

Supplementary Table 9. The number of orthologous genes.

| species                                      | number |
|----------------------------------------------|--------|
| <i>M. crystallinum</i> and <i>H. undatus</i> | 80     |
| <i>H. undatus</i> and <i>A. caudatus</i>     | 95     |
| <i>A. caudatus</i> and <i>B. vulgaris</i>    | 57     |
| <i>B. vulgaris</i> and <i>V. vinifera</i>    | 55     |
| <i>V. vinifera</i> and <i>A. thaliana</i>    | 80     |
| <i>A. thaliana</i> and <i>O. sativa</i>      | 23     |