

Table S2. Maximum probability of obtaining genetic differentiation (F_{ST}) values larger than those observed in the real data.

Models	$P_{s>o}$		
	<i>HG</i> vs. Farmers	<i>HG</i> vs. Modern	Farmer vs. Modern
TP (this study)	0.018	0.032	0.152
TP (Bramanti <i>et al.</i> [5])	0.022	0.028	-
S	0.132	0.278	0.192
SDG	0.990	1.000	0.612

Maximum probability values of obtaining a simulated F_{ST} value higher than that observed ($P_{s>o}$), for each of the models (TP - Total Panmixia, S - Split, SDG - Split with Differential Growth) and pairwise comparisons analysed (see Figure 3). See Text S1 for more details and reference information.