

**Supplementary Table S1.** Main polyphenol classes detected in wild type tomato (WT; cv. Moneymaker) and the high polyphenol enriched transgenic lines Indigo, ResTom, and Bronze.

Compounds (mg/g DW)	WT	Indigo	ResTom	Bronze
Flavonoids	0.46 ± 0.029 <sup>c</sup>	20.39 ± 3.35 <sup>a</sup>	2.40 ± 0.23 <sup>c</sup>	14.52 ± 1.12 <sup>b</sup>
Anthocyanins	0 <sup>c</sup>	4.94 ± 0.077 <sup>a</sup>	0 <sup>c</sup>	2.5 ± 0.04 <sup>b</sup>
Stilbenoids	0 <sup>c</sup>	0 <sup>c</sup>	9.12 ± 0.78 <sup>a</sup>	5.49 ± 1.49 <sup>b</sup>

Values within the same row showing different superscript letter are significantly different (Tukey test,  $p < 0.05$ ).