

Supplemental Figure 1. Steady-state currents from mouse taste cells during whole cell patch clamp recording in the presence of insulin (5 nM) and insulin (5nM) + benzamil (10 μ M a highly specific ENaC blocker).

Supplemental Figure 2. RT-PCR experiments reveals the presence of SGK1 in fungiform and circumvallate taste buds. + RT for mouse kidney and taste are shown for SGK1. – RT and negative control (-) lanes represent those in which cDNA was absent from the PCR reaction.

Supplemental Figure 3. Latency to the first lick for all NaCl solutions. Bar graph of mean \pm SEM for latency in seconds for both control and insulin treated groups. Student t-test shows no statistical significance between the groups ($p=0.5484$).