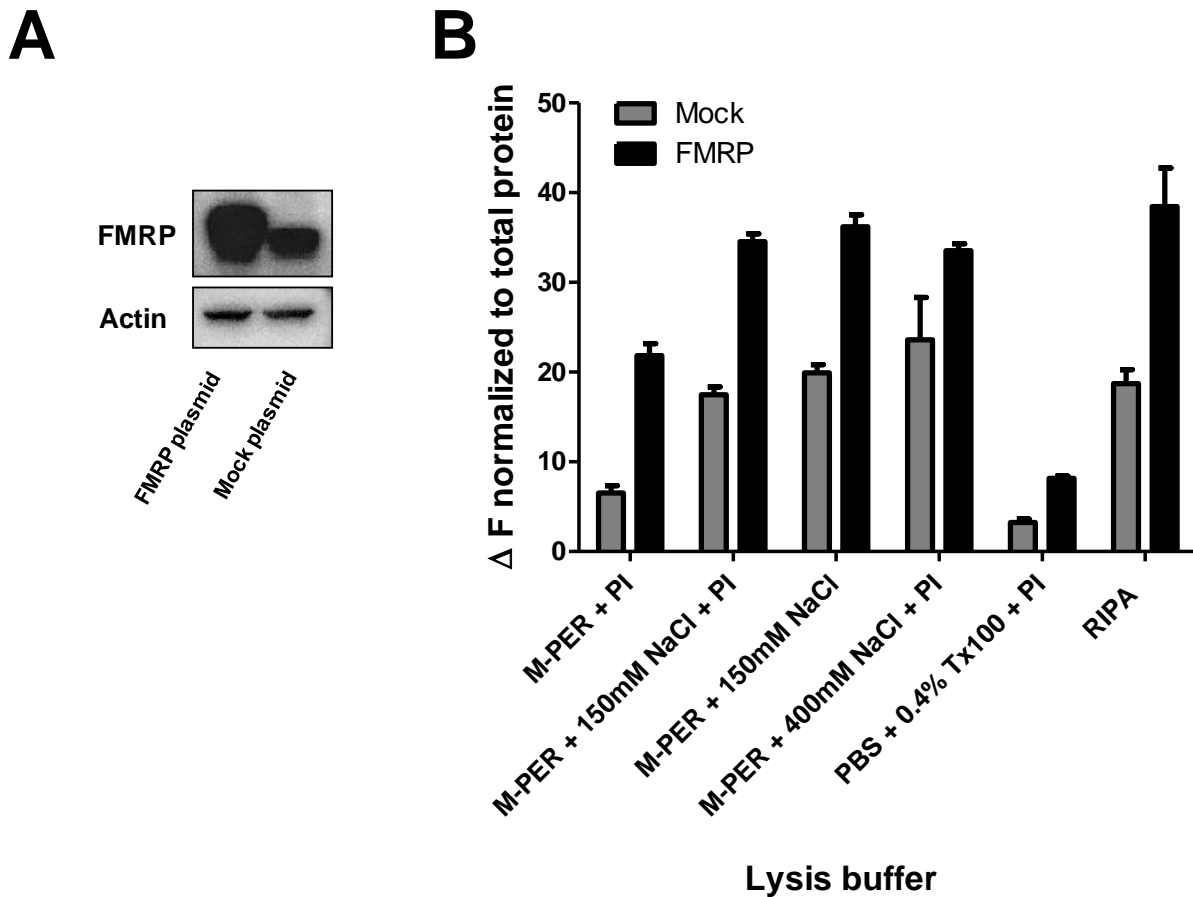


Supplementary Figure 3



**Supplementary Figure 3: Optimization of cell lysis conditions for subsequent TR-FRET detection of human FMRP protein**

A) Human FMRP protein was transiently expressed in HEK293 cells. Increased expression over endogenous levels was verified with immunoblot. B) Equal amounts of FMRP or mock transfected HEK293 cells were lysed with different lysis buffers as indicated. Lysates were analysed by TR-FRET for FMRP levels after normalization to total protein content.