

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Effects of overexpression of SIOFP20 on fruit and ovary shapes in the Yellow Pear background

File Name: Supplementary Data 2

Description: Relative expression, and fruit and ovary shape in the SIOFP20 amiRNA lines

File Name: Supplementary Data 3

Description: Distribution of *ovate* and *sov1* alleles in tomato varieties of different shapes

File name: Supplementary Data 4

Description: Primer list and marker information