

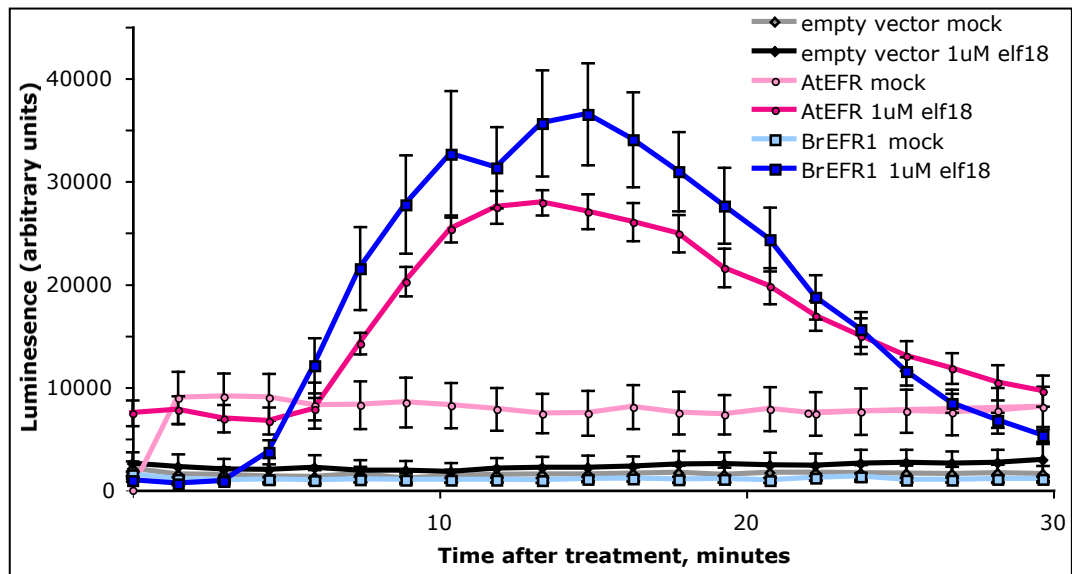
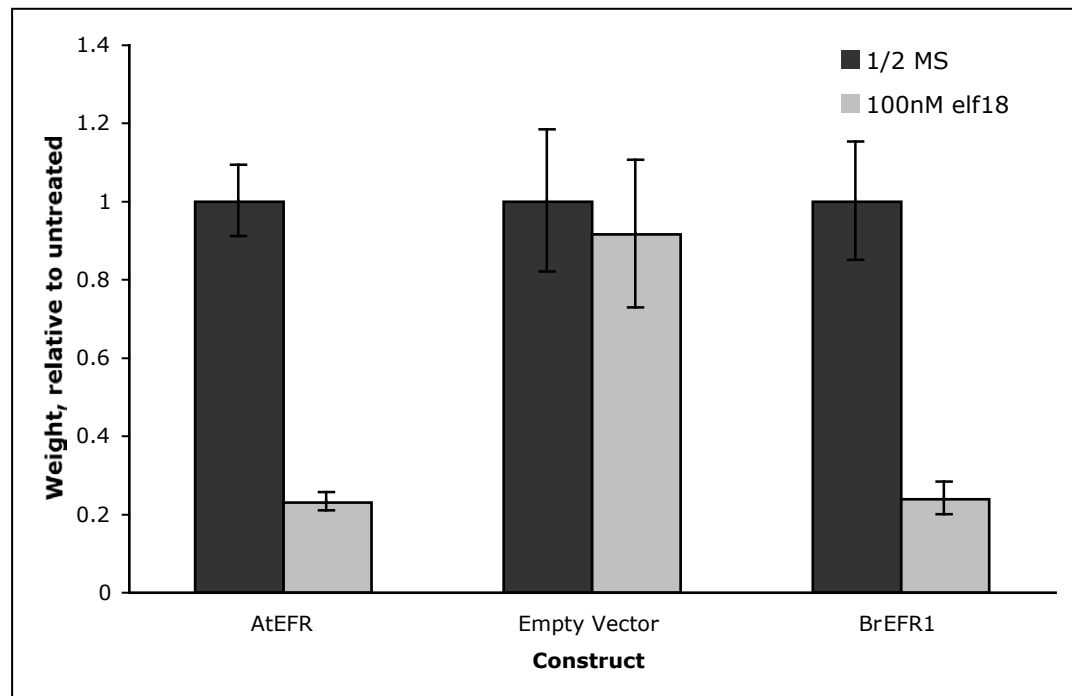
A**B**

Figure S3: Identification of an EFR ortholog. Two high-scoring BLAST hits (highly similar to Arabidopsis EFR) were identified at the Brassica Genome Gateway, both from *B. rapa*. One of these was cloned by PCR (see Methods), fully sequenced, and expressed in *N. benthamiana* (see Methods). This sequence, designated BrEFR1, conferred elf18 sensitivity in an ROS assay when A) transiently expressed in *N. benthamiana* leaves, and B) rescued elf18 perception as seen in a seedling growth inhibition assay when expressed in stable transgenic T1 seedlings derived from an Arabidopsis *efr* mutant line.