



**Supplemental figure 1. Quantitative analysis of kinase activity shown in Figure 9.**

(A)-(D), quantitative data corresponding to the kinase activity gels shown in Figure 9.

**Supplemental Table 1. Primers used for RT-PCR**

Primer Name	Sequence
NbMEK1-S1	ATGAAGACGACGAAGCCATTG
NbMEK1-AS1	CTGTGGATAACATGTCTCTCATTATGCAAG
NbMEK2-S1	GTCACGATATGTTTCGATCACAACG
NbMEK2-AS1	CAAGGATCCATAGTTTGTGCCAG
NbSIPK-S1	GGGCTAGCTCGTGTCACTTC
NbSIPK-AS1	GCGACTCCCTGTAAATCAGC
NbWIPK-S1	GCACCAGAGCTTTTGTGAA
NbWIPK-AS1	TCCAGATCAAAGGGGAAACA
NbrbohA-S1	ATTCTACGGAGCGTTGAACC
NbrbohA-AS1	AACGCAAATTCCTTCGAATC
NbrbohB-S1	ATCACCATCATTCCGACACA
NbrbohB-AS1	AACGCAAATTCCTTCGAATC
NbRAR1-S1	TTGTTGCAAGAAAAGCAGTCA
NbRAR1-AS1	CATGGCGATATGCTCATGAAT
NbSGT1-S1	CATTGACGACCACTTTGAGC
NbSGT1-AS1	TGTCCAGTGTAAGGGTTCAGC
NbHSP90-S1	CGCTAGACAAGATCCGCTTT
NbHSP90-AS1	CTTAAGCCTTCGCTCCTCAA
NbSyp121-S1	AGCTGACGATCAATCGGACT
NbSyp121-AS1	GCTCTTGAATTGCCTTTTGC
NbEF1a-S1	AGCTGACTGTGCTGTCCTGA
NbEF1a-AS1	GGGGTGCATCTCAACAGATT