



Figure 1 - figure supplement 1

Activation of M1, but not M2 muscarinic receptors induces PI(4,5)P₂ hydrolysis

FRET-based PI(4,5)P₂ measurements were performed as described in the Materials and Methods section, downward deflection of the FRET ratio curve indicates a decrease in plasma membrane PI(4,5)P₂ levels. (A-B) Representative FRET measurements in HEK cells expressing the CFP- and YFP-tagged tubby domain PI(4,5)P₂ sensors in HEK cells co-transfected with M1 (A) and M2 (B) muscarinic receptors. (C) Summary data for the FRET measurements (n=3 for M1 and n=4 for M2).