

Figure 5-figure supplement 1

a

DTT

agTRPA1(A)

agTRPA1(B)

(μ M)

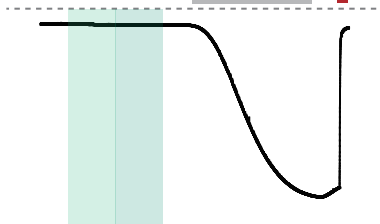
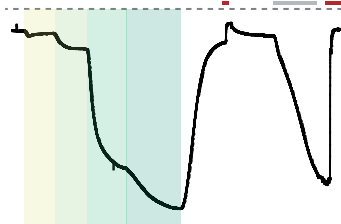
0.01 0.1 10 100

RR NMM RR

100 1,000

NMM

RR



0.5 μ A
1 min

b

H₂O₂

agTRPA1(A)

agTRPA1(B)

(μ M)

0.1 1.0 10 100

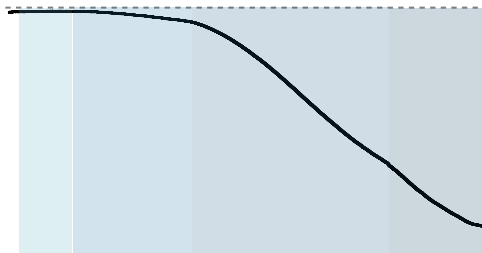
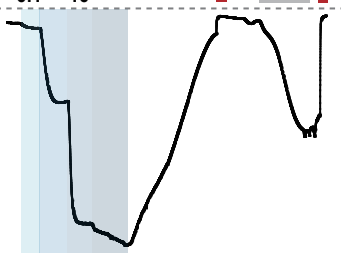
RR NMM RR

(mM)

0.25 0.5 2.5 10

RR

NMM RR



3 μ A
1 min

Figure 5-figure supplement 1: Typical DTT (a) and H₂O₂ (b) responses of agTRPA1(A) and agTRPA1(B) heterologously expressed in *Xenopus* oocytes. RR: 50 μ M ruthenium red. NMM: 0.1 mM N-methyl maleimide. DTT and H₂O₂ concentrations are indicated in the figure. Voltage clamped at -60 mV. Dashed line represents the base line.