



Supplementary Fig. 2 Chloroquine activates TAS2R signaling to raise $[Ca^{2+}]_i$ in cultured human myometrial cells (hTERT-HM). **(A)** Representative traces showing $[Ca^{2+}]_i$ caused by 10 mM ChQ (no pre-treatment), and when pre-treated with inhibitors of the TAS2R signaling pathway the same way as in **Fig. 5**. **(B)** Summarized results of the experiments in A. Peak $\Delta F/F_0$ in **A** was extracted from each curve and then used for comparison purposes. . Data are mean \pm s.e.m; n=5 repeats for all groups; t-test comparison with ChQ alone: **** P<0.0001.