

Supplementary Table S1. Bioactive content (mg/100g fresh weight) in prickly pear pulps during *in vitro* simulated gastrointestinal digestion.

Compounds	Colorada				Fresa			
	Fruit	Oral	Gastric	Intestinal	Fruit	Oral	Gastric	Intestinal
Indicaxanthin	11.79 ± 0.15 ^c	11.54 ± 0.03 ^c	8.67 ± 0.05 ^b	6.87 ± 0.19 ^a	4.01 ± 0.14 ^b	4.12 ± 0.15 ^b	4.01 ± 0.35 ^b	2.76 ± 0.07 ^a
Betanin	0.62 ± 0.02 ^c	0.34 ± 0.00 ^b	0.49 ± 0.07 ^b	0.28 ± 0.02 ^a	11.17 ± 0.28 ^c	12.32 ± 0.35 ^c	9.36 ± 0.74 ^b	5.09 ± 0.48 ^a
Piscidic acid	47.49 ± 0.05 ^b	25.21 ± 1.49 ^a	26.76 ± 0.48 ^a	22.19 ± 2.05 ^a	36.53 ± 0.20 ^c	30.18 ± 0.04 ^b	27.24 ± 2.06 ^b	14.08 ± 2.41 ^a
4-hydroxybenzoic acid derivative	1.18 ± 0.01 ^b	1.00 ± 0.02 ^b	0.25 ± 0.04 ^a	0.20 ± 0.04 ^a	0.83 ± 0.03 ^d	0.70 ± 0.06 ^c	0.32 ± 0.03 ^b	0.19 ± 0.02 ^a
Compounds	Blanco Buenavista				Blanco Fasnía			
	Fruit	Oral	Gastric	Intestinal	Fruit	Oral	Gastric	Intestinal
Indicaxanthin	0.05 ± 0.00 ^b	0.03 ± 0.00 ^{ab}	0.03 ± 0.01 ^{ab}	0.02 ± 0.00 ^a	0.09 ± 0.01 ^c	0.04 ± 0.01 ^b	0.06 ± 0.00 ^{bc}	0.03 ± 0.00 ^a
Betanin	0.03 ± 0.01 ^b	0.03 ± 0.01 ^b	0.01 ± 0.00 ^b	n.d. ^a	0.01 ± 0.00 ^b	n.d. ^a	n.d. ^a	n.d. ^a
Piscidic acid	44.33 ± 0.58 ^c	29.25 ± 2.00 ^b	29.04 ± 1.64 ^b	12.70 ± 0.33 ^a	35.41 ± 0.55 ^d	29.42 ± 1.02 ^c	26.02 ± 1.36 ^b	16.68 ± 1.00 ^a
4-hydroxybenzoic acid derivative	1.34 ± 0.06 ^b	1.25 ± 0.03 ^b	0.18 ± 0.02 ^a	0.13 ± 0.03 ^a	1.23 ± 0.01 ^c	1.15 ± 0.01 ^c	0.44 ± 0.10 ^b	0.22 ± 0.03 ^a

Results were expressed as mean ± standard deviation (n=4). This came from obtaining at least two independent digestions (n=2) and performing the determinations of each two times (n=2). Superscript letters indicate statistically significant differences ($p \leq 0.05$) between the fruit and the digestive stages for each variety and compound. Abbreviations: n.d.: not detected.