

Supplementary Table S1. Effects of age, BMI, sex and bitter taste receptor haplotype status on sweet taste recognition (ANCOVA, type III sum of squares; $R^2 = 0.185$; adjusted $R^2 = 0.117$).

Source of variation	df	Mean square	F	p
Age	1	0.204	3.441	0.066
BMI	1	0.008	0.138	0.711
Gender	1	0.068	1.155	0.285
TAS2R38 diplotype	8	0.188	3.179	0.003
Error	130	0.041		

Supplementary Table S2. Effects of age, BMI, sex and sweet taste receptor polymorphism status on sweet taste recognition (ANCOVA, type III sum of squares; $R^2 = 0.419$; adjusted $R^2 = 0.393$).

Source of variation	df	Mean square	F	p
Age	1	0.048	1.185	0.278
BMI	1	0.045	1.098	0.297
Gender	1	0.009	0.226	0.635
TAS1R3 C-1572T (rs307355, CC vs CT/TT)	1	0.674	16.548	<0.001
TAS1R3 G-1266A (rs35744813, GG vs GA/AA)	1	0.540	13.265	<0.001
Error	135	0.041		