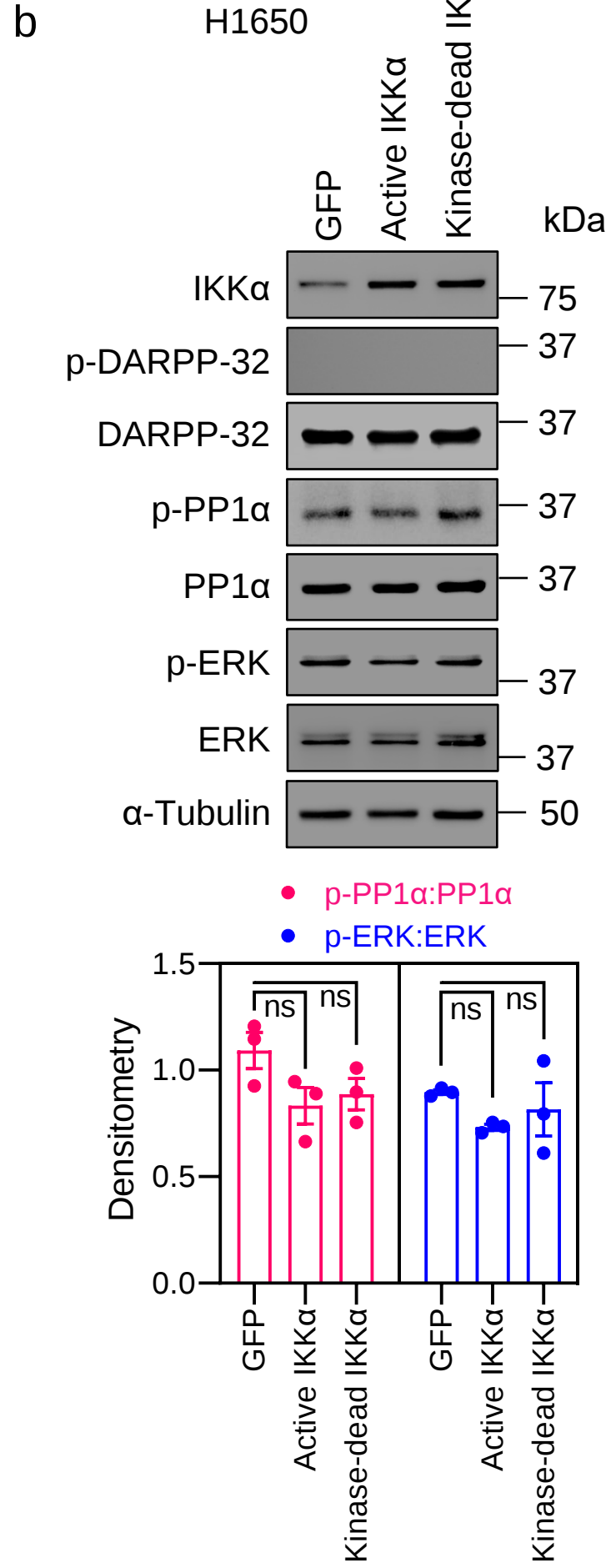
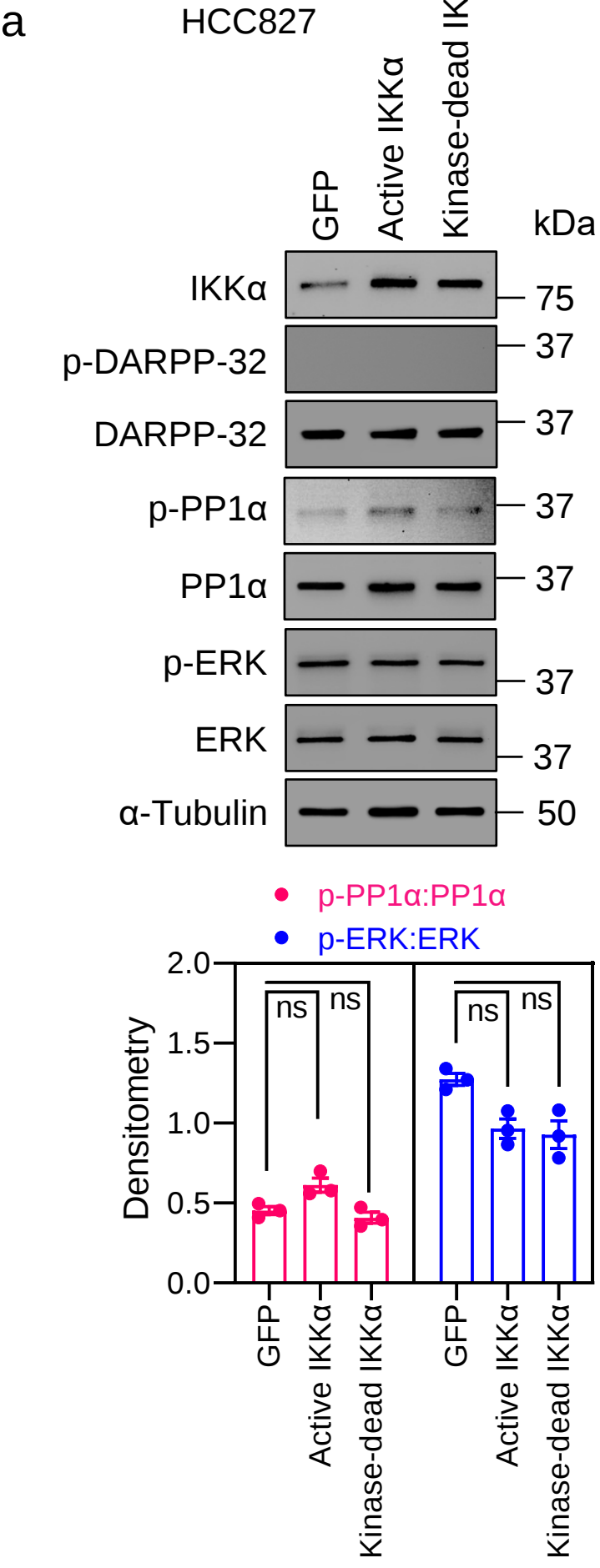


Supplementary Figures

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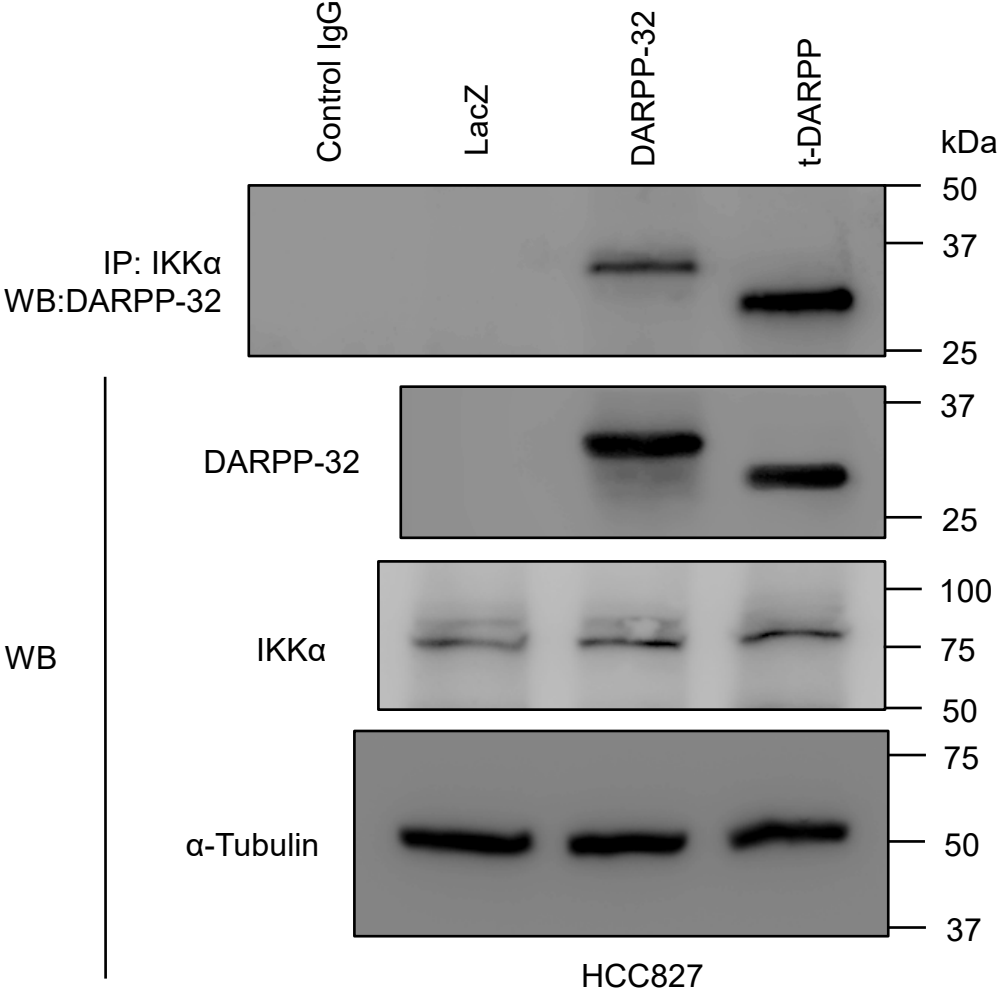
Supplementary Figure 1



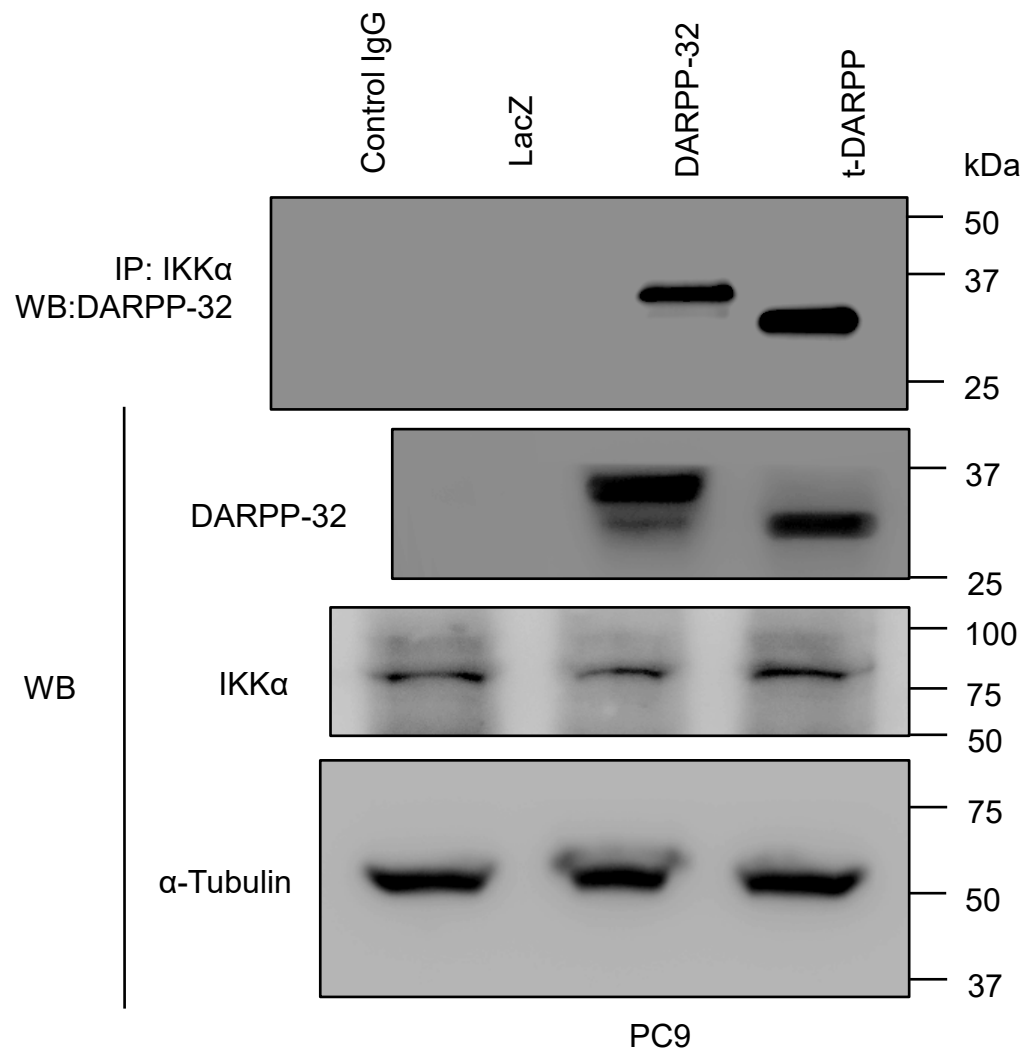
Supplementary Figure 1: Inhibition of PP1 α activity is controlled by DARPP-32

phosphorylation at Thr-34 position. a-b. Cell lysates from HCC827 (a) and PC9 (b) cells transduced with retrovirus designed to overexpress mutant (T34A) DARPP-32 were subjected to western blotting using anti- IKK α , -phospho DARPP-32 (Thr34), -DARPP-32, -phospho PP1 α (Thr320), -PP1 α , -phospho ERK (Thr202/Tyr204), -ERK, and - α -tubulin (loading control) antibodies. Values from densitometric quantification of three independent immunoblotting experiments were plotted as bar graphs in the bottom and error bars indicate SEM. ns, not significant, one-way ANOVA followed by Dunnett's multiple testing.

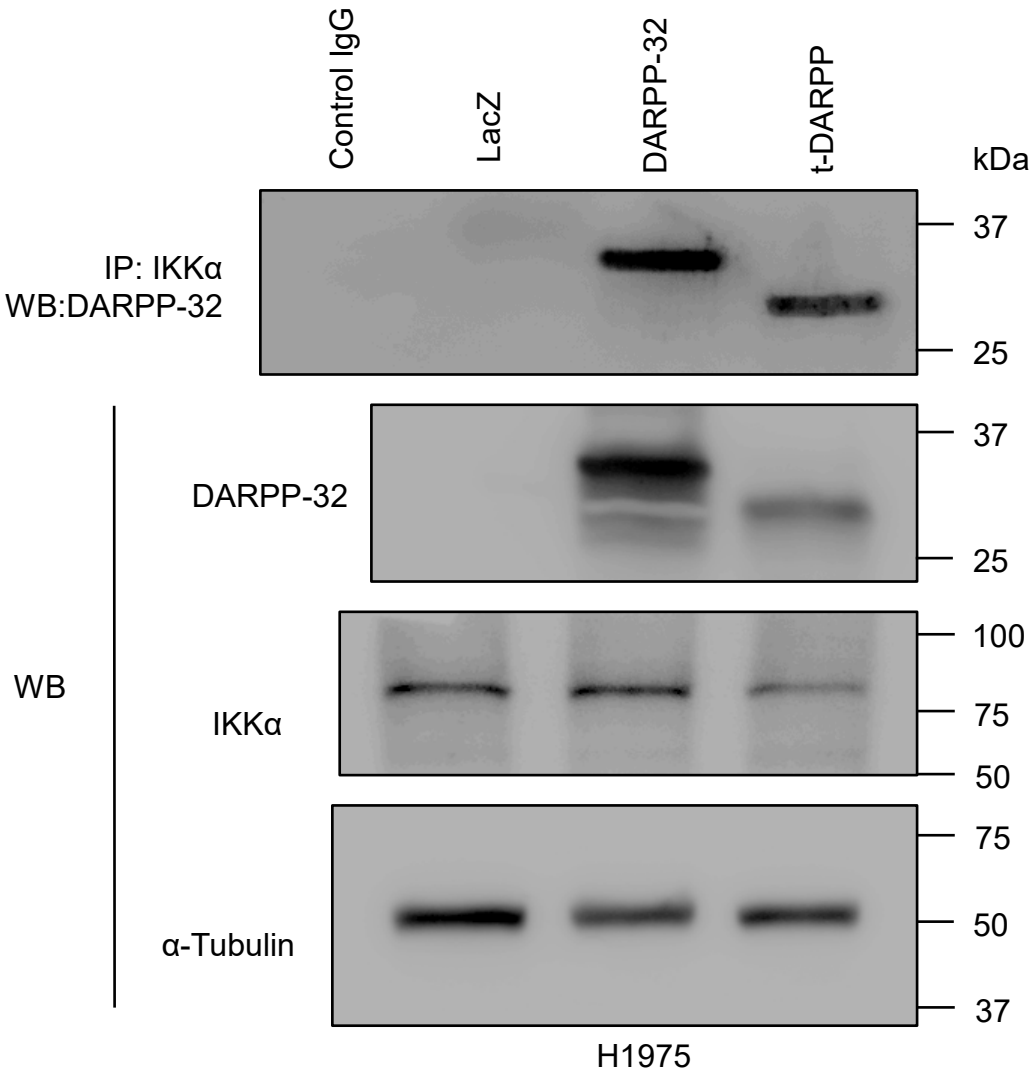
Supplementary Figure 2: Full-sized scans of immunoblots in Figure 1a



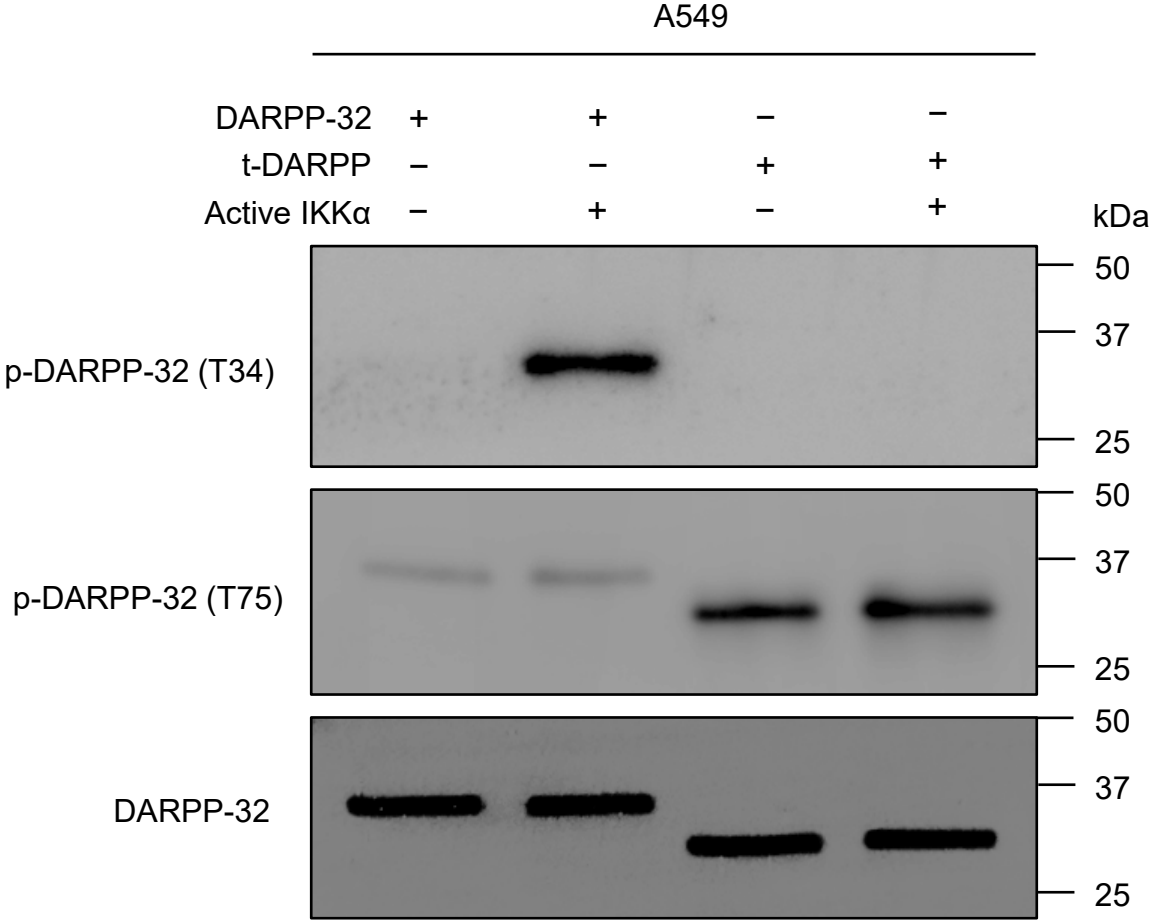
Supplementary Figure 3: Full-sized scans of immunoblots in Figure 1b



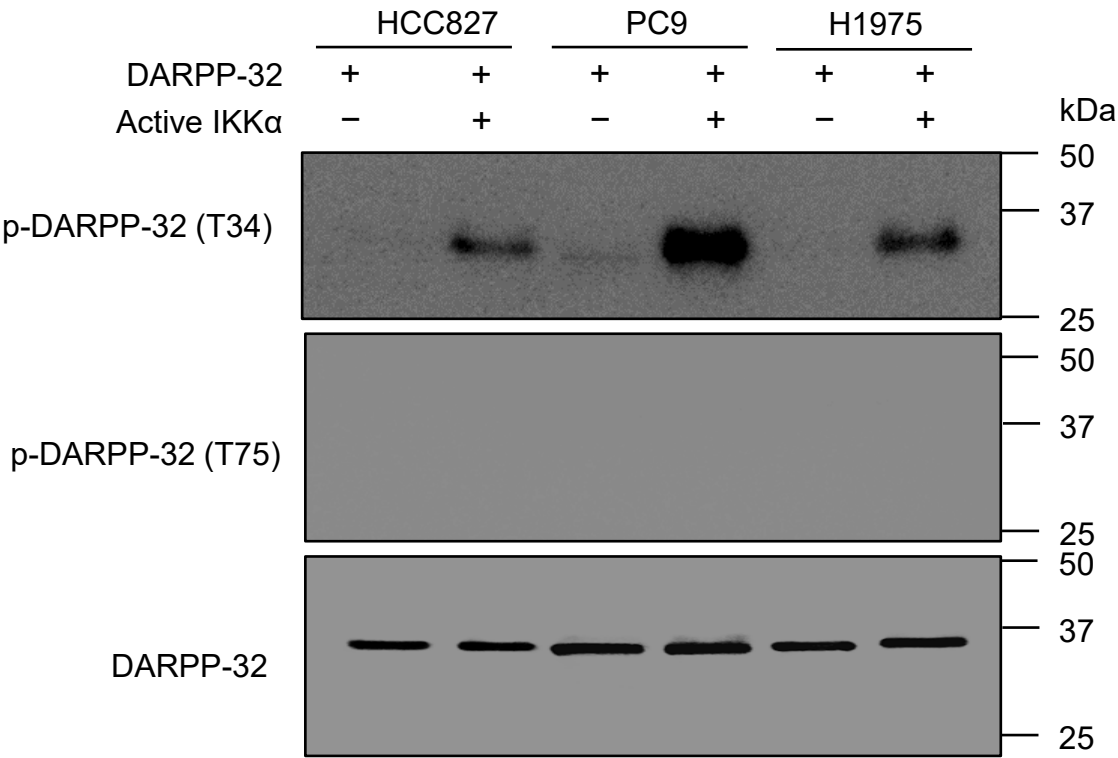
Supplementary Figure 4: Full-sized scans of immunoblots in Figure 1c



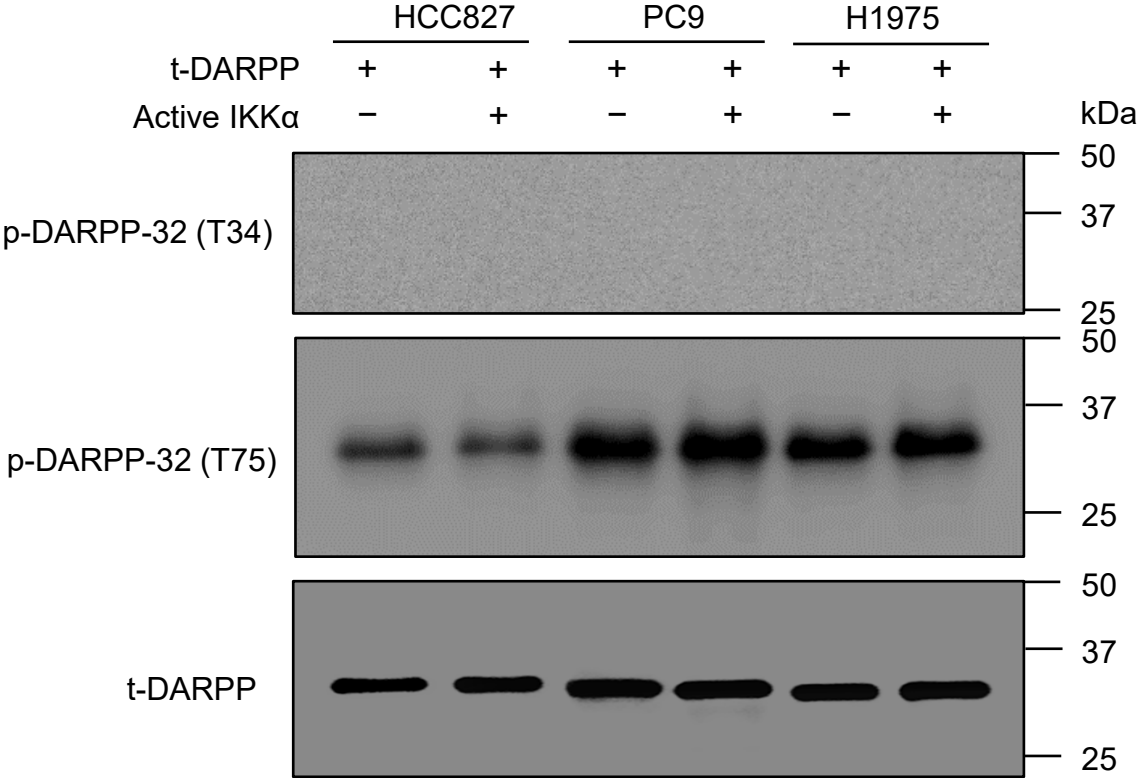
Supplementary Figure 5: Full-sized scans of immunoblots in Figure 2a



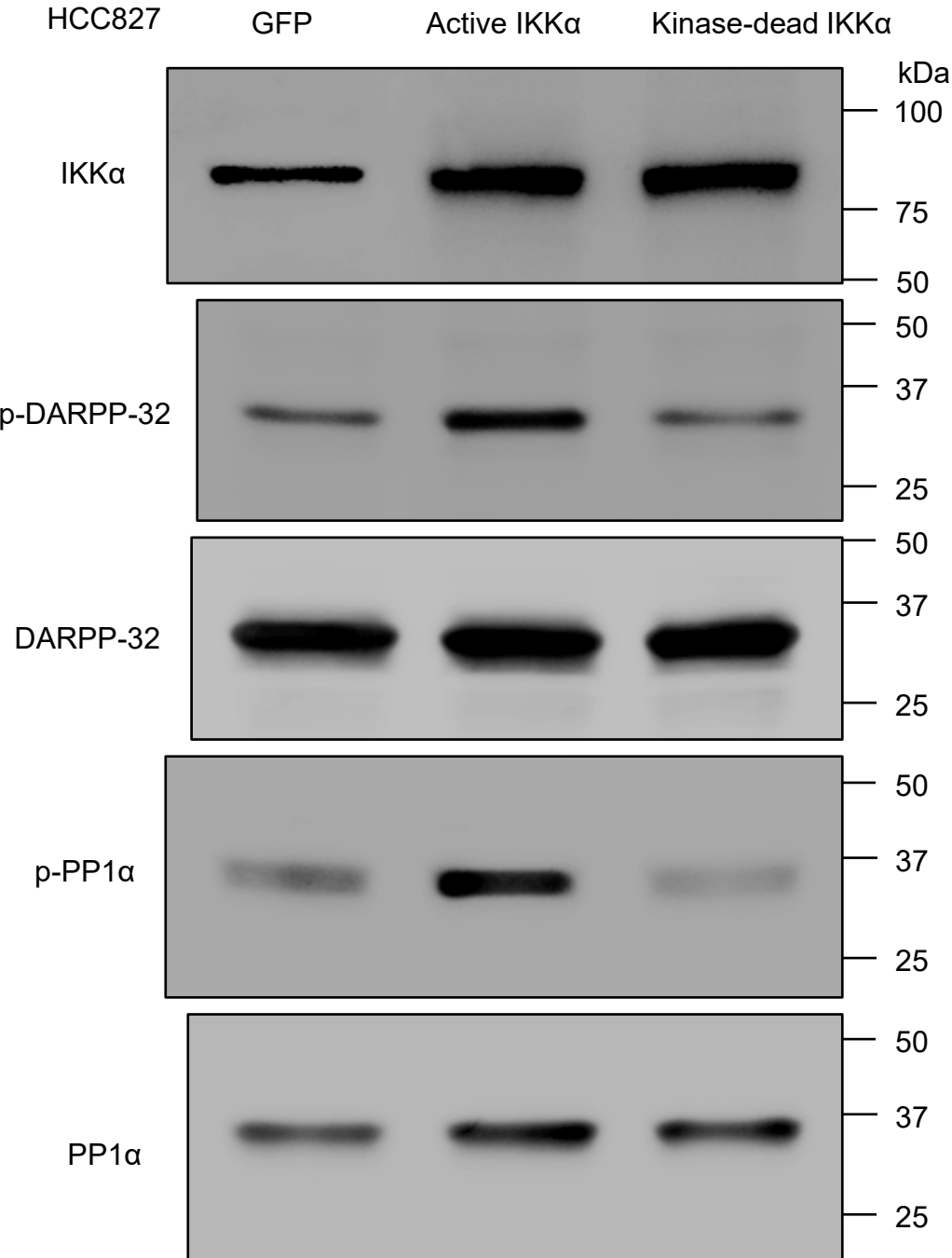
Supplementary Figure 6: Full-sized scans of immunoblots in Figure 2b



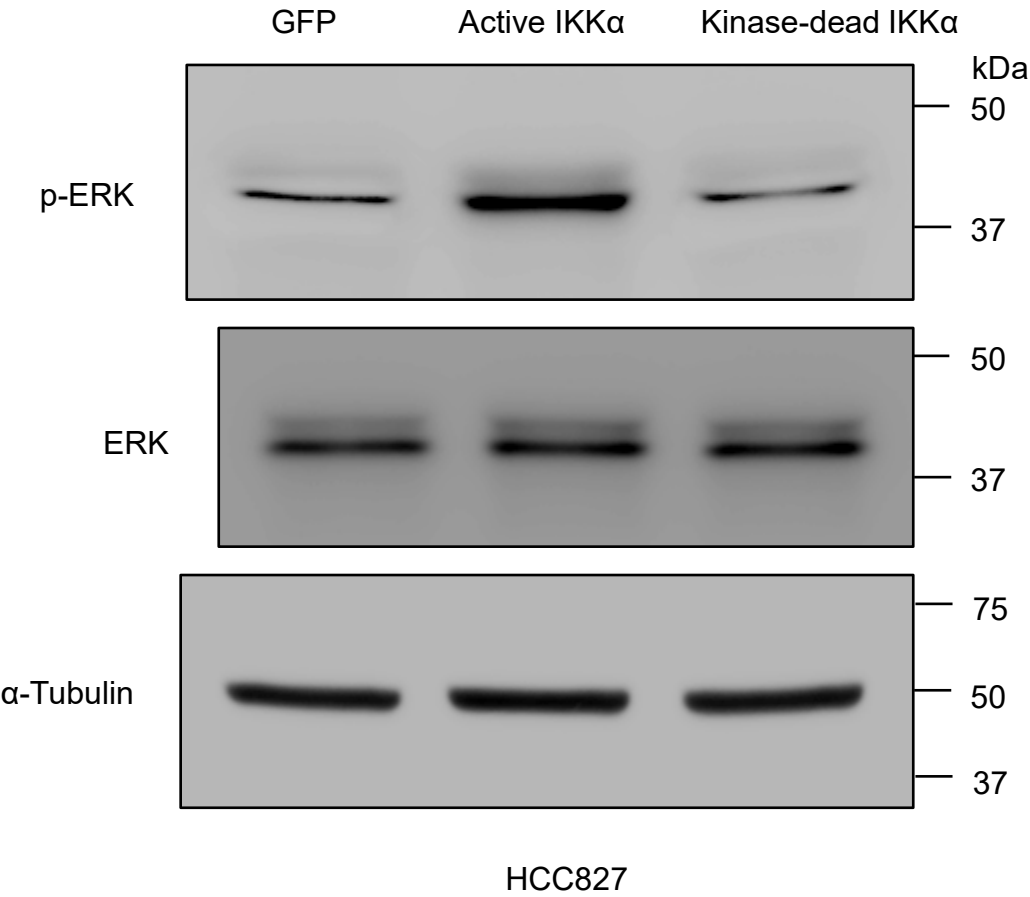
Supplementary Figure 7: Full-sized scans of immunoblots in Figure 2c



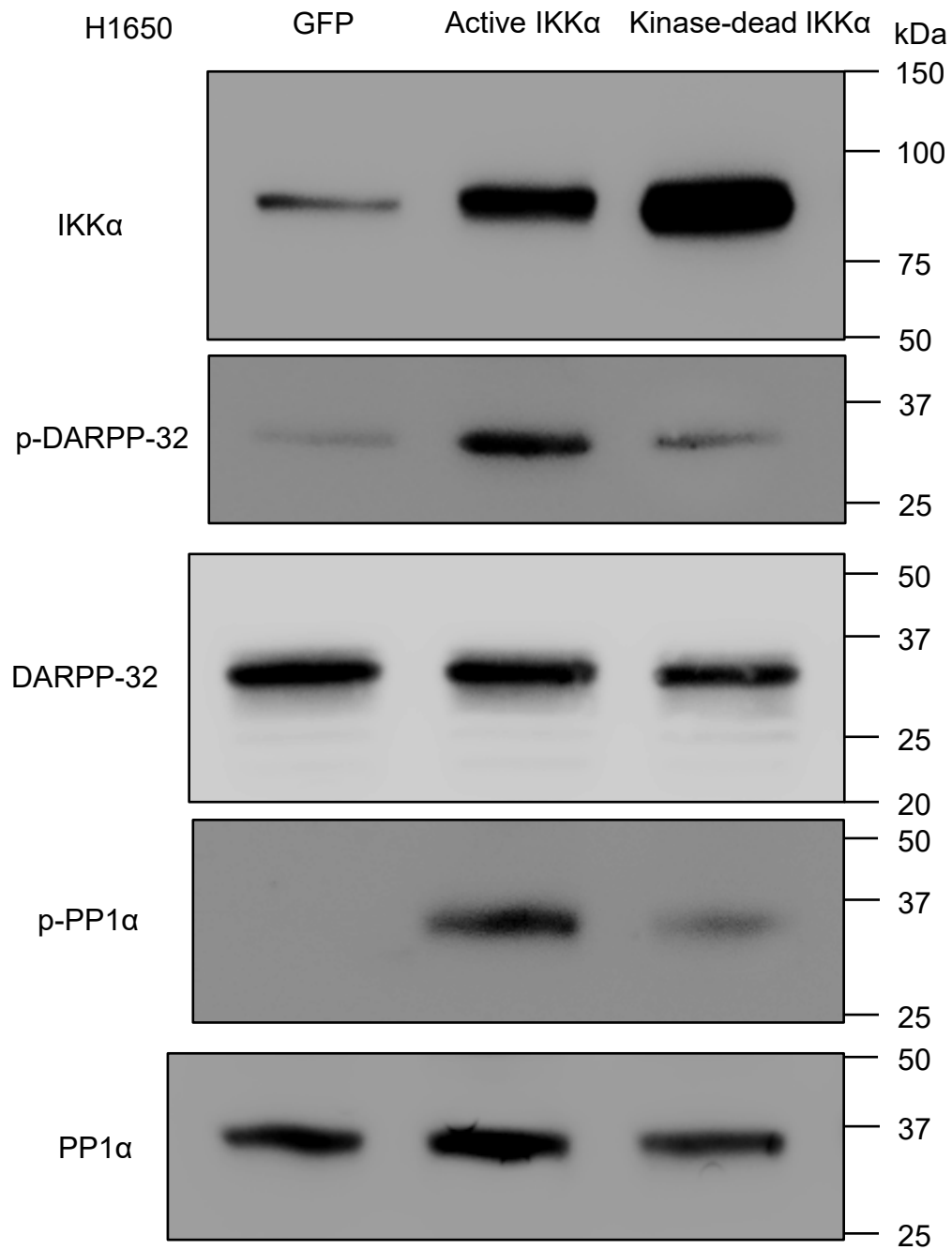
Supplementary Figure 8: Full-sized scans of immunoblots in Figure 3a



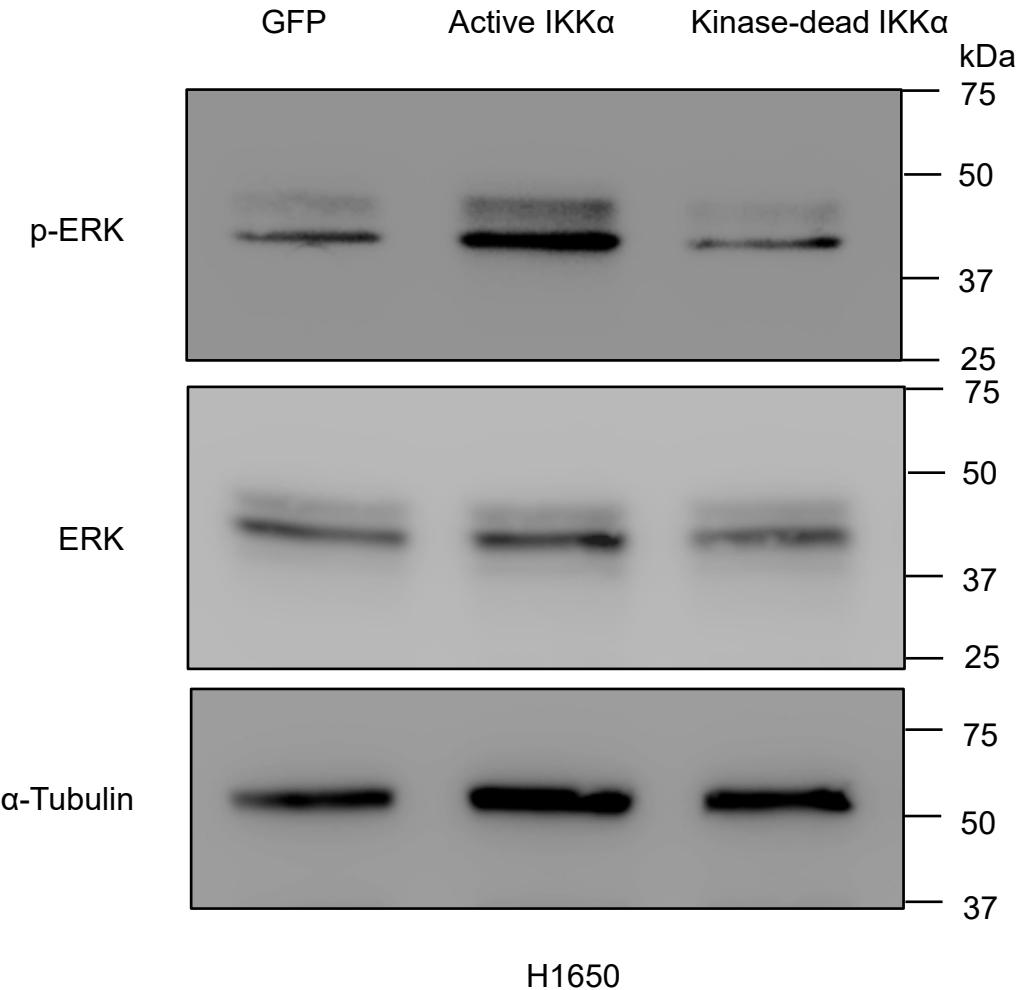
Supplementary Figure 8-continue: Full-sized scans of immunoblots in Figure 3a



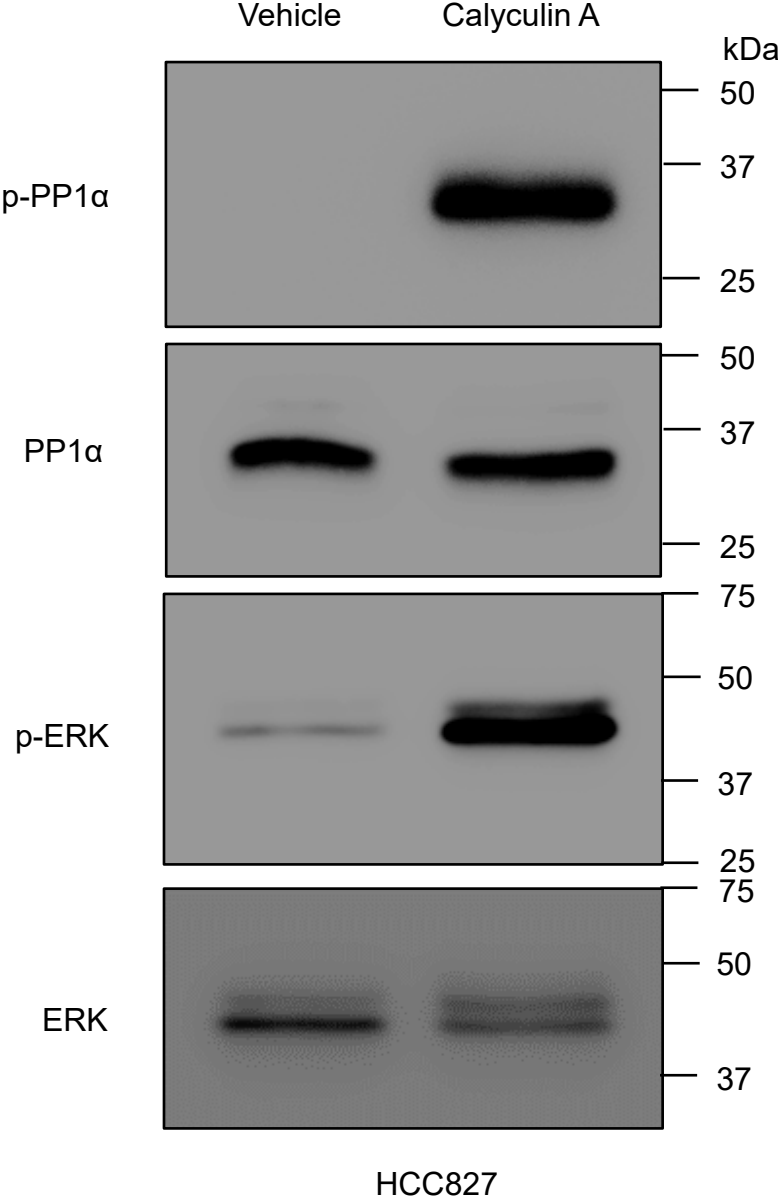
Supplementary Figure 9: Full-sized scans of immunoblots in Figure 3b



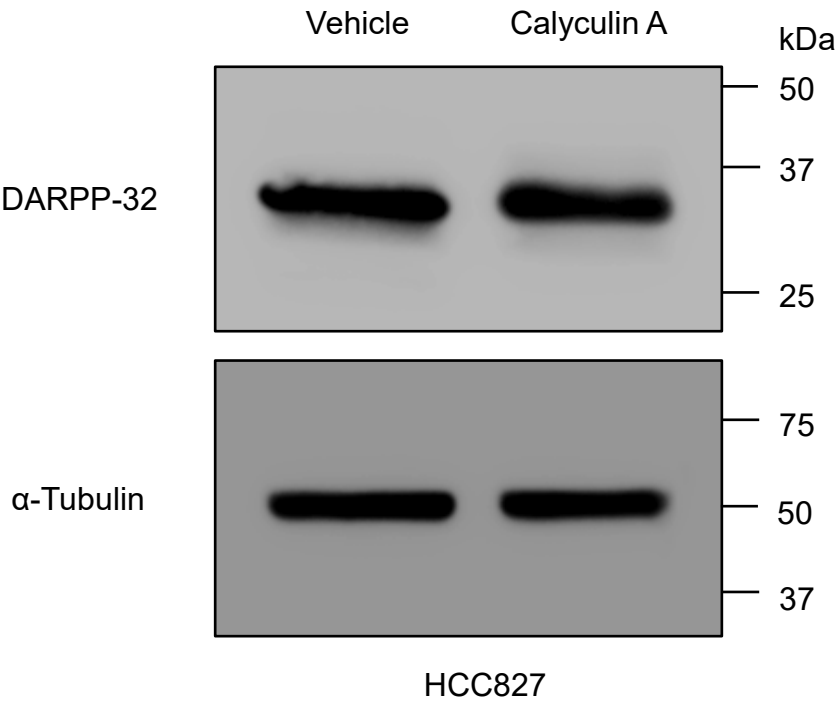
Supplementary Figure 9-continue: Full-sized scans of immunoblots in Figure 3b



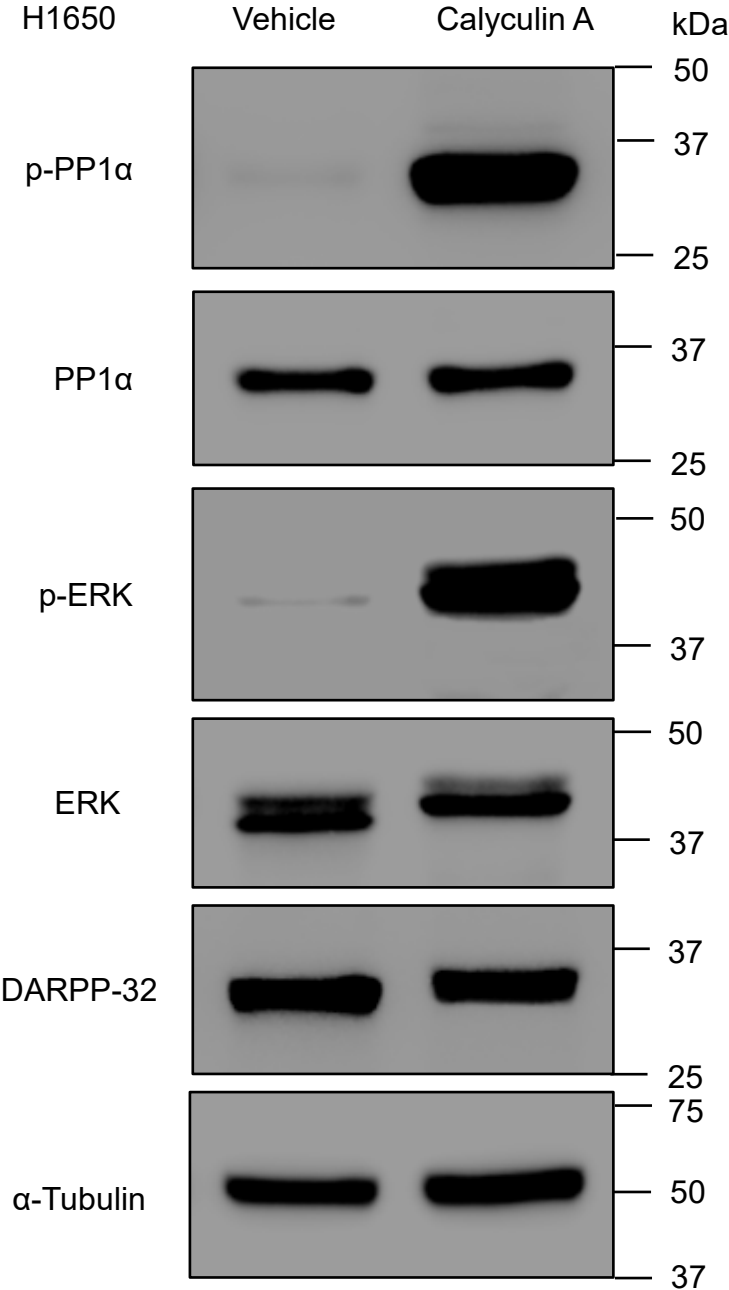
Supplementary Figure 10: Full-sized scans of immunoblots in Figure 3c



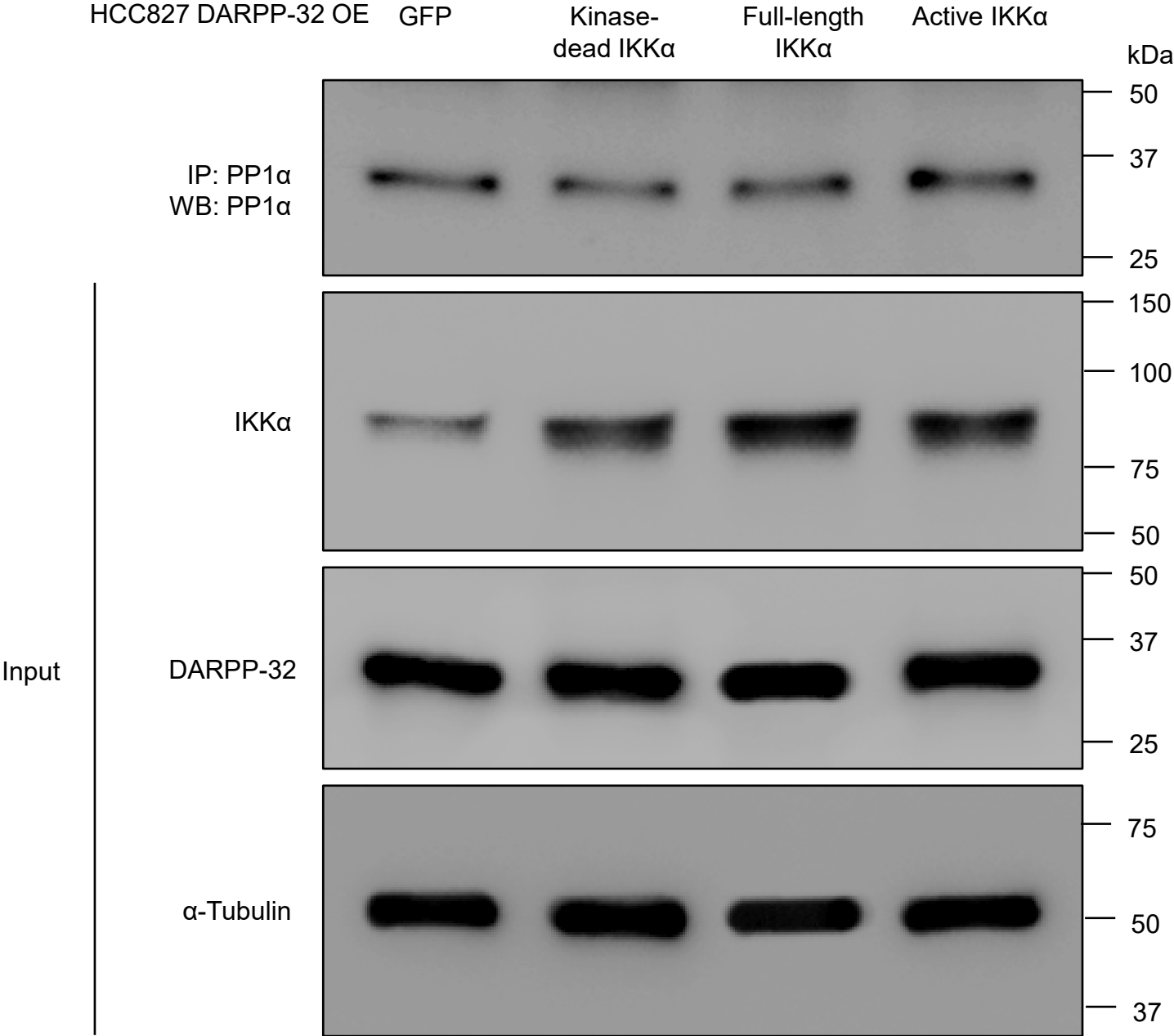
Supplementary Figure 10-continue: Full-sized scans of immunoblots in Figure 3c



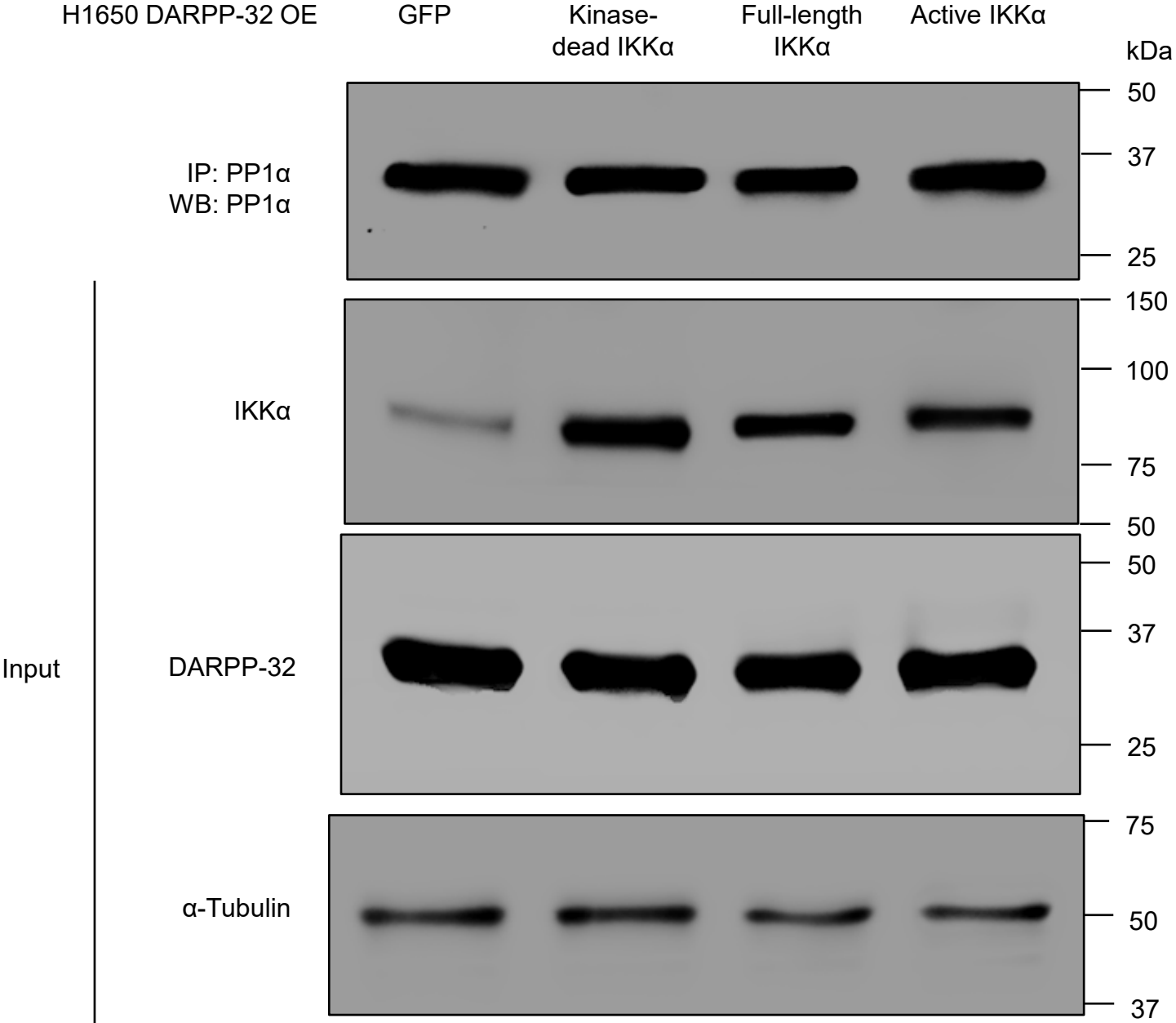
Supplementary Figure 11: Full-sized scans of immunoblots in Figure 3d



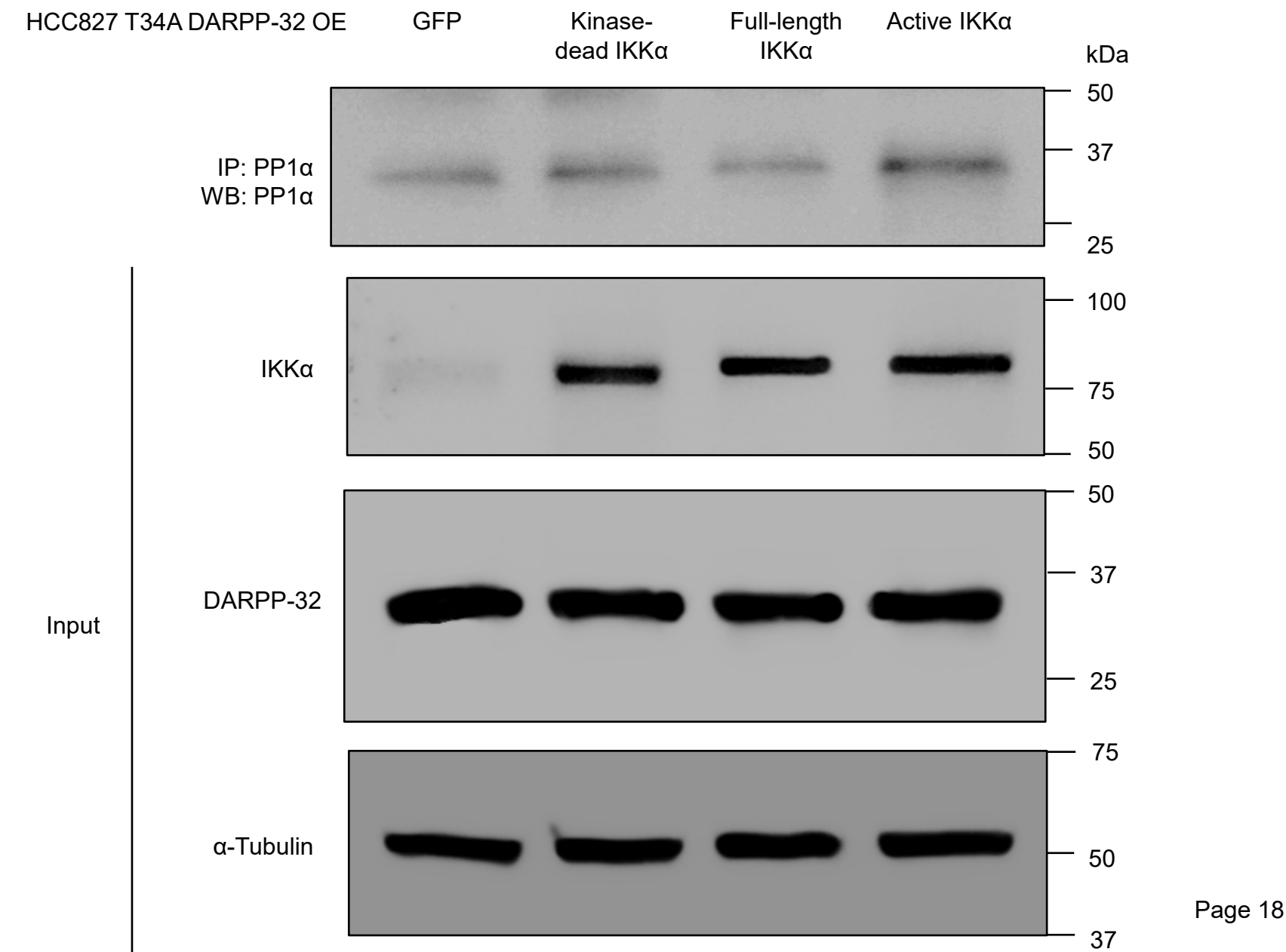
Supplementary Figure 12: Full-sized scans of immunoblots in Figure 4e



Supplementary Figure 13: Full-sized scans of immunoblots in Figure 4f



Supplementary Figure 14: Full-sized scans of immunoblots in Figure 4g



Supplementary Figure 15: Full-sized scans of immunoblots in Figure 4h

H1650 T34A DARPP-32 OE

GFP

Kinase-dead IKKα

Full-length IKKα

Active IKKα

kDa

IP: PP1α
WB: PP1α

50

37

25

IKKα

100

75

50

Input

DARPP-32

50

37

25

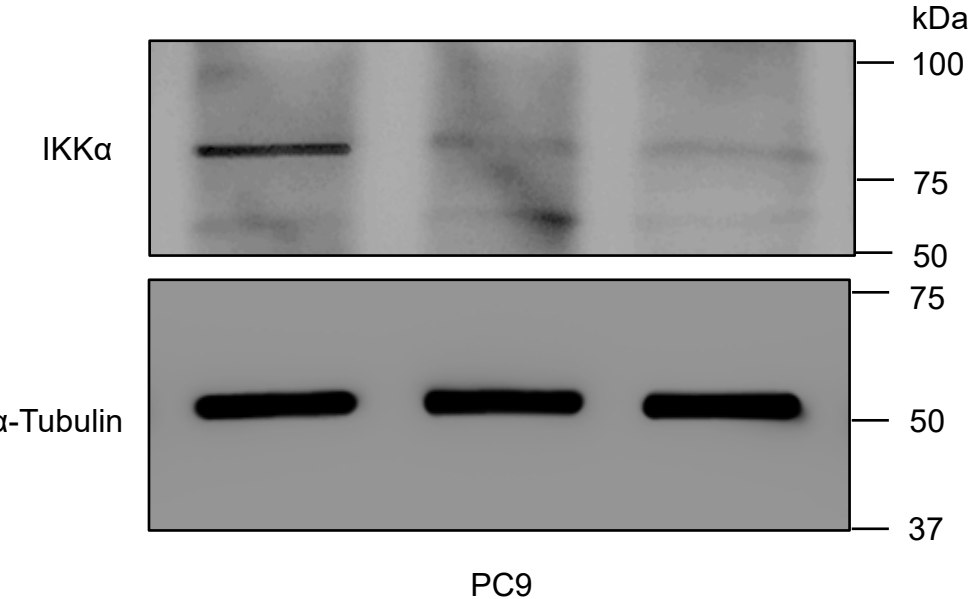
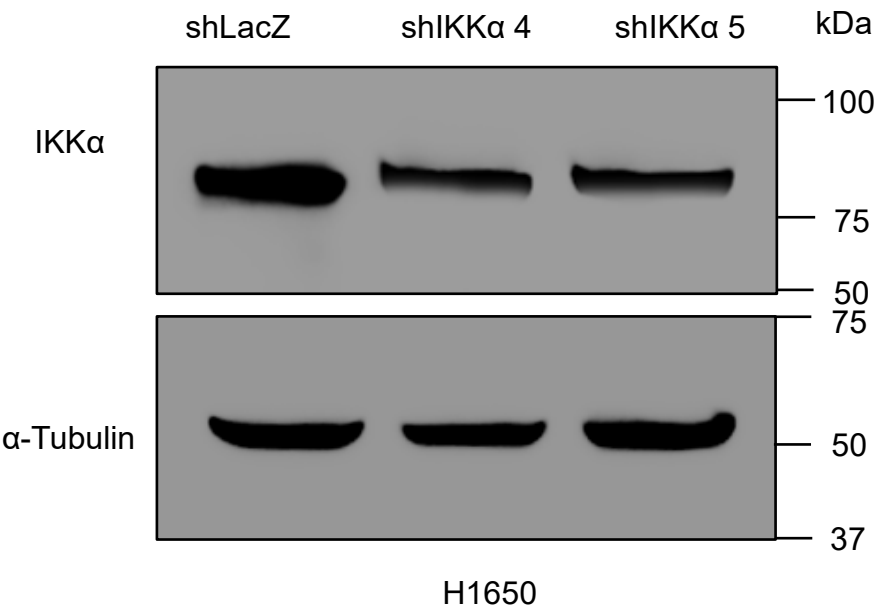
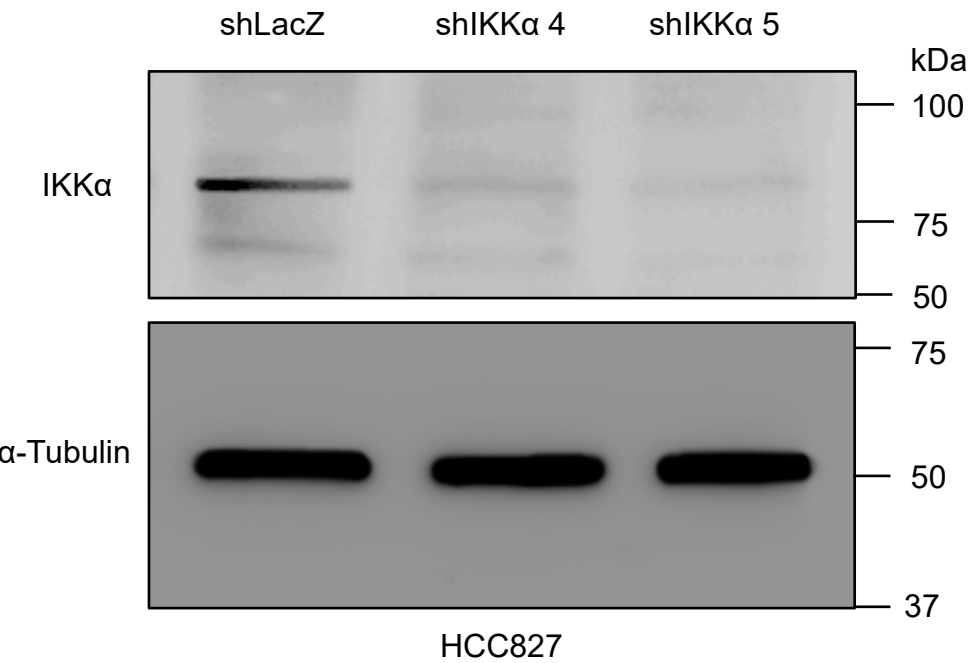
α-Tubulin

75

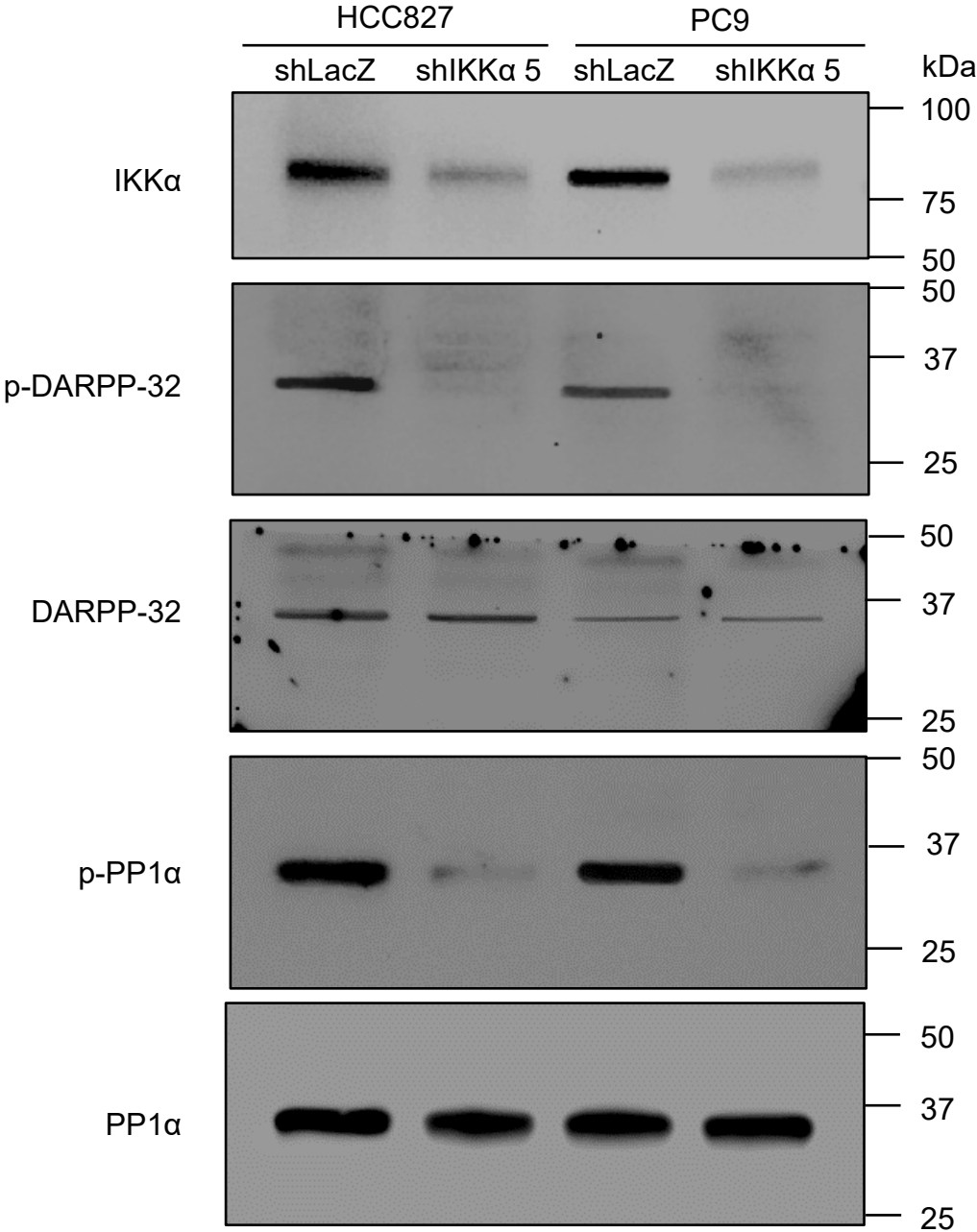
50

37

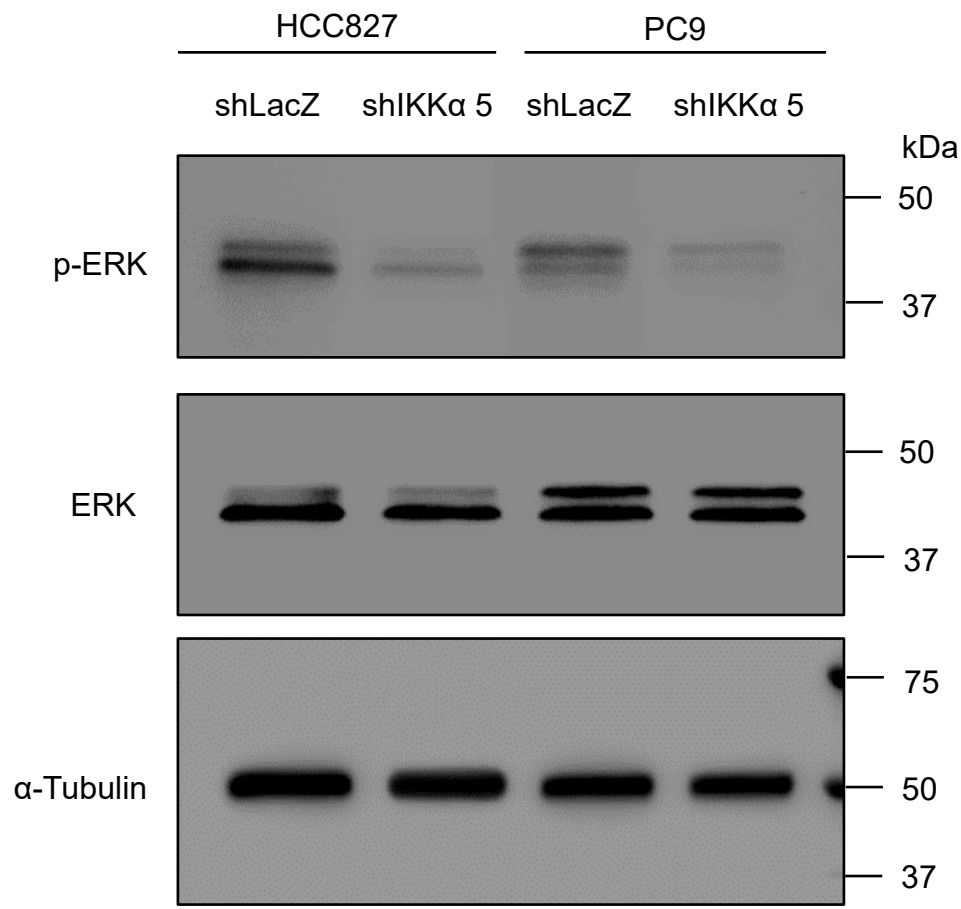
Supplementary Figure 16: Full-sized scans of immunoblots in Figure 5a



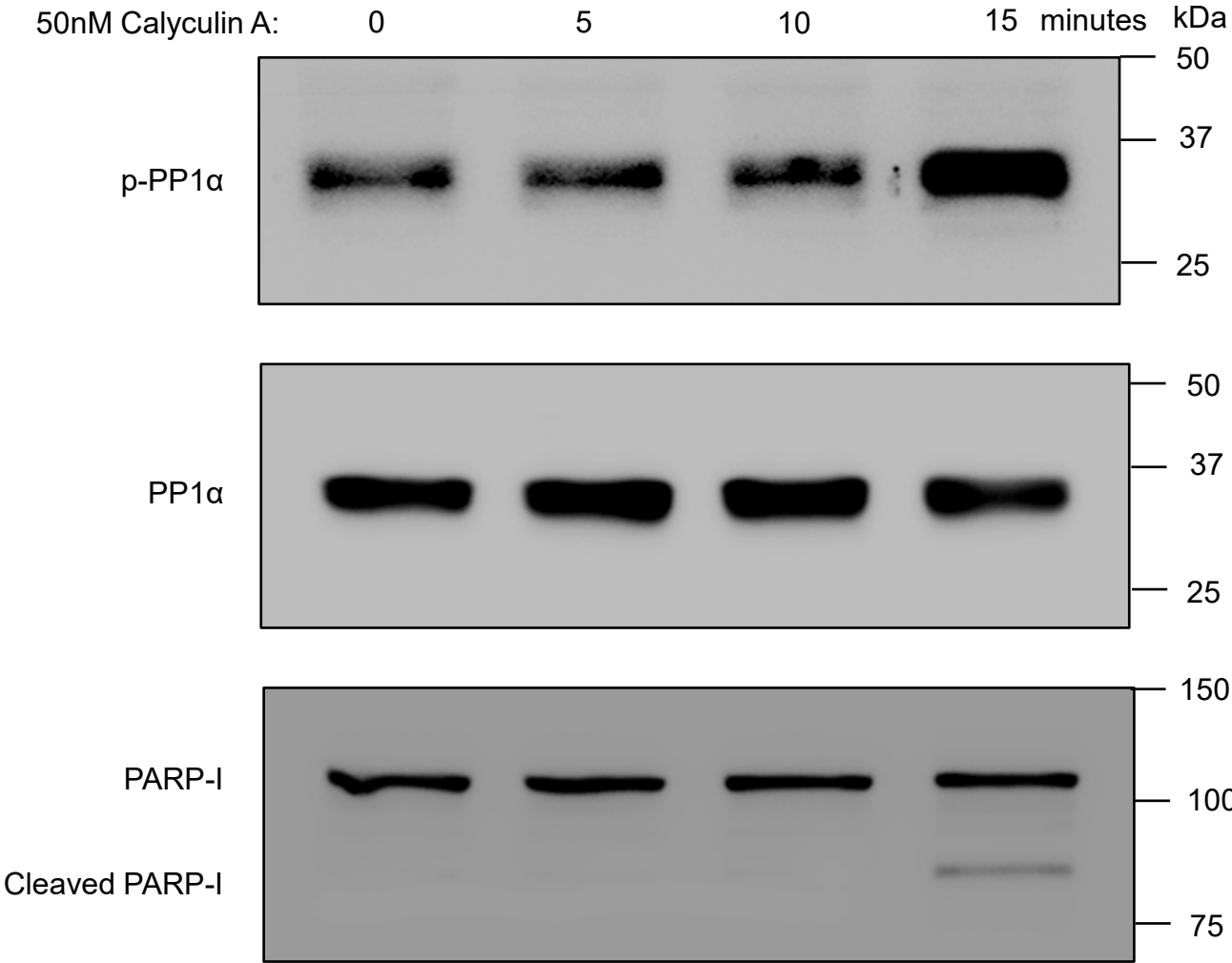
Supplementary Figure 17: Full-sized scans of immunoblots in Figure 5c-d



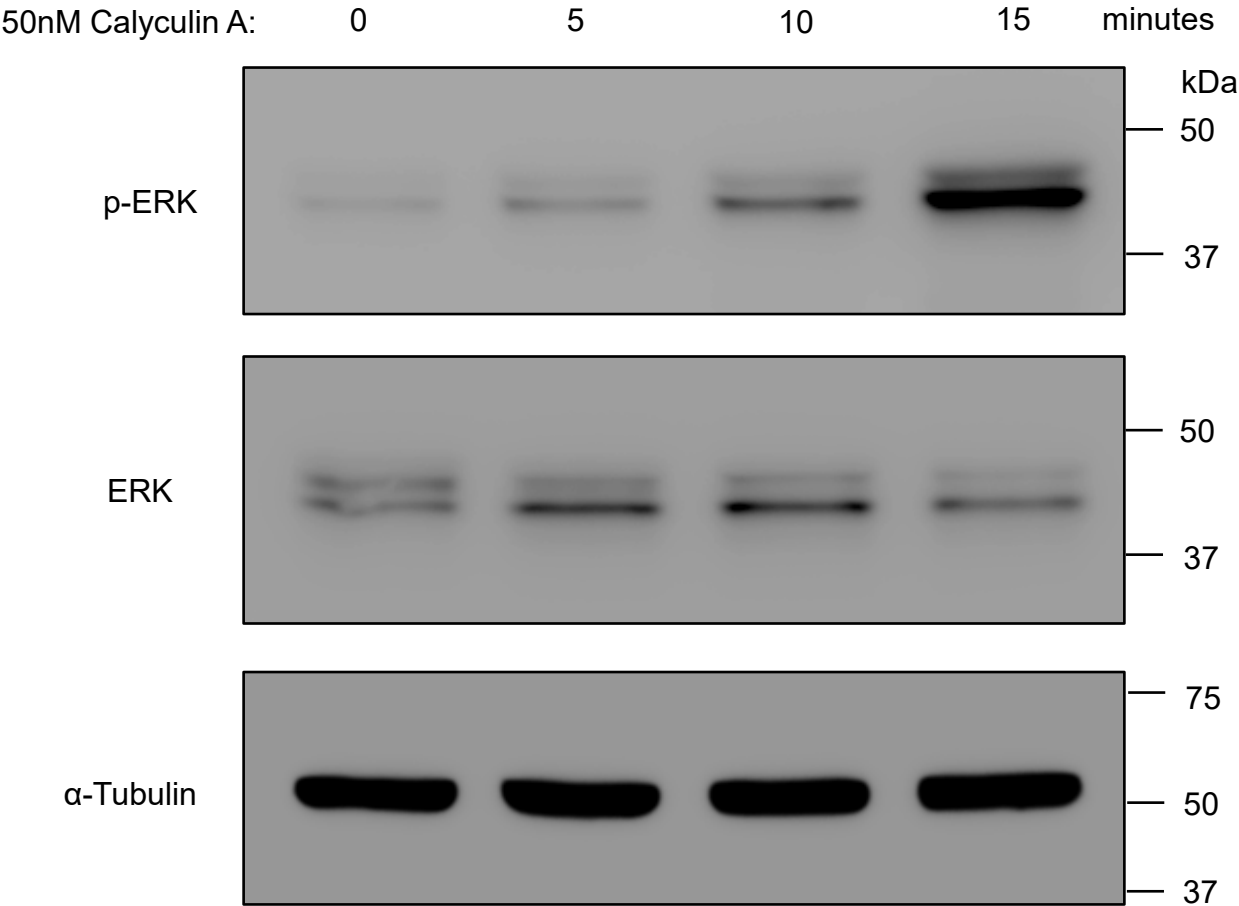
Supplementary Figure 17-continue: Full-sized scans of immunoblots in Figure 5c-d



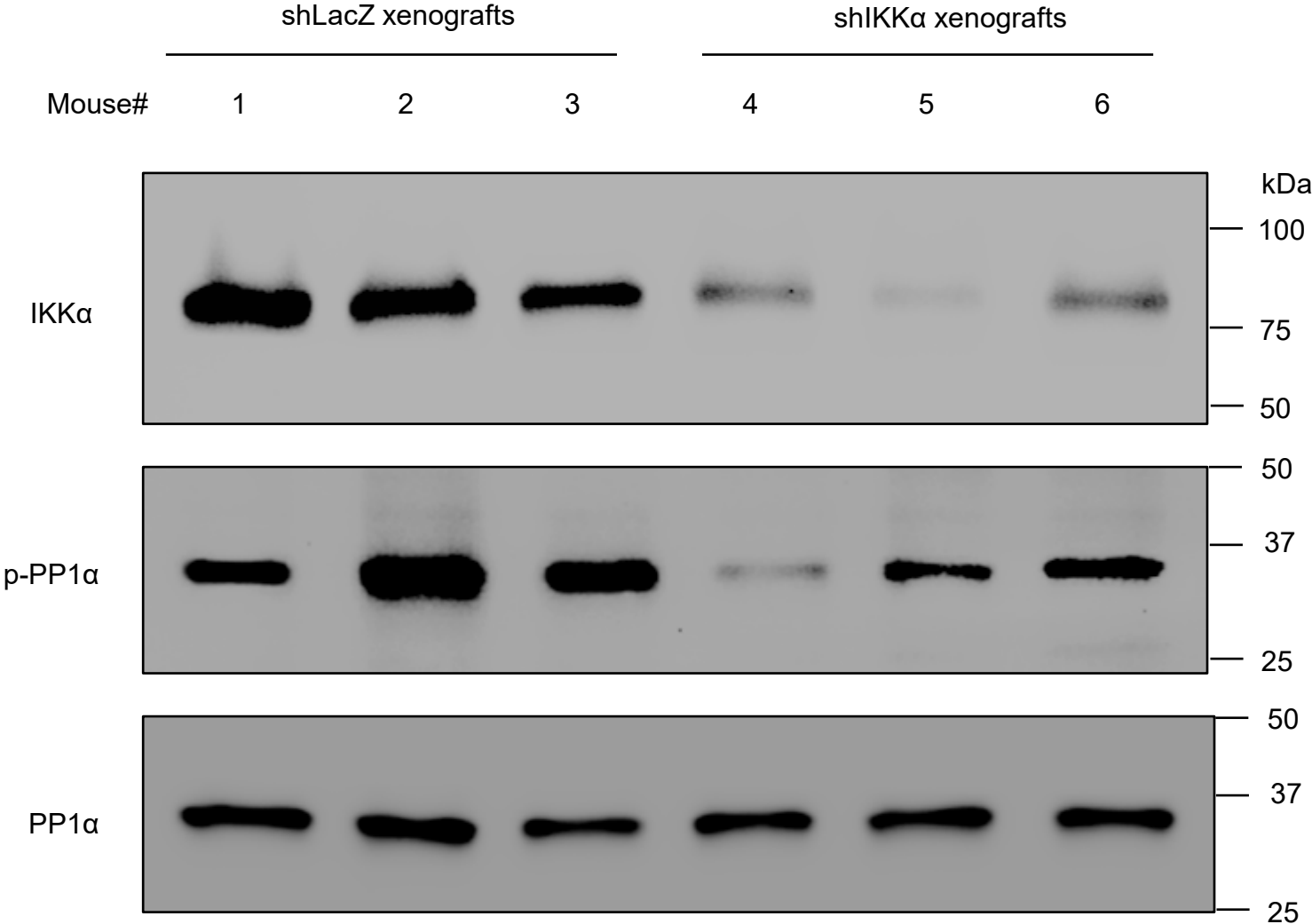
Supplementary Figure 18: Full-sized scans of immunoblots in Figure 6a



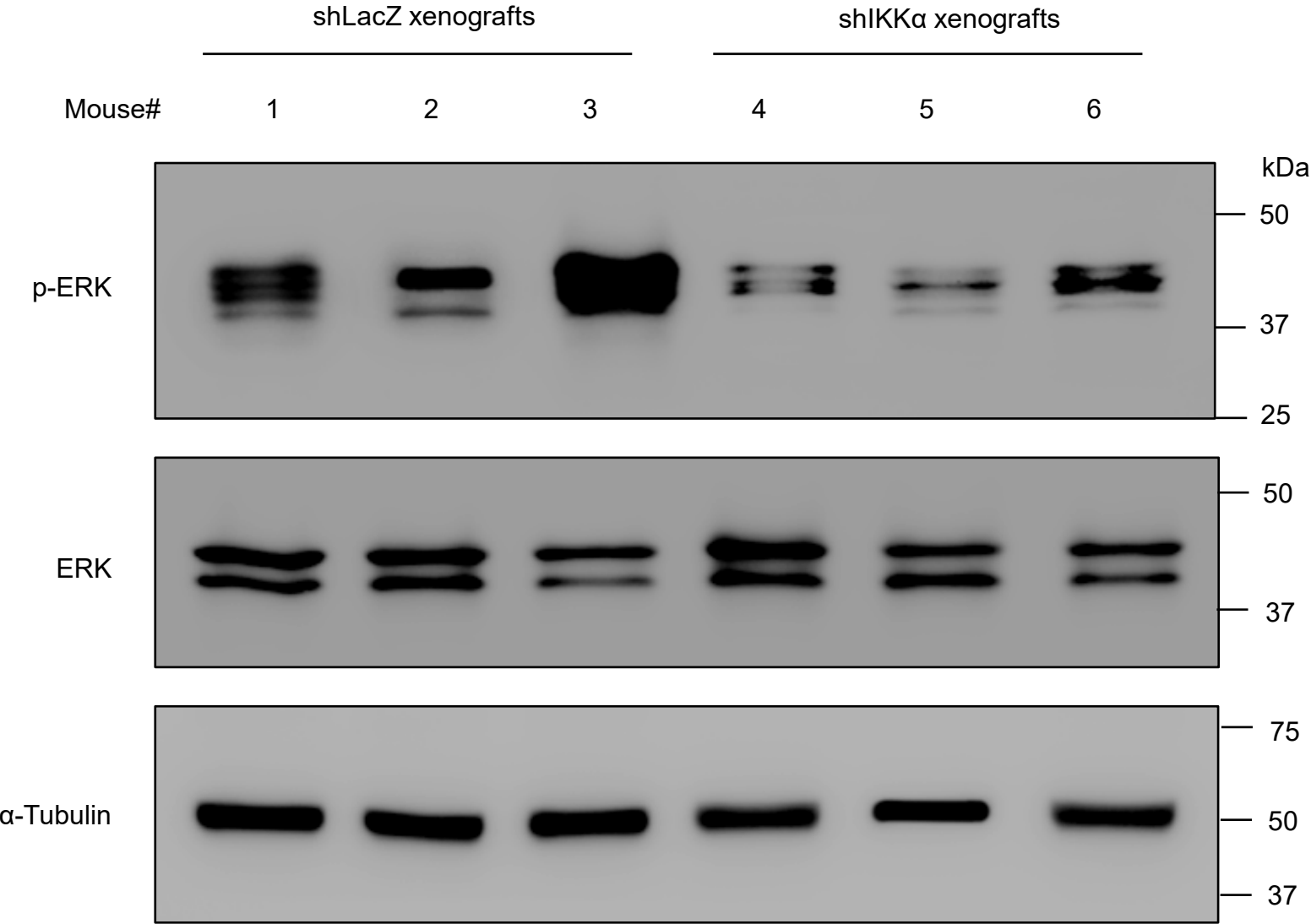
Supplementary Figure 18-continue: Full-sized scans of immunoblots in Figure 6a



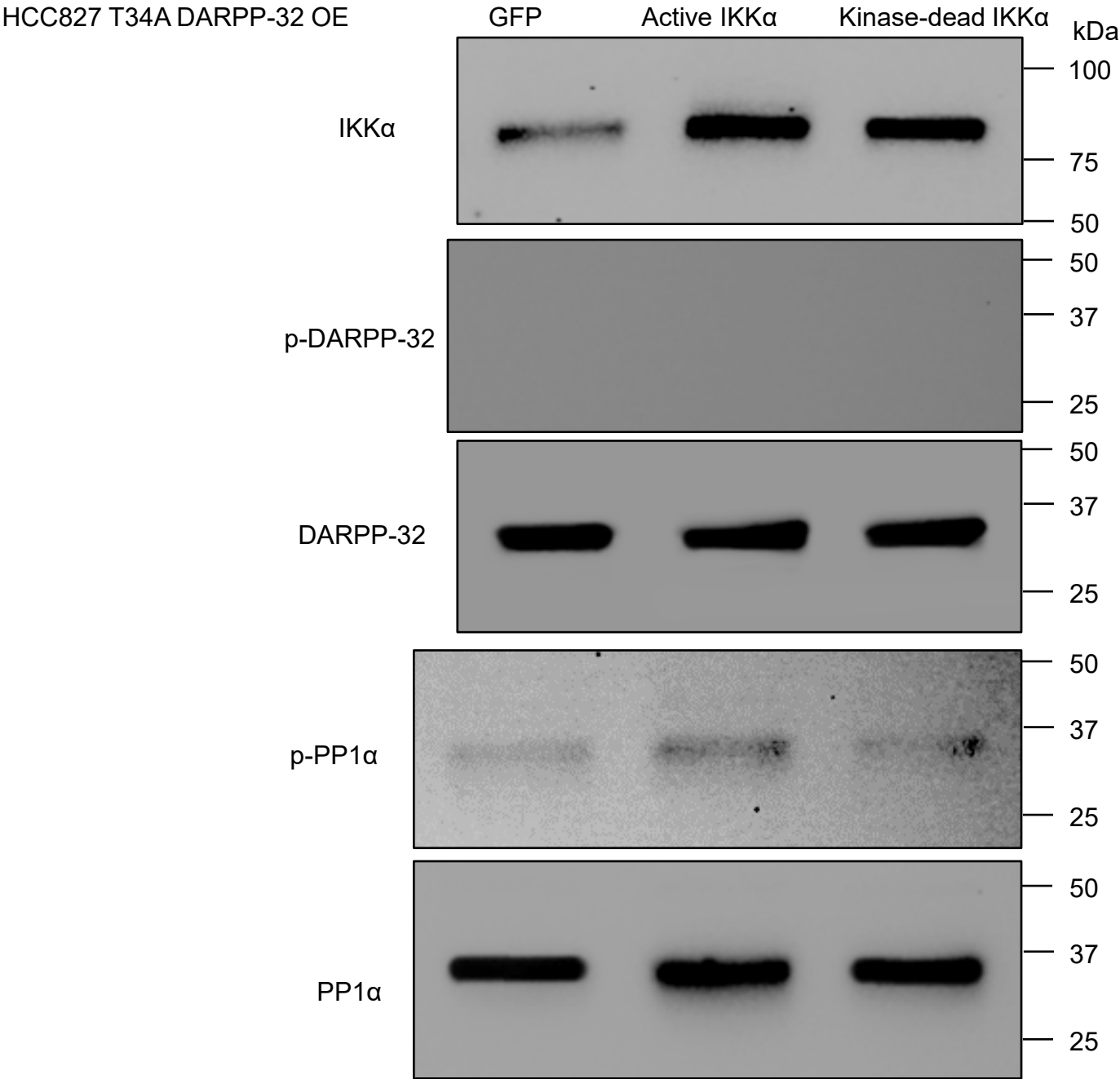
Supplementary Figure 19: Full-sized scans of immunoblots in Figure 7c



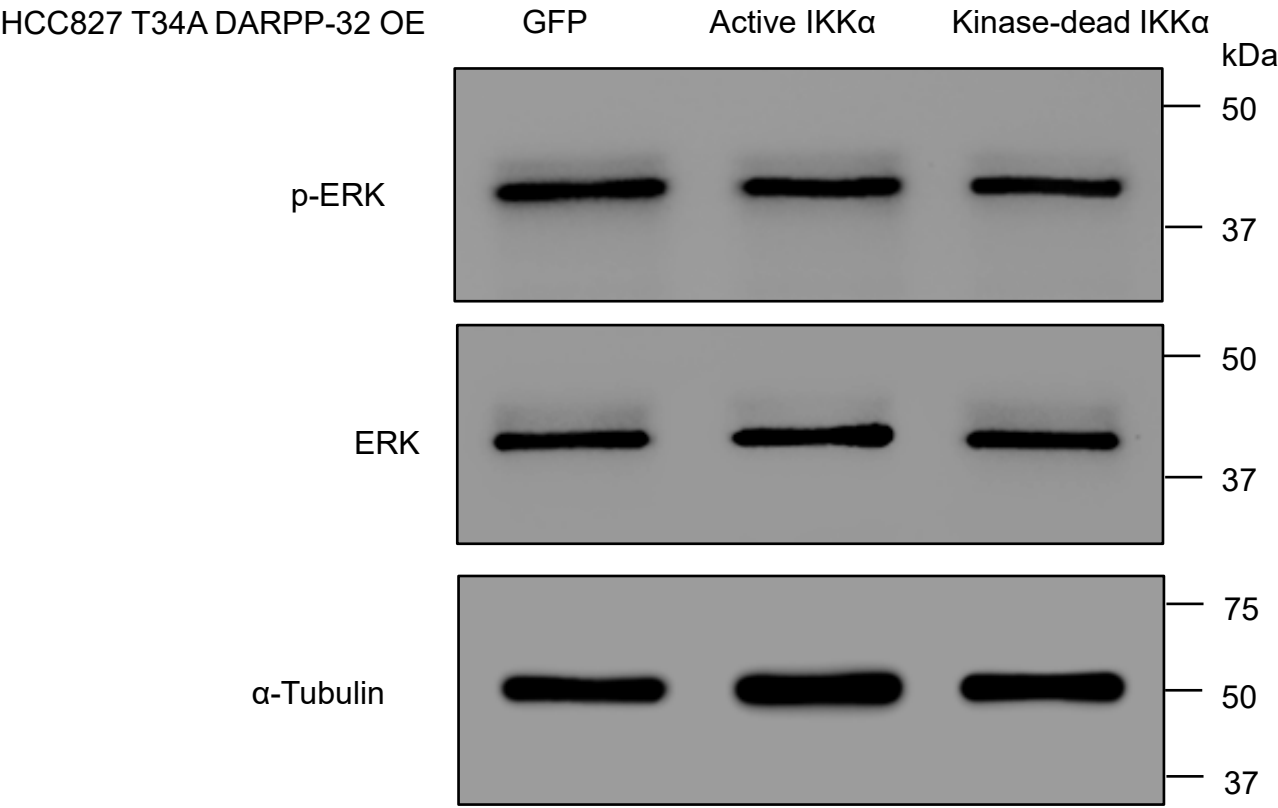
Supplementary Figure 19-continue: Full-sized scans of immunoblots in Figure 7c



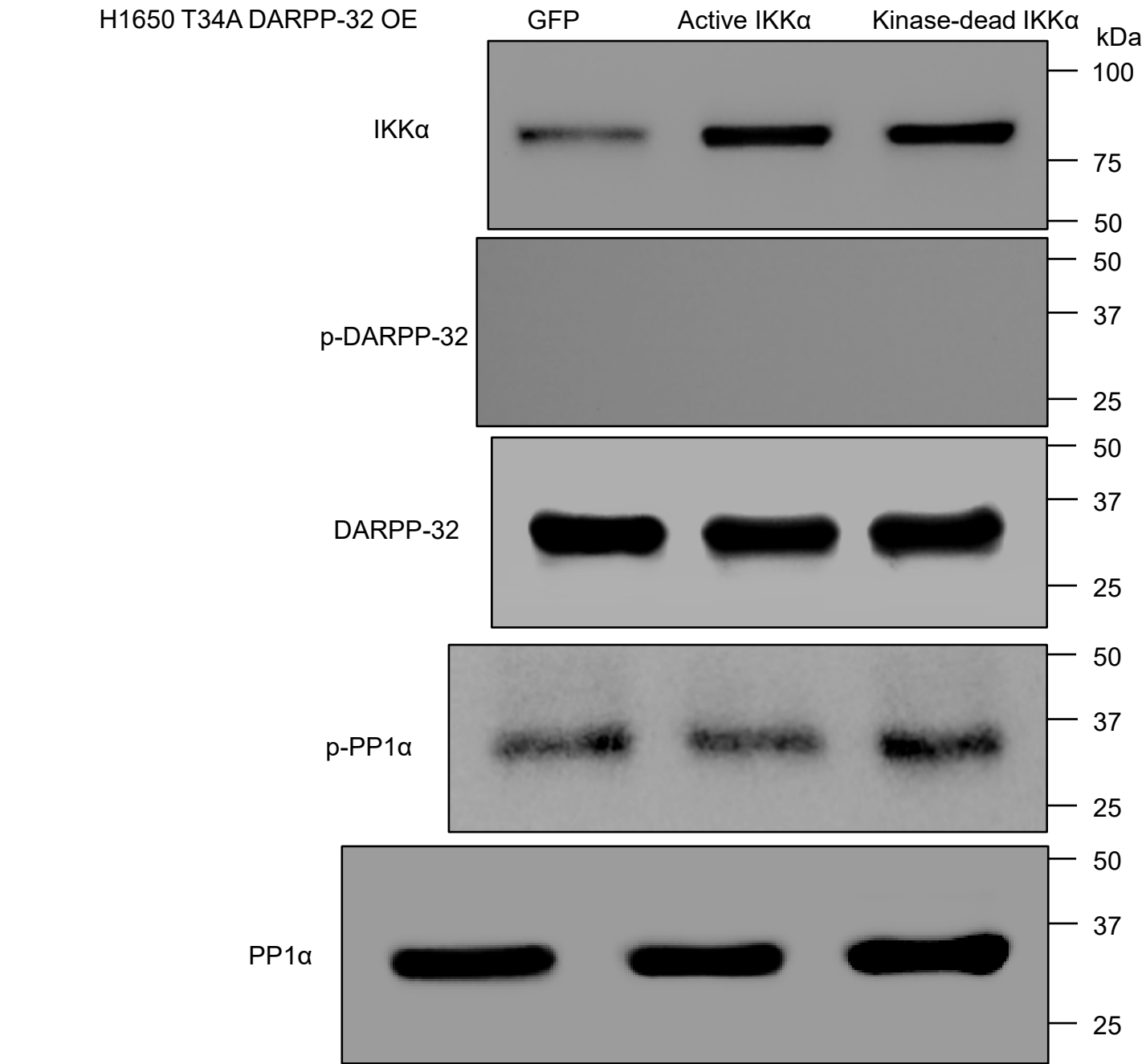
Supplementary Figure 20: Full-sized scans of immunoblots in Supplementary Figure 1a



Supplementary Figure 20-continue: Full-sized scans of immunoblots in Supplementary Figure 1a



Supplementary Figure 21: Full-sized scans of immunoblots in Supplementary Figure 1b



Supplementary Figure 21-continue: Full-sized scans of immunoblots in Supplementary Figure 1b

