Table S4   Probability $P(D|Z, O, \epsilon_F)$ of the derived allele D given the true allele Z, the latent ancestral origin O, and the allelic typing error probability ϵ_F. The question marks denote missing alleles derived from founders.

Derived allele D	True allele Z	
	1	2
?	1	1
1	$1 - \epsilon_F$	ϵ_F
2	ϵ_F	$1 - \epsilon_F$

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