

|                        | Number of genes | Lineage-specific<br>Gene Duplication Events | Orthofinder Genes      |                  |                   |
|------------------------|-----------------|---|------------------------|------------------|-------------------|
|                        |                 |   | Assigned<br>Orthogroup | Unassigned       | Lineage-specific  |
|                        |                 |   |                        |                  |                   |
| <i>A. coerulea</i>     | 30,023          | 9,106                                       | 26,409<br>(88.0%)      | 3,614<br>(12.0%) | 3,908<br>(13.0%)  |
| <i>A. officinalis</i>  | 27,395          | 7,584                                       | 23,265<br>(84.9%)      | 4,130<br>(15.1%) | 4,159<br>(15.2%)  |
| <i>A. thaliana</i>     | 27,416          | 8,753                                       | 24,971<br>(91.1%)      | 2,445<br>(8.9%)  | 3,332<br>(12.2%)  |
| <i>C. annuum</i>       | 34,899          | 8,762                                       | 33,695<br>(96.6%)      | 1,204<br>(3.4%)  | 1,220<br>(3.5%)   |
| <i>D. stramonium</i>   | 52,149          | 14,000                                      | 44,295<br>(84.9%)      | 7,854<br>(15.1%) | 10,913<br>(20.9%) |
| <i>G. max</i>          | 47,649          | 24,615                                      | 44,733<br>(93.9%)      | 2,916<br>(6.1%)  | 4,597<br>(9.6%)   |
| <i>H. annuus</i>       | 52,243          | 18,170                                      | 44,874<br>(85.9%)      | 7,369<br>(14.1%) | 7,505<br>(14.4%)  |
| <i>L. sativa</i>       | 38,910          | 11,162                                      | 35,391<br>(91.0%)      | 3,519<br>(9.0%)  | 5,673<br>(14.6%)  |
| <i>N. attenuata</i>    | 33,449          | 7,396                                       | 32,228<br>(96.3%)      | 1,221<br>(3.7%)  | 2,789<br>(8.3%)   |
| <i>O. sativa</i>       | 39,049          | 9,220                                       | 31,454<br>(80.6%)      | 7,595<br>(19.4%) | 5,812<br>(14.9%)  |
| <i>P. axillaris</i>    | 32,928          | 6,501                                       | 31,013<br>(94.2%)      | 1,915<br>(5.8%)  | 1,737<br>(5.3%)   |
| <i>S. lycopersicum</i> | 34,075          | 4,835                                       | 30,037<br>(88.1%)      | 4,038<br>(11.9%) | 1,656<br>(4.9%)   |
| <i>V. vinifera</i>     | 31,845          | 7,343                                       | 27,503<br>(86.4%)      | 4,342<br>(13.6%) | 2,347<br>(7.4%)   |
| <i>Z. mays</i>         | 39,498          | 13,407                                      | 36,338<br>(92.0%)      | 3,160<br>(8.0%)  | 5,616<br>(14.2%)  |