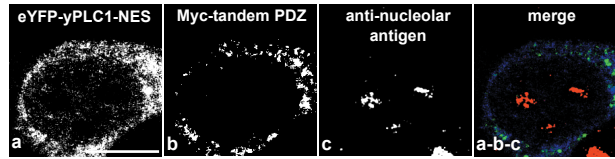


Supplementary Information 4



Expression of yPLC1-NES results in the disappearance of the Myc-tandem PDZ from nucleoli but not in the disappearance of the nucleoli.

Confocal micrograph of a MCF-7 cell expressing the eYFP-yeast PLC1 with a mutated export signal “eYFP-yPLC1-NES” and the Myc-tandem PDZ of syntenin-2 “Myc-tandem PDZ”. eYFP-yPLC1-NES was detected by eYFP fluorescence (a), the Myc-tandem PDZ using the 9E10 anti-Myc antibody (b), and nucleoli using anti-nucleolar antigen antibody (c). In the merge picture (a-b-c), PLC is in blue, tandem PDZ is in green and nucleoli are in red. Size bar is 10 μm .