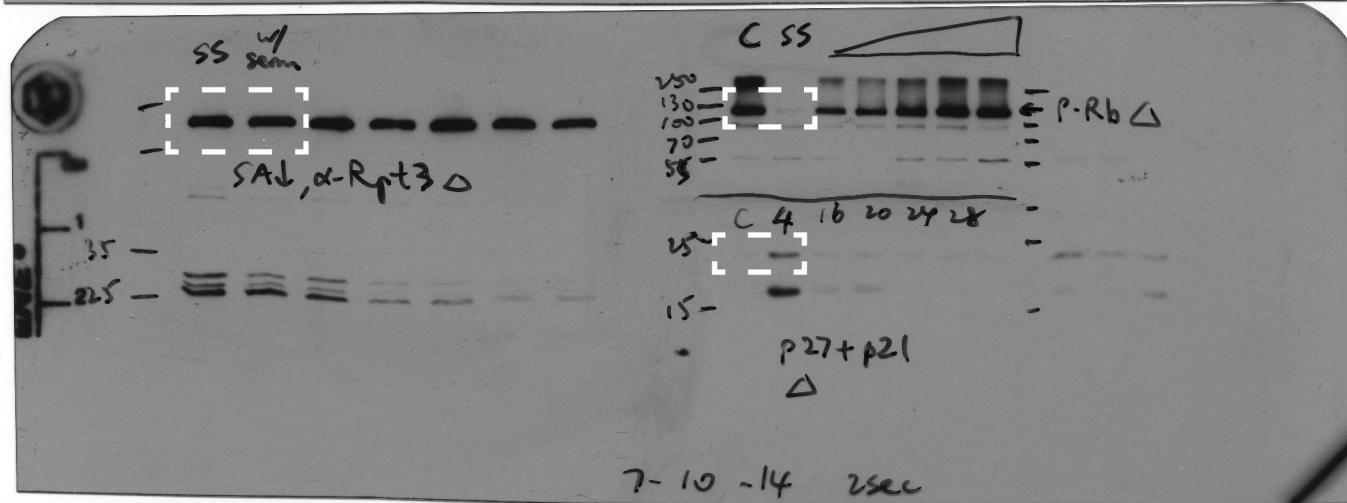
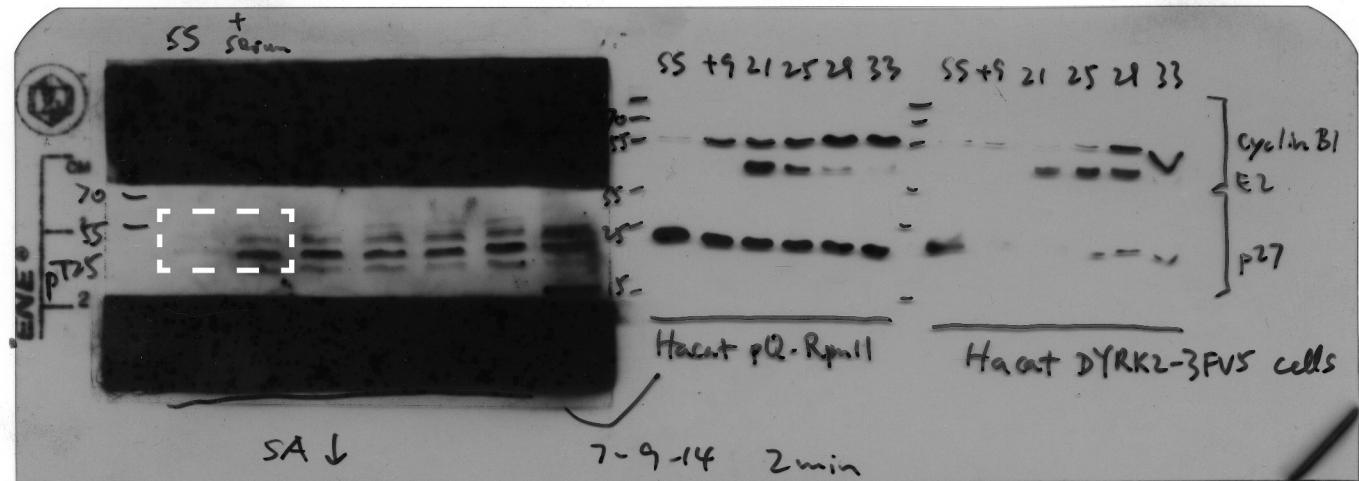
Blots for Fig. 1c



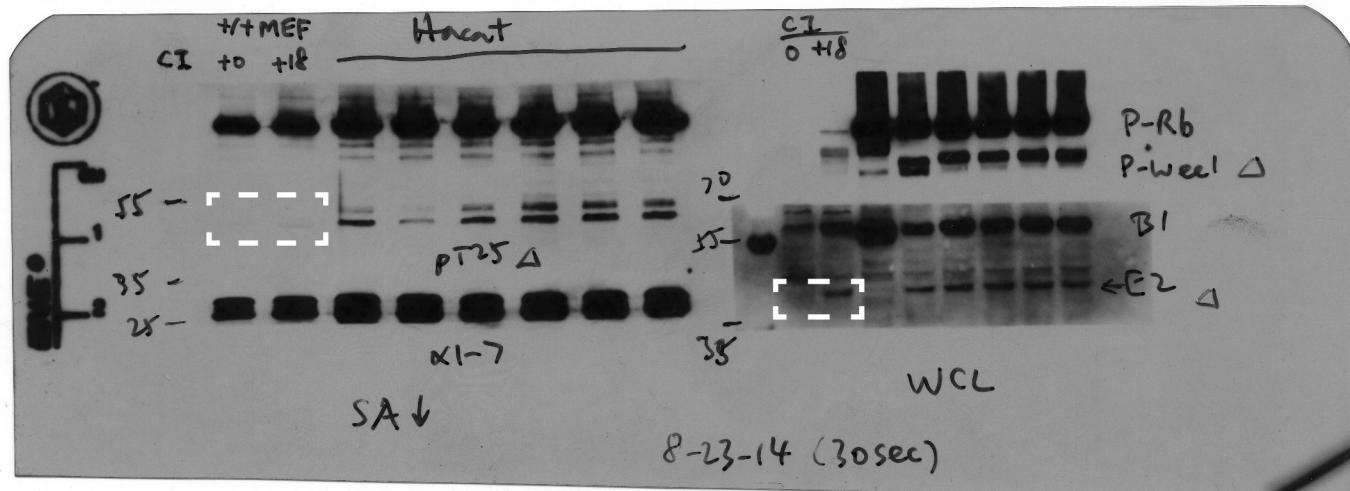
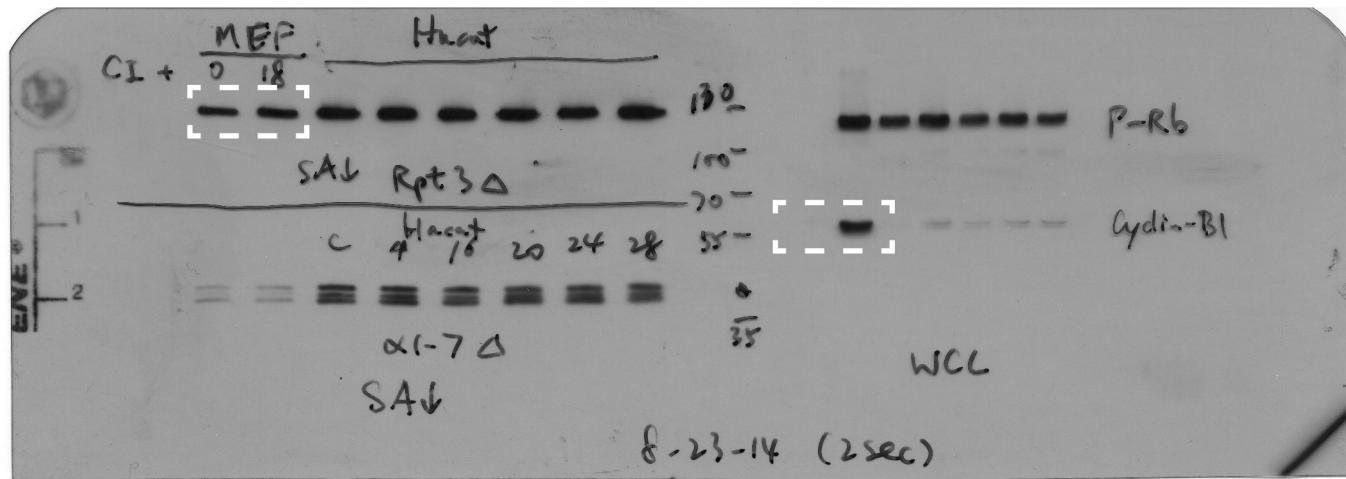
Blots for Fig. 1d



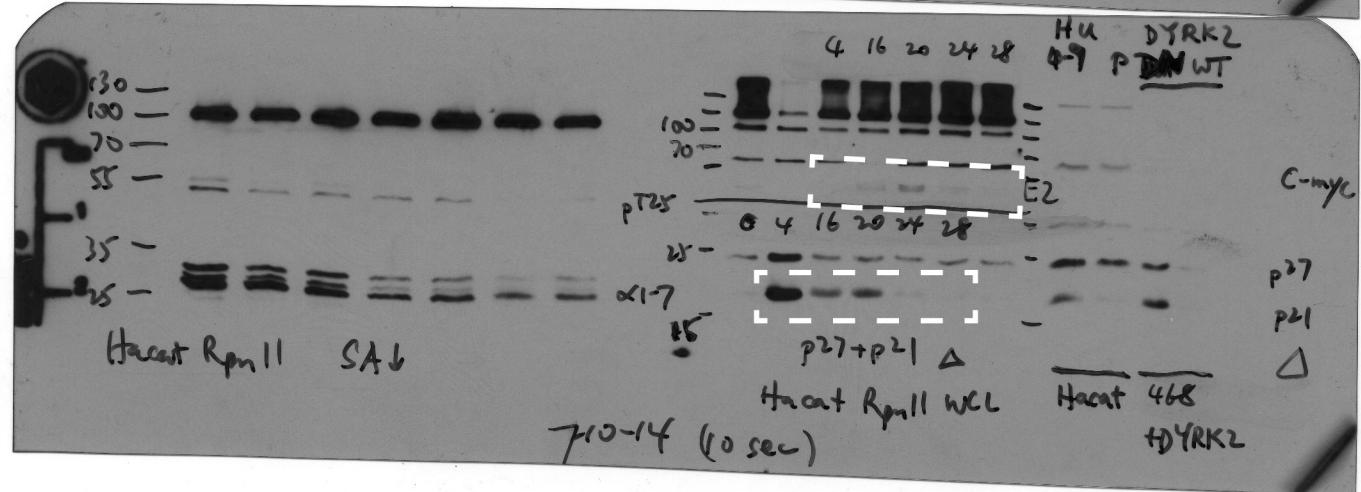
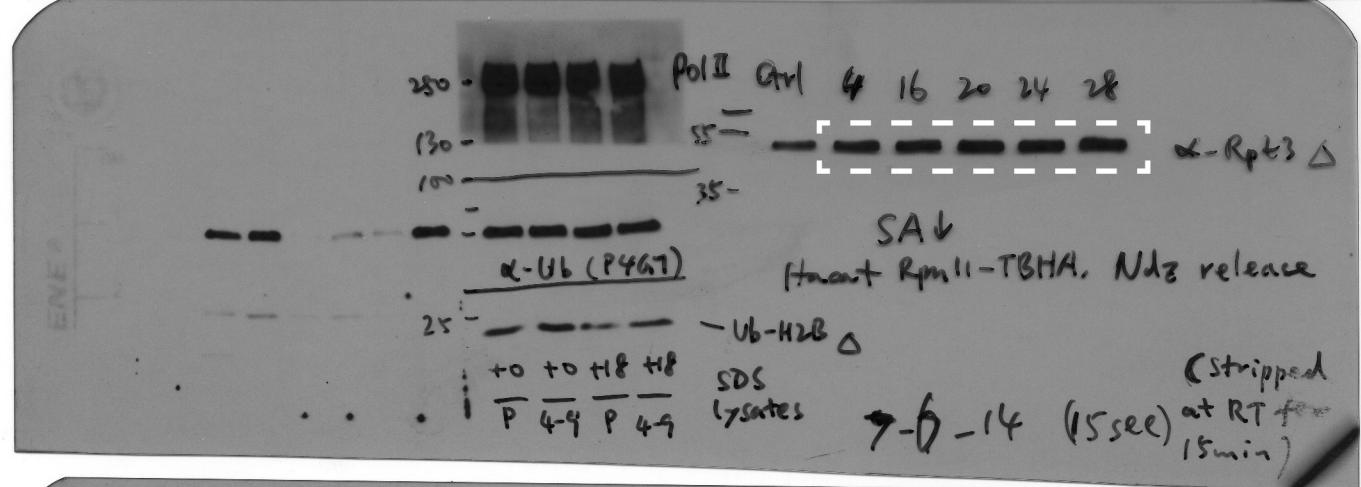
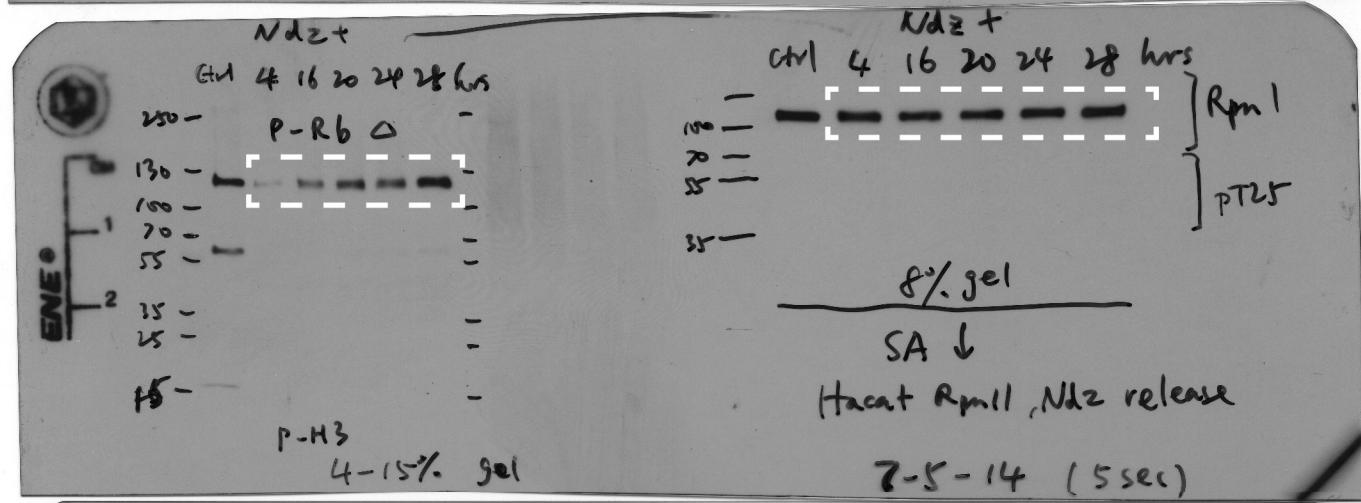
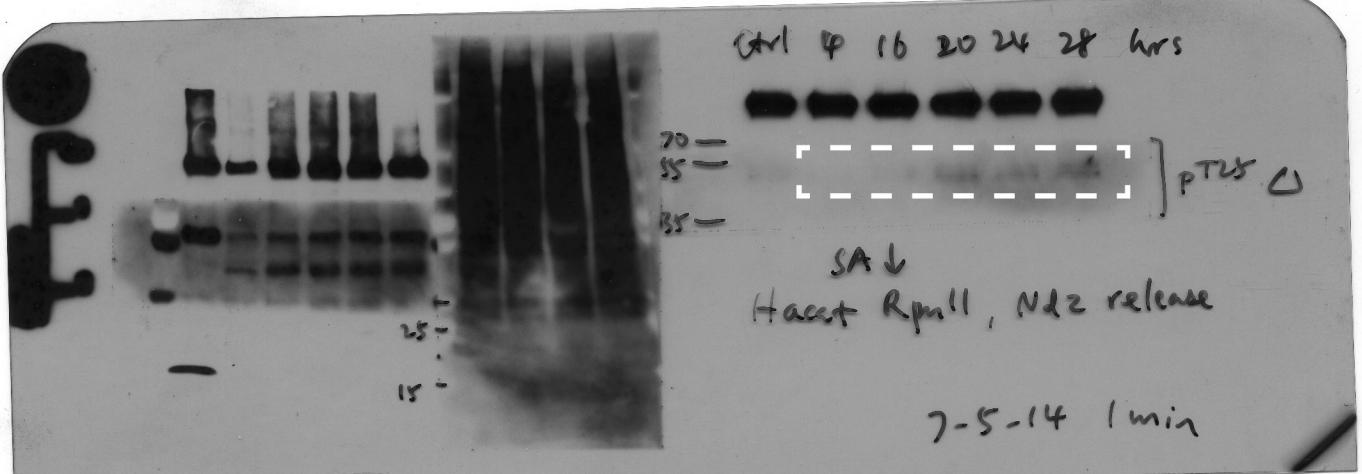
Blots for Fig. 1e



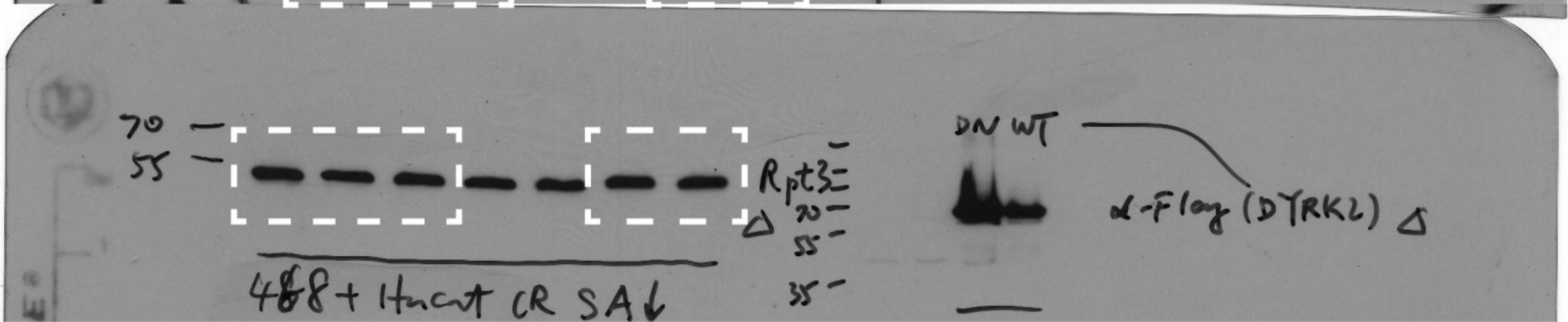
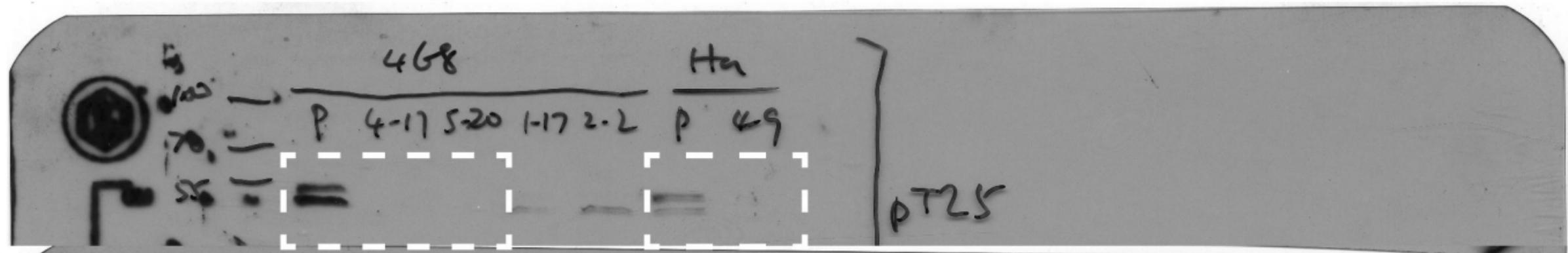
Blots for Fig. 1f



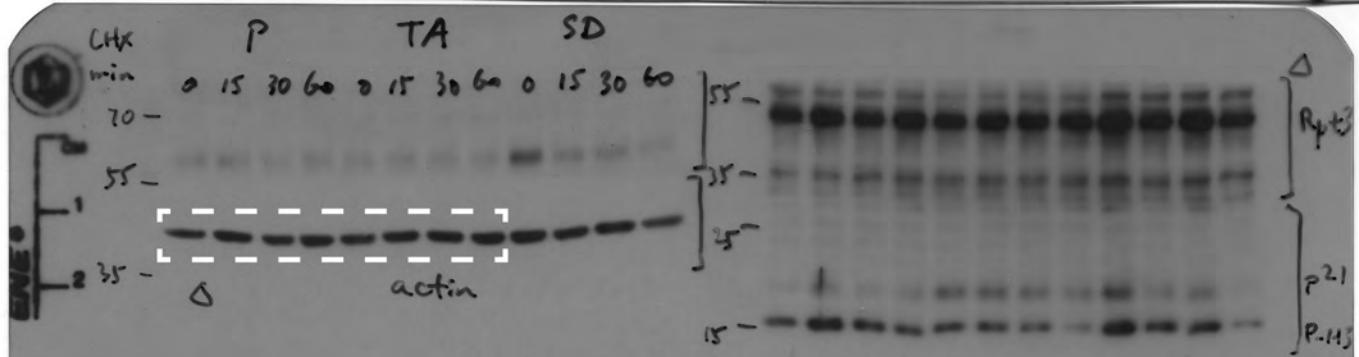
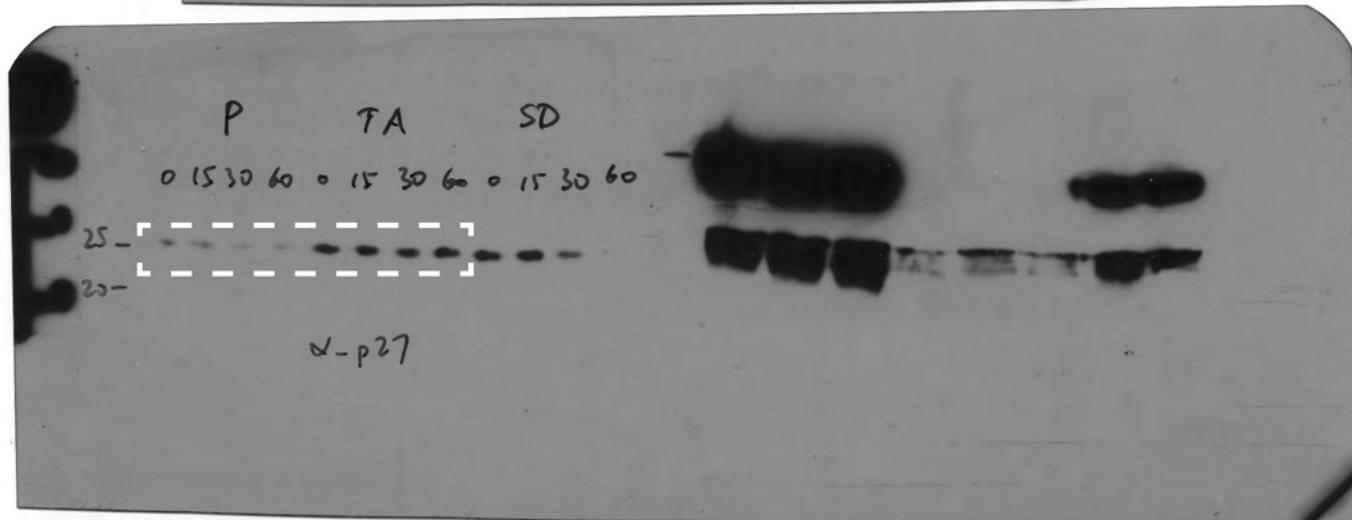
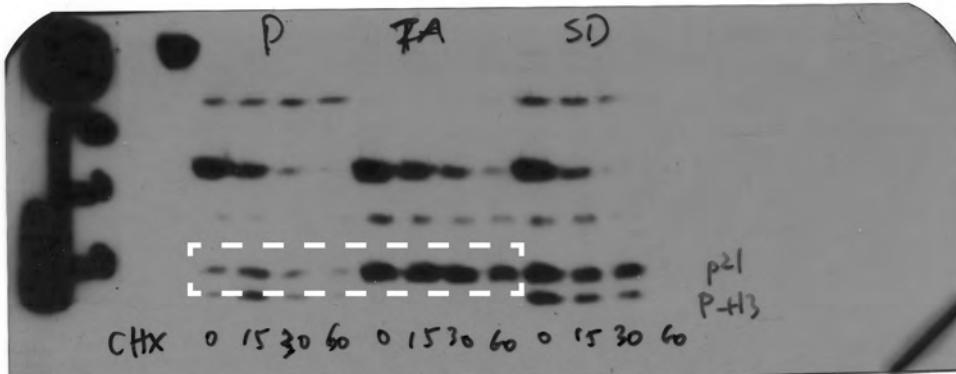
Blots for Fig.1g



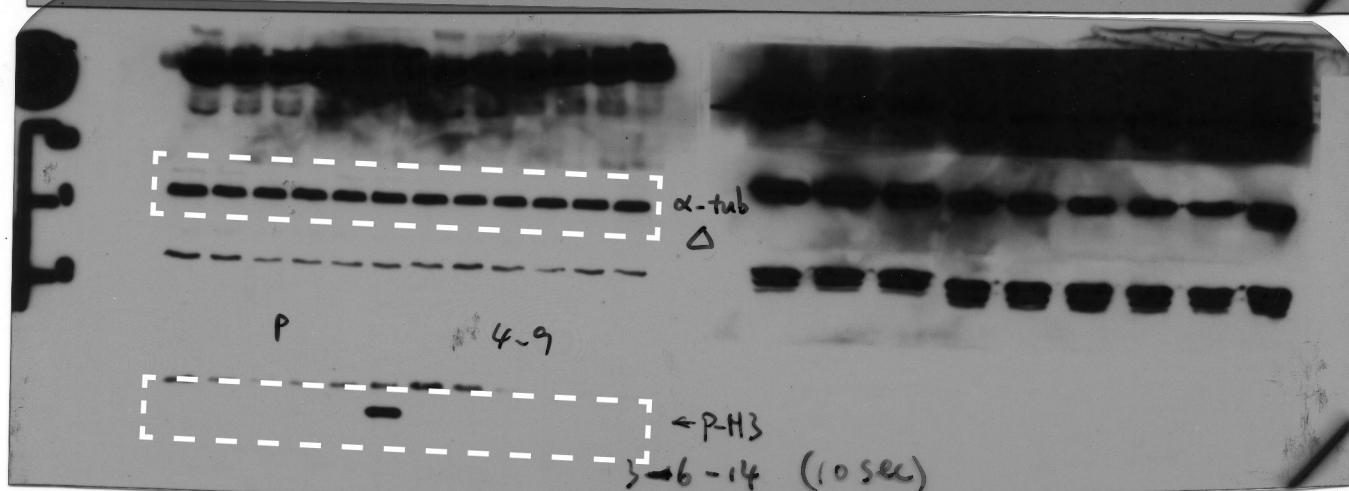
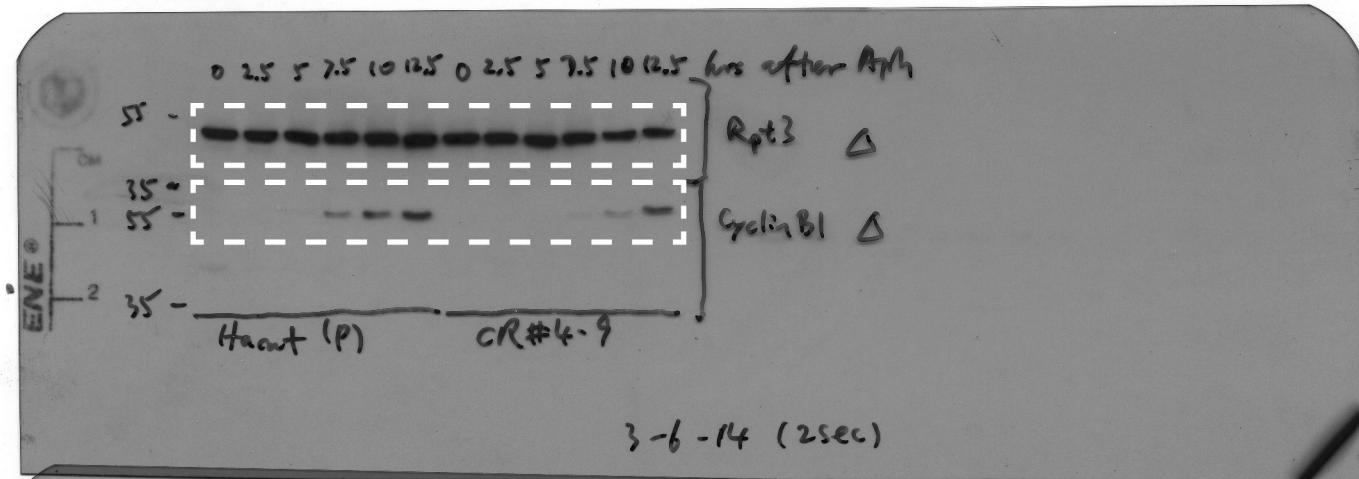
Blots for Fig.2b



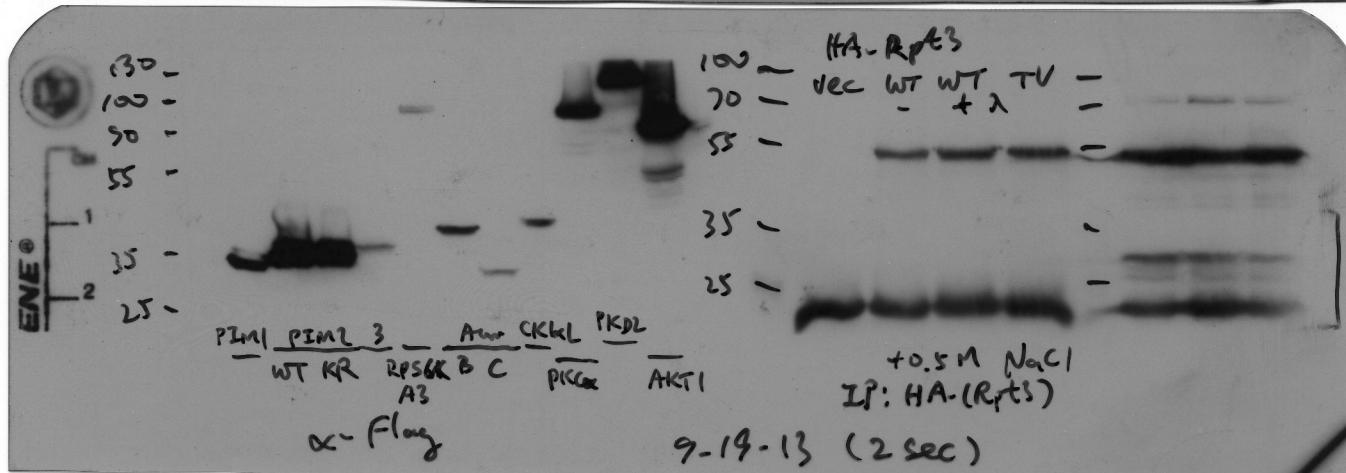
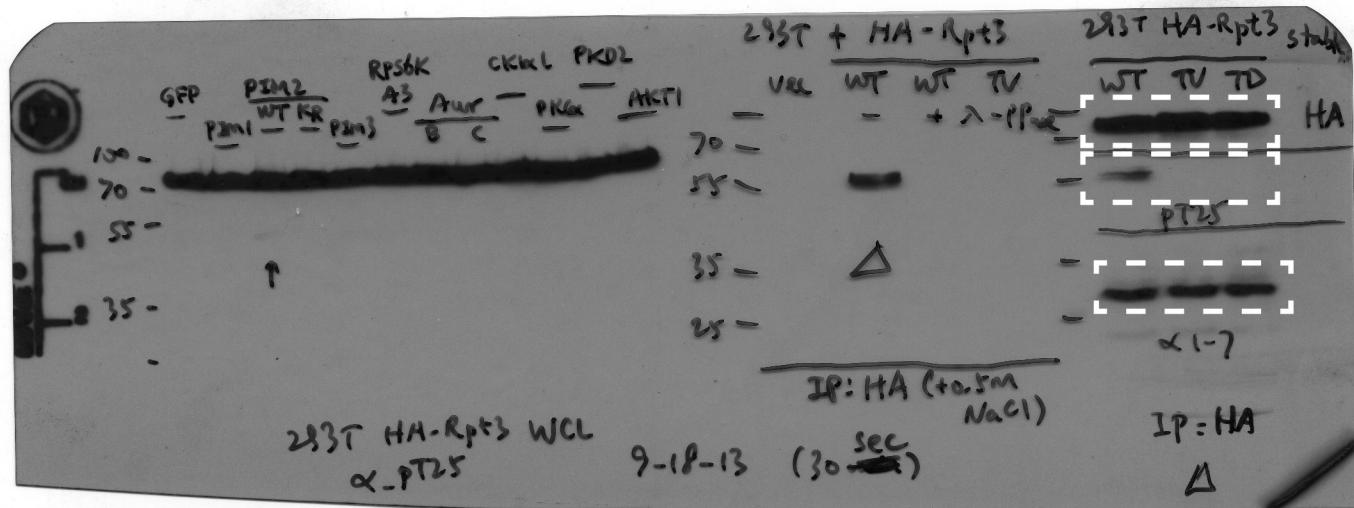
Blots for Fig.2d



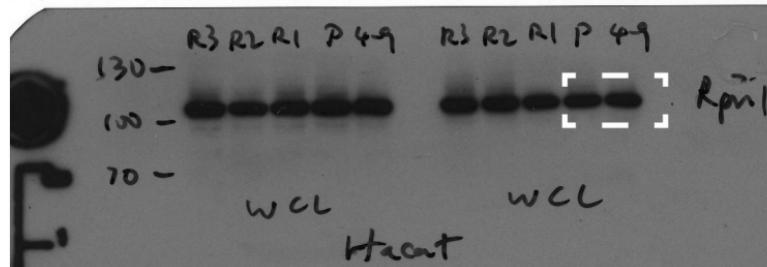
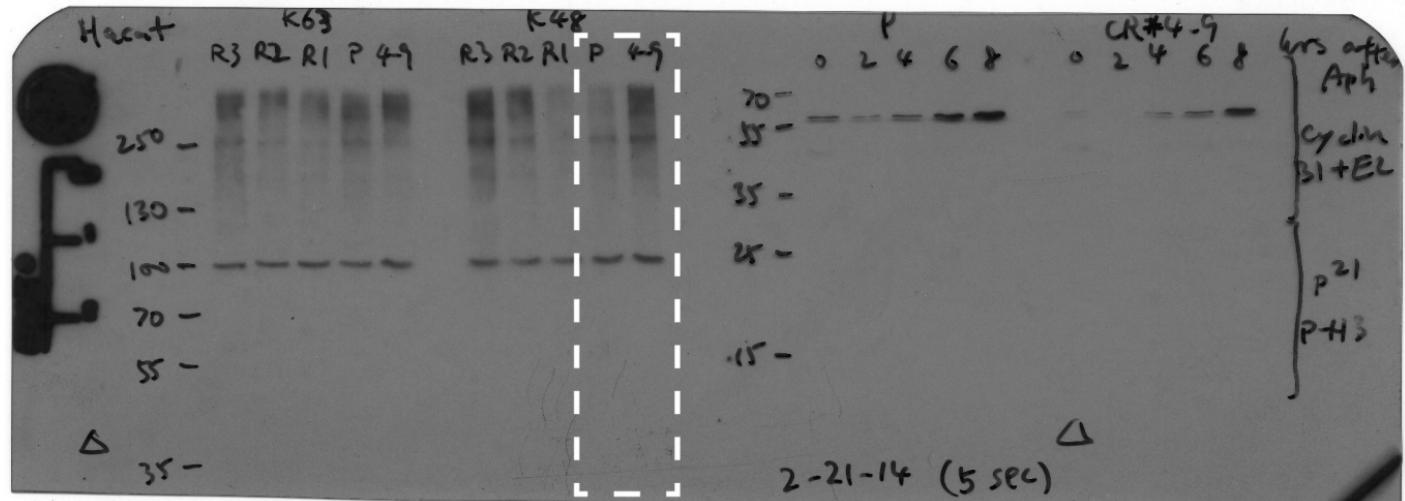
Blots for Fig.2f



Blots for Fig.3c

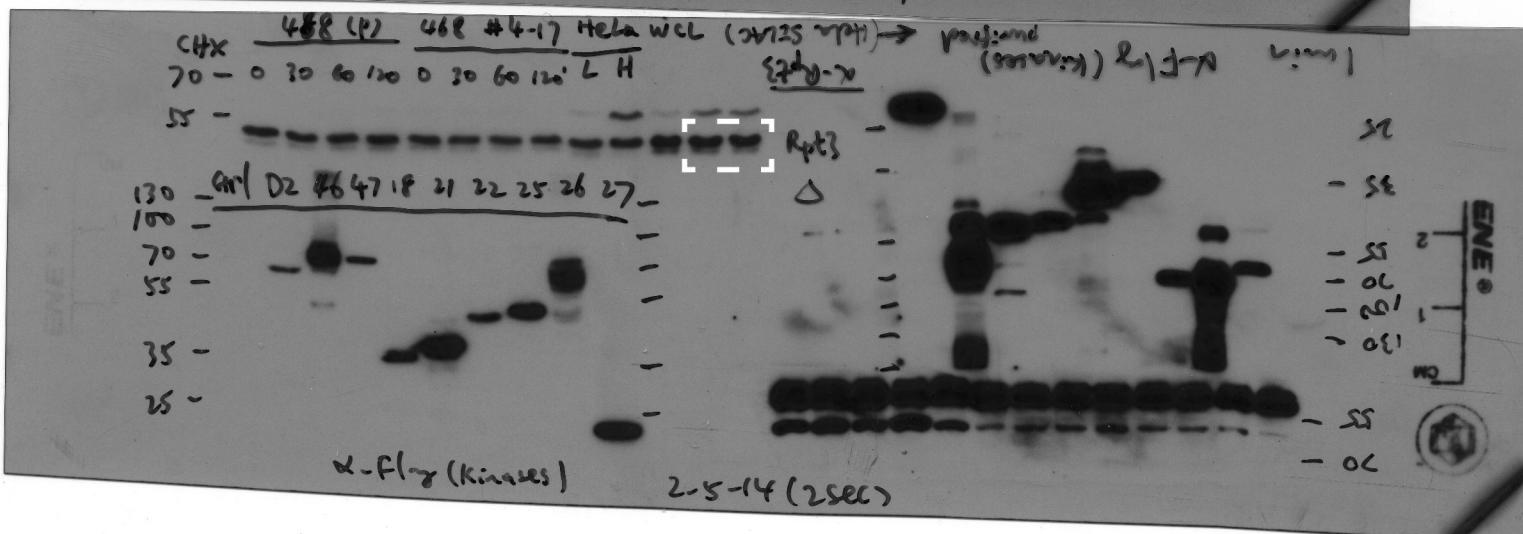
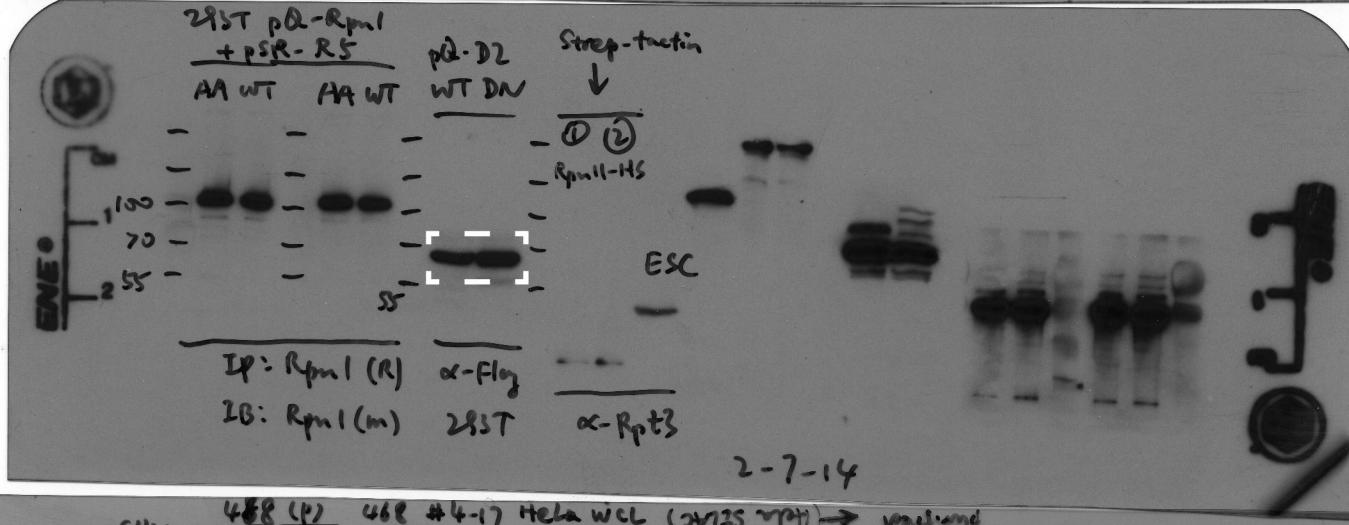
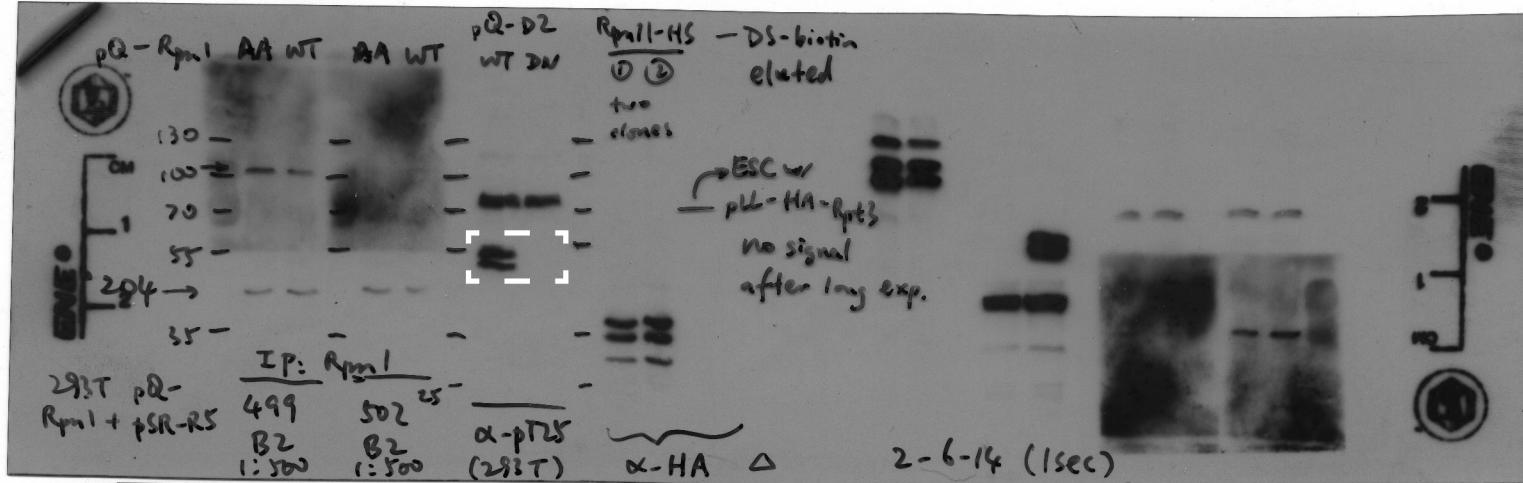


Blots for Fig.3d

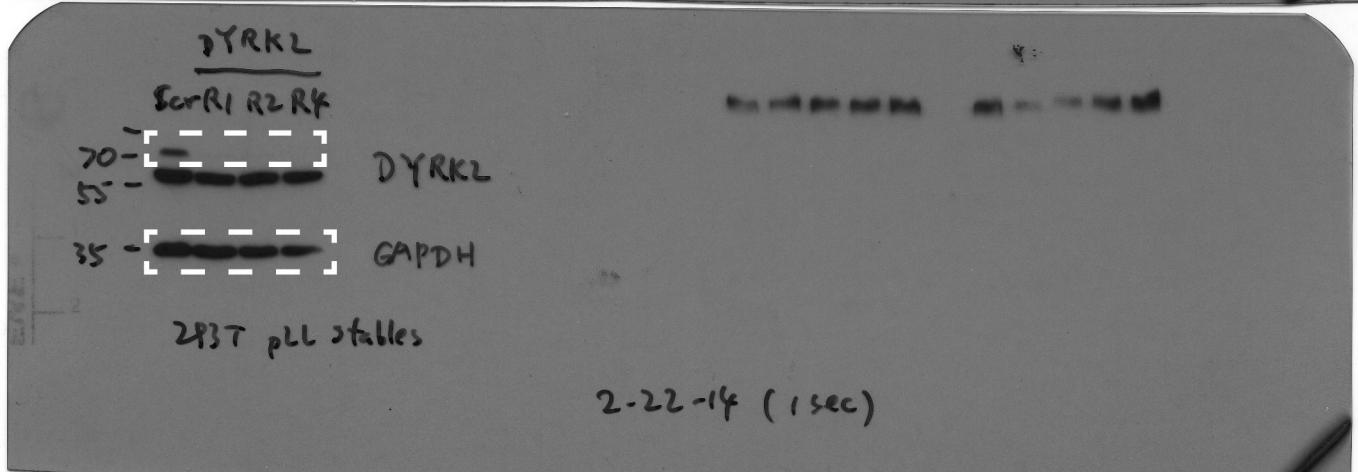
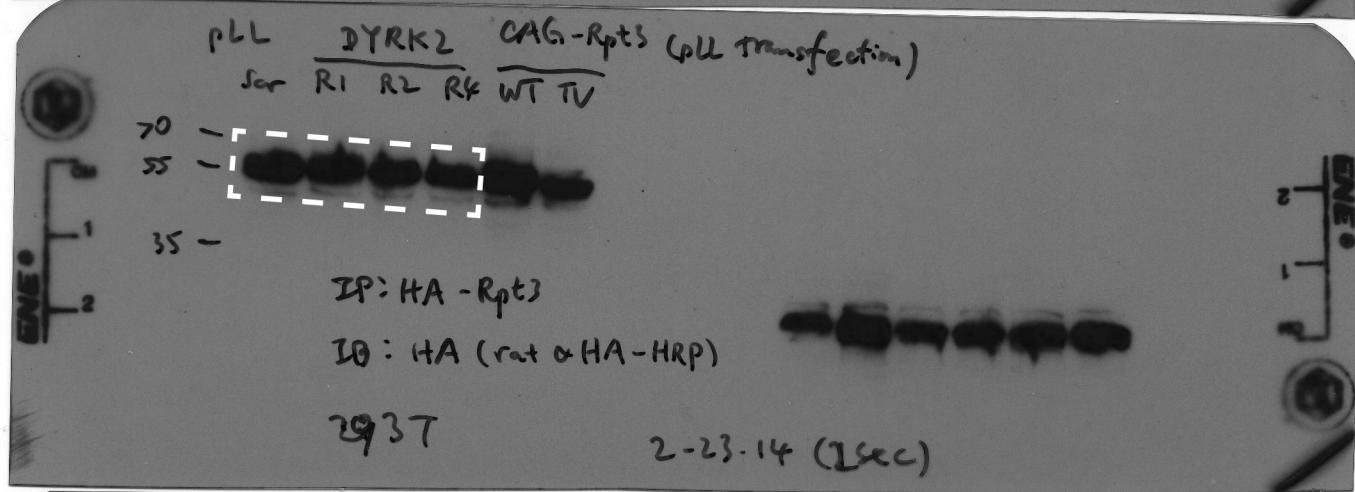
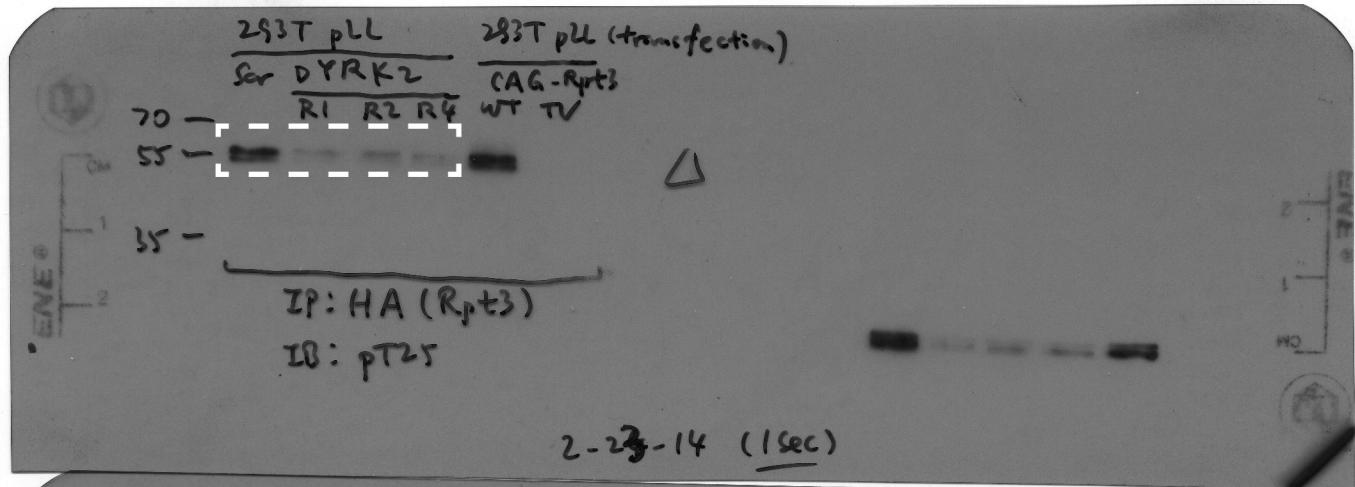


2-21-14 (5 sec)

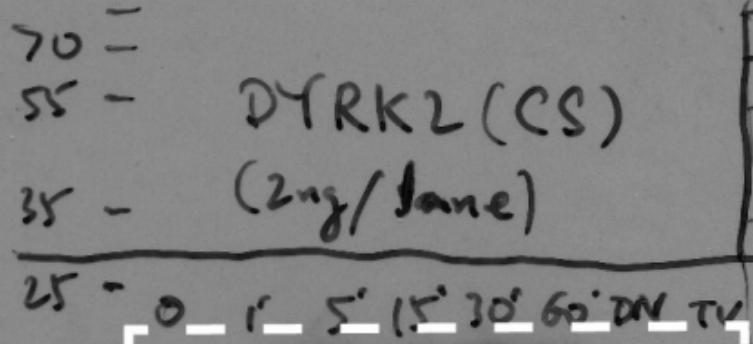
Blots for Fig.4b



Blots for Fig.4d

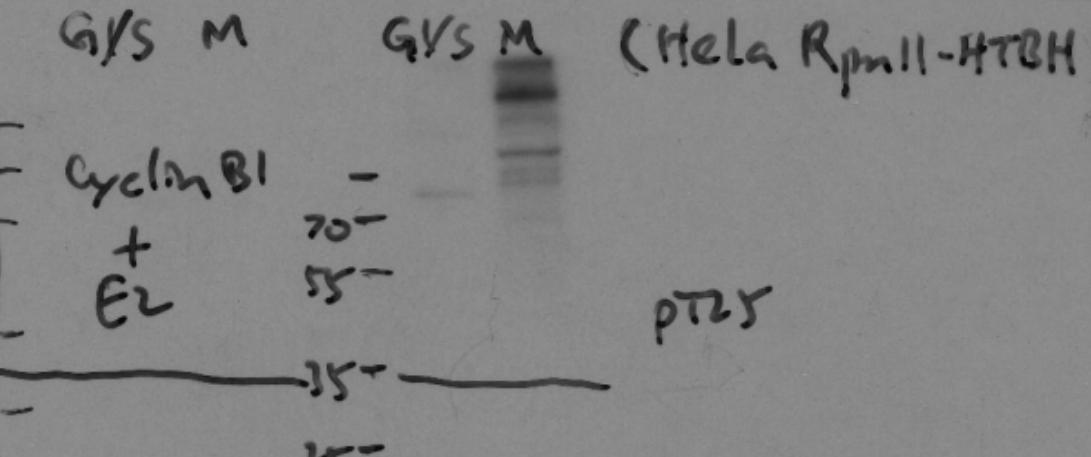


Blots for Fig.4e



Kinase assay: R_pt3(1-148) + DYRK2

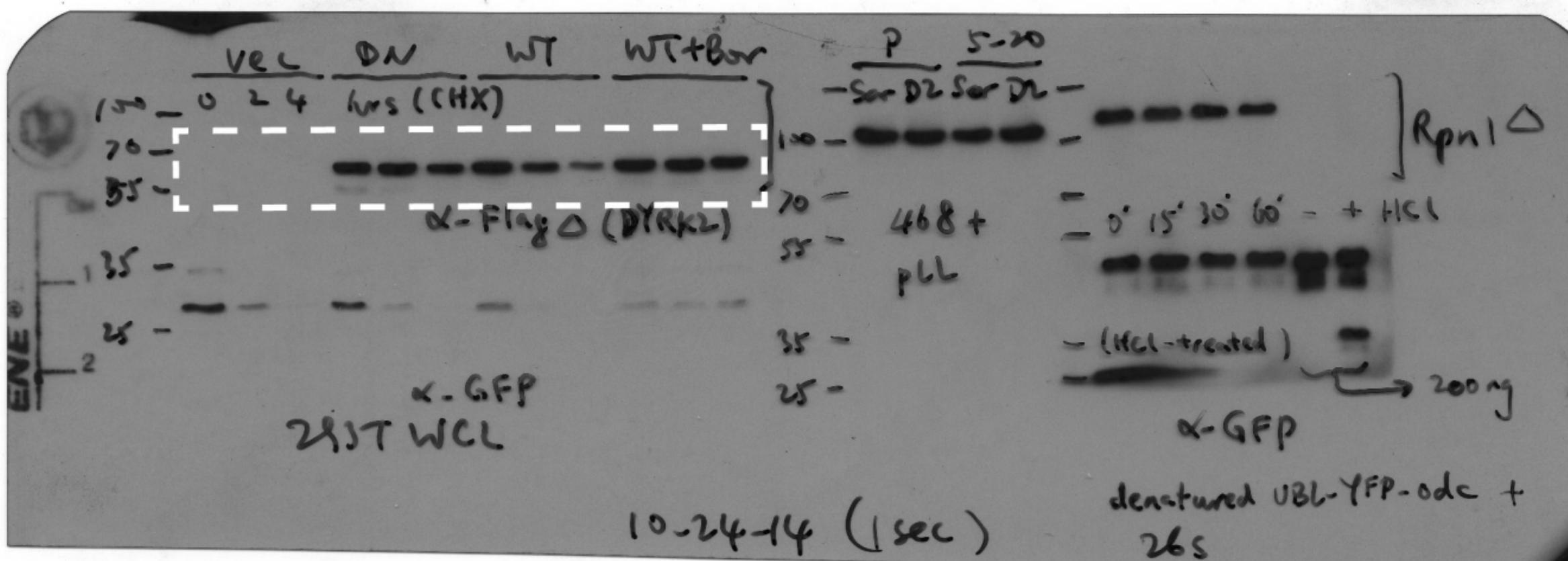
PT25 △



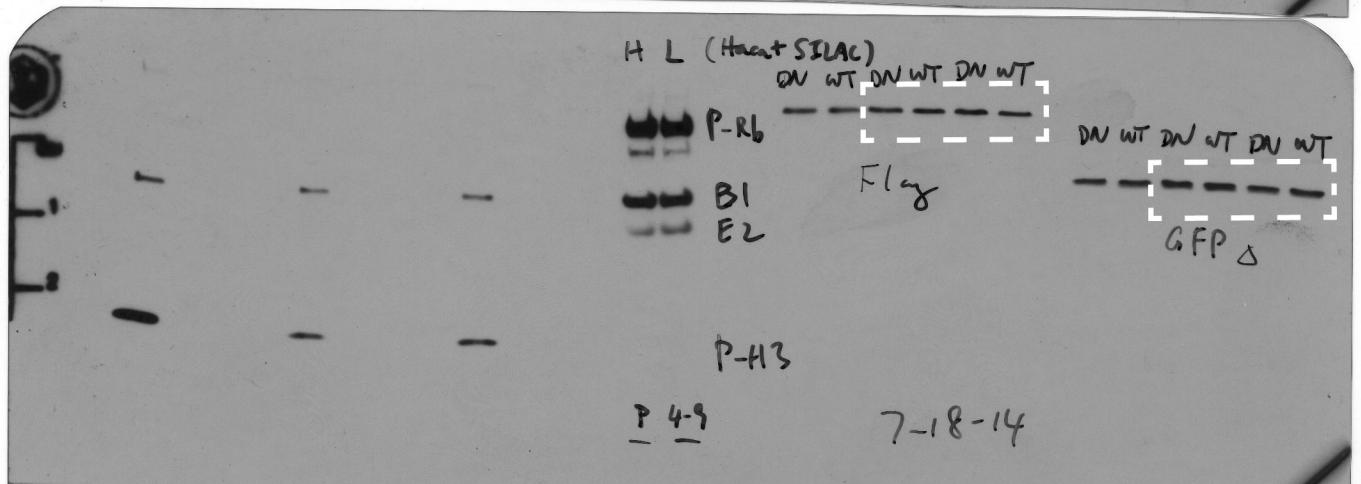
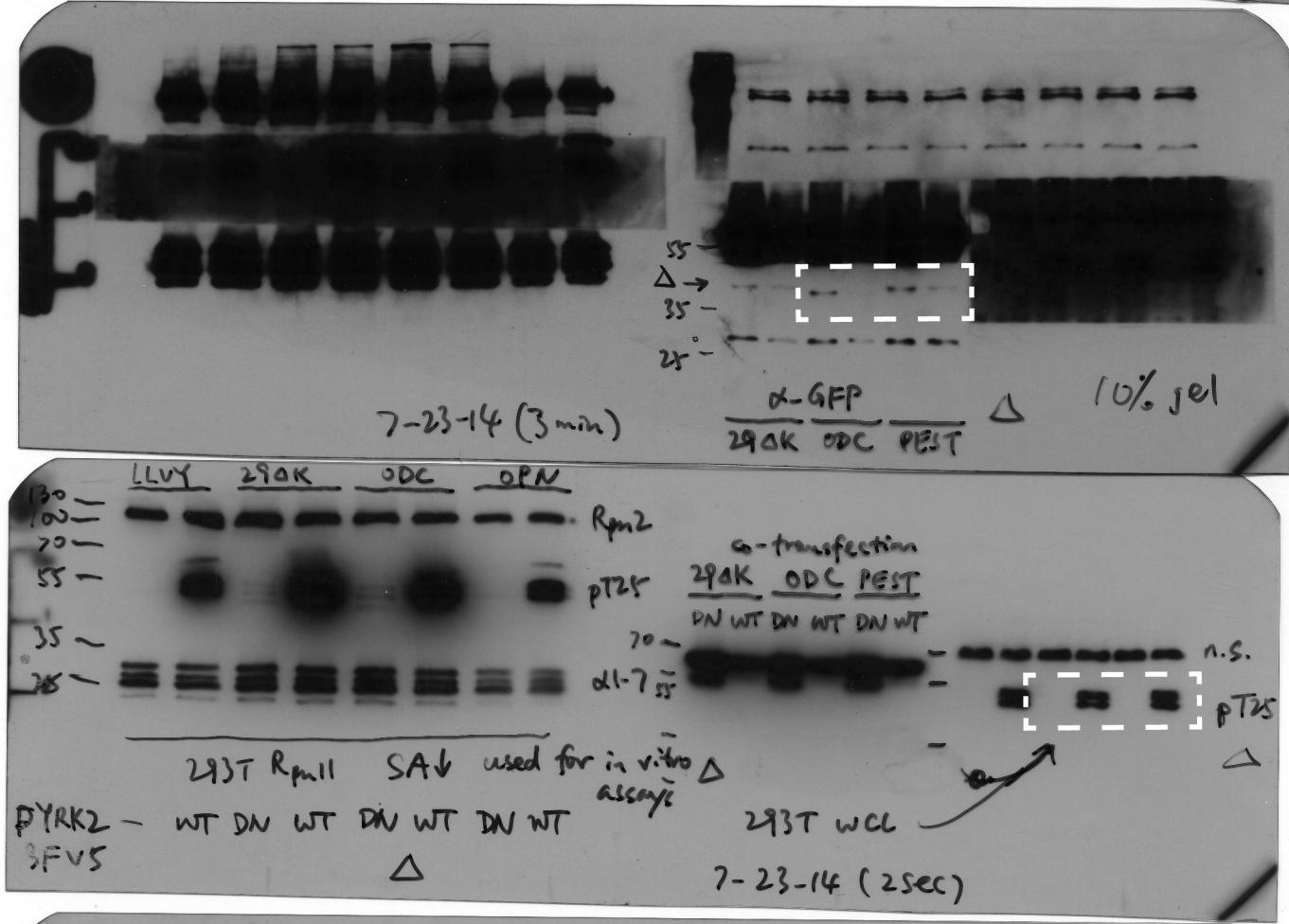
H2AX 15- P-H3

(-7-14 (1 sec)) △

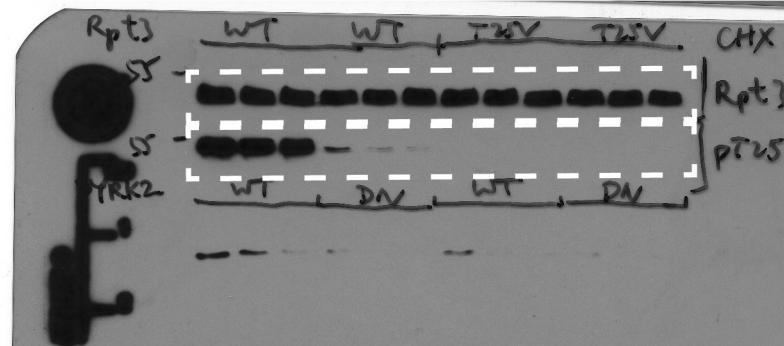
Blots for Fig.5b



Blots for Fig.5c

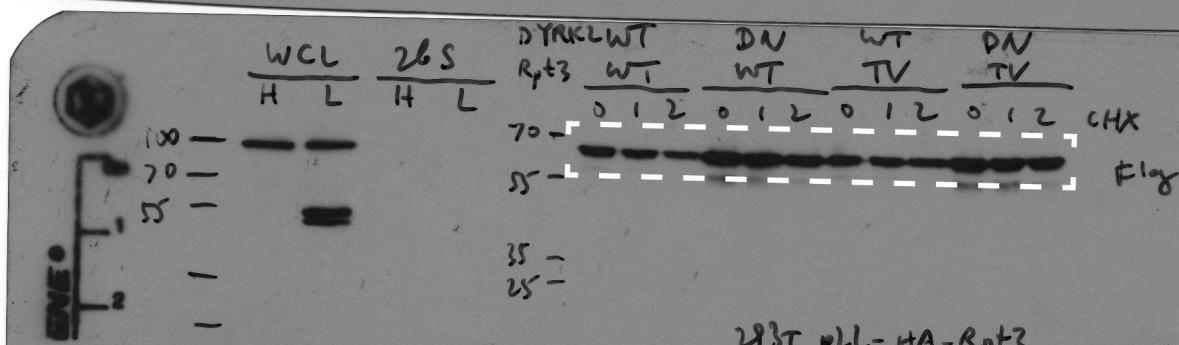


Blots for Fig.5d



293T PLL-Rpt3-R2+
HA-Rpt3

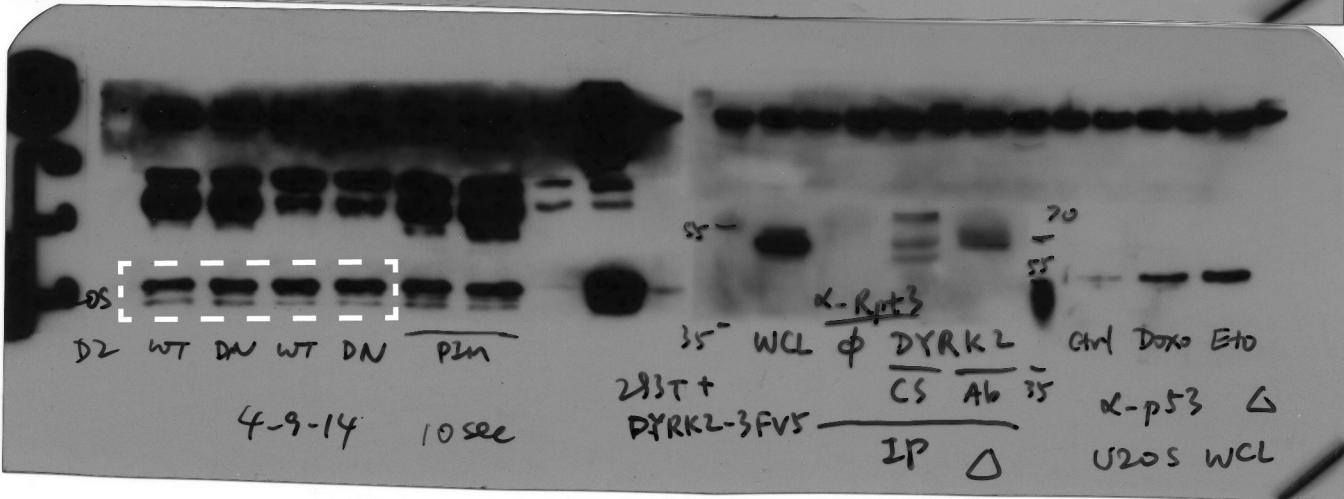
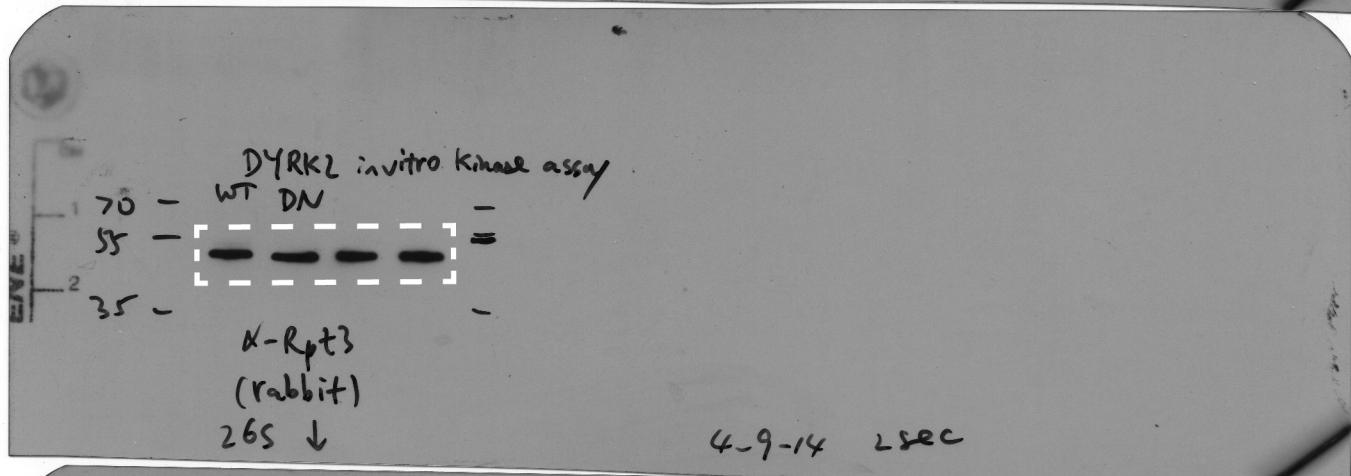
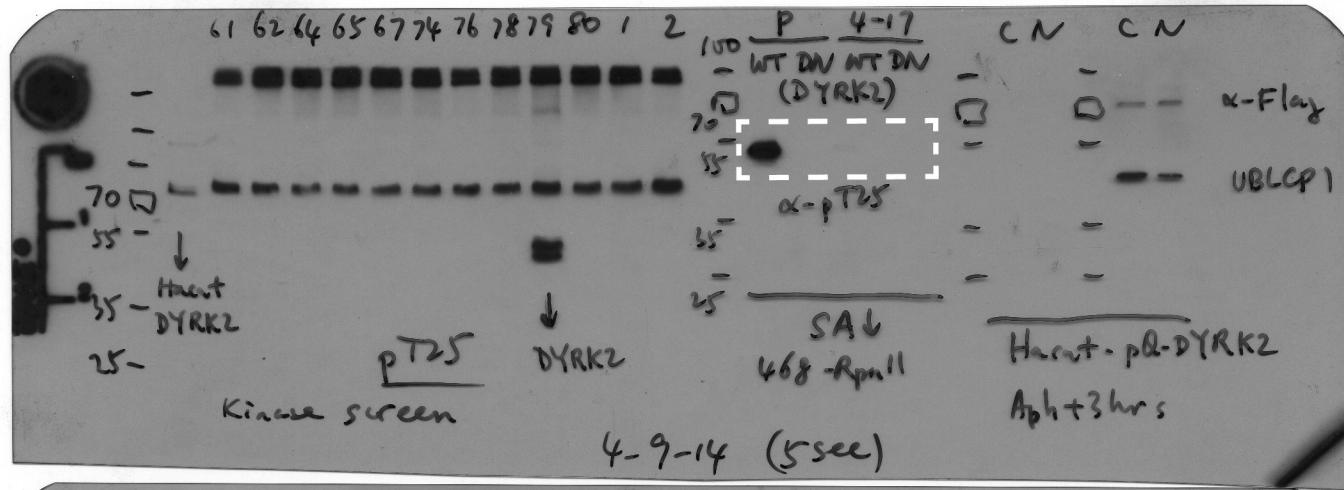
11-6-14 1 min



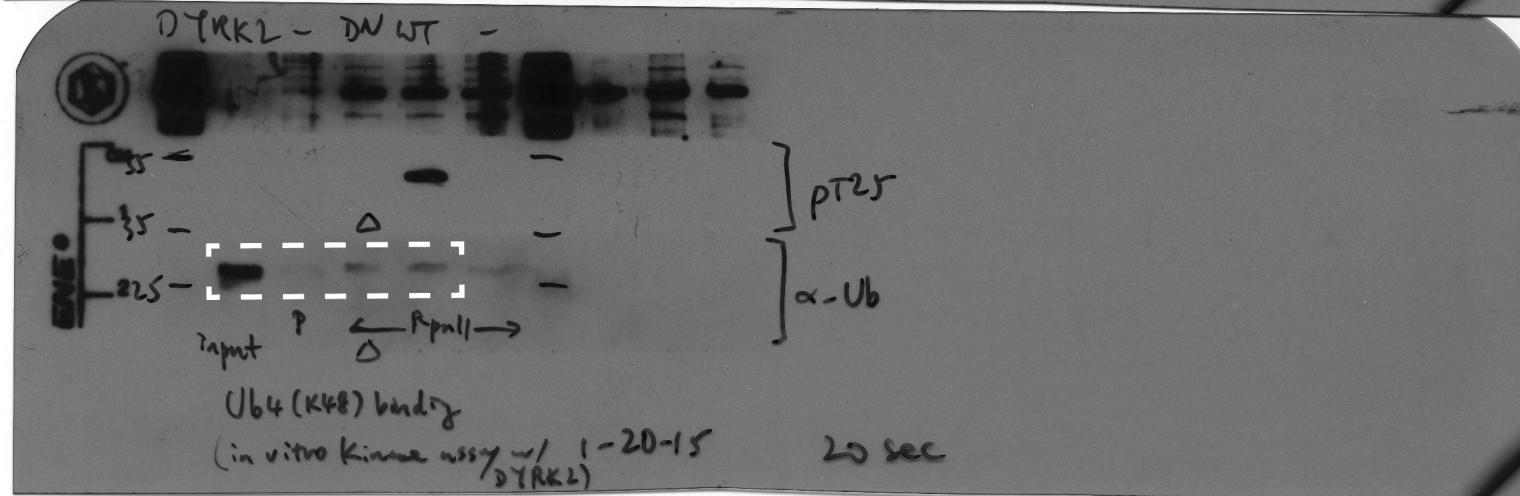
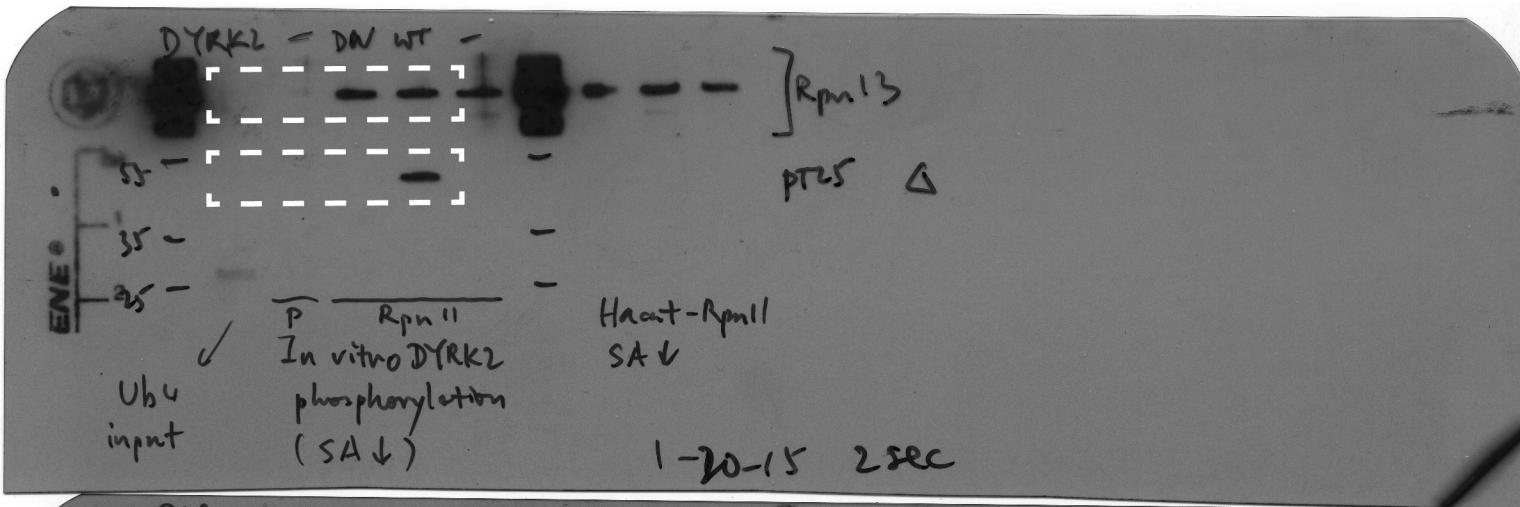
293T PLL-HA-Rpt3

11-6-14 (5 sec, pico)

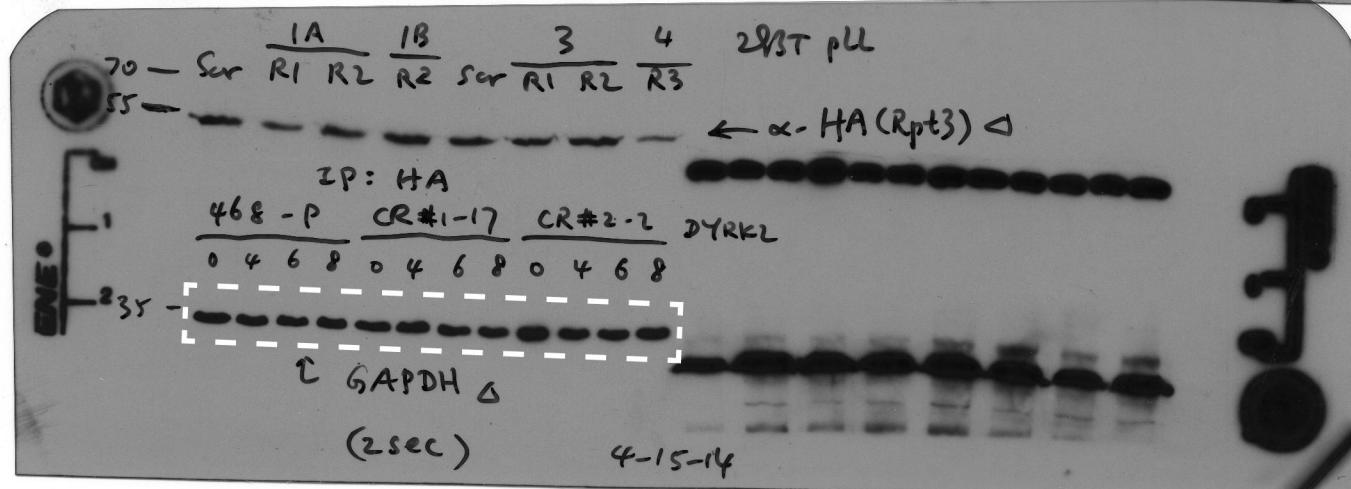
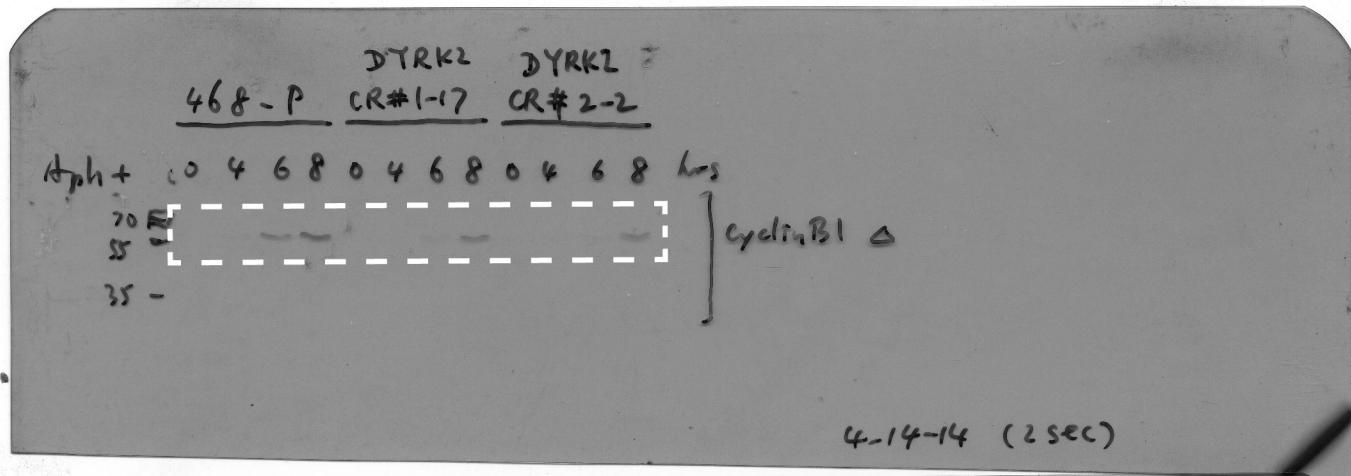
Blots for Fig.5e



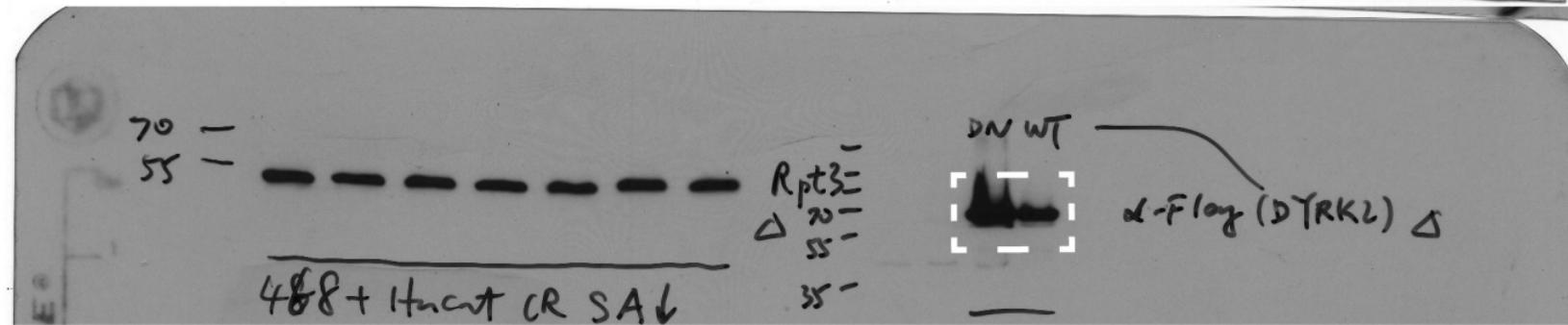
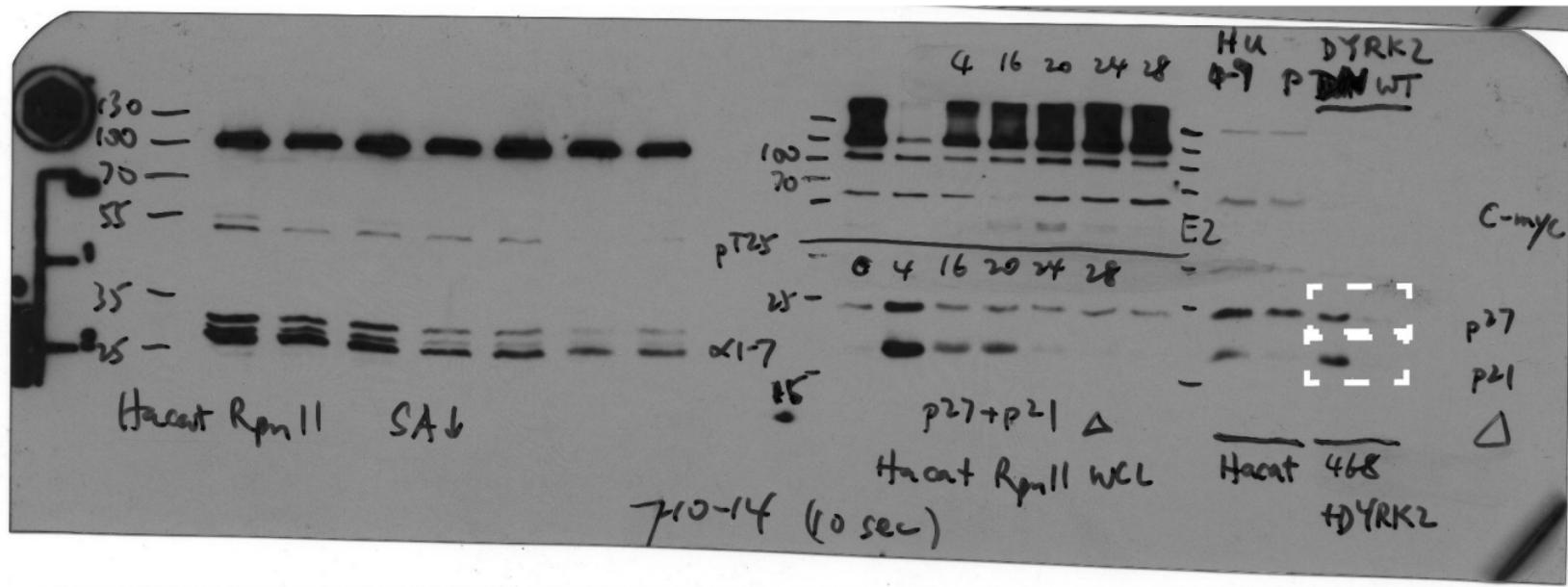
Blots for Fig.6b



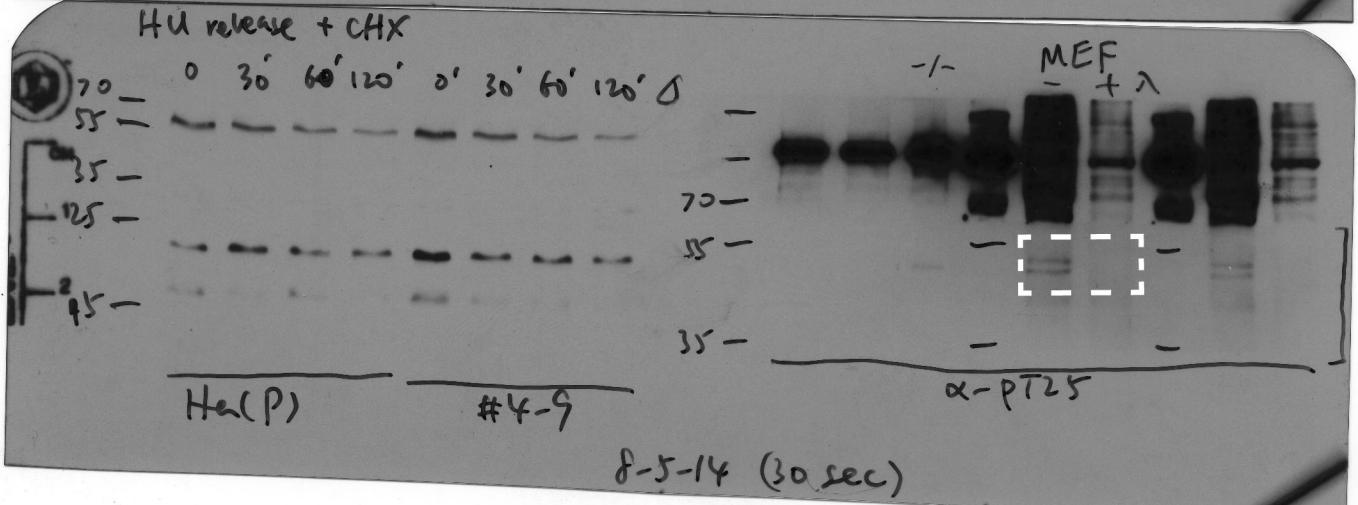
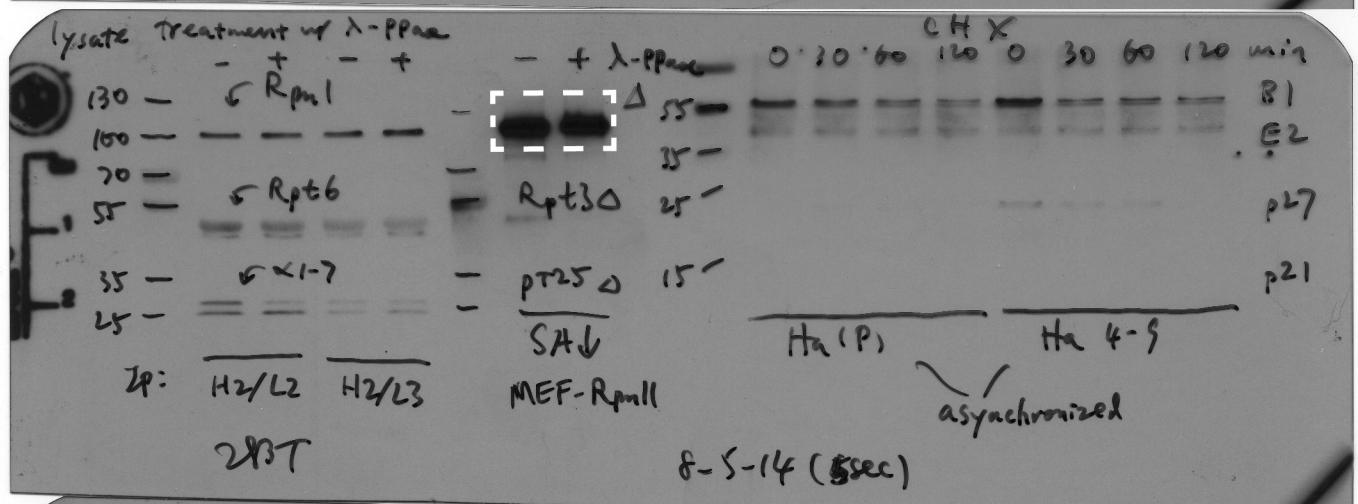
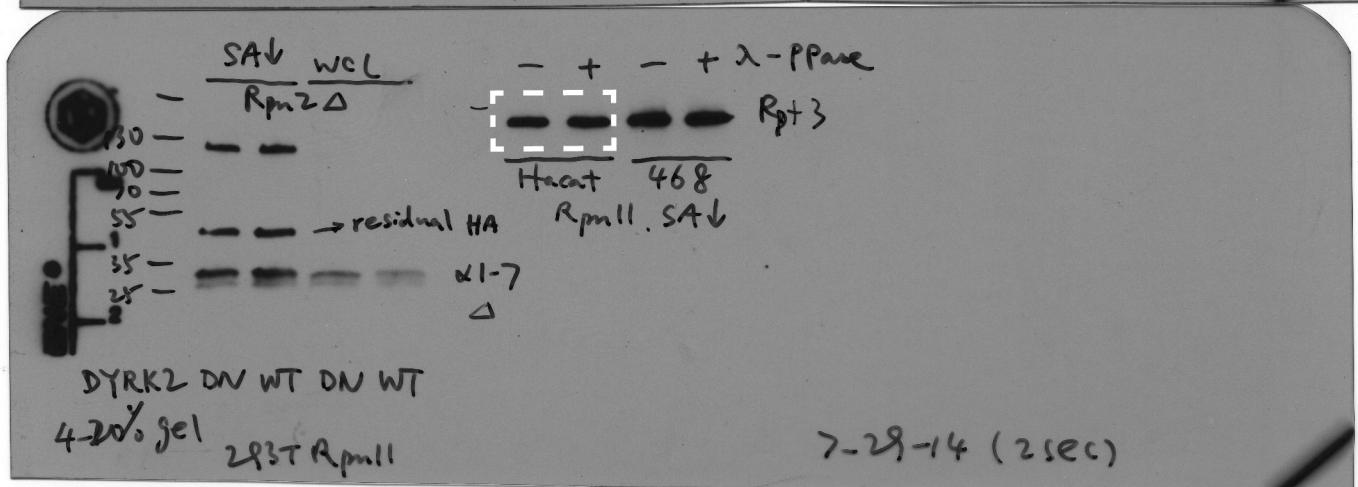
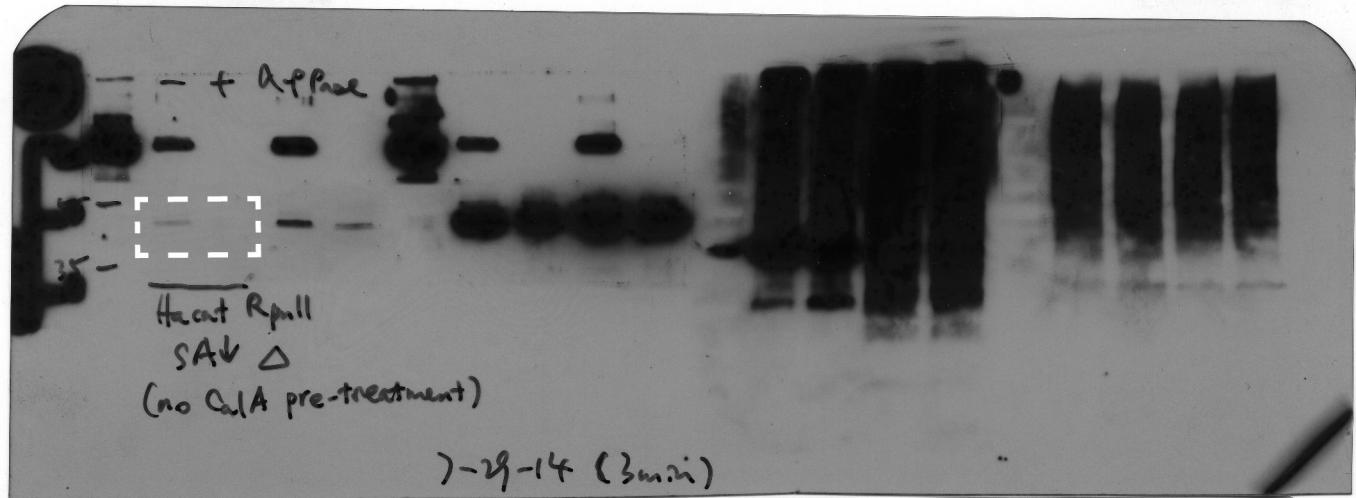
Blots for Fig.7b



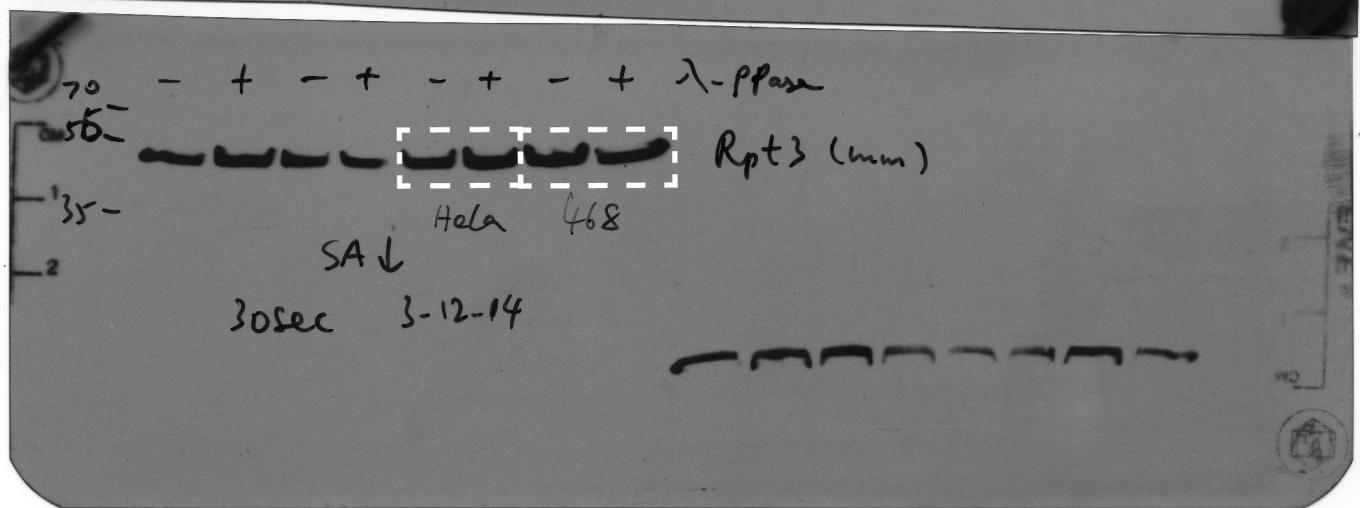
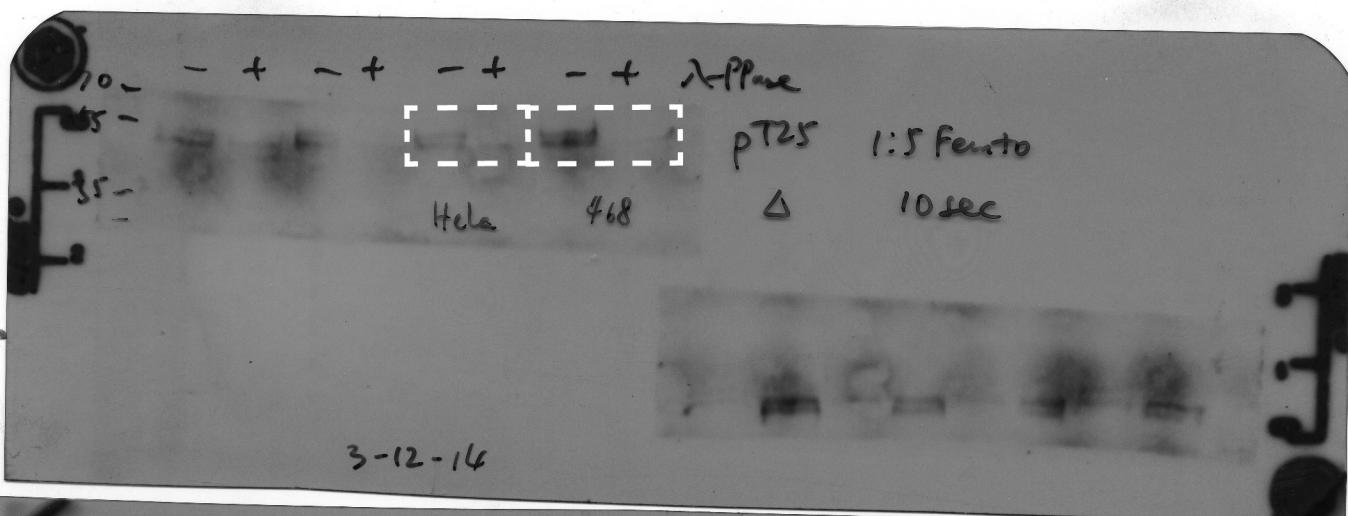
Blots for Fig.7d



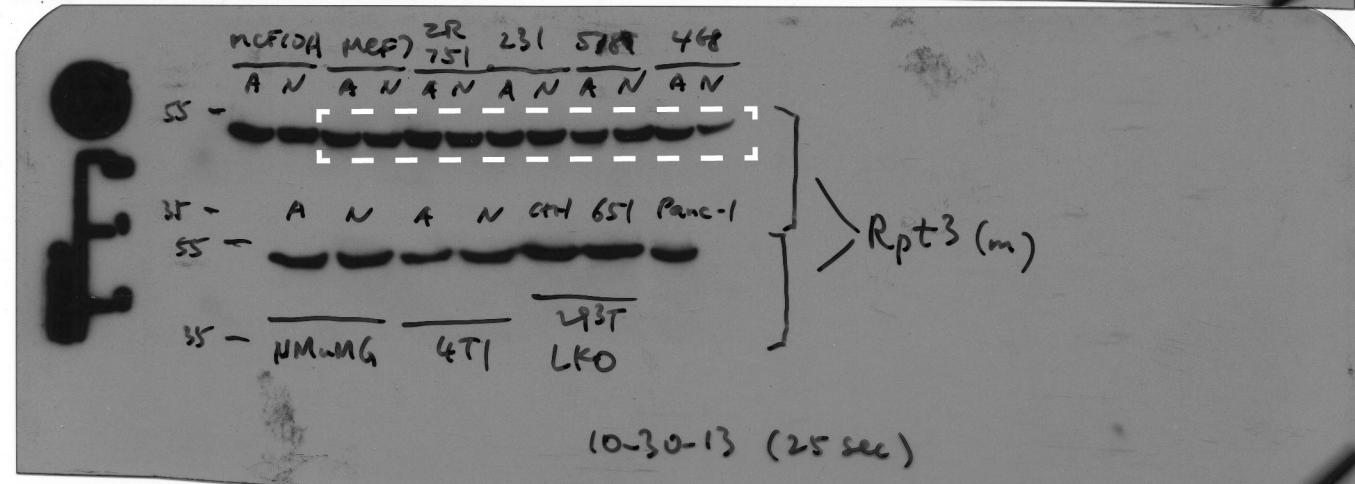
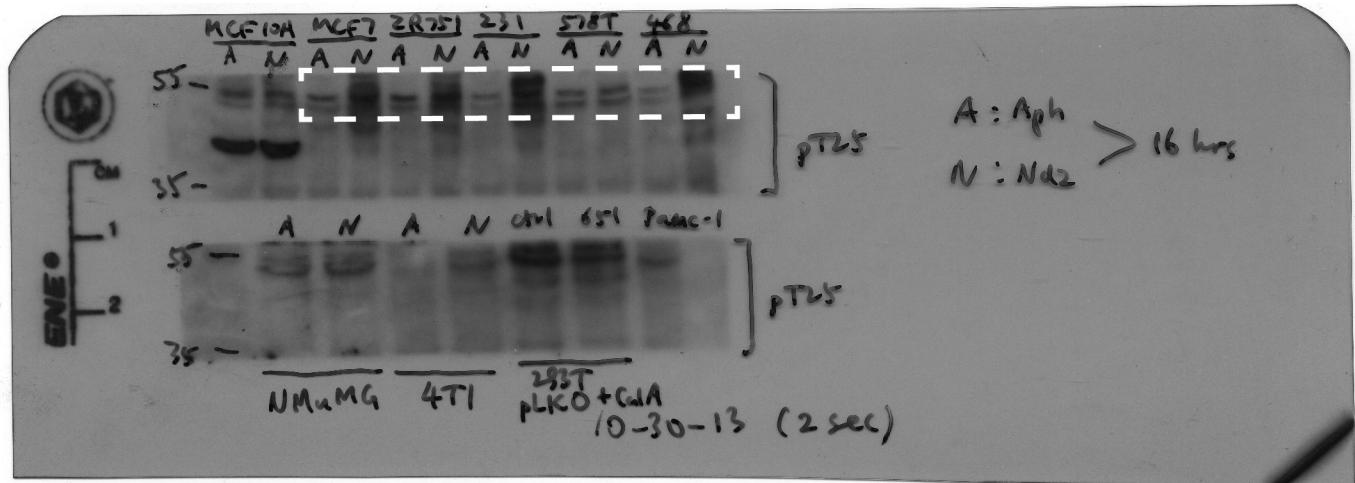
Blots for Supp Fig. 1a-1



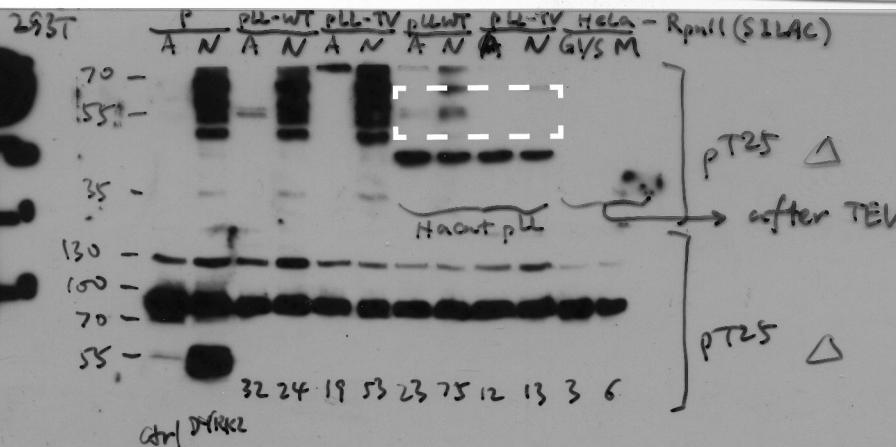
Blots for Supp Fig.1a-2



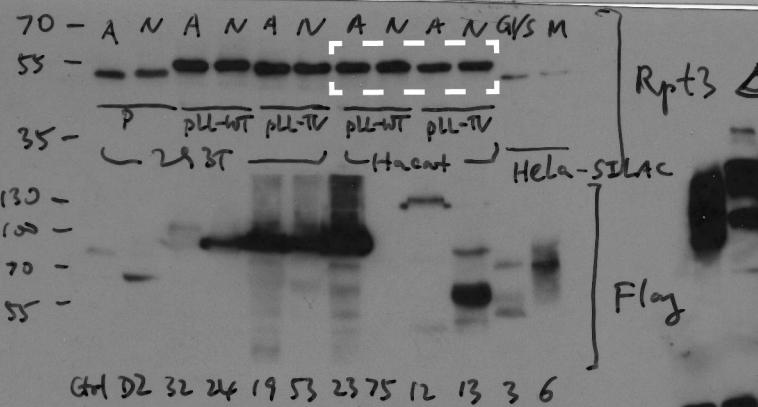
Blots for Supp Fig. 1b



Blots for Supp Fig. 1c

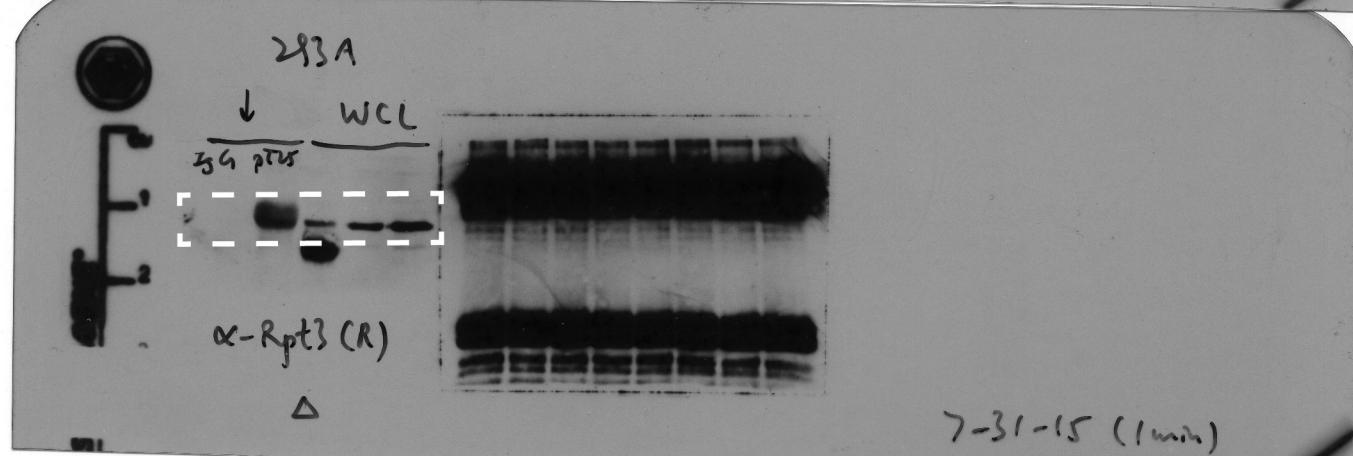
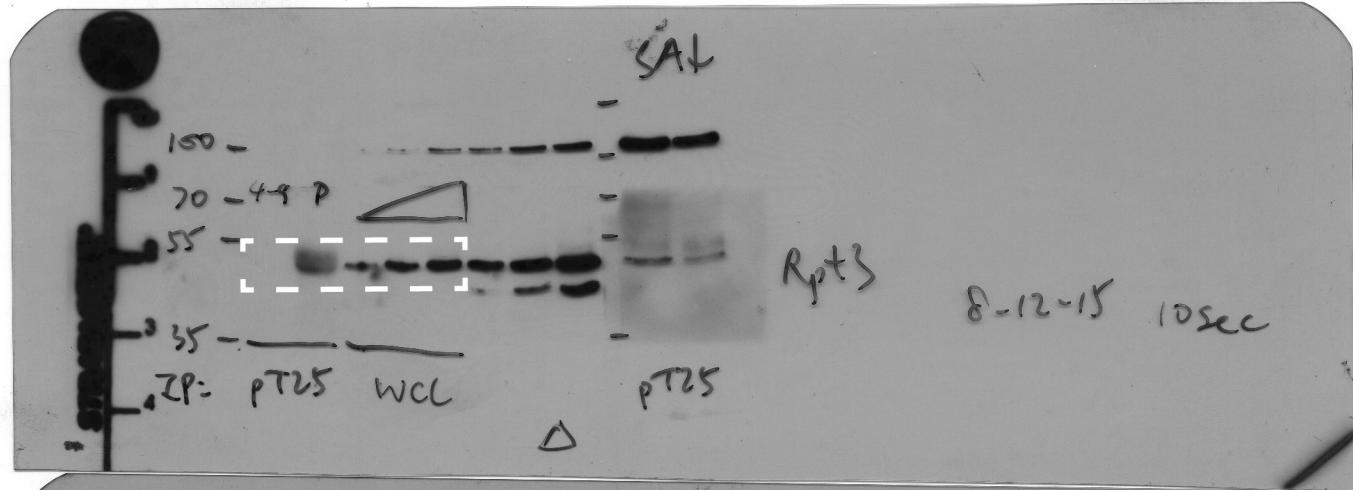


1-12-14 (1 min)

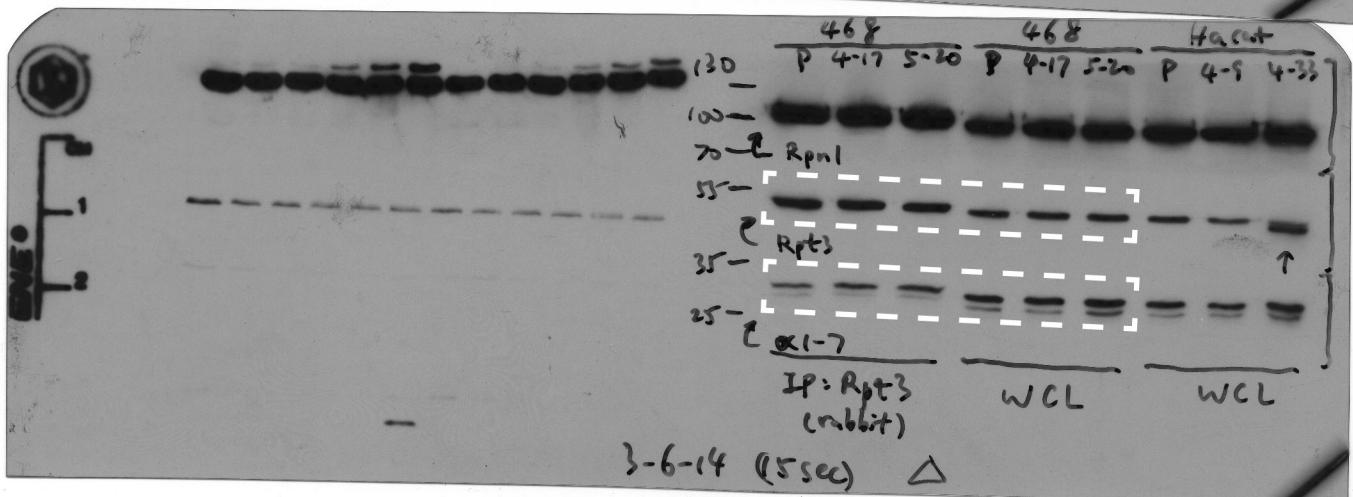
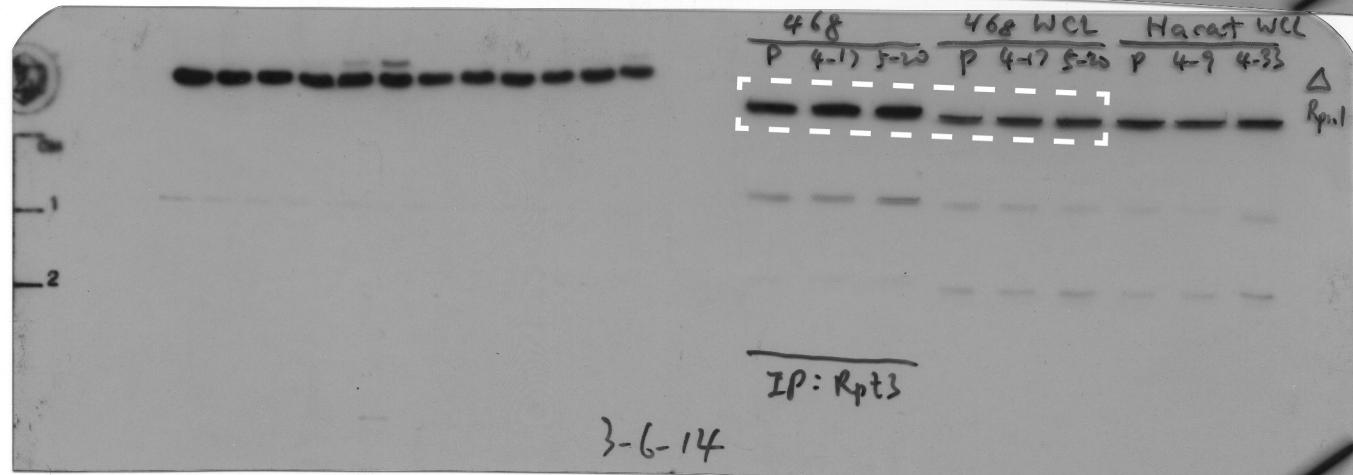


1-12-14 (10 sec)

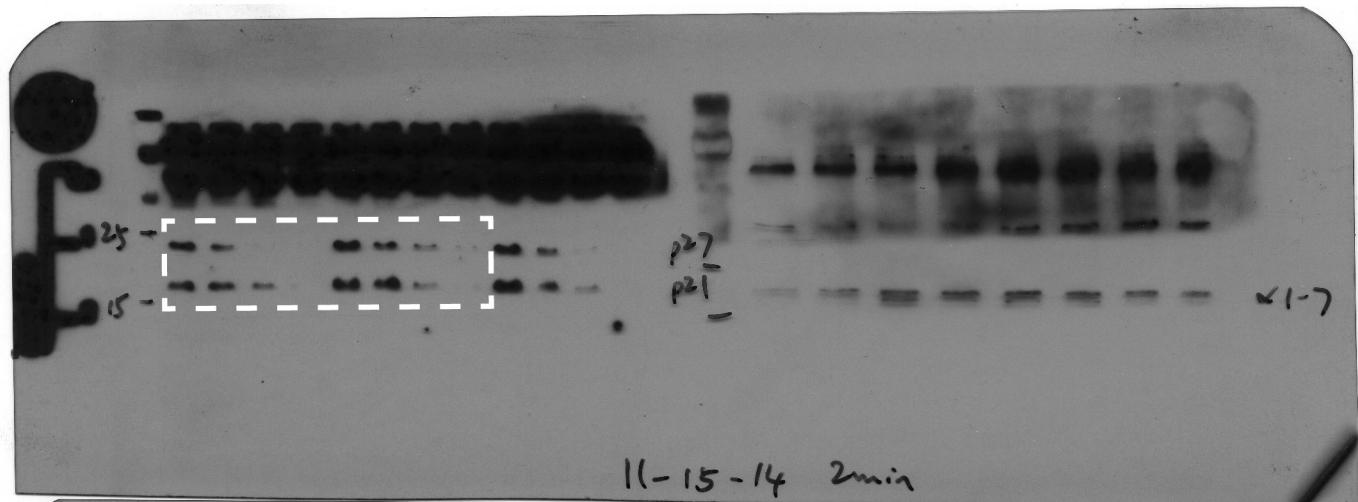
Blots for Supp Fig. 1d



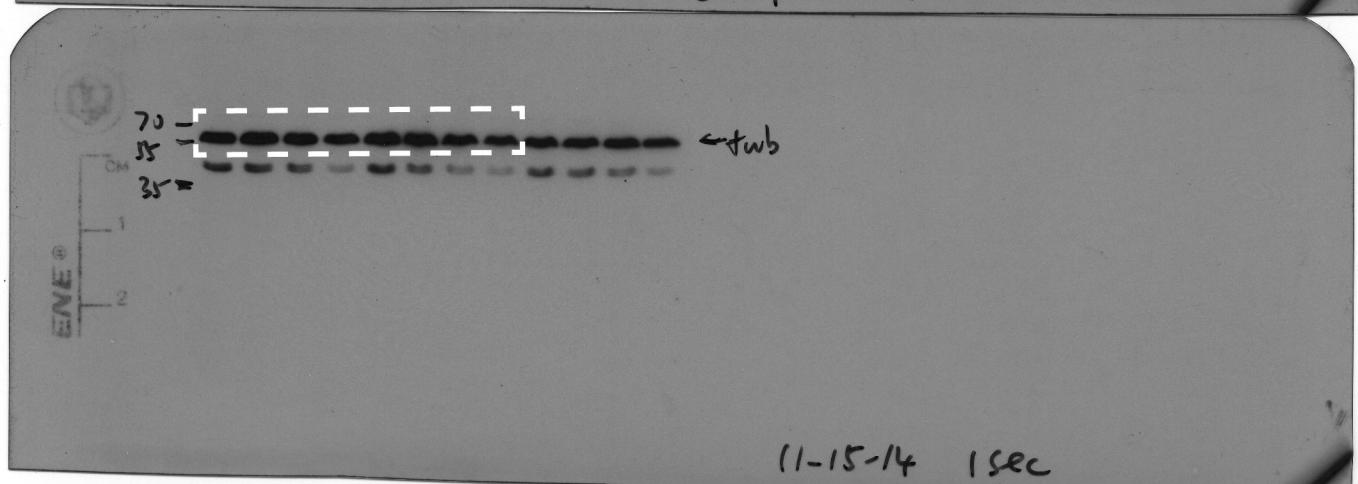
Blots for Supp Fig.2a



Blots for Supp Fig.2c

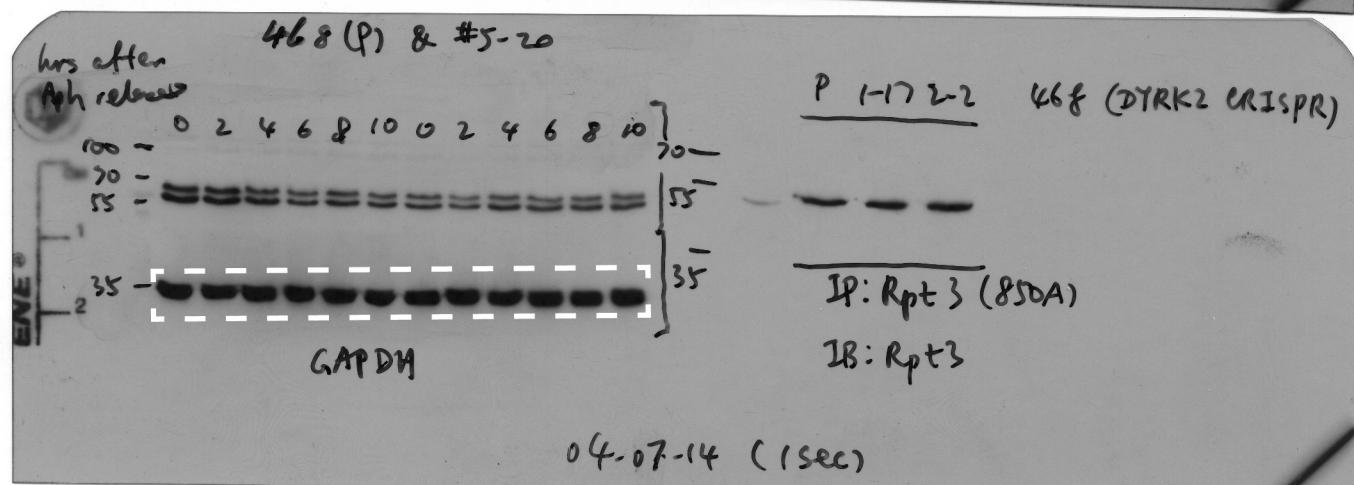
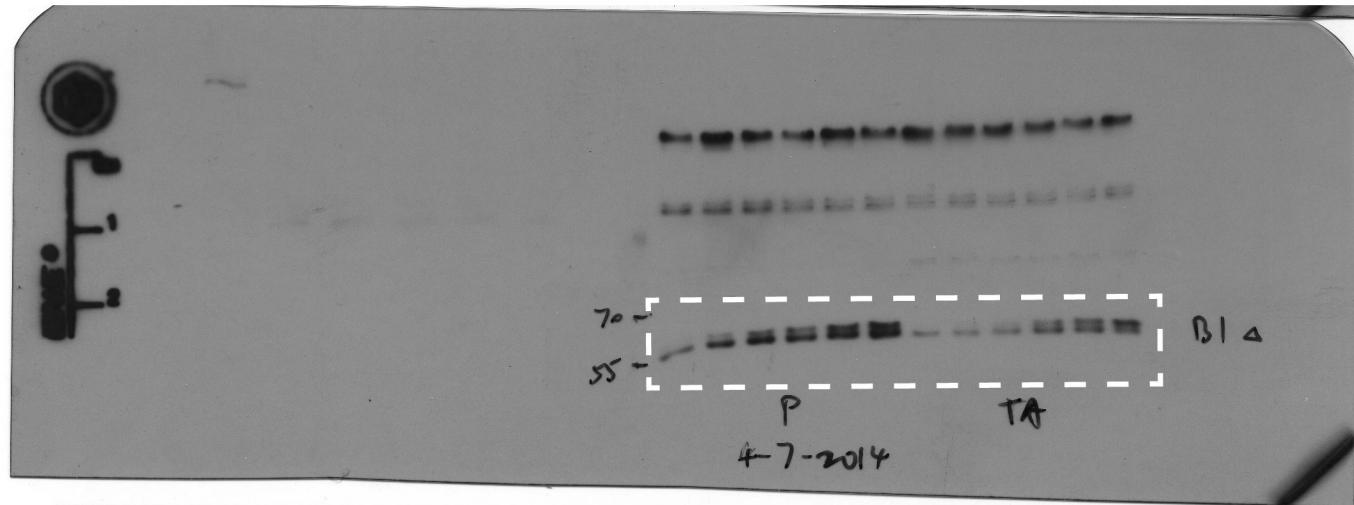


11-15-14 2min

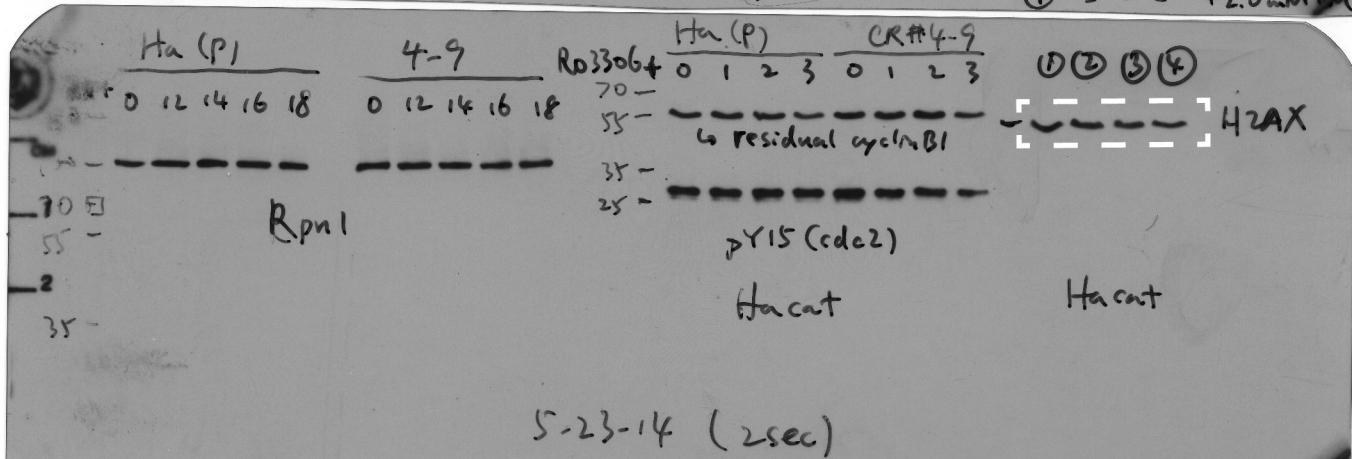
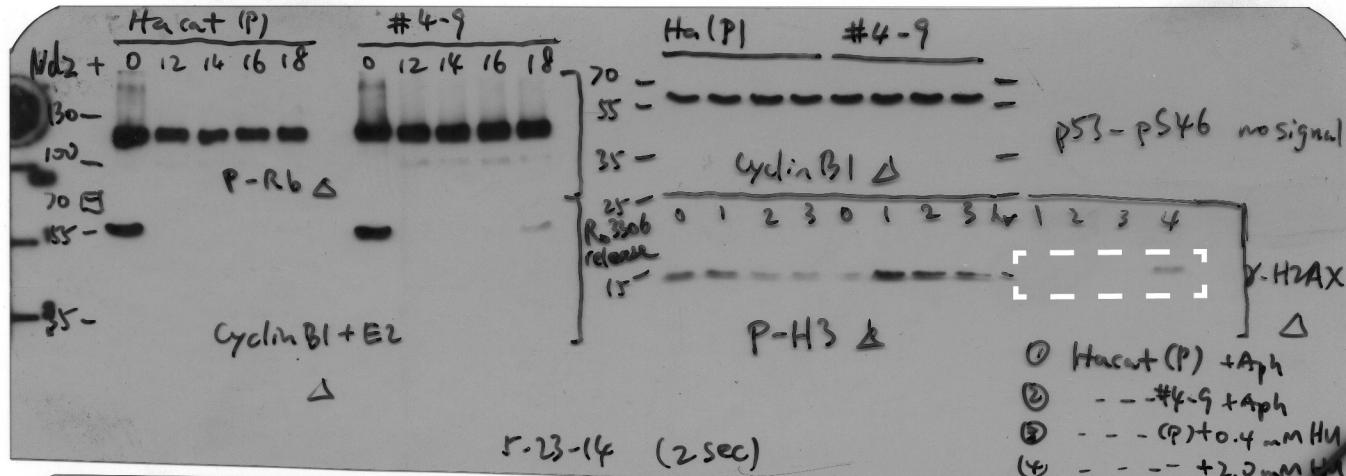


11-15-14 1sec

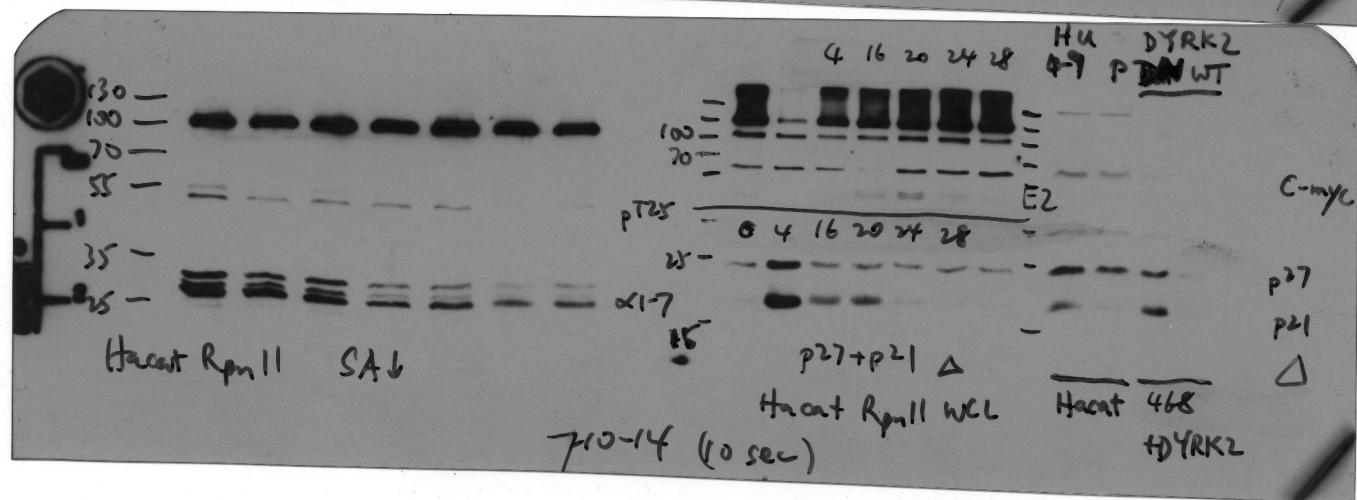
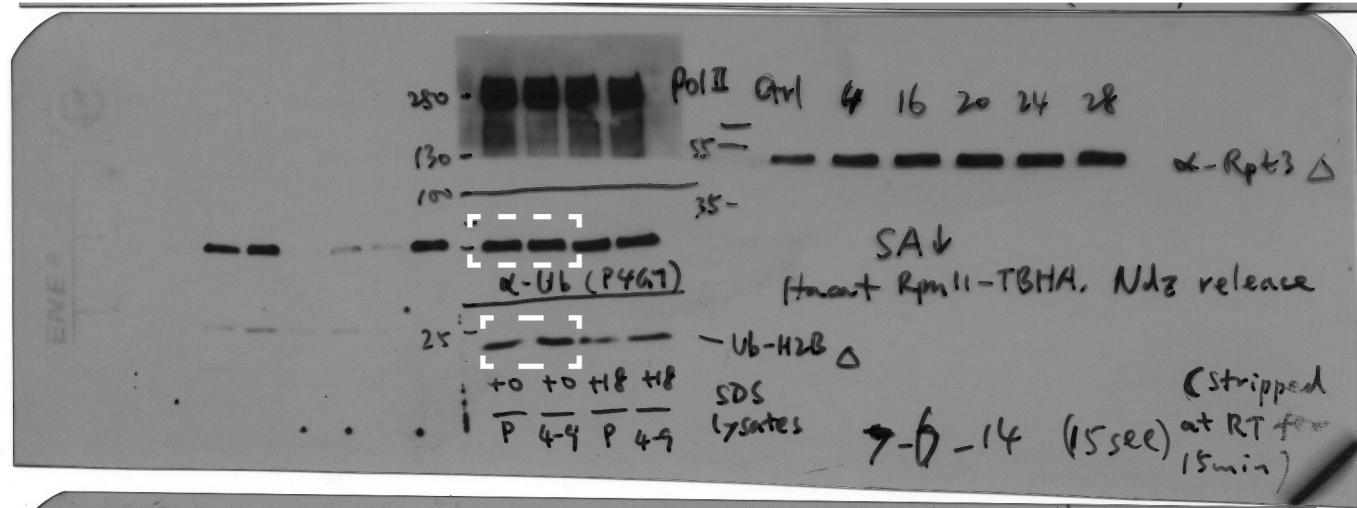
Blots for Supp Fig.2d



Blots for Supp Fig.2f



Blots for Supp Fig.2g



Blots for Supp Fig.3b



PLL studies, used for LLVY assay (after 10-15 min at 37°C)

pT25
△

468 PLL first 2 lanes: boiled right after IP
last 2 lanes: after LLVY assay (15 min @ 37°C)
Z-3-14 (1 min)

PLL MCF10A Hancat HeLa 26S in vitro kinase assay
70 - WT TV WT TV WT TV WT TV DYRK2

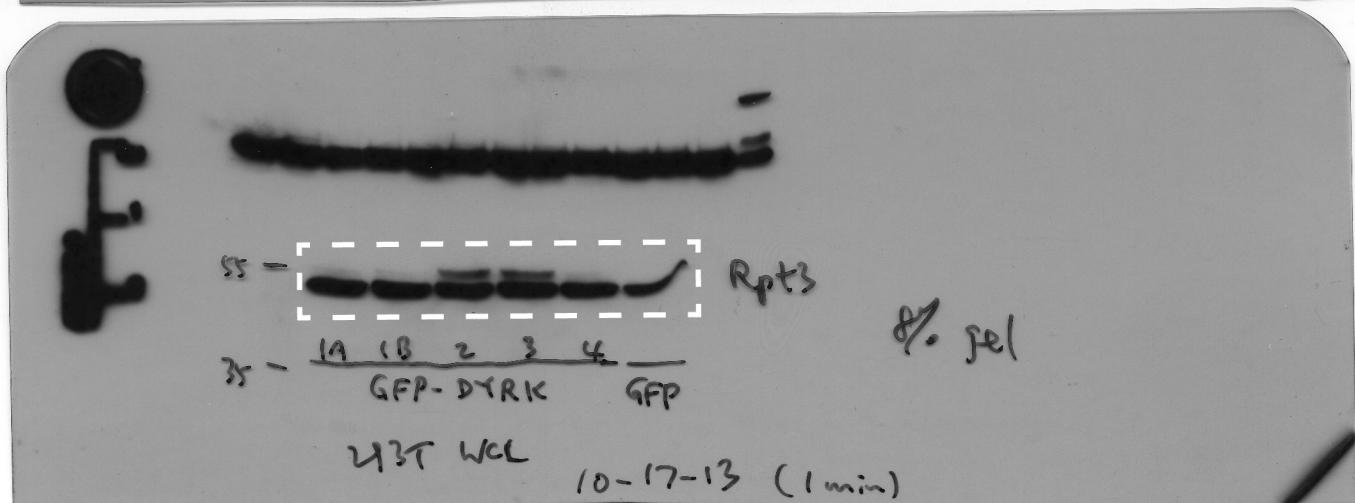
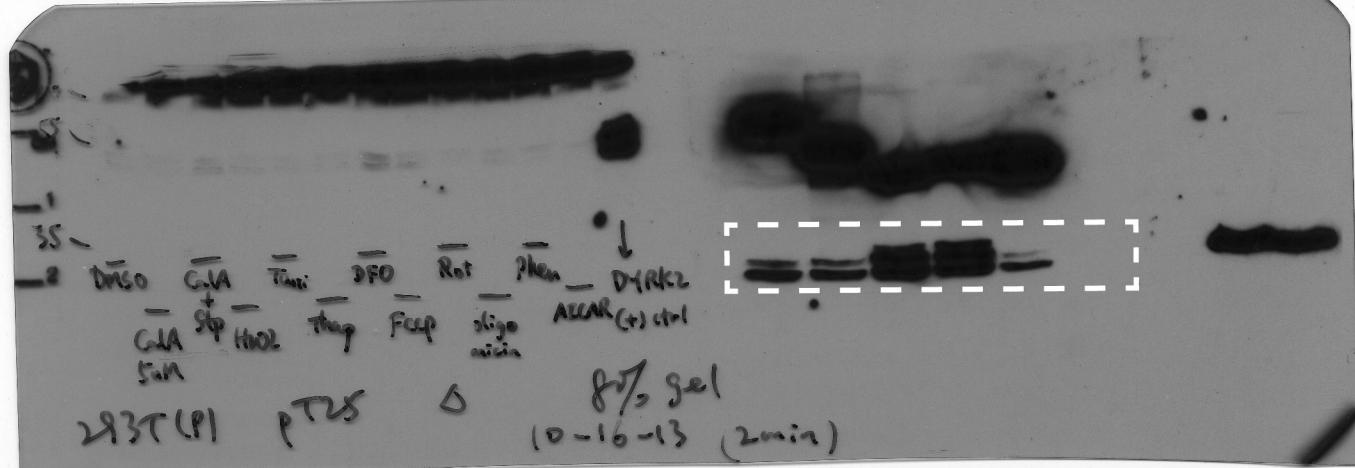
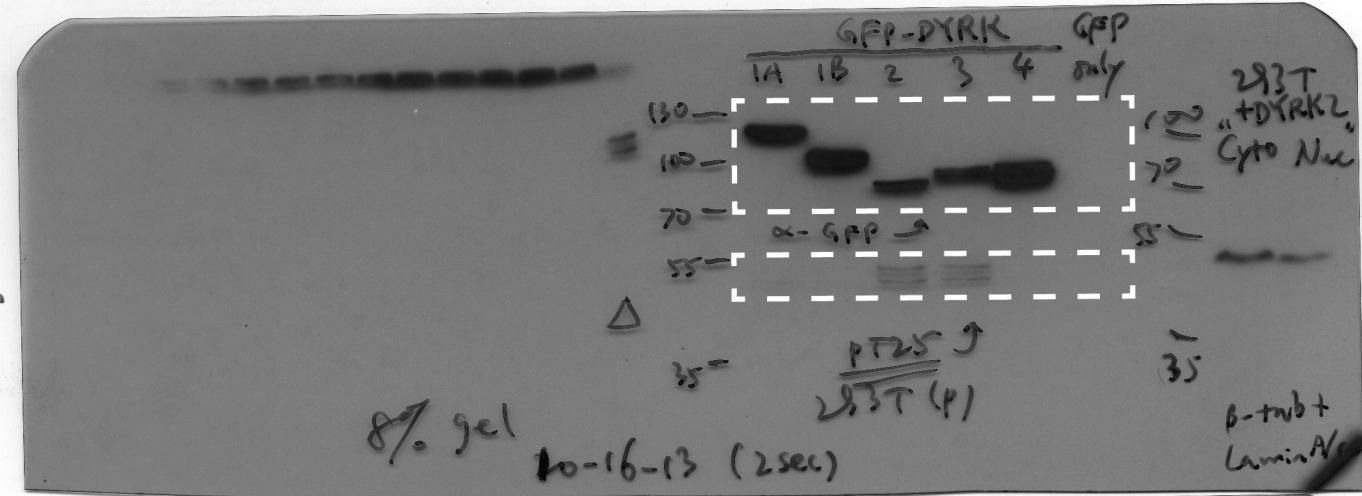
55 -
35 - PLL 468 pKO DYRK3 (283T)
70 - WT TV WT TV Ctrl RI R2

35 -
35 - IP: HA - Rpt3
△ α-Rpt3 (Enzo, L.C. specific 2°)
(2sec)

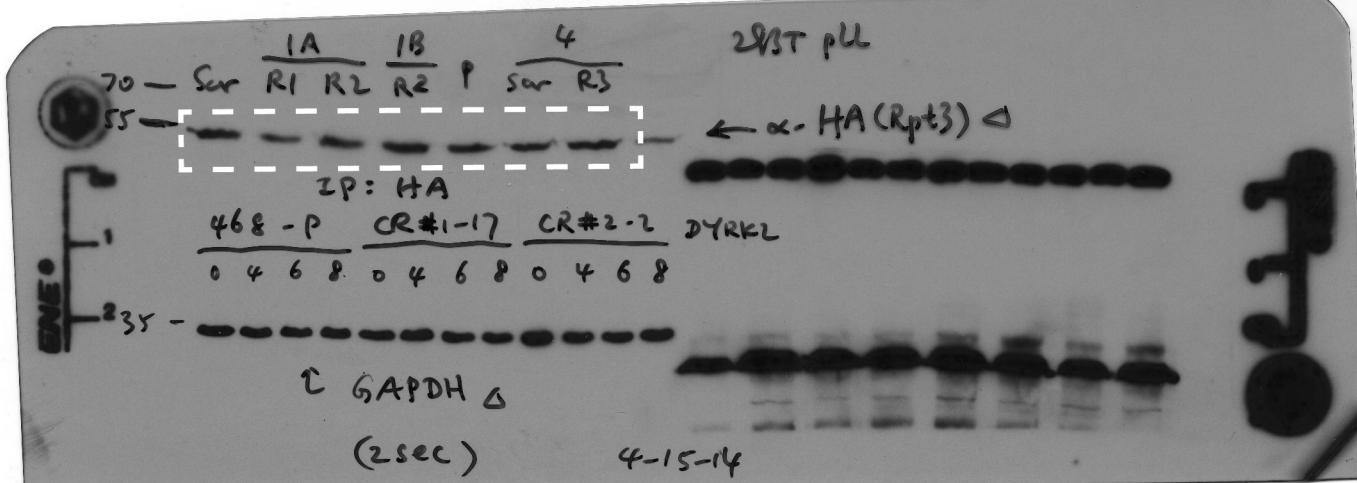
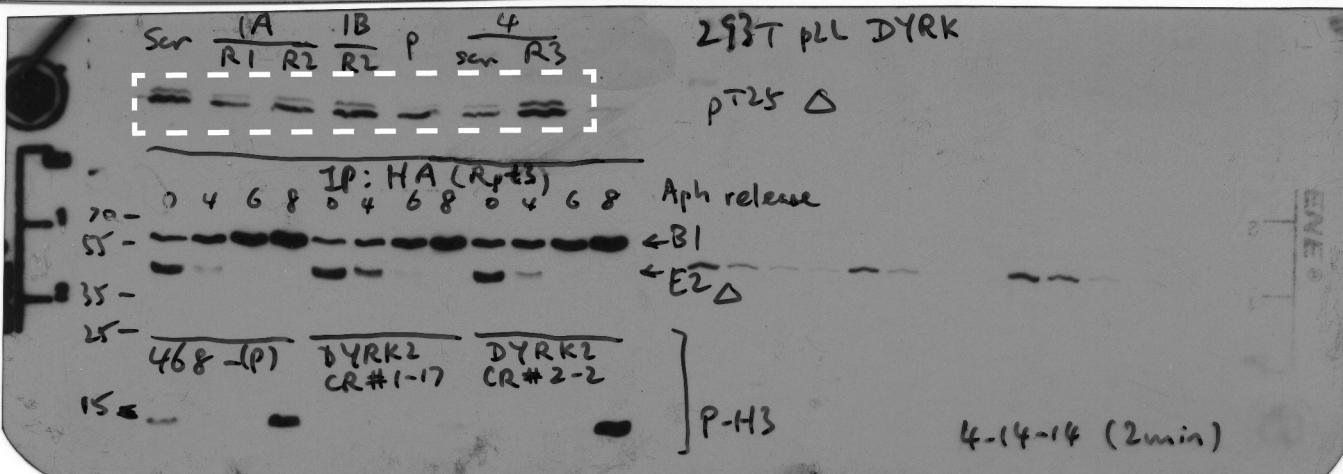
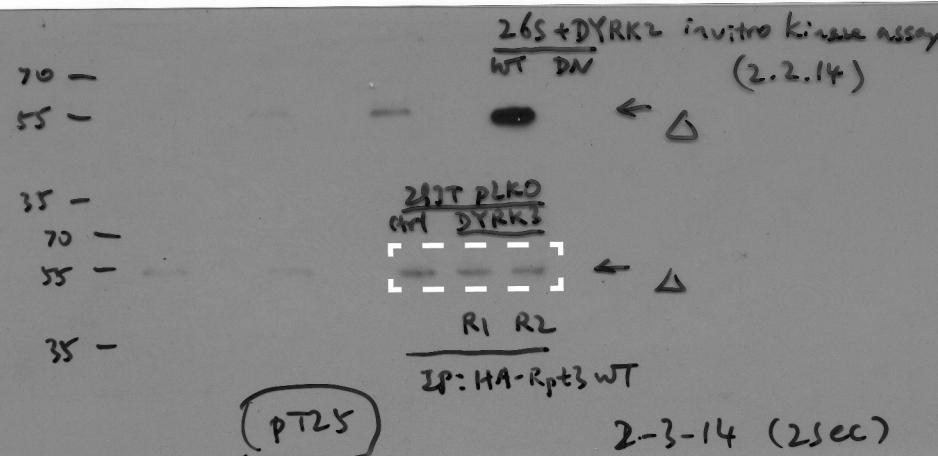
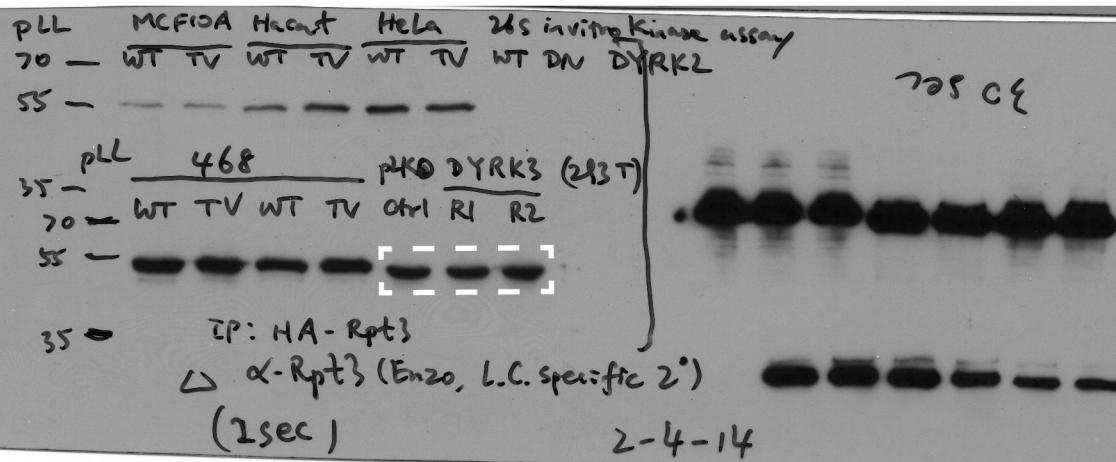
Z-3-14

Z-4-14

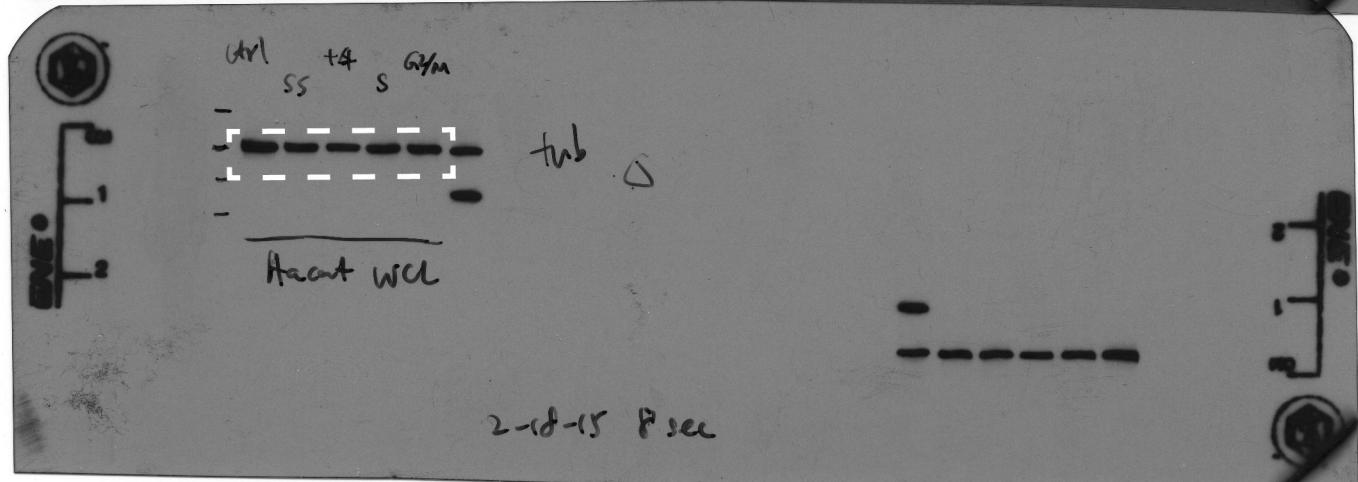
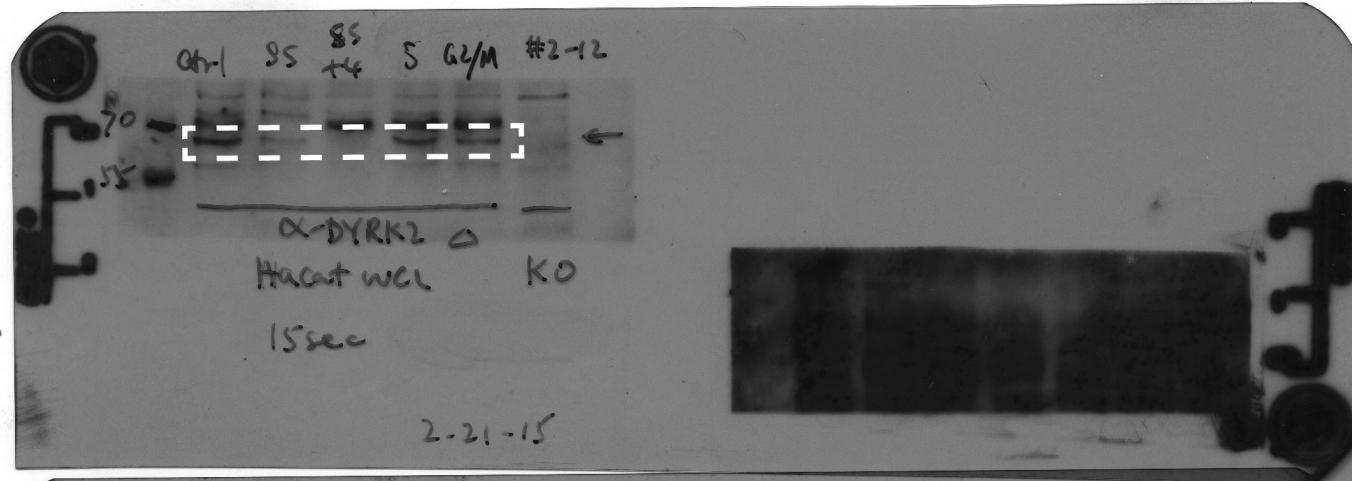
Blots for Supp Fig.4a



Blots for Supp Fig. 4b



Blots for Supp Fig.4c



Blots for Supp Fig.5b

