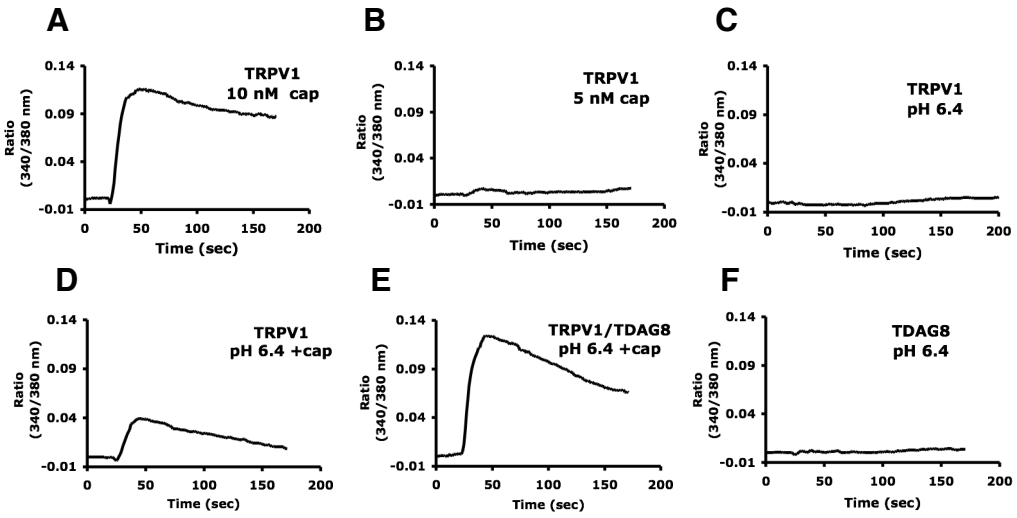
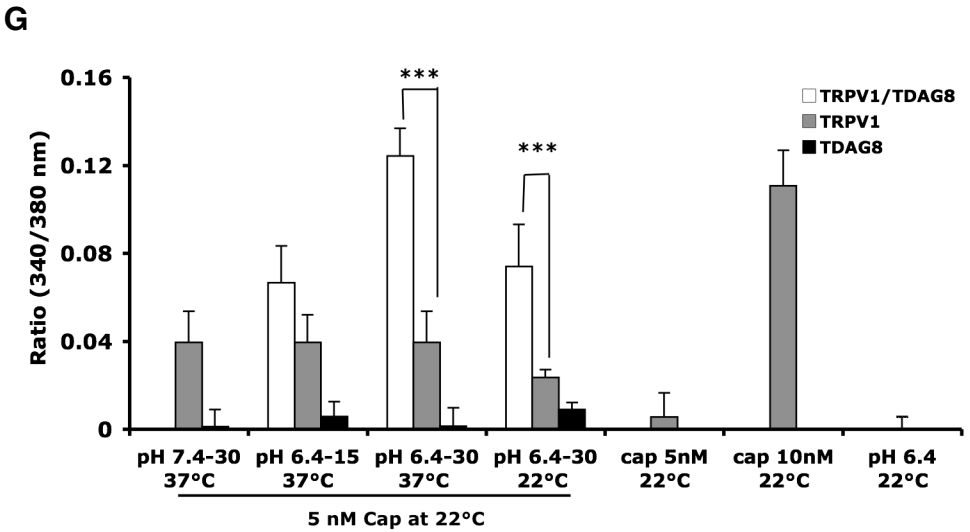
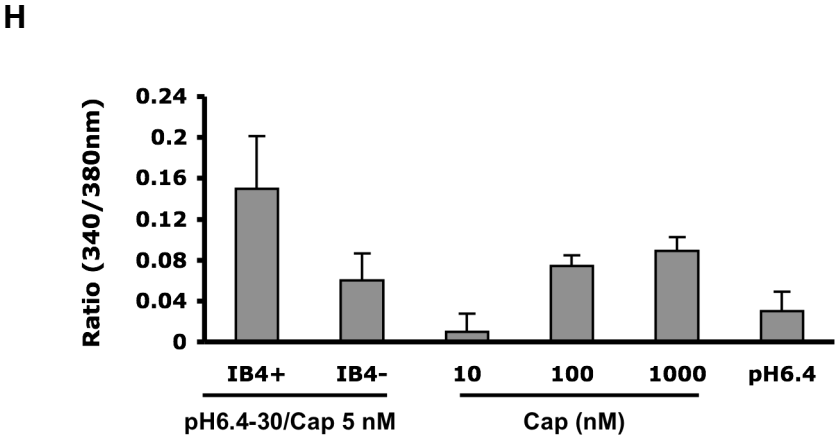

A
TRPV1
10 nM cap
B
TRPV1
5 nM cap
C
TRPV1
pH 6.4
D
TRPV1
pH 6.4 +cap
E
TRPV1/TDAG8
pH 6.4 +cap
F
TDAG8
pH 6.4
Ratio (340/380 nm)
Time (sec)
0.14
0.09
0.04
-0.01
0
50
100
150
200


G
Ratio (340/380 nm)
0.16
0.12
0.08
0.04
0
***
***
TRPV1/TDAG8
TRPV1
TDAG8
pH 7.4-30 37°C
pH 6.4-15 37°C
pH 6.4-30 37°C
pH 6.4-30 22°C
cap 5nM 22°C
cap 10nM 22°C
pH 6.4 22°C
5 nM Cap at 22°C


H
Ratio (340/380nm)
0.24
0.2
0.16
0.12
0.08
0.04
0
IB4+
IB4-
10
100
1000
pH6.4
pH6.4-30/Cap 5 nM
Cap (nM)