



Figure 6. Model of UCB1 and *P. integerrima* root tip response to short term salt treatment.

Under salinity stress, UCB1 plants were able to sequester excess Na⁺ in the vacuoles of cortical parenchyma of the root tips in contrast to *P. integerrima*. Under control conditions UCB1 deposited more suberin in cellular barriers. In addition, while both UCB1 and *P. integerrima* showed increased suberization of endodermis and exodermis in response to salt treatment, UCB1 showed higher suberization than *P. integerrima*.