

Table 1. Actions of WNK4 and WNK1 with and without mutations on NCC, paracellular chloride permeability, ROMK and ENaC. (The number of the arrows does not represent the degree of the action. A double arrow represents augmentation of an action of the FHH WNK in comparison with that of its wild-type form).

	Wild-type WNK4	FHH WNK4	Wild-type WNK1	FHH WNK1
NCC	↓	↑	↑	↑↑
Paracellular chloride permeability	↑	↑↑	↑	↑↑
ROMK	↓	↓↓	↓	↓↓
ENaC	↓	↑	↑	↑↑

WNK: with-no-lysine (K) kinase; FHH: familial hyperkalemic hypertension; NCC: Na⁺-Cl⁻ cotransporter; ROMK: renal outer medullary potassium channel; ENaC: epithelial sodium channel.