



FIGURE S2 | *OsHKT1;4* relative permeability and conductance between cations. (A, B) Representative current traces recorded in a control oocyte injected with 50 nl of water (A), and in an oocyte injected with 50 nl of *OsHKT1;4* cRNA (B) in a bath solution containing 3 mM Na⁺ (as glutamate salt). The applied membrane voltage was stepped from -45 to -120 mV with 15 mV increments, from a holding potential set at -30 mV (A) or -80 mV (B). (C to E) *OsHKT1;4* selectivity between monovalent cations. (C) *OsHKT1;4* current-voltage (I-V) relationships in the presence of 10 mM of different cations (Na⁺, K⁺, Rb⁺, Cs⁺, Li⁺), successively present (as Cl⁻ salts) in the bath solution. (D, E) Reversal potential of *OsHKT1;4* currents (D) and *OsHKT1;4* inward conductance (E) in the presence of the different cations. Analyzed oocytes are the same as in (C). Data in (C) to (E) are means \pm SE (n = 3).