

**Supplementary Table S6.** AMOVA analysis among all populations and considering two regional groups of populations (Italy, and Balkans/Pannonia).

AMOVA among populations					
	Source of variation	d.f.	Sum of squares	Variance components	Percentage of variation
FST=0.169 (P < 0.001)	Among populations	35	210.601	0.36006 Va	16.88
	Within populations	393	696.574	1.77245 Vb	83.12
	total	428	907.175	2.13251	
RST=0.422 (P < 0.001)	Among populations	35	274559.909	596.21249 Va	42.22
	Within populations	393	320614.592	815.81321 Vb	57.78
	total	428	595174.501	1412.02570	
AMOVA among two regional groups of populations					
FST= 0.212 (P < 0.001)	Among groups	1	30.639	0.17541 Va	7.80
	Among populations within groups	34	179.962	0.30059 Vb	13.37
	Within populations	393	696.574	1.77245 Vc	78.83
	Total	428	907.175	2.24844	
RST = 0.427 (P < 0.001)	Among groups	1	11937.956	18.80484 Va	1.32
	Among populations within groups	34	262621.953	589.83670 Vb	41.41
	Within populations	393	320614.592	815.81321 Vc	57.27
	Total	428	595174.501	1424.45476	