

SUPPLEMENTARY MATERIAL

Supplementary Table 1. **Whole cell amiloride sensitive current.** Whole cell amiloride sensitive inward Na^+ current recorded from *Xenopus* oocytes injected with equal amounts of h. α - β - and γ ENaC cDNA or combinations of Wt and mutant subunits as indicated. “N” represents the number of individual oocytes studied.

Supplementary Table 1

| Mutant | I_{Amit} (nA) | S.E. (nA) | N |
|-------------------------------|------------------------------|------------------|----------|
| Wt | 1660 | 89 | 117 |
| α M321K | 1091 | 135 | 18 |
| α H418A | 4085 | 727 | 11 |
| β N288A | 1980 | 284 | 6 |
| β N288C | 2726 | 393 | 11 |
| β N288K | 2828 | 557 | 10 |
| β R388A | 2894 | 716 | 9 |
| γ M299K | 833 | 199 | 13 |
| γ M299R | 2181 | 607 | 6 |
| β N288K γ M299K | 3051 | 640 | 4 |
| β N288K R388A | 2944 | 1038 | 9 |
| α H418A γ M299K | 4167 | 854 | 14 |
| α H418A β R388A | 7084 | 712 | 13 |
| α H418A β N288K | 4667 | 719 | 4 |