

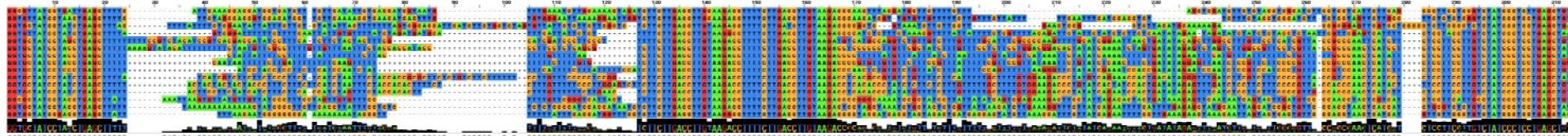
Supplemental Figure 8 Multiple alignment of TAS3 transcripts from *P. aphrodite* and 14 other plant species.

(a) The alignment of PaTAS3a in *P. aphrodite* (PATC148096) and its homologs of 14 other plant species, including *Panicum hallii* (JR068084), rice (OsTAS3a on chromosome 3) (Wang et al. 2010), Arabidopsis (AT3G17185), *Malus x domestica* (CN490861) (Xia et al. 2012), *Arachis hypogaea* (ES759435), *Manihot esculenta* (CK643507), *Citrus sinensis* (EY674848), *Quercus robur* (FP032778), *Lotus japonicus* (AK338955), *Glycine max* (CX710282), *Vigna unguiculata* (FG899643), *Vitis vinifera* (CF214752), *Theobroma cacao* (CU579872), *Gossypium hirsutum* (DW503626). Multiple alignment analyses were performed using MUSCLE (Edgar 2004) and edited using Jalview (Waterhouse et al. 2009). (b) Highly conserved sequences in the regions of miR390 target sites and tasiRNA-ARF sites.

## References

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(A)



(B)

