

Figure S4. Putative phosphorylation sites in aquaporins. Ser residue in PIPs and Thr residue in TIPs aquaporins in loop B (A), loop D (B) and C-terminal (C) are tentative phosphorylation sites. Consensus sequences are framed and conserved residues are indicated as red triangle. Aquaporins cloned in the present study are marked with red arrows. Accession numbers of presented protein sequences are: *At*PIP1;2 (Q06611), *At*PIP1;4 (Q39196), *At*PIP2;1 (P43286), *At*-deltaTIP2 (CAB10515), *At*-gammaTIP3 (AAC62778), *At*-alphaTIP (AAC42249), *Fa*PIP2;1 (ADJ67992), *So*PIP2;1 (4JC6_N), *Vv*PnPIP1;1 (CAO41326), *Vv*TnPIP1;1 (HQ913643), *Vv*PnPIP1;4 (CAO39626), *Vv*TnPIP1;4 (KJ697714), *Vv*PnPIP2;1 (CAN75442), *Vv*TnPIP2;1 (KJ697715), *Vv*PnPIP2;2 (CAO47394), *Vv*TnPIP2;2 (HQ913642), *Vv*PnPIP2;3 (CAO18152), *Vv*TnPIP2;3 (KJ697716), *Vv*PnTIP1;1 (CAO69259), *Vv*TnTIP1;1 (KJ697717), *Vv*PnTIP2;1 (CAO45860), *Vv*TnTIP2;1 (HQ913640), *Vv*PnTIP2;2 (CAO23095), *Vv*TnTIP2;2 (KJ697718), *Vv*PnTIP4;1 (CAO44039), *Vv*TnTIP4;1 (KJ697719), *Zm*PIP2;1 (Q84RL7), *Zm*PIP2;4 (Q9ATM6), *Zm*PIP2;5 (Q9XF58). *At*: *Arabidopsis thaliana*, *Fa*: *Fragaria x ananassa*, *Pv*: *Phaseolus vulgaris*, *So*: *Spinacia oleracea*, *Vv*Pn: *Vitis vinifera* cv. Pinot noir, *Vv*Tn: *V. vinifera* cv. Touriga nacional, *Zm*: *Zea mays*.

