

## Supplementary Table 1

Information on the proteins used for construction of the phylogenetic tree

<b>Proteins</b>	<b>Accession number</b>	<b>Plants</b>
NtSIPK	AAB58396	<i>Nicotiana tabacum</i>
NbSIPK	BAC53772	<i>Nicotiana benthamiana</i>
AtMPK6	NP_181907	<i>Arabidopsis thaliana</i>
OsMPK5	AAL87689	<i>Oryza sativa</i>
NtWIPK	BAA09600	<i>Nicotiana tabacum</i>
AtMPK3	NP_190150	<i>Arabidopsis thaliana</i>
PsMAPK3	AAF73236	<i>Pisum sativum</i>
NtNTF6	CAA58760	<i>Nicotiana tabacum</i>
NbNTF6	BAG31942	<i>Nicotiana benthamiana</i>
AtMPK5	NP_567378	<i>Arabidopsis thaliana</i>
AtMPK4	NP_192046	<i>Arabidopsis thaliana</i>
OsMPK3	ABH01189	<i>Oryza sativa Indica Group</i>
ZmMPK7	ABC02871	<i>Zea mays</i>
OsMPK4	CAB61889	<i>Oryza sativa</i>
AtMPK7	NP_179409	<i>Arabidopsis thaliana</i>
AtMPK14	NP_195363	<i>Arabidopsis thaliana</i>
PaMAPK	AAD32204	<i>Prunus armeniaca</i>
NtNTF3	CAA49592	<i>Nicotiana tabacum</i>
PsMPK2	AAF73257	<i>Pisum sativum</i>
AtMPK1	NP_172492	<i>Arabidopsis thaliana</i>
AtMPK2	NP_564746	<i>Arabidopsis thaliana</i>
AtMPK20	NP_565989	<i>Arabidopsis thaliana</i>
OsMPK8	CAD54742	<i>Oryza sativa (japonica cultivar-group)</i>
AtMPK17	NP_001030941	<i>Arabidopsis thaliana</i>
AtMPK8	NP_173253	<i>Arabidopsis thaliana</i>
OsMPK12	AAD52659	<i>Oryza sativa</i>