

Supplement to Dodge-Kafka, et al:

IP: α -Flag

mAKAP-GFP: + +
HDAC4-Flag: + +

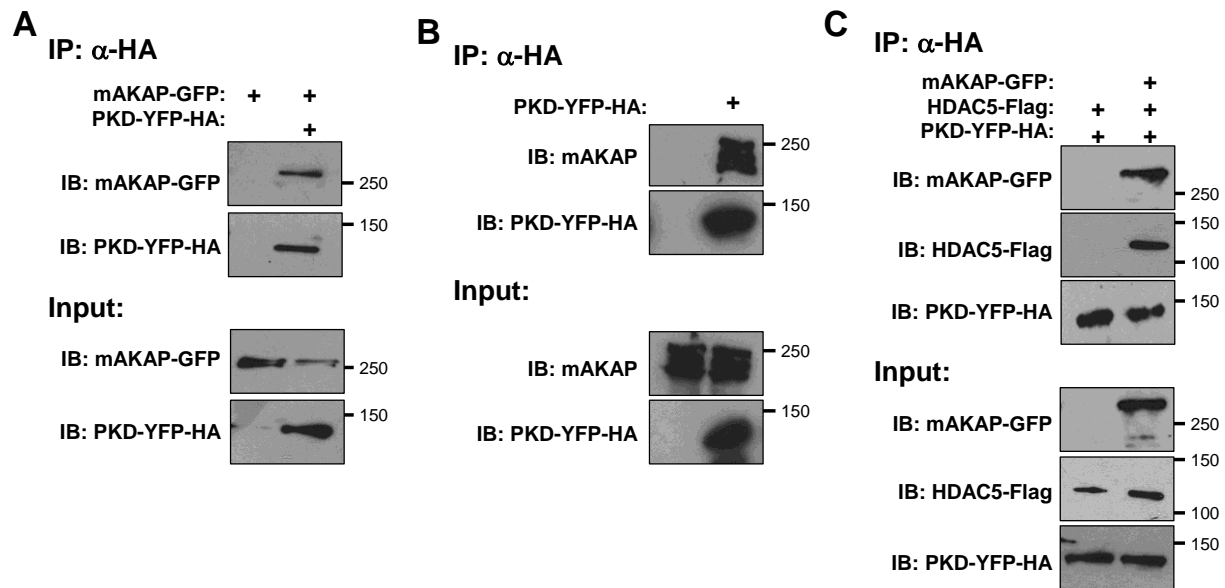
IB: mAKAP-GFP  250

Input:

IB: mAKAP-GFP  250

IB: HDAC4-Flag  100

Supplementary Figure1. **mAKAP β binds HDAC4.** Vero cells were co-transfected with expression plasmids for Flag-tagged HDAC4 and GFP-tagged mAKAP. Extracts were used in co-immunoprecipitation assays with Flag tag antibodies, and expression of the recombinant proteins was detected by western using GFP or HDAC antibodies. $n = 3$.



Supplementary Figure 2. **mAKAP β PKD-HDAC5 Signalosomes.** **A.** HEK293 cells were co-transfected with expression plasmids for YFP and HA-tagged PKD and GFP-tagged mAKAP. Extracts were used in co-immunoprecipitation assays with HA-tag antibodies, and expression of the recombinant proteins was using HA or GFP antibodies. **B.** Neonatal rat ventricular myocytes were infected with virus for PKD-YFP-HA. Extracts were used in co-immunoprecipitation assays with HA-tag antibodies, and expression of endogenous mAKAP β and recombinant PKA was using mAKAP and HA antibodies. **C.** HEK293 cells were co-transfected with expression plasmids for PKD-YFP-HA, mAKAP-GFP and HDAC5-Flag. Extracts were used in co-immunoprecipitation assays with HA-tag antibodies, and expression of the recombinant proteins was using tag antibodies. $n = 3$ for each panel.