

1        **Characterization and Quantification of Non-anthocyanin Phenolic Compounds in**  
2        **White and Blue Bilberry (*Vaccinium myrtillus*) Juices and Wines Using UHPLC-DAD–**  
3        **ESI-QTOF-MS and UHPLC-DAD**

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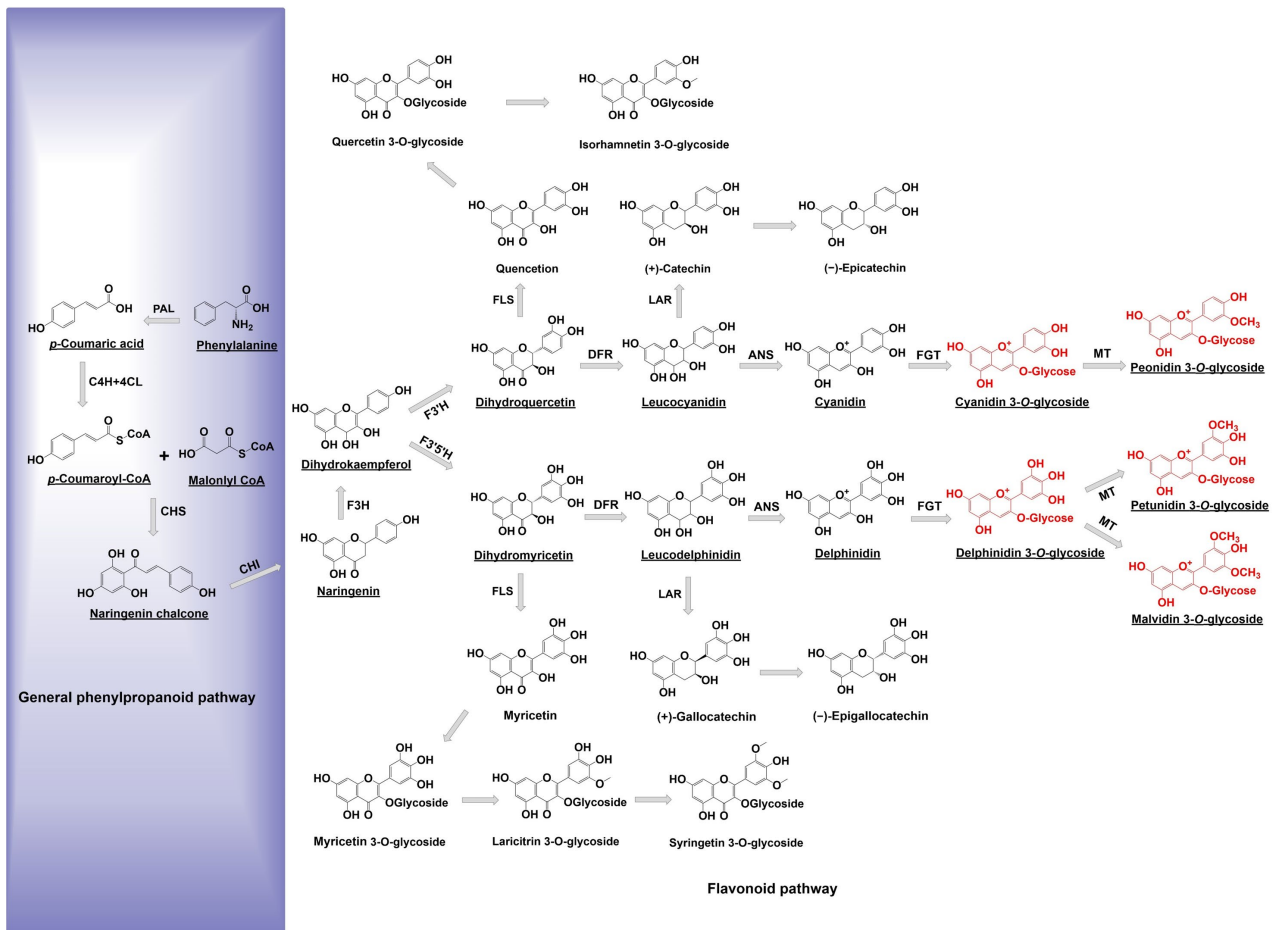
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11 **Figure S1.** Simplified flavonoid biosynthesis pathway, with emphasis on the flavonoids found in  
 12 *Vaccinium myrtillus*.<sup>1,2</sup> Abbreviations: PAL, phenylalanine ammonia lyase; C4H, cinnamate 4-  
 13 hydroxylase; 4CL, 4-coumarate-CoA ligase; CHS, chalcone synthase; CHI, chalcone isomerase; F3H,  
 14 flavanone 3-hydroxylase; F3'H, flavonoid 3'-hydroxylase; F3'5'H, flavonoid 3',5'-hydroxylase; DFR,  
 15 dihydroflavonol 4-reductase; ANS, anthocyanidin synthase; FGT, flavonoid 3-O-glycosyltransferase;  
 16 MT, methyltransferase; FLS, flavonol synthase; LAR, leucoanthocyanidin reductase; ANR,  
 17 anthocyanidin reductase.

18 **Table S1.** Calibration information of phenolic acids, flavonols, and flavan-3-ols

compound	determination coefficient (R <sup>2</sup> )	LOD <sup>a</sup> (mg/L)	LOQ <sup>b</sup> (mg/L)	linearity range (mg/L)
caffeic acid	0.9996	0.012	0.025	0.05–64
quercetin 3- <i>O</i> -glucoside	0.9990	0.08	0.15	0.3–15
epicatechin	0.9994	0.07	0.2	0.2–8

19 <sup>a</sup> LOD, limit of detection (S/N = 3).

20 <sup>b</sup> LOQ, limit of quantification (S/N = 10).

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