

Table S1. Comparison of genotypes according to lactose absorption/malabsorption and lactose tolerance/intolerance.

	p-value (adjusted Fisher)								
HBT	Sample A (n = 493)			Sample B (n = 120)					
	C/T-13910 polymorphism			C/T-13910 polymorphism			G/A-22018 polymorphism		
	CC: CT	CC: TT	CT: TT	CC: CT	CC: TT	CT: TT	GG: GA	GG: AA	GA: AA
Absorption/malabsorption	2.75e ⁻⁶²	1.09e ⁻³⁴	6.98e ⁻⁰¹	2.78e ⁻¹³	9.23e ⁻⁰⁷	2.84e ⁻⁰¹	1.08e ⁻¹²	6.80e ⁻⁰⁷	1.37e ⁻⁰¹
Tolerance/intolerance	9.81e ⁻¹⁰	3.04e ⁻⁰²	3.35e ⁻⁰²	0.009	0.642	0.646	0.00348	0.63300	0.65000

In the case of the C/T-13910 polymorphism, analyses were performed for both samples (A and B). For the G/A-22018 polymorphism, the analysis was performed only for sample B. Abbreviation: HBT, hydrogen breath-test.