

Table S2 Other species used for Meta-analysis

| Others                                                        | No. of studies | Others                                                               | No. of studies |
|---------------------------------------------------------------|----------------|----------------------------------------------------------------------|----------------|
| <i>Vigna unguiculata</i> (Linn.) Walp.                        | 3              | <i>Phaseolus vulgaris</i> L.                                         | 1              |
| <i>Robinia pseudoacacia</i> L.                                | 3              | <i>Nicotiana</i> L                                                   | 1              |
| <i>Pisum sativum</i> L.                                       | 3              | <i>Morus alba</i> L.                                                 | 1              |
| <i>Lolium perenne</i> L.                                      | 3              | <i>Malus pumila</i> Mill.                                            | 1              |
| <i>Hordeum vulgare</i> L.                                     | 3              | <i>Lycopersicon esculentum</i> Mill.                                 | 1              |
| <i>Cinnamomum camphora</i> (L.) J. Presl                      | 3              | <i>Lycium ruthenicum</i> Murray                                      | 1              |
| <i>Solanum melongena</i> L.                                   | 2              | <i>Leymus chinensis</i> (Trin. ex Bunge) Tzvelev                     | 1              |
| <i>Linum usitatissimum</i> L.                                 | 2              | <i>Lactuca saliva</i>                                                | 1              |
| <i>Fragaria ananassa</i> Duch.                                | 2              | <i>Festuca elata</i> Keng ex E. B. Alexeev                           | 1              |
| <i>Cucurbita pepo</i> Linn.                                   | 2              | <i>Fagopyrum esculentum</i> Moench                                   | 1              |
| <i>Vitis vinifera</i> L.                                      | 1              | <i>Eucalyptus urophylla</i> S.T.Blake                                | 1              |
| <i>Vignamundo</i> (L.)Hepper                                  | 1              | <i>Eriobotrya japonica</i> (Thunb.) Lindl.                           | 1              |
| <i>Triticum turgidum</i> L. var. durum (Desf. ) Yan. ex P. C. | 1              | <i>Dianthus chinensis</i> L.                                         | 1              |
| <i>Sorghum bicolor</i> (L.) Moench                            | 1              | <i>Cichorium intybus</i> L.                                          | 1              |
| <i>Solanum nigrum</i> L.                                      | 1              | <i>Capsicum frutescens</i> L. (syn. C. annum L.) var.grossum Bailey. | 1              |
| <i>Scutellaria baicalensis</i> Georgi                         | 1              | <i>Arachis hypogaea</i> Linn.                                        | 1              |
| <i>Populus</i> L.                                             | 1              | <i>Arabidopsis thaliana</i> (L.) Heynh                               | 1              |
| <i>Pinus elliottii</i> Engelm.                                | 1              | <i>Aca-cia decurrens</i> willd var. Mollis Lindl.                    | 1              |

Table S3 Other families used for Meta-analysis

| Others          | No. of studies |
|-----------------|----------------|
| Caryophyllaceae | 1              |
| Labiatae        | 1              |
| Moraceae        | 1              |
| Myrtle family   | 1              |
| Pinaceae        | 1              |
| Polygonaceae    | 1              |
| Salicaceae      | 1              |
| Vitaceae        | 1              |