Erratum to: AMPK controls epithelial Na⁺ channels through Nedd4-2 and causes an epithelial phenotype when mutated

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The author wishes to apologize for inadvertently providing the wrong image for Fig. 2a. Here is the correct image:

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00424-009-0660-4>.

Categories: Membranes and Transport; bioenergetics, anabolic/catabolic processes studied at the molecular level

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Fig. 2 AMPK inhibits ENaC by Nedd4-2-binding, ubiquitination, and endocytosis: **a** Summary of the effects of phenformin on trimeric ($\alpha\beta\gamma$ -ENaC) channels, in which α -ENaC, β -ENaC, or γ -ENaC were truncated individually. Channels containing truncated subunits were not inhibited by phenformin. **b** siRNA knockout of *Xenopus* Nedd4-2 enhanced G_{amil} and abolished the effects of phenformin. PolyA-binding protein (PolyA BP) was used to assure an equal loading for different samples. **c** The inhibitor of dynamin-dependent endocytosis, dynasore (40 μ M), abolished the effects of phenformin, which were still detectable after disruption of the actin cytoskeleton by cytochalasin D (10 μ M, 2 h). **d** The inhibitory effects of phenformin on G_{amil} were abolished by the wt ubiquitinase Usp2-45 but not by the kinase dead mutant Usp2-45. Asterisk indicates significant difference when compared to control (paired *t* test). Number symbol indicates significant difference when compared without treatment (unpaired *t* test). Number of experiments, *n* = 6–7 for each series