

**Supplemental Figure 5.** Induction of Nb *RBOHB* Expression by *Agrobacterium* Infection and *Agrobacterium*-Mediated Nt *MEK2*<sup>DD</sup> Expression.

Leaves were infiltrated with *Agrobacterium* harboring *GUS*, Nt  $MEK2^{WT}$ , Nt  $MEK2^{DD}$  or Nt  $MEK2^{KR}$ . Total RNA was prepared 24 h after the infiltration. Expression of Nb RBOHA, Nb RBOHB and  $EF-1\alpha$  was monitored by RT-PCR analysis.