

Table S1: The loadings of the first three principal components.

| VARIABLE NUMBER | PHENOLIC COMPOUND | PC1 (51.5%) | PC2 (25.1%) | PC3 (14.7%) |
|--------------------|--|-----------------|-----------------|-----------------|
| 1 | HHDP-galloylglucose; Monogalloyl glucose | 0,7690 | -0.46936 | 0.13524 |
| 2 | Digalloylglucose; Gallic acid | 0.86956 | -0.27585 | 0.09153 |
| 3 | HHDP-galloylglucose and bis-HHDP-glucose | 0,9047 | -0.11130 | 0.06778 |
| 4 | Digalloylglucose isomer | 0.88635 | -0.06148 | 0.06996 |
| 5 | Protocatechuic acid | 0.59064 | -0.68325 | 0.10748 |
| 6 | Bis-HHDP-glucose isomer | 0.61709 | -0.54739 | 0.31575 |
| 7 | Castalin; HHDP-digalloylglucose | 0.82617 | -0.39079 | 0.10511 |
| 8 | Castalin isomer and (Epi)catechin | 0.84344 | -0.33137 | -0.11529 |
| 9 | HHDP-galloylglucose | 0.85304 | -0.23464 | 0.09121 |
| 10 | Digalloylglucose isomer | 0.52257 | -0.63127 | -0.26288 |
| 11 | Trigalloylglucose | 0.19198 | 0.24590 | 0.51143 |
| 12 | HHDP-digalloylglucose isomer +Dihydroxyphenyl-c-valerolactone | 0.13844 | -0.62458 | 0.38224 |
| 13 | Trigalloylglucose isomer | 0.83354 | 0.26437 | -0.02877 |
| 14 | Castalin/Vescalagin | 0.76761 | -0.41498 | 0.16745 |
| 15 | Trigalloylglucose isomer | 0.86305 | 0.17555 | 0.00100 |
| 16 | Tetragalloylglucose | 0.8949 | 0.05313 | -0.06685 |
| 17 | Tetragalloylglucose isomer | 0.60034 | 0.57494 | -0.15656 |
| 18 | Pentagalloyl glucose | 0.58634 | 0.58866 | -0.13905 |
| 19 | Galloyl-castalagin | -0.87842 | 0.18995 | 0.18671 |
| 20 | Urolithin B sulfate | -0.88001 | 0.04832 | 0.27510 |
| 21 | Urolithin M5 | -0.77249 | 0.11761 | 0.47313 |
| 22 | Ellagic acid hexoside | -0.34766 | 0.73047 | -0.30215 |
| 23 | Urolithin D | -0.78209 | 0.18306 | 0.41769 |
| 24 | Ellagic acid pentoside | -0.69168 | 0.46002 | 0.30514 |
| 25 | Urolithin D isomer | -0.88660 | 0.17430 | 0.14346 |
| 26 | Urolithin M6 | -0.89495 | 0.15064 | 0.26448 |
| 27 | Ellagic acid pentoside+ Ellagic acid | 0.85813 | -0.22747 | -0.22642 |
| 28 | Myricetin-rhamnoside | 0.79219 | 0.34589 | -0.05550 |
| 29 | Quercetin-hexoside A | 0.86336 | 0.17255 | -0.01422 |
| 30 | Urolithin C | -0.87136 | 0.16382 | -0.06242 |
| 31 | Quercetin-hexoside B | 0.88519 | 0.05063 | 0.03698 |
| 32 | Quercetin-pentoside A | 0.58578 | 0.58747 | -0.13876 |
| 33 | Urolithin M7 | -0.87445 | 0.21726 | 0.21334 |
| 34 | Quercetin-pentoside B | 0.50583 | 0.62490 | 0.10516 |
| 35 | Quercetin-rhaminoside | 0.85452 | -0.23057 | 0.11788 |
| 36 | Isourolithin A | -0.73443 | 0.43797 | -0.24396 |
| 37 | Urolithin A | -0.87266 | 0.17553 | 0.25969 |
| 38 | Delphinidin-3-glucoside | 0.59884 | 0.58836 | -0.14303 |
| 39 | Cyanidin-3-glucoside | 0.72090 | 0.53149 | -0.11479 |
| 40 | Peonidin-3-glucoside | 0.63356 | 0.54796 | -0.12428 |
| 41 | Cell growth inhibition (%) | -0.11370 | -0.16921 | -0.28772 |

Bold font indicates $p < 0.05$.

Figure S1: Effect of FJPP (10.000 $\mu\text{g mL}^{-1}$) on viability of Caco-2 cells. Cell viability was evaluated after exposure of Caco-2 cells to FJPP at 10.000 $\mu\text{g mL}^{-1}$ for 72 h. Results are means of at least 6 independent experiments performed in triplicate \pm SEM.

