





Fig. S2 Multiple sequence alignment of all the CLC proteins from 15 species. The conserved regions: GxGIPE (I), GKxGPxxH (II) and PxxGxLF (III) are circled with dotted boxes in blue, purple and green color, respectively. The conserved gating glutamate (E) and proton glutamate (E) residues are signed in red color at the bottom.