Supporting Information

Li and Aldrich 10.1073/pnas.1103090108

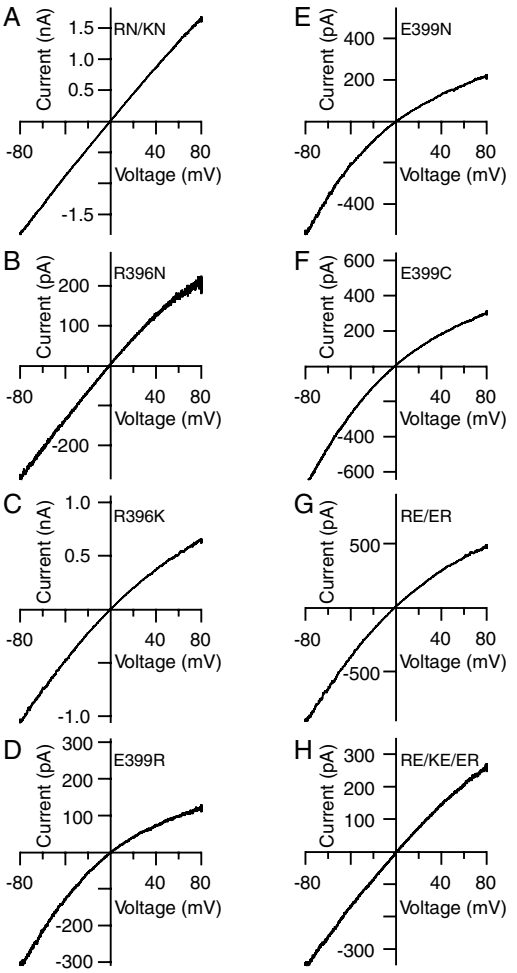

Fig. S1. Mutational effects of R396, K397, and E399 on the inward rectification of small conductance Ca^{2+} activated K^{+} (SK) channels. Representative currents are shown for R396N/K397N (*A*), R396N (*B*), R396K (*C*), E399R (*D*), E399N (*E*), E399C (*F*), R396E/E399R (*G*), and R396E/K397E/E399R channels (*H*). Recording conditions are the same as in Fig. 1C.

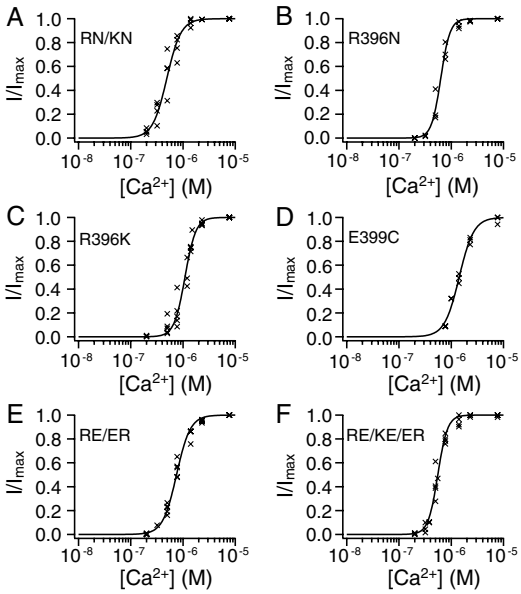

Fig. S2. Effects of mutations at R396, K397, and E399 on the Ca^{2+} dependent activation of SK channels. Dose response relationships for Ca^{2+} activation of SK channels are measured, analyzed, and plotted as in Fig. 4*A* for R396N/K397N (*A*), R396N (*B*), R396K (*C*), E399C (*D*), R396E/E399R (*E*), and R396E/K397E/E399R (*F*).