

Supplementary Table S1. Primers sequences (5'→3') used in this study to real time PCR (RT-qPCR).

Target gene	Reference	Primers	Sequence (5'-3')
<i>FaPAL1</i>	Pillet et al. (2015) [26]	Forward	GATCTCCGGAAAGAACAGCTAGAG
		Reverse	GAAGGACTTGCTTTGGTGAATG
<i>FaCHS1</i>		Forward	AAGTGGGTGATTCTGGACTTG
		Reverse	AGACAAGACATGGTGGTAGTTG
<i>FaCHS2</i>		Forward	TCCAGTCGGTAATGTTCAAAGG
		Reverse	GCTCACATTTACCTCCTCAA
<i>FaF3H</i>		Forward	ACTGCGTTGTCACATCTCTC
		Reverse	CTTCATCGTTTCCAGCCATTT
<i>FaF3'H</i>		Forward	ACGAGGTCCTGGTAGTTGTA
		Reverse	CCGTAGCGTCTCAGTTCTTG
<i>FaFLS</i>		Forward	CCCTTTCTTCCCTTCCAGTTC
		Reverse	GCAGGAGGAGAAAGAGGTTTAC
<i>FaANS</i>		Forward	TTCTTGACCCGTTCCATGAG
		Reverse	GGAGAAATGTAGGGAGGAGTTG
<i>FaANR</i>		Forward	CATGTATTTGGAGAAGCGCAAG
		Reverse	GTTGTCATAGTAGGGCCAAGAA
<i>FaGAPDH1</i>	Nardi et al. (2014) [27]	Forward	TCCATCACTGCCACCCAGAAGACTG
		Reverse	AGCAGGCAGAACCTTTCCGACAG

Supplementary Table S2: Color readings of four *F. x ananassa* cultivars fruit peel.

Cultivar	Stage	L*	a*	b*
Camarosa	Green	47.03 ± 11.28	-9.41 ± 4.71	35.36 ± 7.82
	W	59.19 ± 12.33	-4.58 ± 4.79	32.26 ± 7.17
	50%R	48.13 ± 12.84	20.99 ± 11.96	31.09 ± 7.52
	Ripe	32.96 ± 9.85	33.64 ± 7.82	21.49 ± 6.49
Cristal	Green	45.97 ± 12.68	-8.53 ± 3.79	36.05 ± 7.73
	W	47.41 ± 11.78	-0.38 ± 6.36	29.81 ± 6.73
	50%R	39.76 ± 12.56	20.88 ± 11.08	27.03 ± 6.86
	Ripe	27.93 ± 9.51	31.25 ± 7.13	16.90 ± 4.44
Monterrey	Green	47.48 ± 10.62	-8.63 ± 4.13	36.58 ± 7.92
	W	55.59 ± 11.86	-7.06 ± 3.71	33.52 ± 7.55
	50%R	51.03 ± 13.43	12.32 ± 17.04	26.40 ± 6.45
	Ripe	35.00 ± 10.19	35.06 ± 7.95	23.60 ± 7.58
Portola	Green	51.39 ± 8.65	-9.37 ± 3.45	37.39 ± 4.84
	W	58.22 ± 6.03	-1.54 ± 7.25	28.81 ± 5.41
	50%R	47.86 ± 9.87	21.98 ± 11.67	27.71 ± 4.84
	Ripe	33.46 ± 7.27	34.83 ± 5.37	21.06 ± 5.08

Values indicate the mean of twenty replicates, and the standard deviations are also shown.