## Table S1. Primers used for vector construction.

| Primer name        | Forward primer (5'-3') | Reverse primer (5'-3') |
|--------------------|------------------------|------------------------|
| FvCHLH-RNAi        | GGGGACAGTTCAGAAAAAGC   | TGGGTCGTTCTTTTCAACTGTC |
|                    | AGGCTTCGCTGCCACATCCATC | GGGGACACTTTGTAAGAAAAGC |
| FvRIPK1-RNAi       | GGGGACAGTTGTACAAAAAGC  | TGGGACGGTTTTGTAAAGAAAAGC |
|                    | AGGCTTCAGAAGCCCTAAAACCT | GGGGATCGGAACTCAGGAAAGAC |

## Table S2. Primers used for identification of positive plants.

| Primer name | Forward primer (5'-3') | Reverse primer (5'-3') |
|-------------|------------------------|------------------------|
| Kana        | CGATAGAAGGCGATGCGCTG    | CGCTTGATCCGGCTACCTG    |
| DsRed       | CGCCCTTGATCACCTTACCCAG  | CATTTCATGCAGCCACAGGTTAC |

## Table S3. Primers used for gene expression analysis by qRT-PCR.

| Primer name        | Forward primer (5'-3') | Reverse primer (5'-3') |
|--------------------|------------------------|------------------------|
| FvCHLH             | TGGGTCCCTCGATAAC       | CCAATCCCAGTTC         |
| FvRIPK1            | CTGCACAGTTCAGAGG       | AAGGTCGATACCTCAAAG    |
| FvABI1             | CAAGAGCCATTCTTGATCTG   | TGGAATAATCCAGGTTTCA   |
| FvABI4             | AGACACCTTCCCCACC       | GCCACCTTGGCCCTTG      |
| FvSnRK2, 2        | CCAGATATGTCGGAGTTTCAG  | ACTTCTCTCTCTTCTTCTCTT |
| FvSnRK2, 6        | GCTACACTGGCAACCAAAATC  | ACCCCACAAGACAGACATC   |
| FvR022             | CAAAGGGAACACCAT        | GGCAAGAAAGACAGCTA     |
| FvNAC72            | CTTTTACTCCACC         | AAATTCTGGCTTGGTC      |
| FvACTIN           | GCCACCGTGGAAGATG       | TCCAGAGTCAAGAAACATACCAG |