

Fig. S3 Multiple alignments of PDS protein from different species. Fm: *F. mandshurica*, Oe: *Olea europaea*, Dh: *Dorococeras hygrometricum*, Sl: *Solanum lycopersicum*, Nb: *Nicotiana benthamiana*, Pt: *Populus trichocarpa*, Vv: *Vitis vinifera*, At: *Arabidopsis thaliana*, Os: *Oryza sativa*, Zm: *Zea mays*, and Ta: *Triticum aestivum*. The phylogenetic tree is drawn with 1000 bootstrap trials using the Jones-Taylor-Thornton (JTT) model and the neighbor-joining (NJ) method in MEGA-X.

