

a

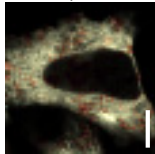
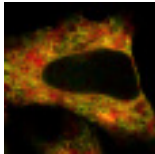
ER-RpHLuorin2

FLIM

pH

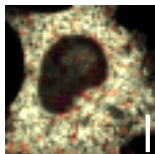
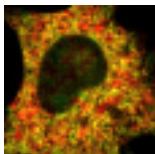
P

DMSO



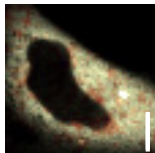
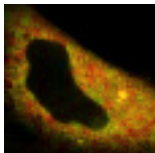
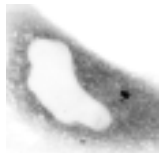
P

200 nM BafA1



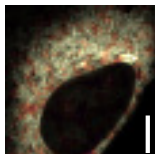
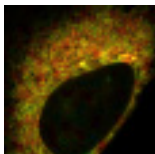
B1

DMSO



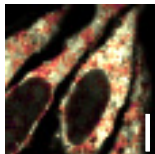
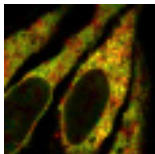
B1

200 nM BafA1



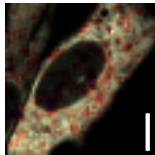
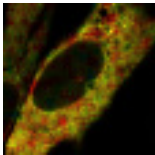
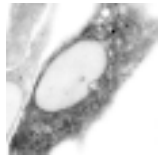
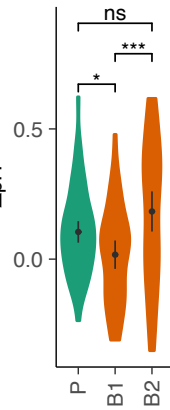
B2

DMSO



B2

200 nM BafA1

**b** Δ pH**c**

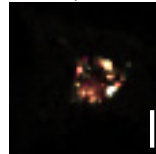
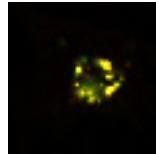
MGAT2-RpHLuorin2

FLIM

pH

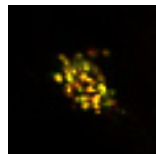
P

DMSO



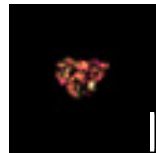
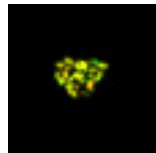
P

200 nM BafA1



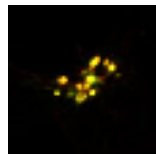
B1

DMSO



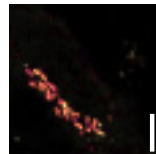
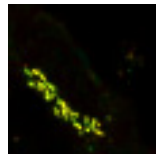
B1

200 nM BafA1



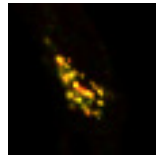
B2

DMSO



B2

200 nM BafA1

**d** Δ pH