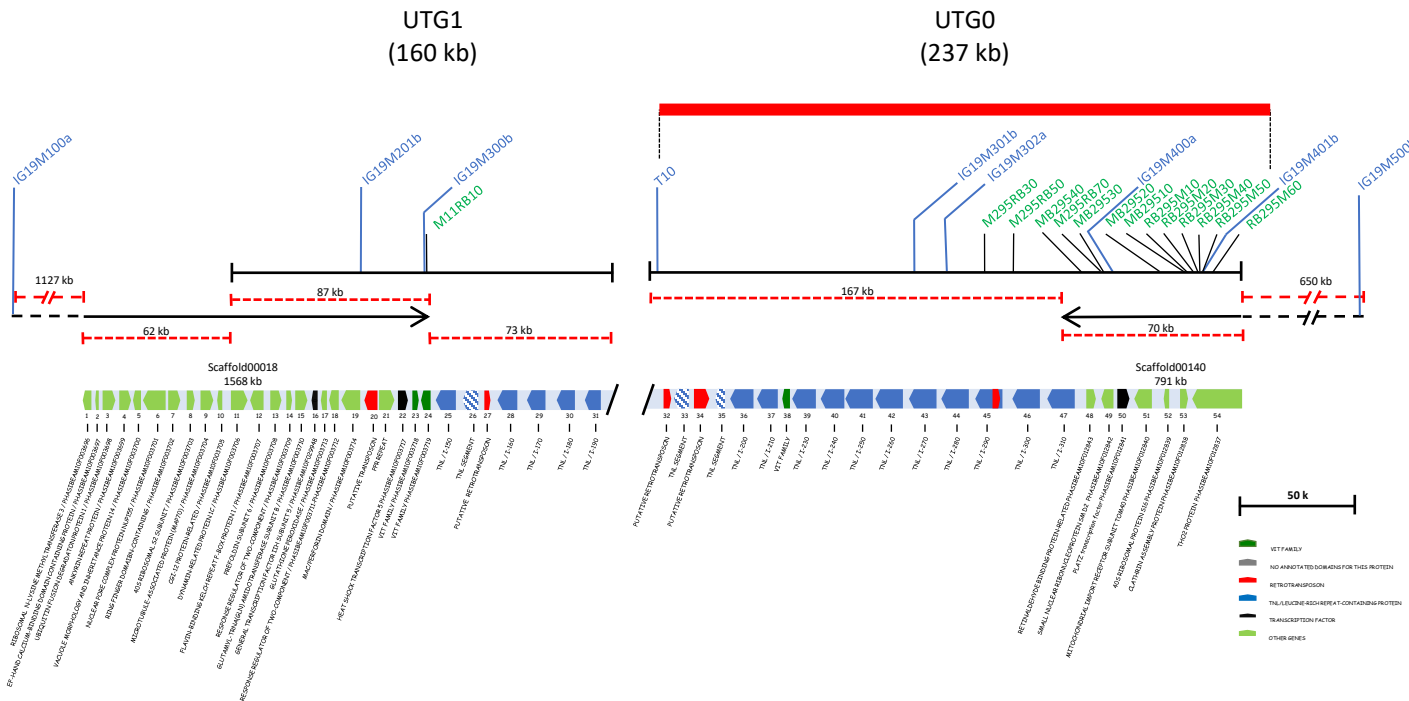


BAT93 Chr2: / Locus



Supplementary data Fig. S1 Location of the PCR-based markers on the *R-BPMV* / *I* cluster region in **BAT93**. Molecular markers designed from G19833 and from BAT93 are colored in blue and green, respectively. The red line shows markers co-segregating with *R-BPMV*.

Phaseolus vulgaris, Chromosome 02
(291,976 Kb)

Medicago truncatula, Chromosome 08
(427,582 Kb)

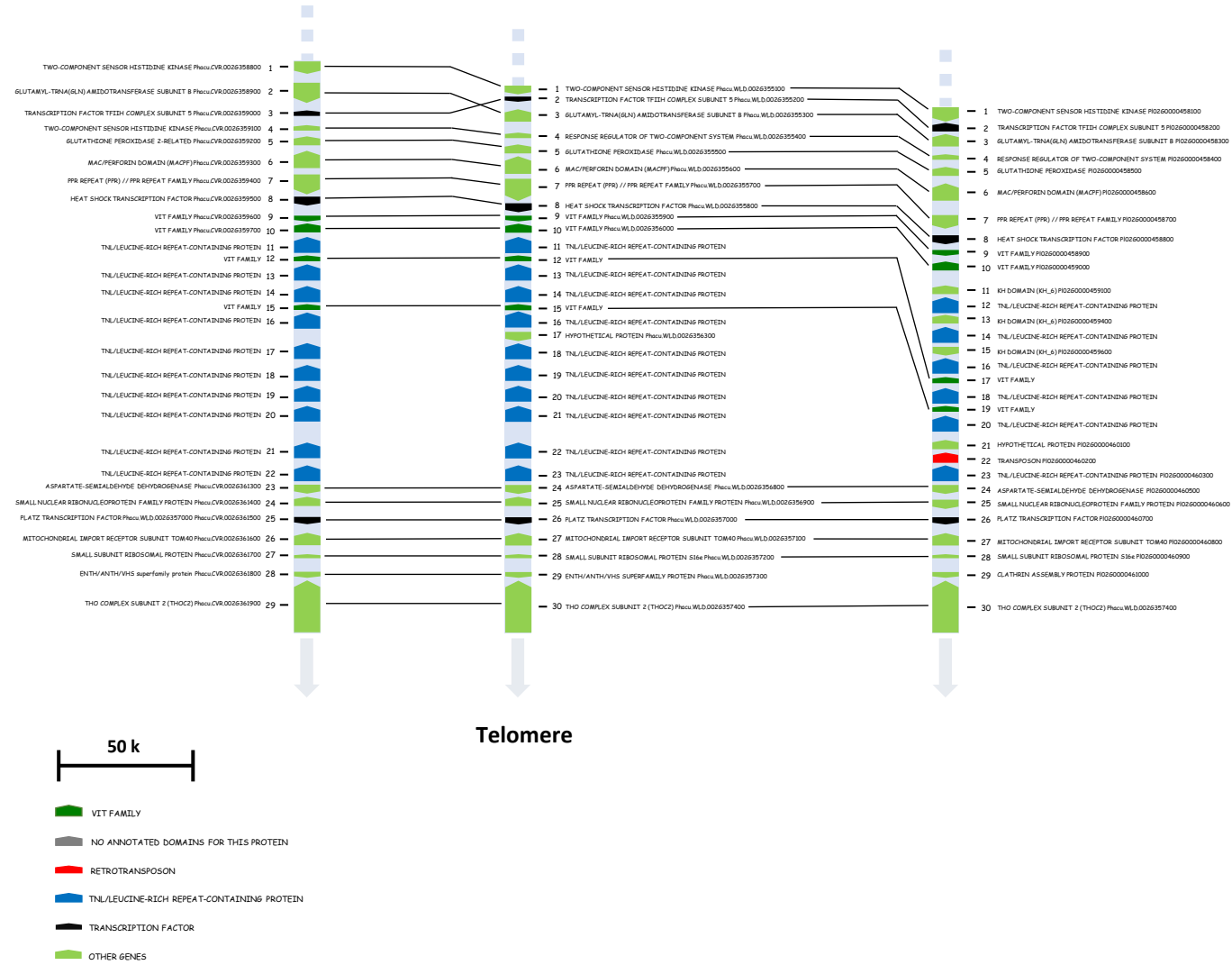


Supplementary data Fig. S2 Microsynteny analysis of the region containing the *R-BPMV* / *I* cluster between *P. vulgaris* G19833 and *Medicago truncatula*. Putative gene function is listed on the right of each target region. Black lines indicate significant homology matches between predicted genes. Loci names are indicated according to the respective genome annotation in <https://phytozome-next.jgi.doe.gov/>.

Phaseolus acutifolius, Frijol Bayo
Chromosome 02
(230,183 kb)

Phaseolus acutifolius, W6 15578
Chromosome 02
(220,196 kb)

Phaseolus lunatus, G27455
Chromosome 02
(209,730 kb)



Supplementary data Fig. S3 Microsynteny analysis of the region containing the *R-BPMV* / *I* cluster between between *P. acutifolius* (Frijol Bayo, cultivated), *P. acutifolius* (W6 15578, wild) and *P. lunatus* (G27455). Putative gene function is listed on the side of the target region. Black lines indicate significant homology matches between predicted genes. Loci names are indicated according to the respective genome annotation in <https://phytozome-next.jgi.doe.gov/>.