

Supplementary Table 1. A flavonoid library

*Isoflavone;1-3, Isoflavane;4, Flavone;5-10, Flavonol;11-19, Flavanol;20-23, Flavanone;24-28, Flavanonl;29, Prenylflavonoid;30, Chalcone;31-38, unclassified;39-40

| No | Name of compound* | No | Name of compound |
|----|---|----|------------------------------|
| 1 | Daidzein | 21 | (-)-Epigallocatechin gallate |
| 2 | Genistein | 22 | (-)-Epicatechin |
| 3 | Genistin | 23 | (±)-Catechin |
| 4 | Glabridin | 24 | Hesperidin |
| 5 | Baicalein | 25 | Naringenin |
| 6 | Diosmin | 26 | Sakuranetin |
| 7 | Diosmetin | 27 | Naringin |
| 8 | Skullcapflavone II | 28 | Poncirin |
| 9 | beta-Naphthoflavone | 29 | (±)-Taxifolin hydrate |
| 10 | 5,7,2',6'-Tetrahydroxyflavone | 30 | Isoxanthohumol |
| 11 | Herbacetin | 31 | Isobavachalcone |
| 12 | Kaempferol | 32 | 2,2',4'-Trihydroxychalcone |
| 13 | Kaempferol-3-O-(3,4-O-diacetyl- α -L-rhamnopyranoside) | 33 | Dienestrol |
| 14 | Morin | 34 | Sofalcone |
| 15 | Myricetin | 35 | Rhodamine 6G |
| 16 | Fisetin | 36 | FCLA Free Acid |
| 17 | Quercitrin | 37 | Helichrysetin |
| 18 | Quercetin | 38 | Cardamonin |
| 19 | Quercetin 3- β -D-glucoside | 39 | Mangiferin |
| 20 | (-)-Gallocatechin | 40 | Auraptene |