### Supplementary Materials

Table S2. Pearson’s correlation coefficients between ellagitannins and the values of TPC/DPPH of the wild-harvested Kakadu plum fruits.

|                | Castalagin | Corilagin | 3,4,6-Tri-O-galloyl-S-glucose | Punicalagin | Gallic acid | Ellagic acid | Chebulagic acid | Chebulinic acid | Elaeocarpusin | Chebulic acid | Helioscopin B | Geraniin | TPC | DPPH |
|----------------|------------|-----------|-------------------------------|-------------|-------------|-------------|-----------------|-----------------|---------------|---------------|--------------|------------|-----|-----|
| Castalagin     | 1.000      |           |                               |             |             |             |                 |                 |               |               |              |            |     |     |
| Corilagin      | -0.610**   | 1.000     |                               |             |             |             |                 |                 |               |               |              |            |     |     |
| 3,4,6-Tri-O-galloyl-S-glucose | -0.506* | 0.836** | 1.000 | | | | | | | | | |     |     |
| Punicalagin    | 0.691**    | -0.410    | -0.531**                      | 1.000       |             |             |                 |                 |               |               |              |            |     |     |
| Gallic acid    | 0.162      | 0.044     | 0.037                         | 0.183       | 1.000       |             |                 |                 |               |               |              |            |     |     |
| Ellagic acid   | 0.324      | -0.192    | -0.174                        | 0.358       | 0.226       | 1.000       |                 |                 |               |               |              |            |     |     |
| Chebulagic acid| -0.279     | 0.594**   | 0.461*                        | 0.190       | -0.019      | -0.035      | 1.000          |                 |               |               |              |            |     |     |
| Chebulinic acid| -0.246     | 0.557**   | 0.748**                       | -0.084      | 0.120       | 0.084       | 0.624**        | 1.000           |               |               |              |            |     |     |
| Elaeocarpusin  | -0.359     | 0.752**   | 0.822**                       | -0.461*     | 0.303       | 0.104       | 0.293          | 0.680**         | 1.000         |               |              |            |     |     |
| Chebulic acid  | -0.620**   | 0.281     | 0.132                         | -0.338      | -0.498*     | -0.319      | 0.027          | -0.109          | -0.140        | 1.000         |              |            |     |     |
| Helioscopin B  | -0.509*    | 0.738**   | 0.892**                       | -0.601**    | 0.190       | -0.043      | 0.168          | 0.633**         | 0.874**       | 0.038         | 1.000       |            |     |     |
| Geraniin       | -0.022     | 0.199     | 0.137                         | 0.449*      | -0.145      | -0.045      | 0.882**        | 0.475*          | -0.118        | -0.021        | -0.175       | 1.000     |     |     |
| TPC            | -0.414*    | 0.391     | 0.554**                       | -0.389      | 0.120       | 0.188       | 0.229          | 0.506*          | 0.616**       | -0.034        | 0.554**      | -0.015     | 1.000 |     |
| DPPH           | -0.201     | 0.338     | 0.380                         | -0.240      | 0.200       | 0.347       | 0.142          | 0.441*          | 0.505*        | -0.048        | 0.451*      | -0.040     | 0.653** | 1.000 |