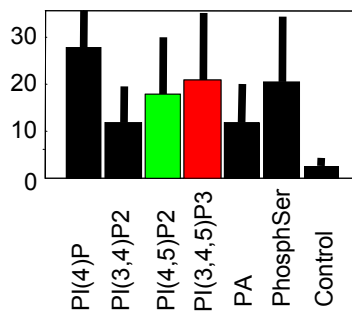
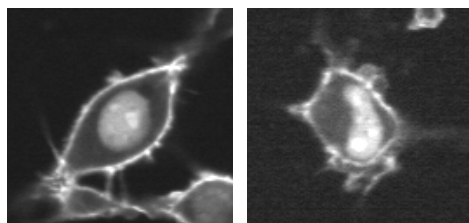
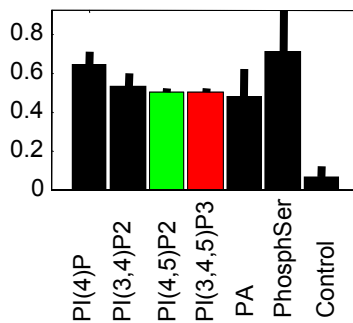
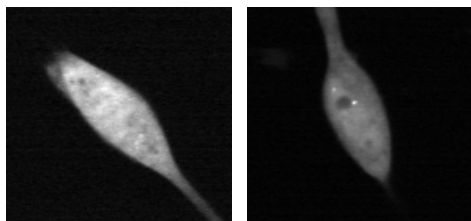


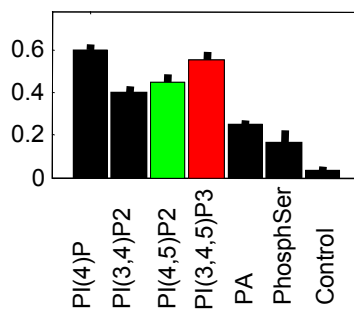
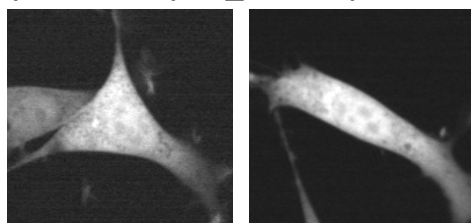
1) 2610034M16Rik-PH (NM\_027001)



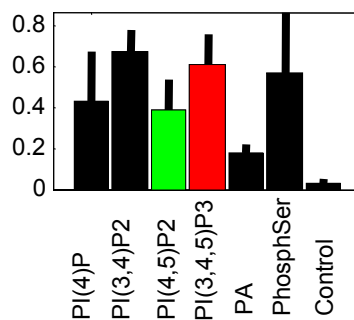
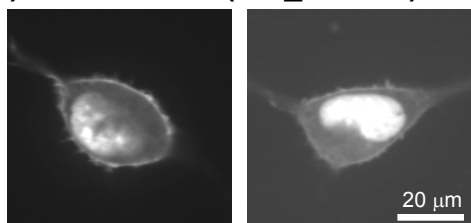
2) 2610034M16Rik-PH2 (NM\_027001)



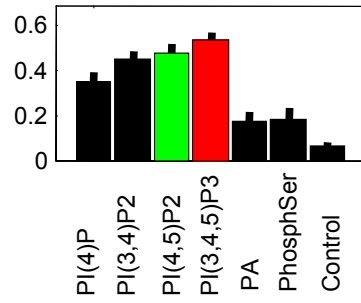
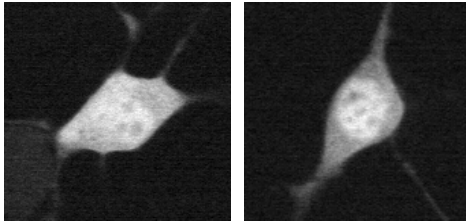
3) ABR-PH (NM\_198894)



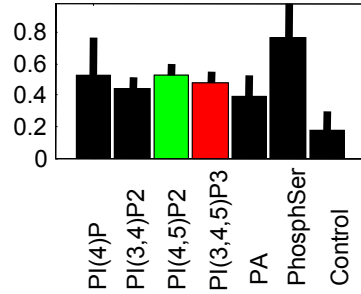
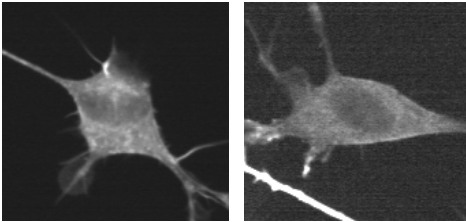
4) ADRPK1-PH (NM\_130863)



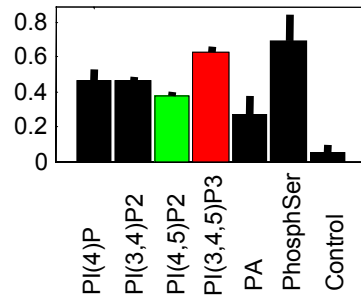
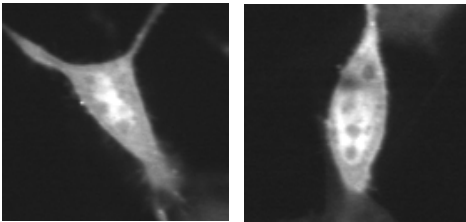
**5) AFAP1-PH (NM\_027373)**



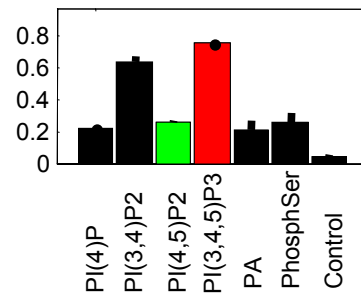
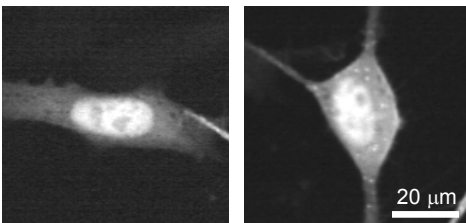
**6) AKAP13-PH (XM\_907140, XM\_133543)**



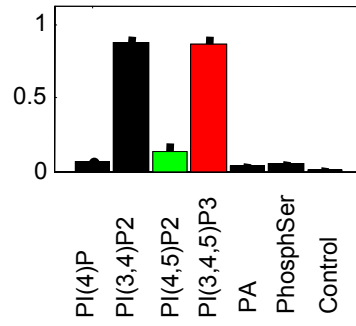
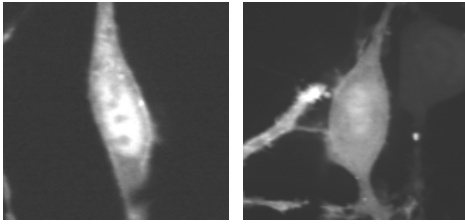
**7) AKT1-PH (NM\_009652)**



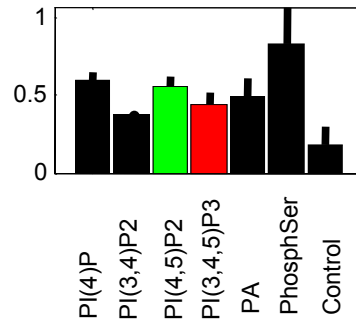
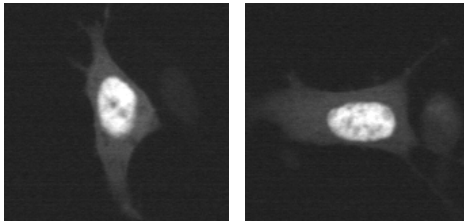
**8) AKT2-PH (NM\_007434)**



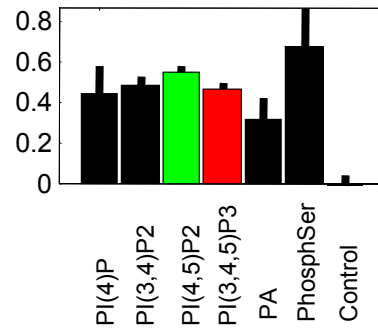
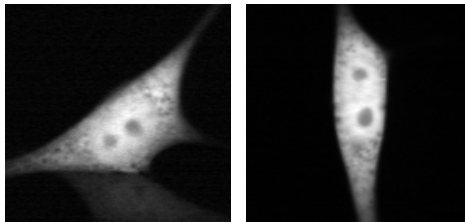
**9) AKT3-PH (NM\_011785)**



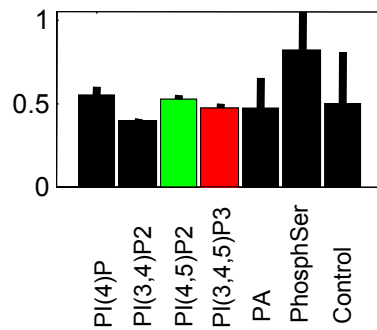
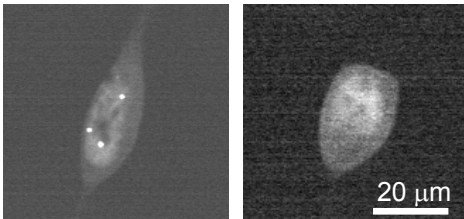
**10) APBB1IP-PH (NM\_019456)**



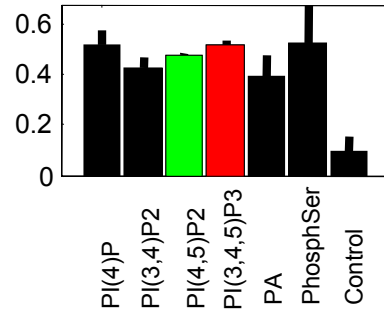
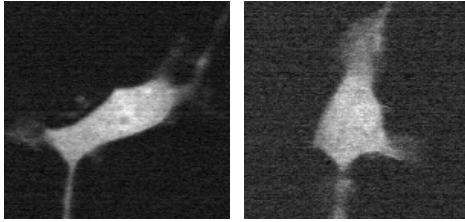
**11) ARHGEF18-PH (NM\_133962)**



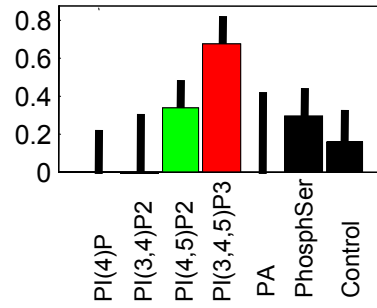
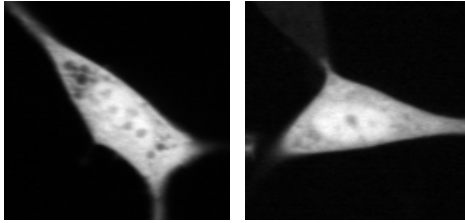
**12) ARHGAP10-PH (NM\_030113)**



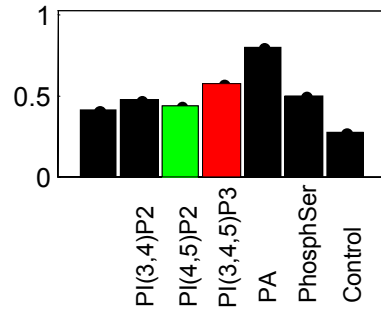
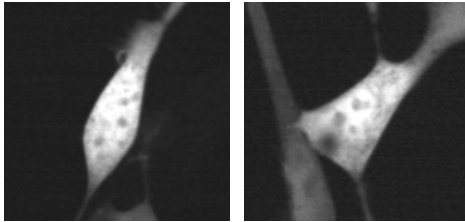
**13) ARHGEF2-PH (NM\_008487)**



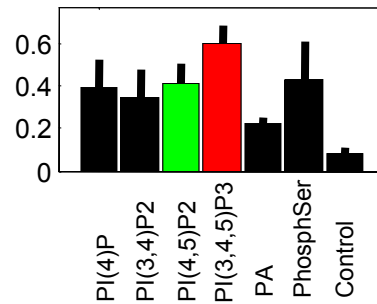
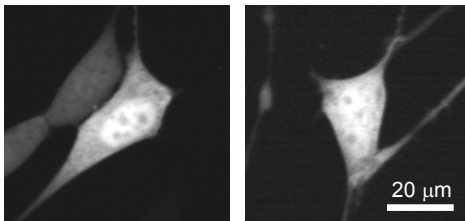
**14) ARHGEF3-PH (NM\_027871)**



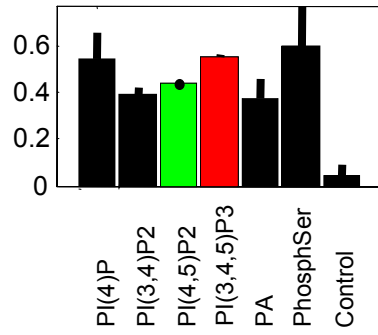
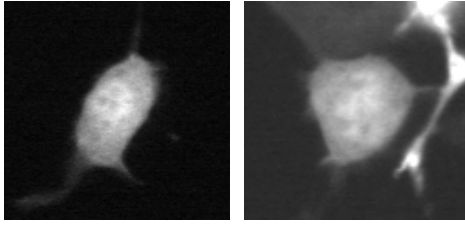
**15) ARHGEF7-PH (NM\_017402)**



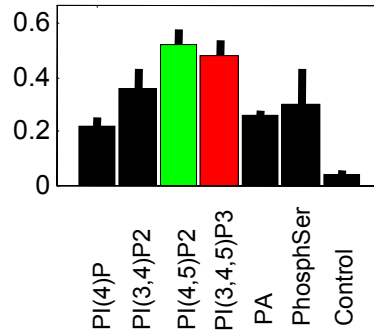
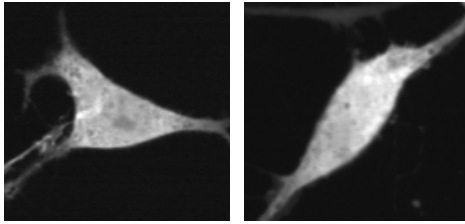
**16) BTK-PH (NM\_013482)**



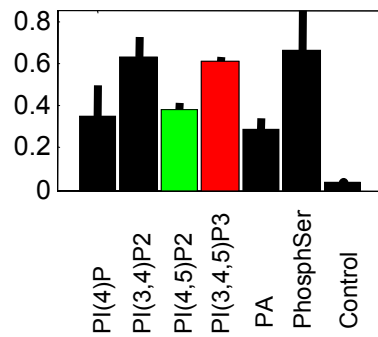
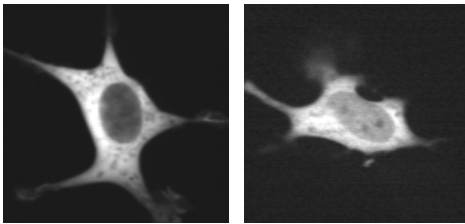
### 17) CADPS-PH (NM\_012061)



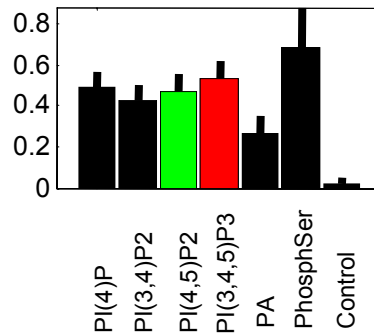
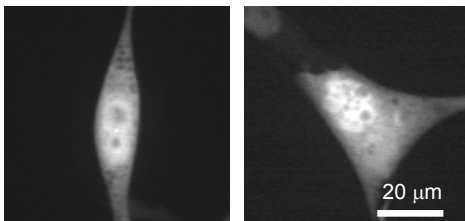
### 18) CENTB5-PH (NM\_207223)



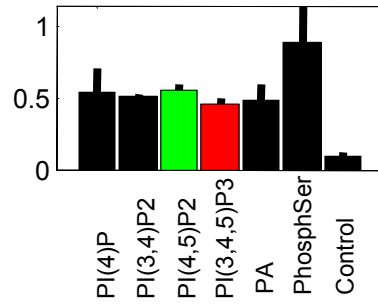
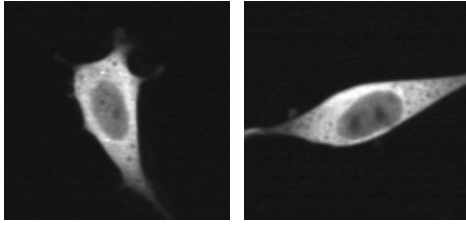
### 19) CENTD1-PH (XM\_132099)



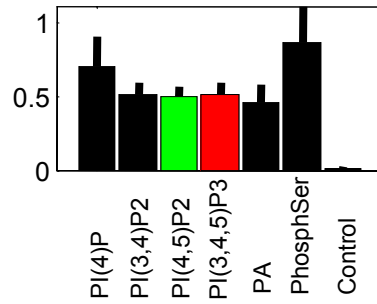
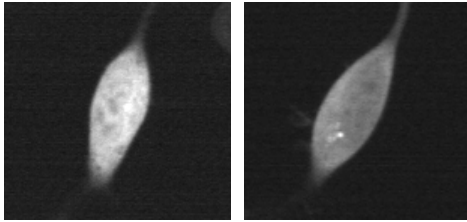
### 20) CENTD1-PH2 (XM\_132099)



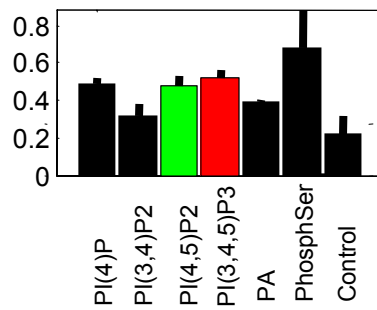
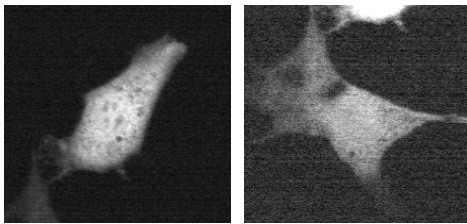
### 21) CENTD2-PH (NM\_027180)



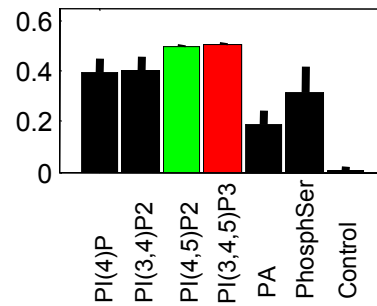
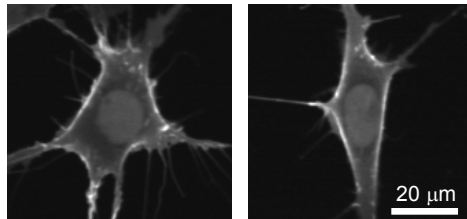
### 22) CENTD2-PH (NM\_027180)



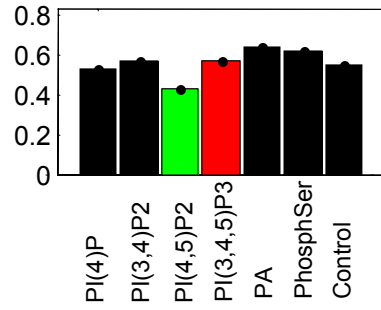
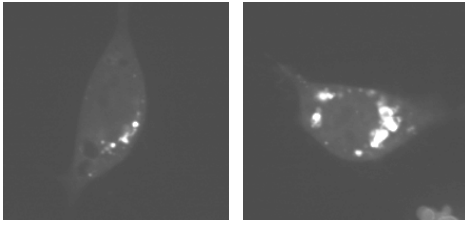
### 23) CIT-PH (NM\_007708)



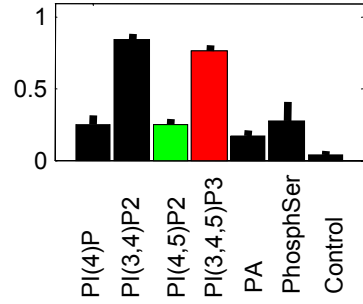
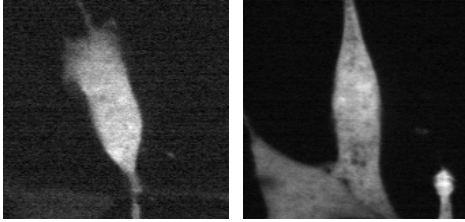
### 24) CNKSR2-PH (NM\_177751)



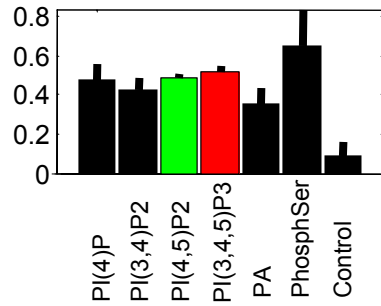
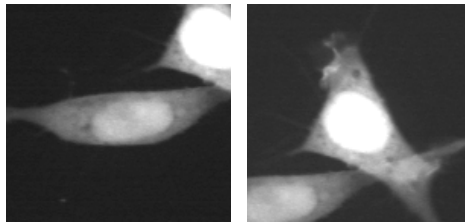
25) COL4ABP3-PH (NM\_023420)



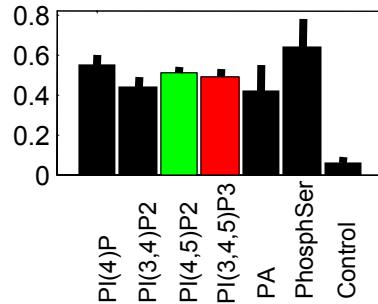
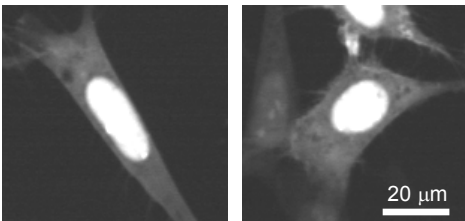
26) DAPP1-PH (NM\_011932)



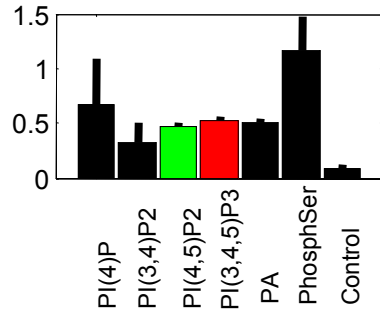
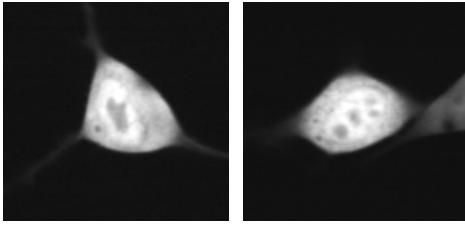
27) DDEF1-PH (NM\_010026)



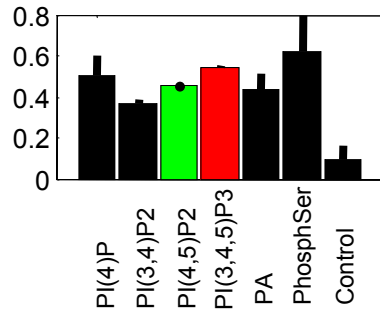
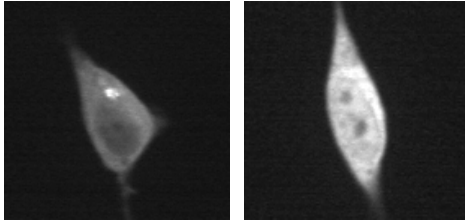
28) DGKD-PH (XM\_906228)



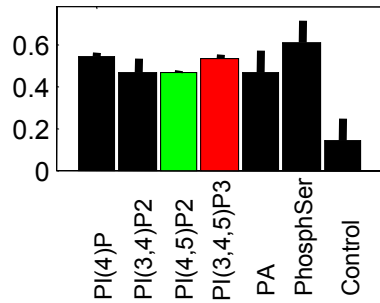
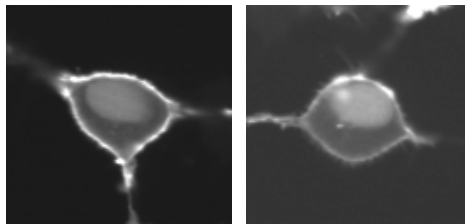
29) DNM1-PH (NM\_010065)



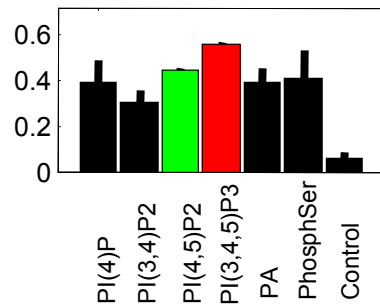
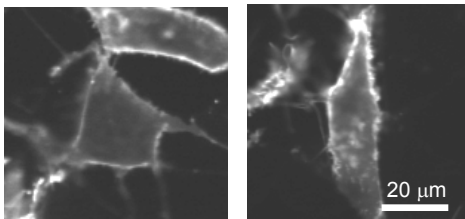
30) DNM2-PH (NM\_007871)



31) DOK1-PH (NM\_010070)

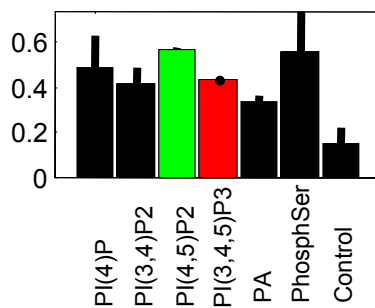
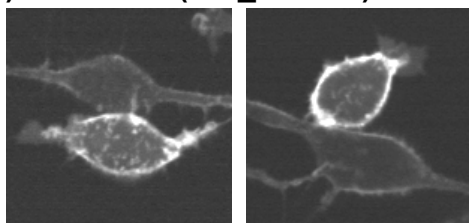


32) DOK4-PH (NM\_053246)

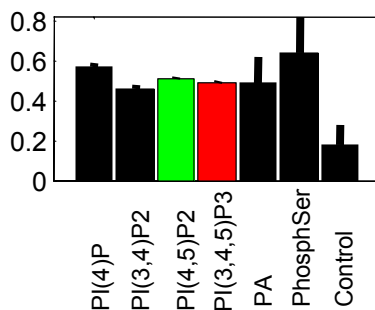
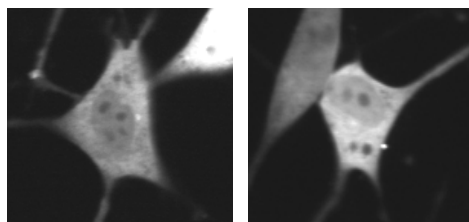




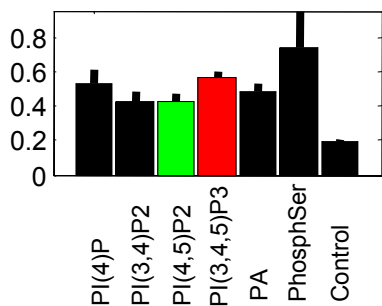
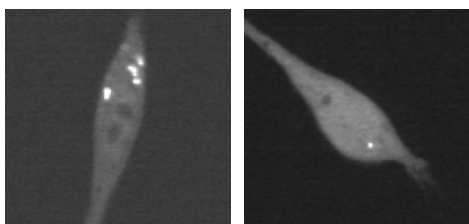
### 33) DOK5-PH (NM\_029761)



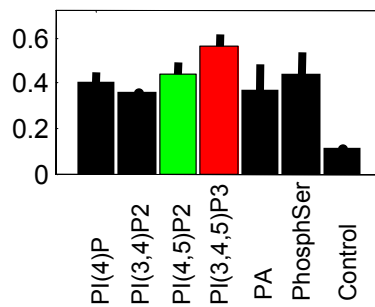
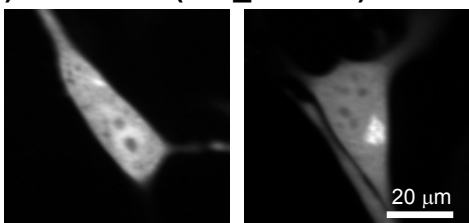
### 34) FARP1-PH (NM\_134082)



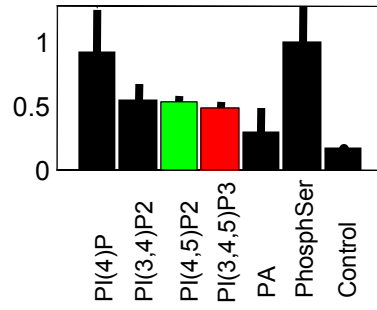
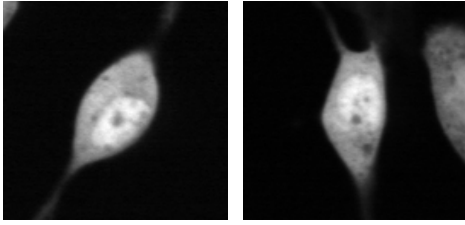
### 35) FARP1-PH2 (NM\_134082)



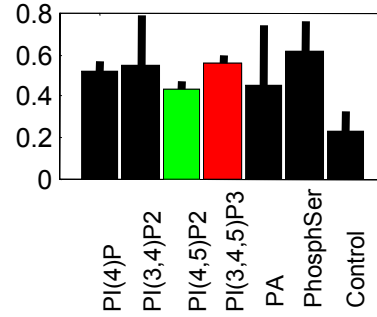
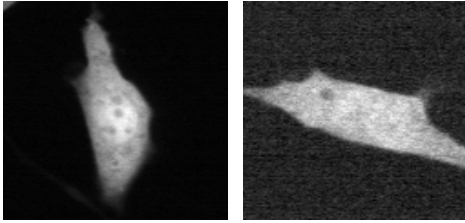
### 36) FGD1-PH (NM\_008001)



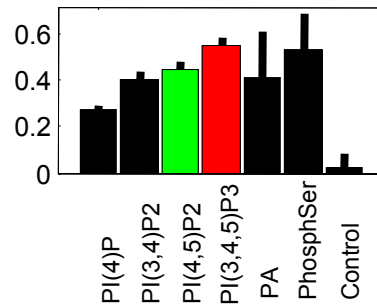
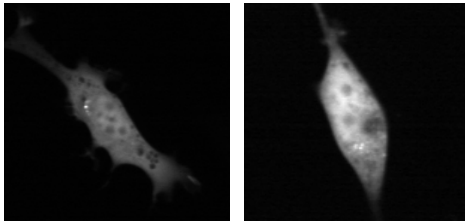
37) FGD1-PH2 (NM\_008001)



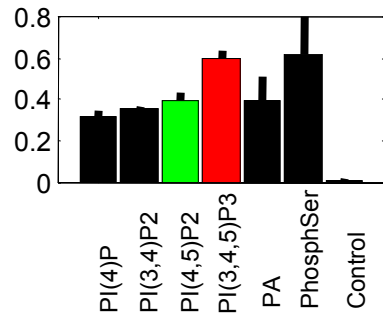
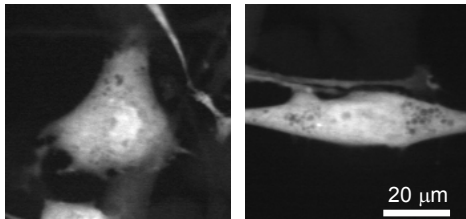
38) FGD1-PHB (NM\_008001)



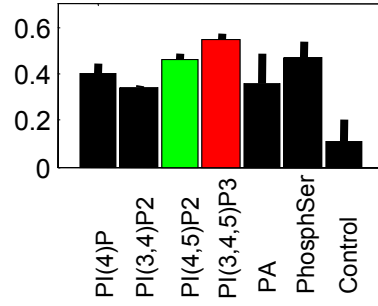
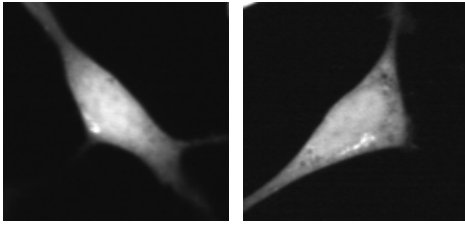
39) FGD2-PH (NM\_013710)



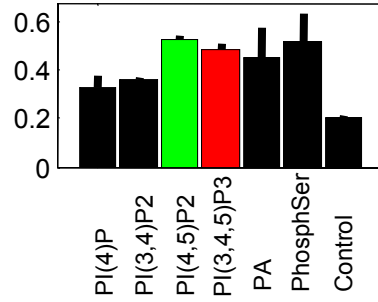
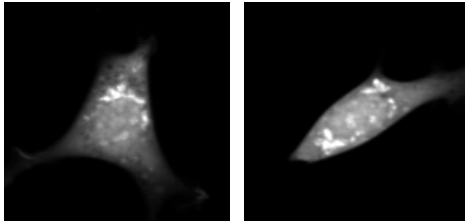
40) FGD3-PH (NM\_015759)



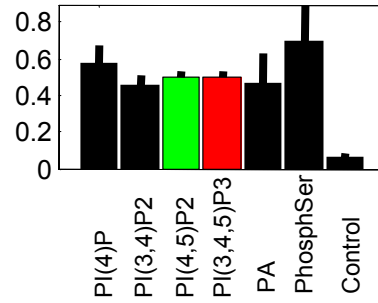
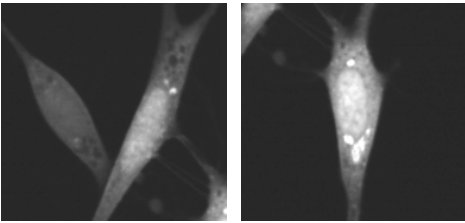
#### 41) FGD6-PH (NM\_053072)



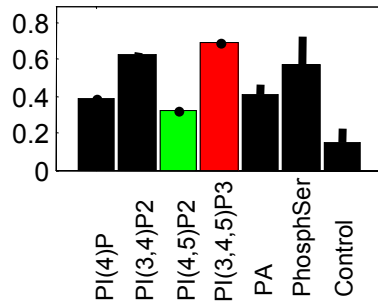
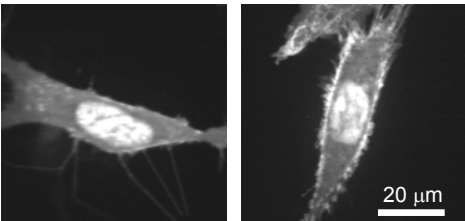
#### 42) FGD6-PH2 (NM\_053072)



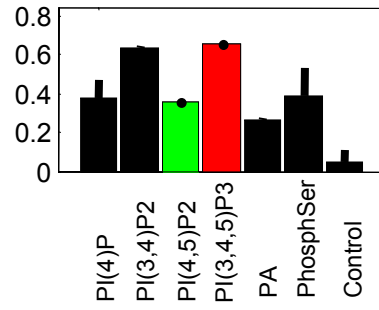
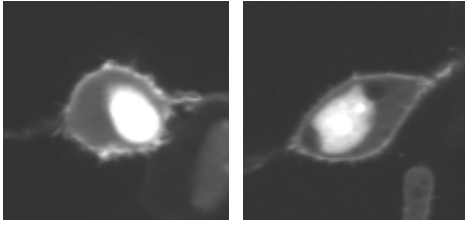
#### 43) FGD6-PHT (NM\_053072)



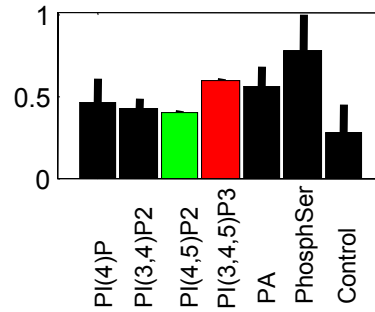
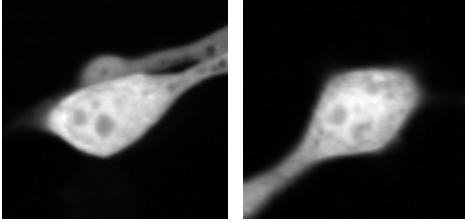
#### 44) GAB1-PH (NM\_021356)



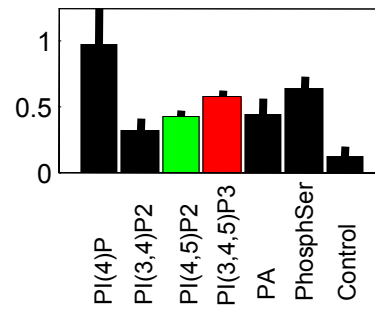
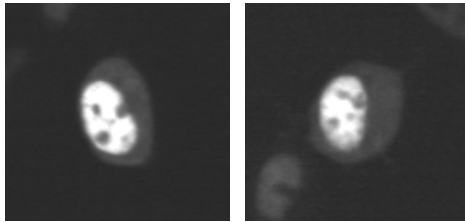
45) GAB2-PH (NM\_010248)



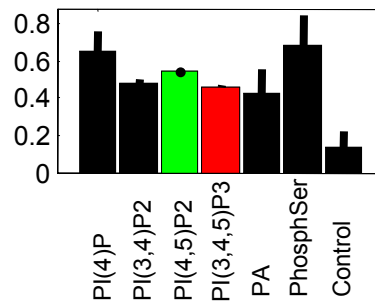
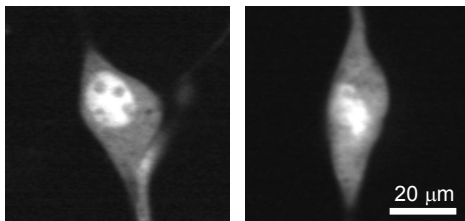
46) GEFT-PH (NM\_028027)



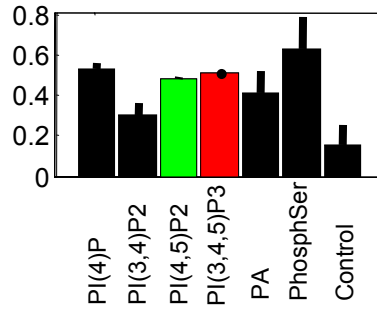
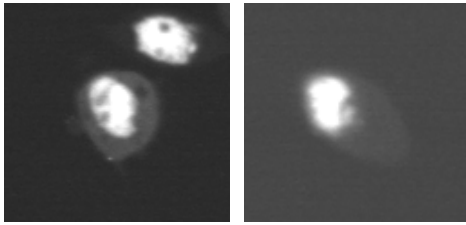
47) GRB10-PH (NM\_010345)



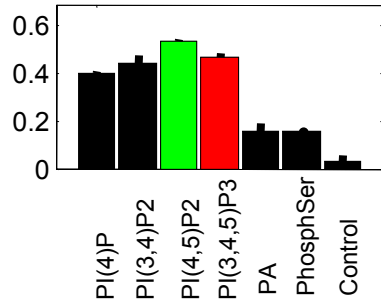
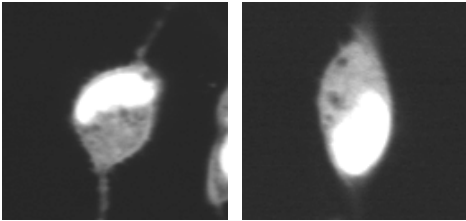
48) GRB14-PH (NM\_016719)



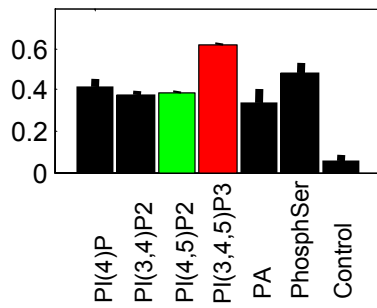
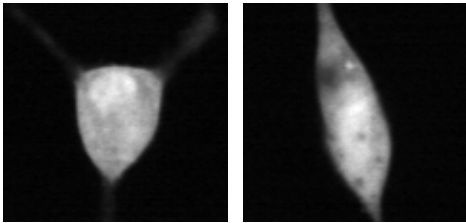
### 49) GRB7-PH (NM\_010346)



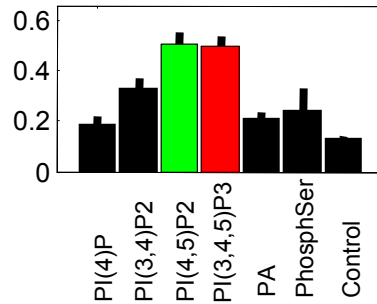
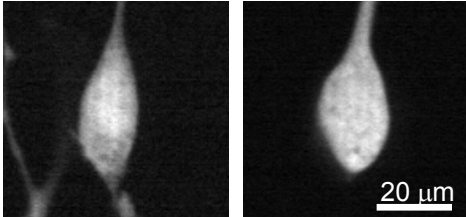
### 50) IRS1-PH (NM\_010570)



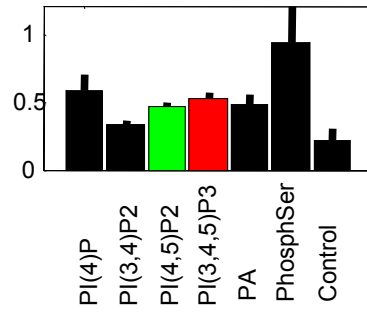
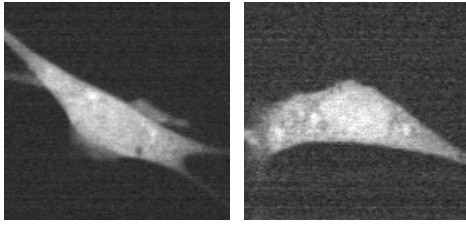
### 51) ITK-PH (NM\_010583)



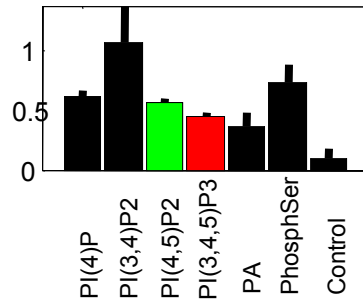
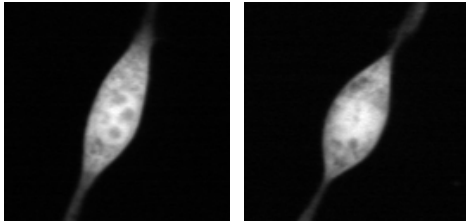
### 52) ITSN1-PH (NM\_010587)



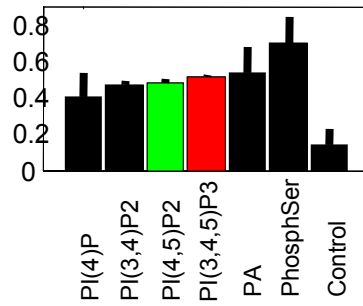
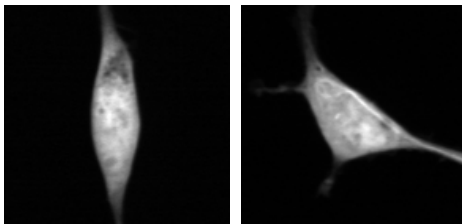
53) ITSN2-PH (NM\_011365)



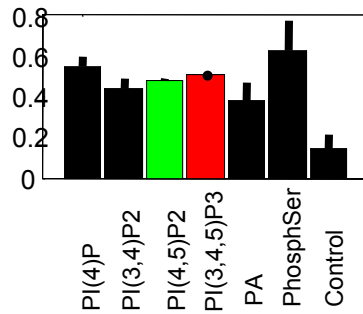
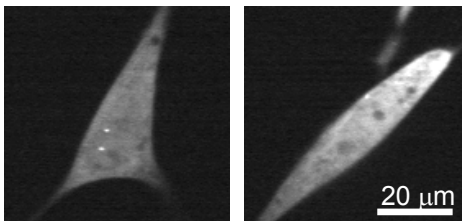
54) KALRN-PH (XM\_993034)



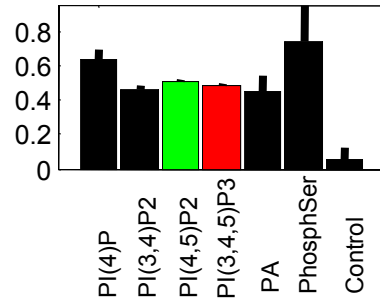
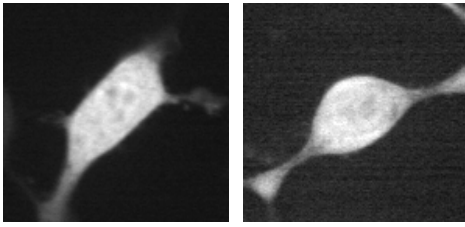
55) KIF1A-PH (NM\_008440)



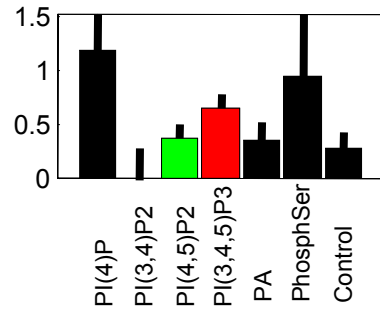
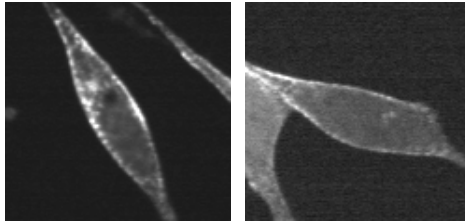
56) KIF1B-PH (NM\_207682)



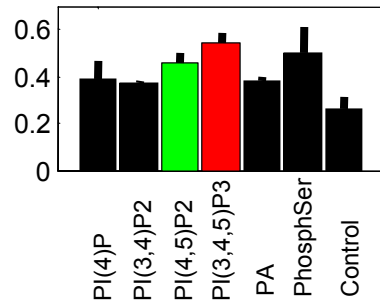
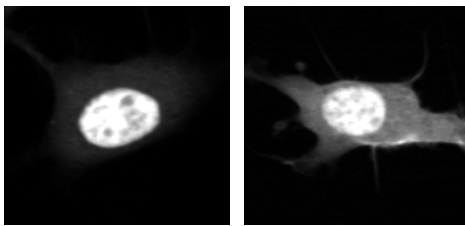
57) MCF2L-PH (NM\_178076)



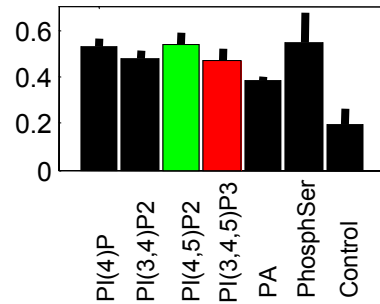
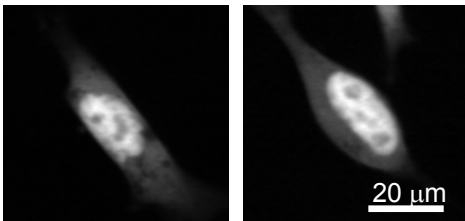
58) MCF2-PH (NM\_133197)



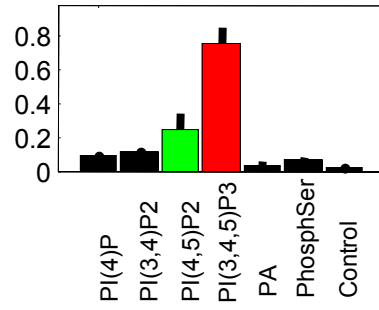
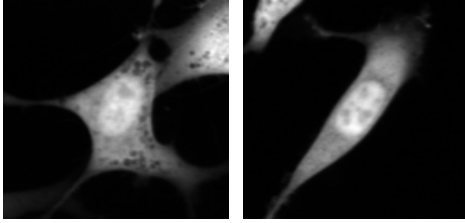
59) M-RIP-PH (NM\_201245)



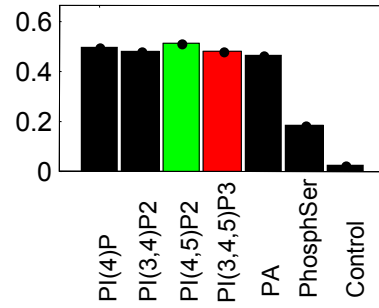
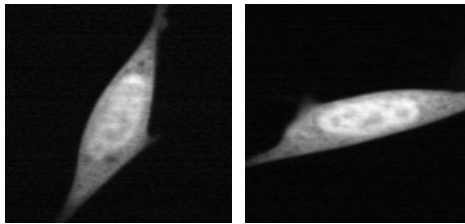
60) M-RIP-PH2 (NM\_201245)



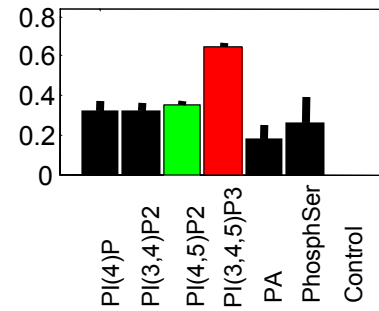
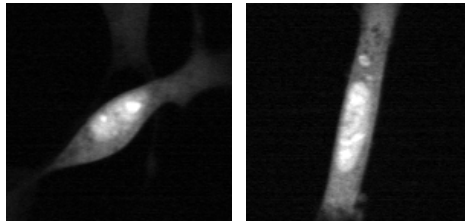
### 61) MYO10-PH (NM\_019472)



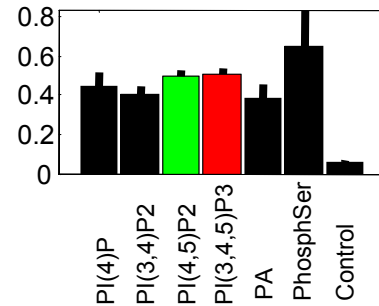
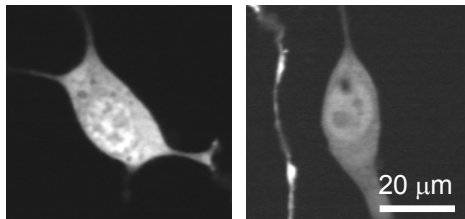
### 62) MYO10-PH2 (NM\_019472)



### 63) MYO10-PHT (NM\_019472)

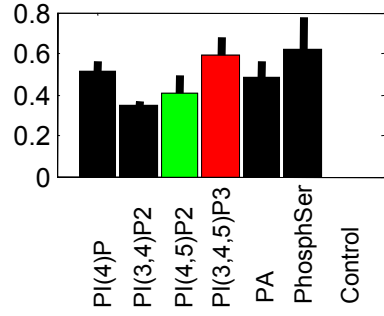
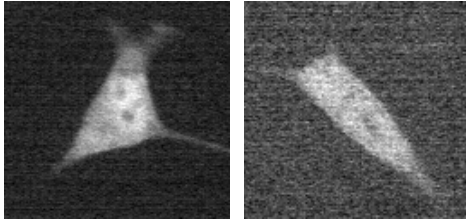


### 64) NET1-PH (NM\_019671)

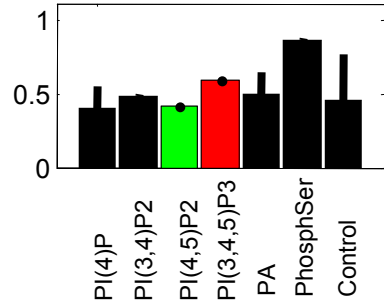
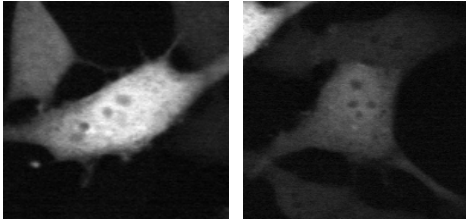




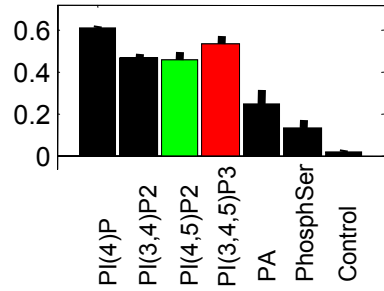
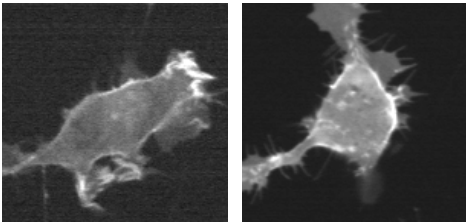
65) NGEF-PH (NM\_019867)



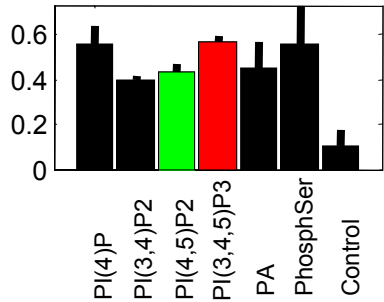
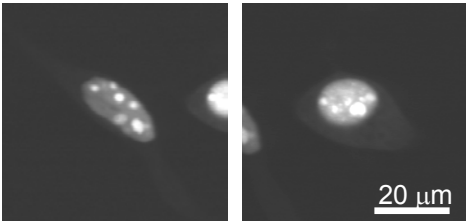
66) OPHN1-PH (NM\_052976)



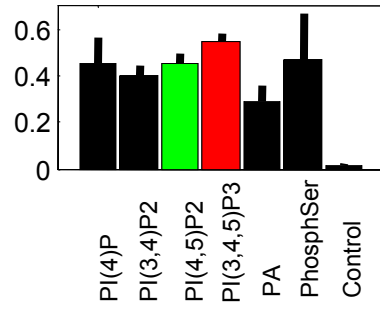
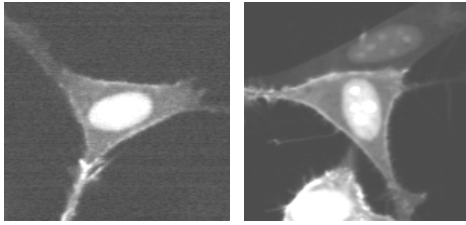
67) OSBPL3-PH (NM\_027881)



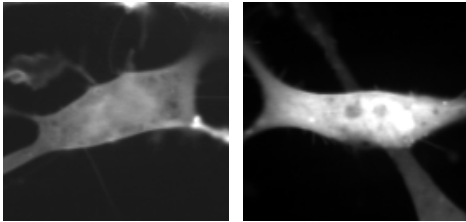
68) OSBPL5-PH (NM\_024289)



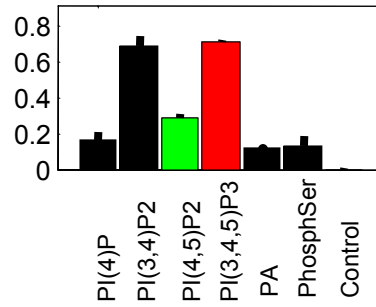
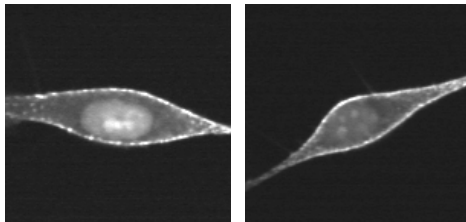
**69) OSBPL7-PH (XM\_193637)**



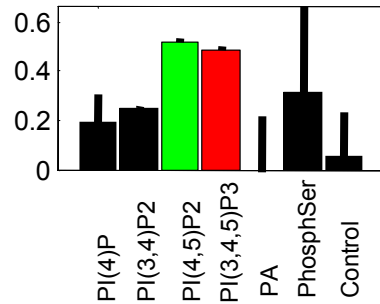
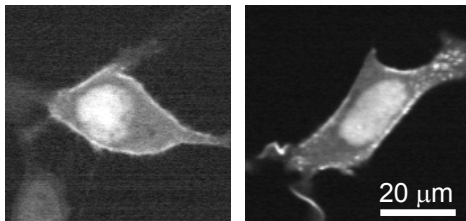
**70) PDK1-PH (NM\_011062)**



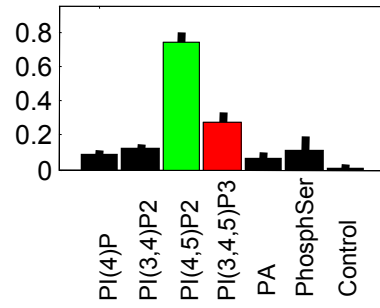
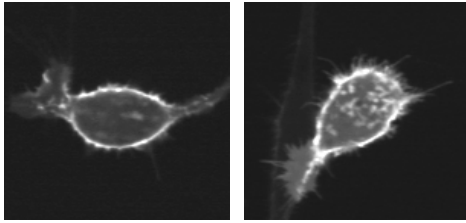
**71) PHLDB1-PH (NM\_153537)**



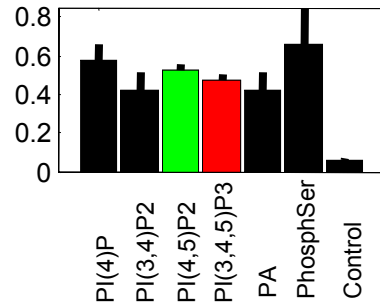
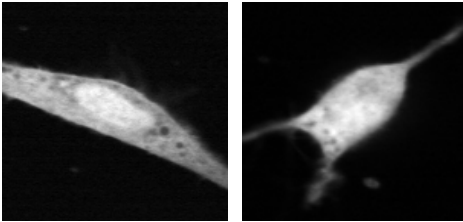
**72) PHLPP-PH (XM\_984950)**



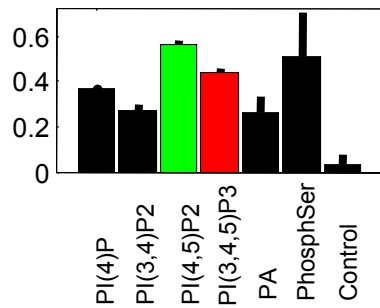
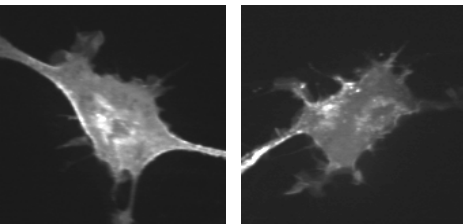
### 73) PLCD1-PH (NM\_019676)



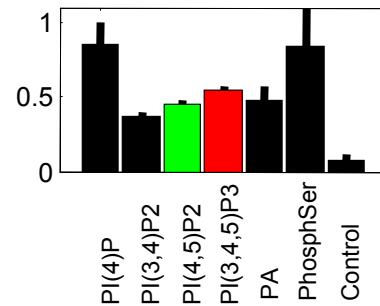
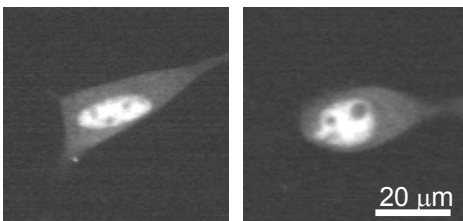
### 74) PLCD4-PH (NM\_148937)



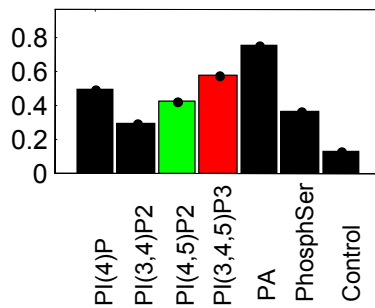
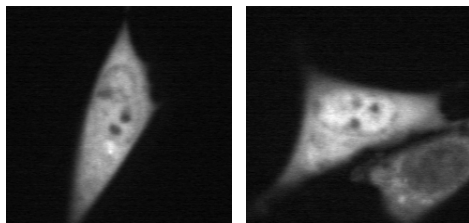
### 75) PLCL2-PH (NM\_013880)



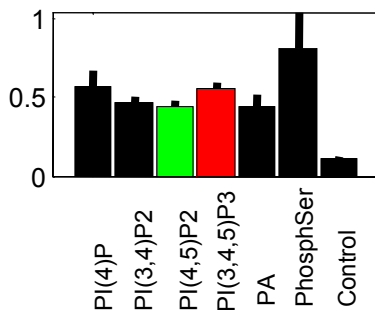
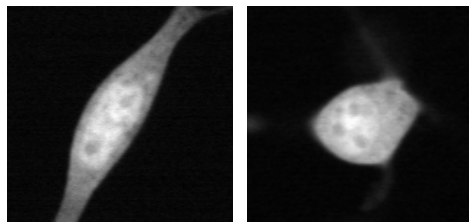
### 76) PLD1-PH (NM\_008875)



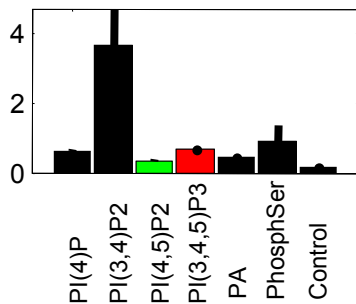
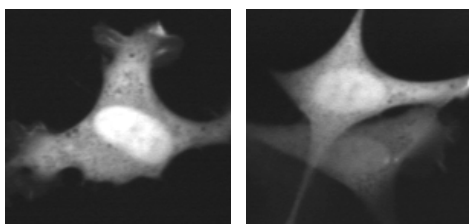
77) PLD2-PH (NM\_008876)



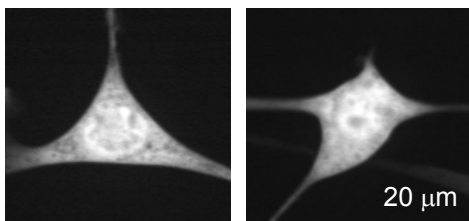
78) PLEK2-PH (NM\_013738)



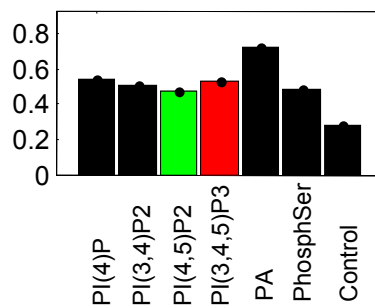
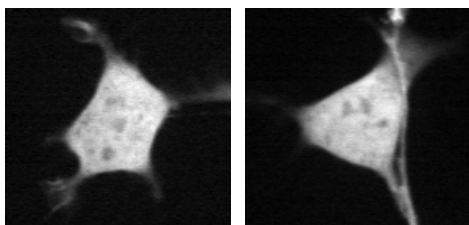
79) PLEK2-PH2 (NM\_013738)



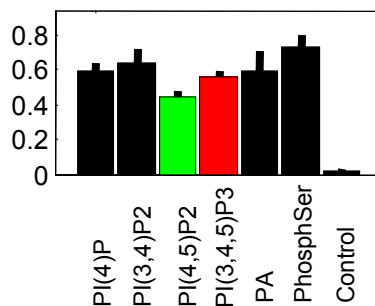
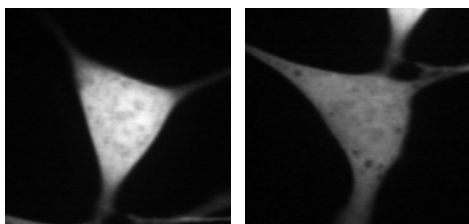
80) PLEKHA1-PH (NM\_133942)



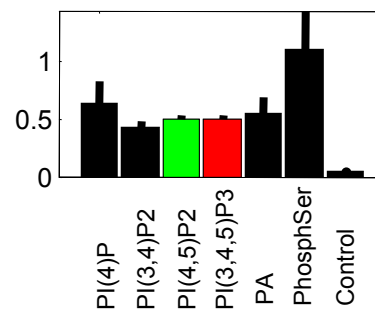
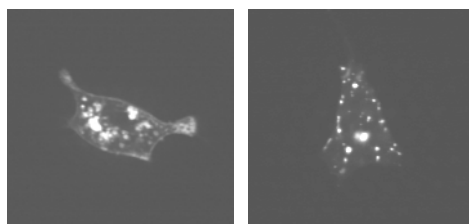
### 81) PLEKHA2-PH (NM\_031257)



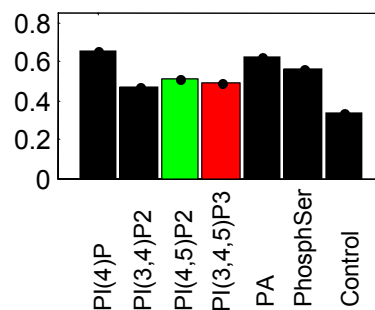
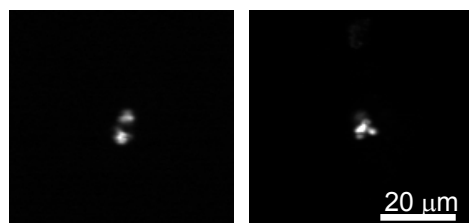
### 82) PLEKHA2-PH2 (NM\_031257)



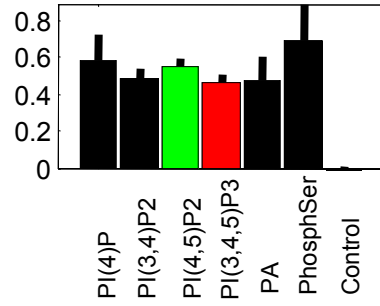
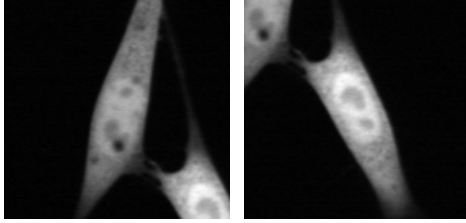
### 83) PLEKHA2-PHT (NM\_031257)



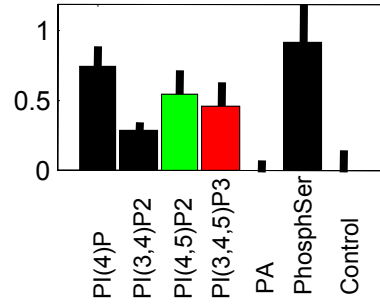
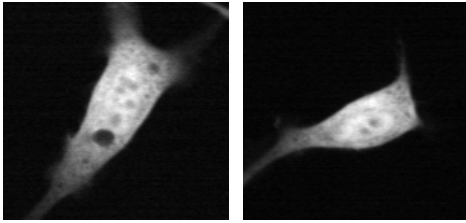
### 84) PLEKHA3-PH (NM\_031256)



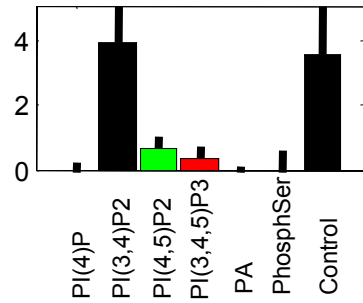
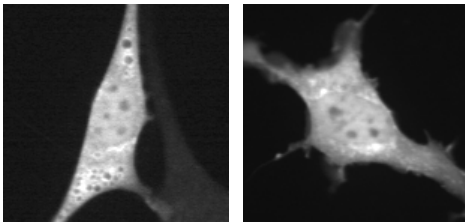
**85) PLEKHA5-PH (NM\_144920)**



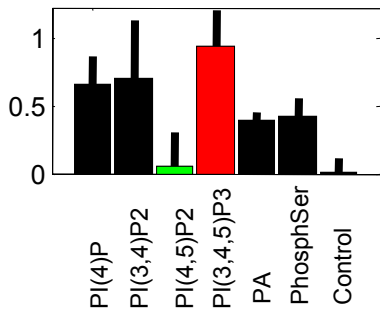
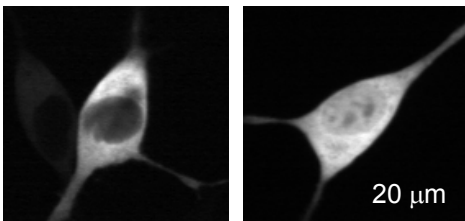
**86) PLEKHB1-PH (NM\_013746)**



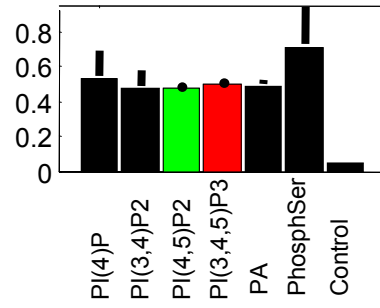
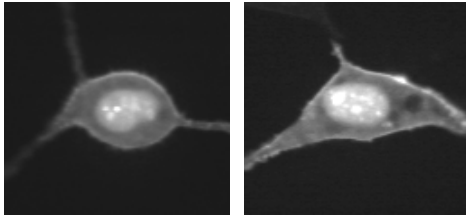
**87) PLEKHB2-PH (NM\_145516)**



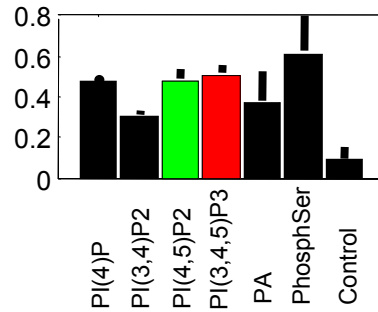
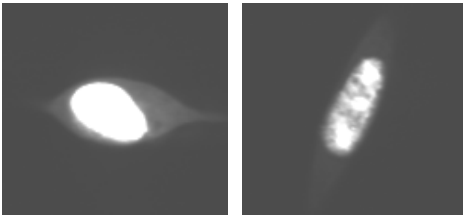
**88) PLEKHC1-PH (NM\_146054)**



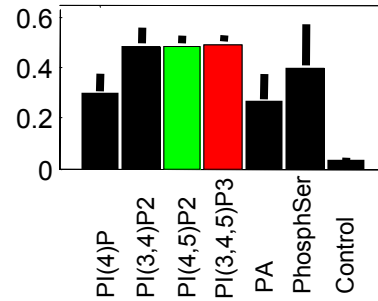
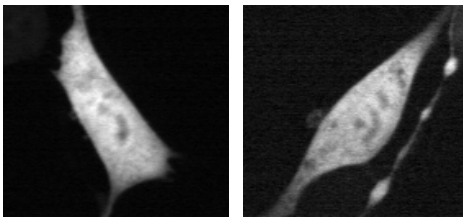
**89) PLEKHF1-PH (NM\_024413)**



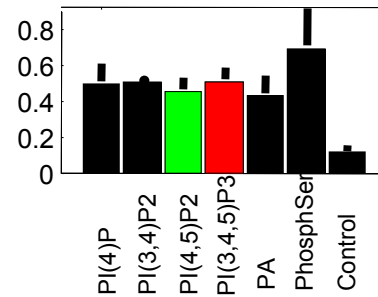
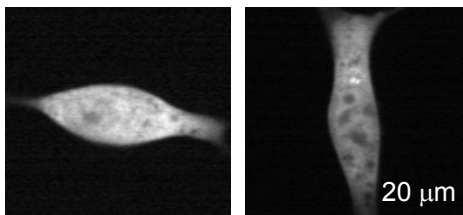
**90) PLEKHJ1-PH (NM\_023900)**



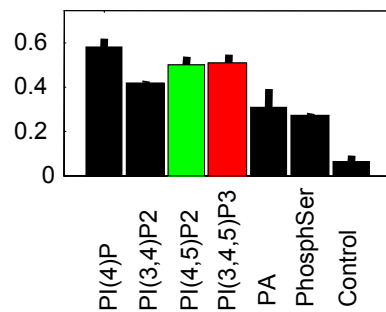
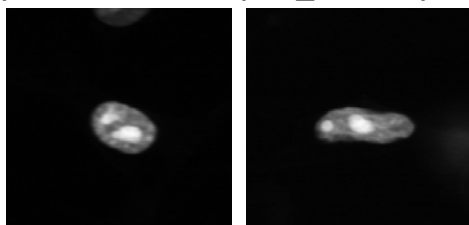
**91) PLEKHM1-PH (NM\_183034)**



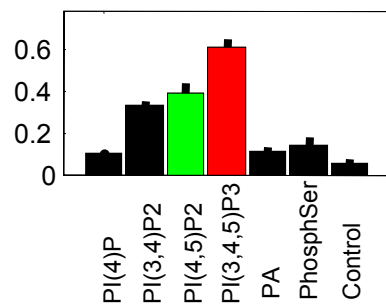
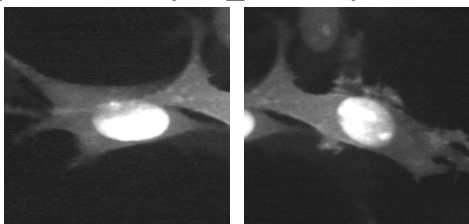
**92) PLEKHM2-PH (XM\_938581)**



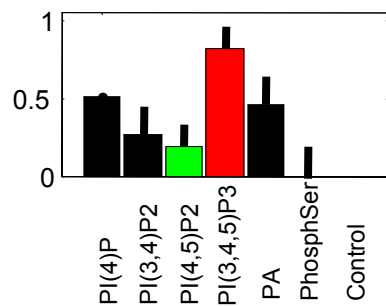
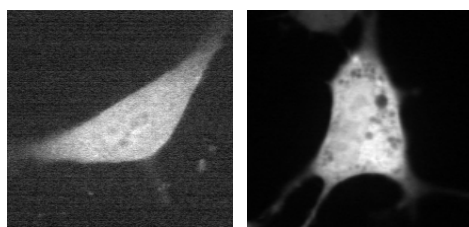
93) PLEKHO1-PH (NM\_023320)



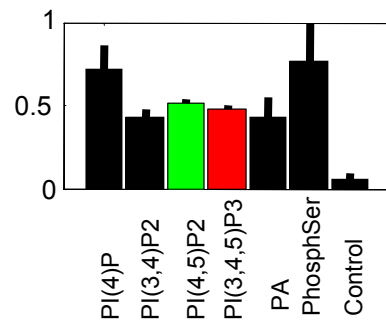
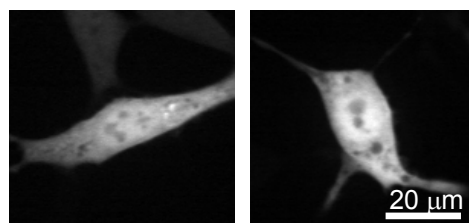
94) PLEK-PH (NM\_019549)



95) PLEK-PH2 (NM\_019549)

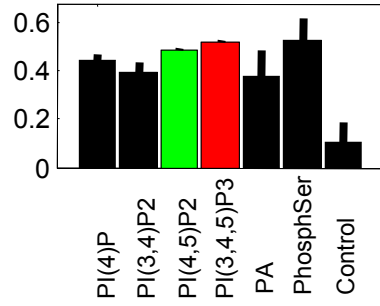
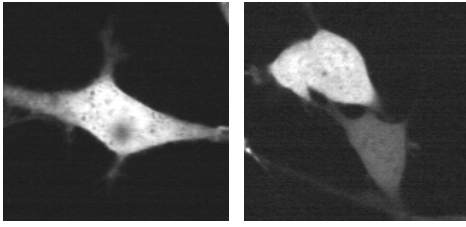


96) PRKCM-PH (NM\_008858)

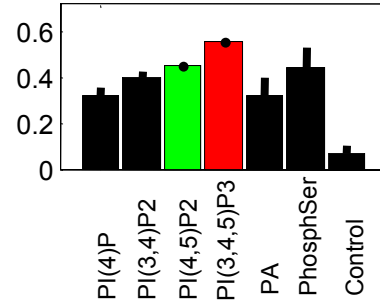
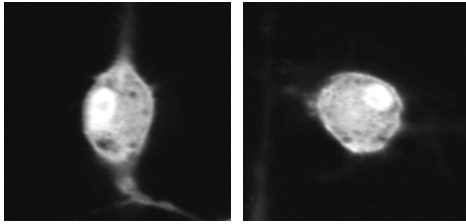




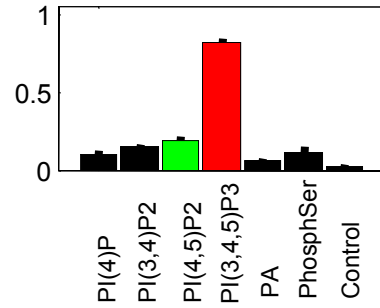
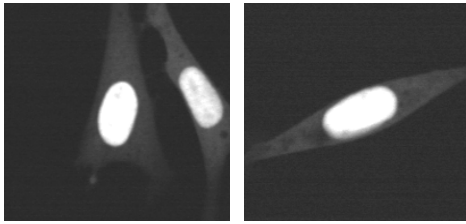
97) PSCD1-PH (NM\_011180)



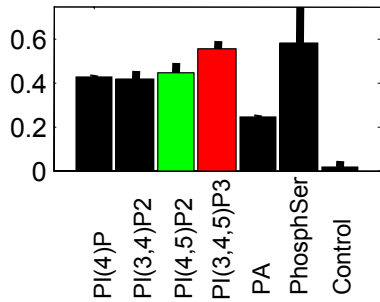
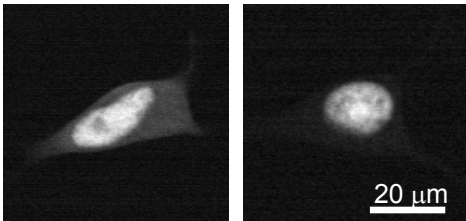
98) PSCD2-PH (NM\_011181)



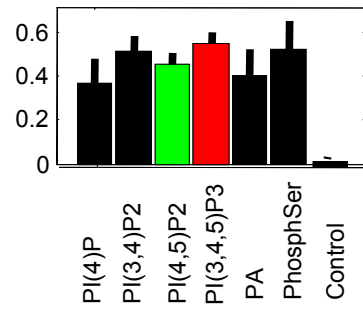
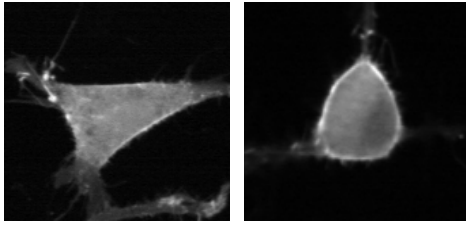
99) PCSD3-PH (NM\_011182)



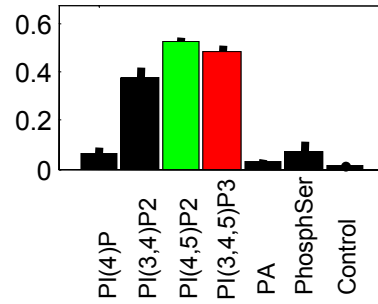
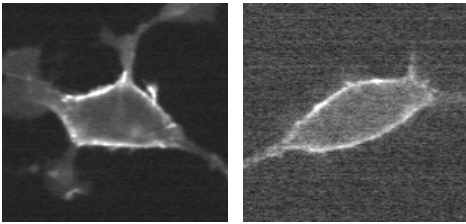
100) PSD2-PH (NM\_028707)



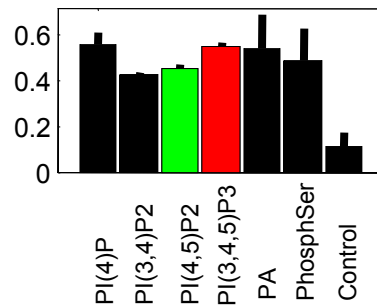
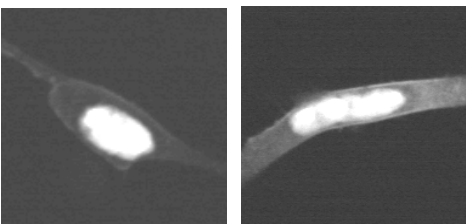
### 101) PSD3-PH (NM\_177698)



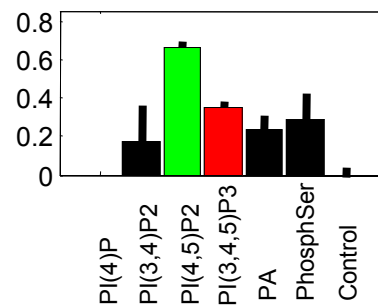
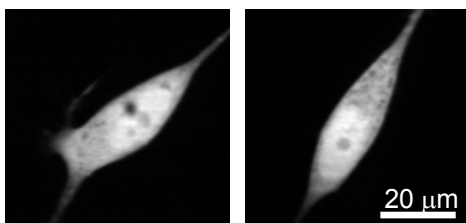
### 102) RALGPS2-PH (NM\_023884)



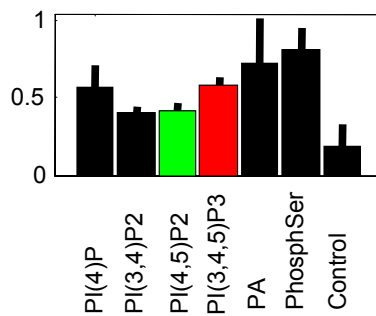
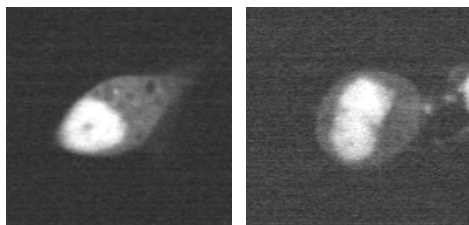
### 103) RASA2-PH (NM\_053268)



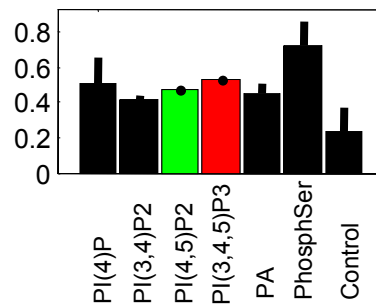
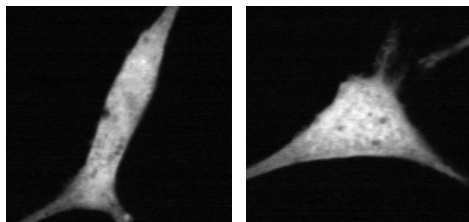
### 104) RASA3-PH (NM\_009025)



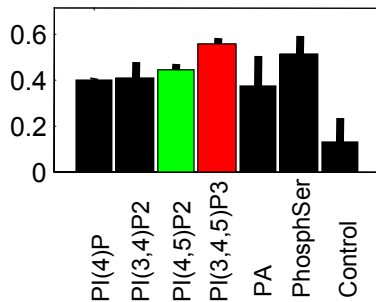
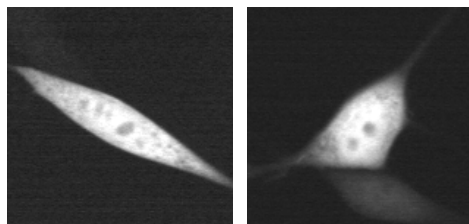
**105) RASA4-PH (NM\_133914)**



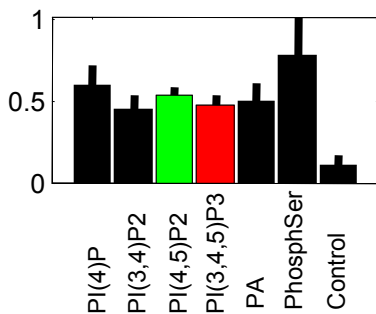
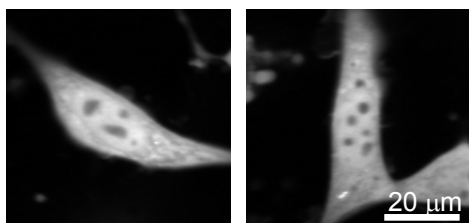
**106) RASAL1-PH (NM\_013832)**



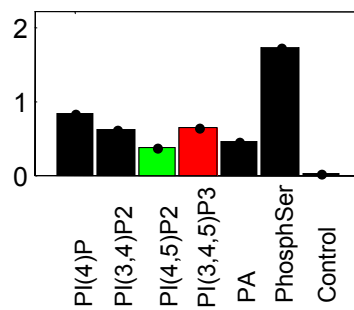
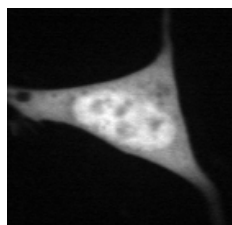
**107) RASGRF1A-PH (NM\_011245)**



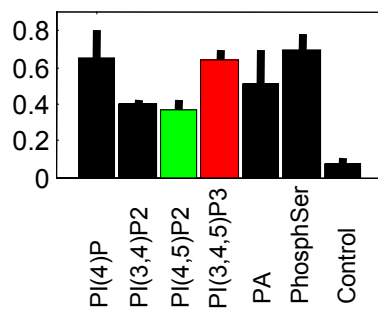
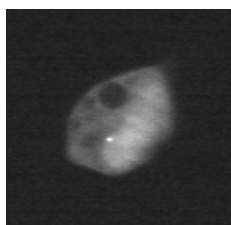
**108) RASGRF1A-PH2 (NM\_011245)**



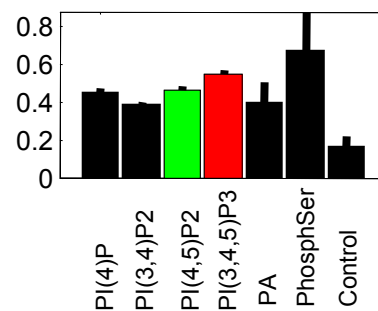
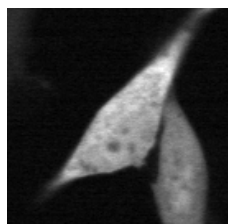
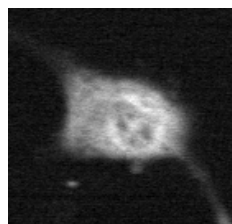
**109) RASGRF1B-PH (NM\_001039655)**



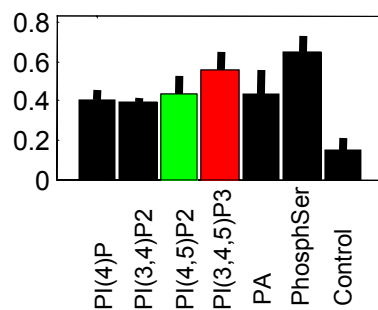
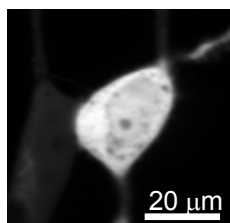
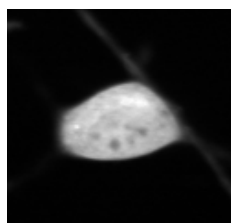
**110) RASGRF2-PH (NM\_009027)**



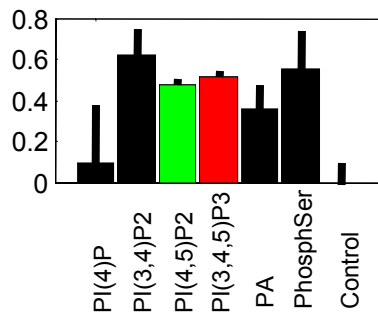
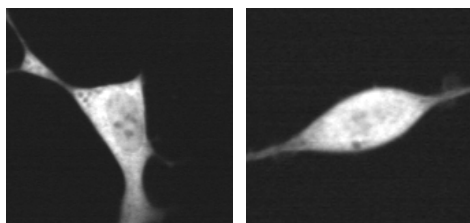
**111) RASGRF2-PH2 (NM\_009027)**



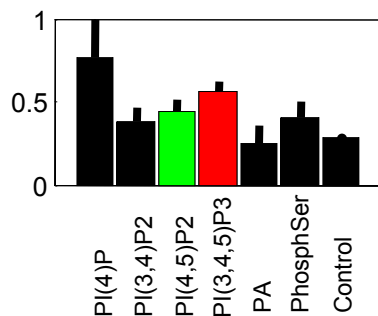
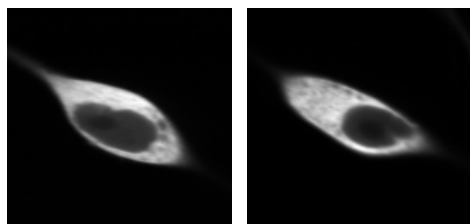
**112) RGNEF-PH (NM\_012026)**



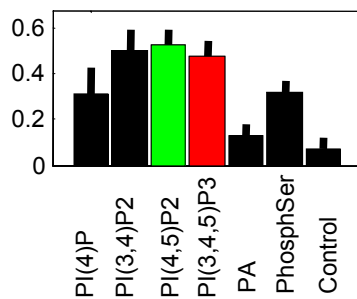
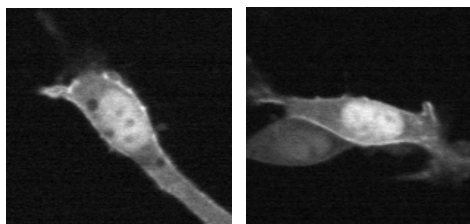
113) ROCK1-PH (NM\_005406)



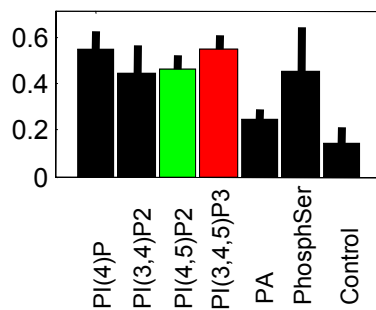
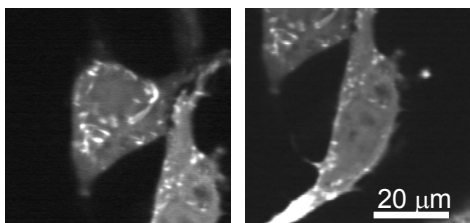
114) SH2B1-PH (NM\_011363)



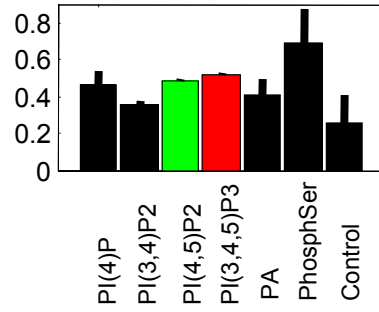
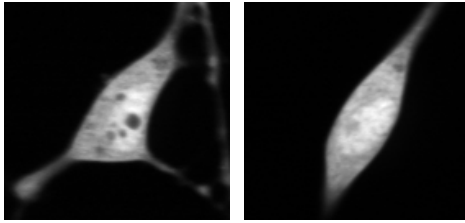
115) SH2B2-PH (NM\_018825)



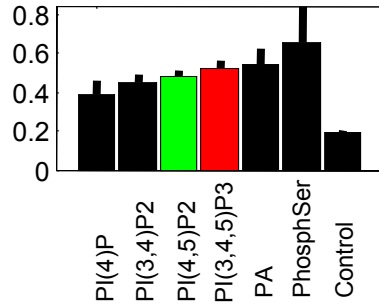
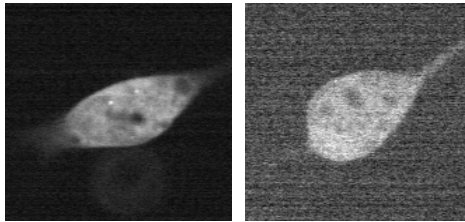
116) SH3BP2-PH (NM\_011893)



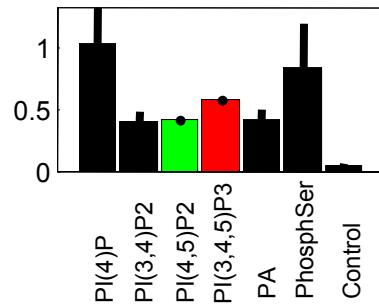
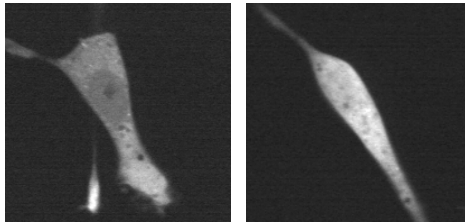
117) SKAP2-PH (NM\_018773)



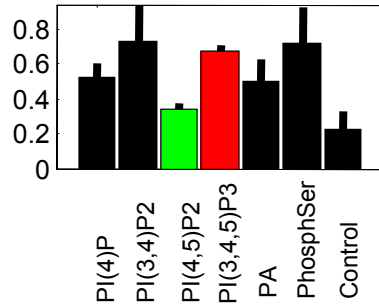
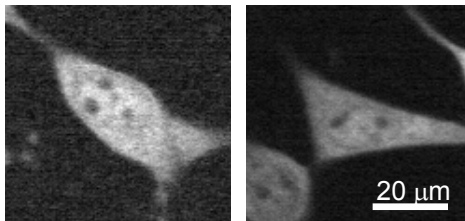
118) SNTA1-PH (NM\_009228)



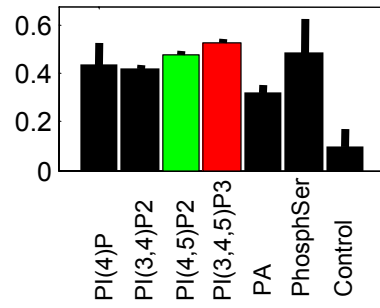
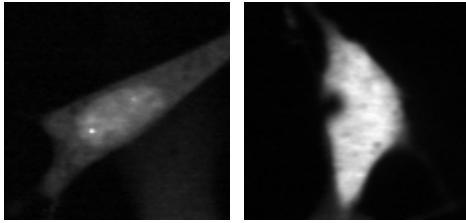
119) SNTB1-PH (NM\_016667)



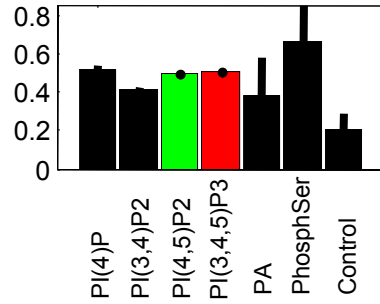
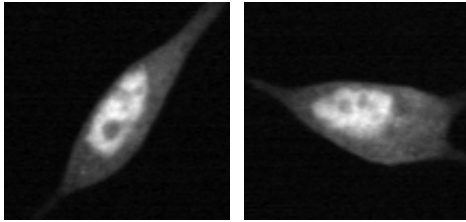
120) SNTB2-PH (NM\_009229)



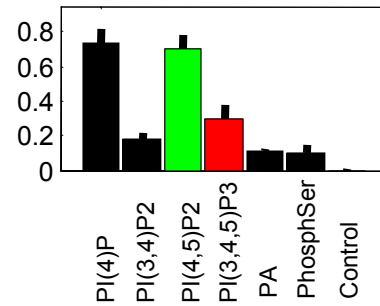
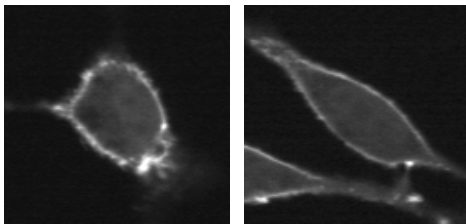
121) SOS1-PH (NM\_009231)



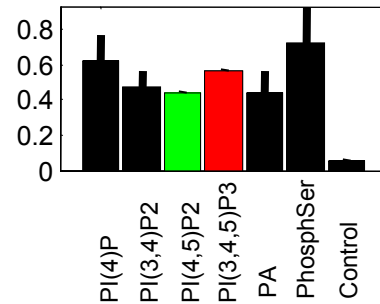
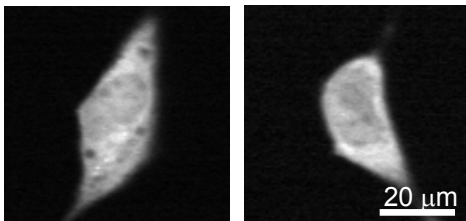
122) SOS2-PH (XM\_987825)



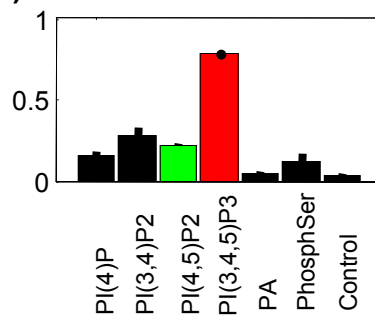
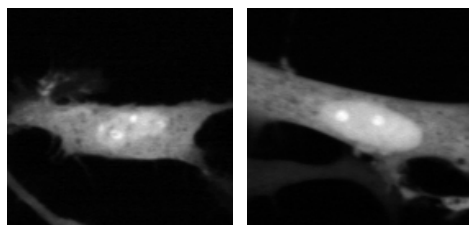
123) SPNB2-PH (NM\_175836)



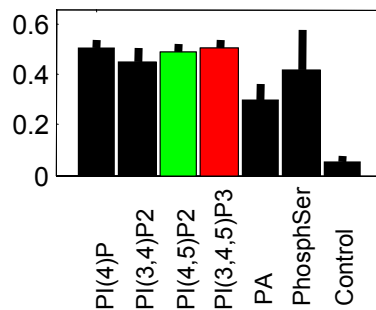
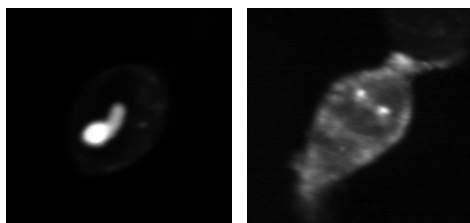
124) SWAP70-PH (NM\_009302)



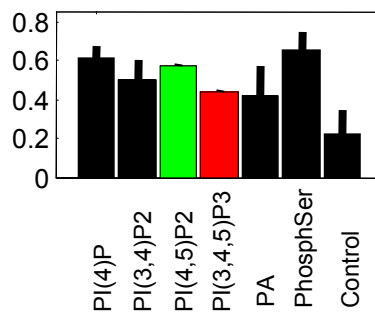
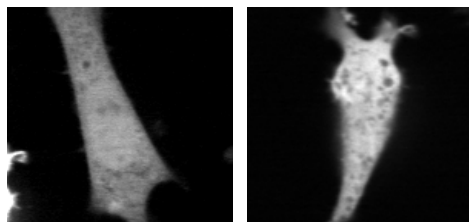
**125) TEC-PH (AK139329, BC037071)**



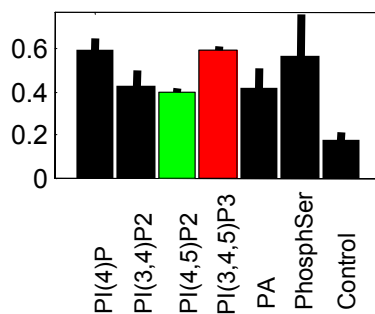
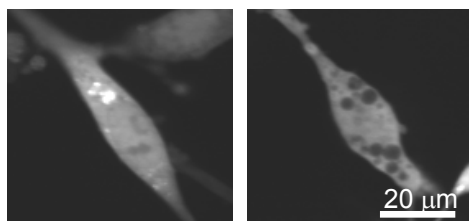
**126) TIAM1-PH (NM\_009384)**



**127) TIAM1-PH2 (NM\_009384)**

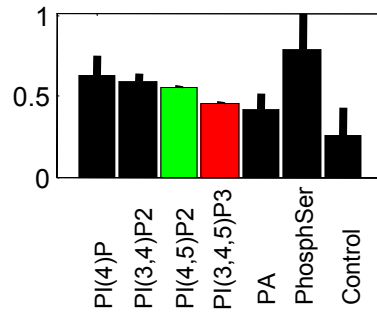
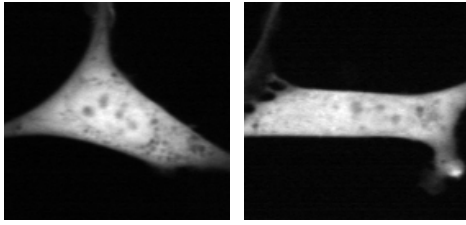


**128) TIAM2-PH (NM\_011878)**

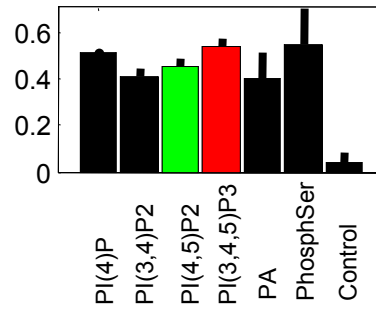
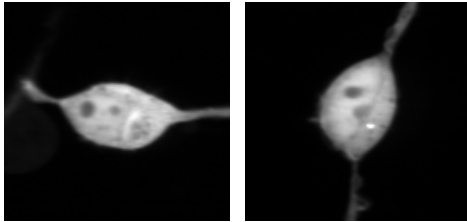




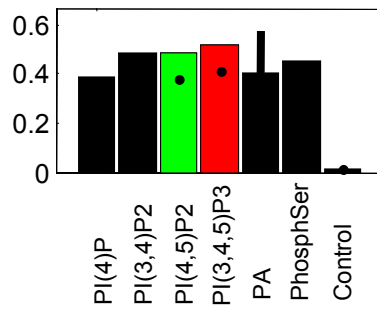
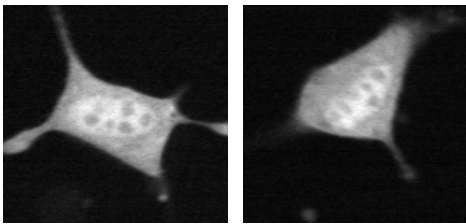
129) TRIOBP-PH (NM\_001039156)



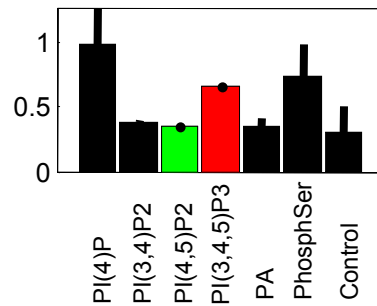
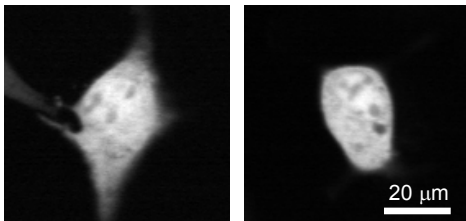
130) VAV1-PH (NM\_011691)



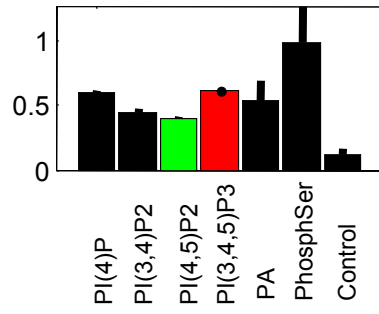
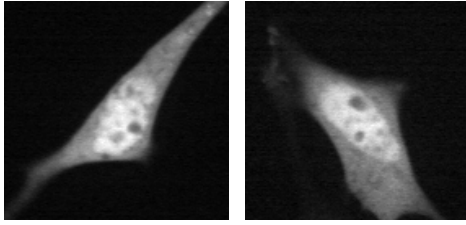
131) VAV2-PH (NM\_009500)



132) VAV2-PHB (NM\_009500)



### 133) VAV3-PH (NM\_020505)



### 134) VEPH1-PH (NM\_145820)

