

Table S1. Primers and internal primer pairs (newly designed) used for cpDNA sequencing.

Primer	Sequence (5' – 3')	Reference
rpl20	TTTGTCTACGTCTCCGAGC	Hamilton 1999
5'-rps12	GTCGAGGAACATGTACTAGG	Hamilton 1999
rpl20-int1F	AGT GAA GAG GAA AAG GTG GA	
rpl20-int1R	GGA GCC CCT TAC TTC ATT TA	
rpl20-int2F	AAA CGG ACT AAG AGG GTC AG	
rpl20-int2R	TAA CAA AAC GGA TTC TTC CA	
rpl16-F71	TTG CTA TGC TTA GTG TGT GAC TC	Jordan et al 1996
rpl16-R1516	CCCTTCATTCTCCTCTATGTTG	Jordan et al. 1996
rpl16-int1F	CGG GCG AAT ATT TAC TCT TT	
rpl16-int1R	AAA TGG AAG GGT GAG AGA AA	
rpl16-int2F	ATT CAT AGG TTC CGT CGT TC	
rpl16-int2R	TCT GGA TAC AAA AAC CCA GT	
rpl16-int3F	TTG ATG CTT CTT TTT CAT TTC A	
rpl16-int3R	TCC ATT GTA GAA TTC AAA CCT	

Table S2. The 95% confidence interval of the pairwise F_{ST} between populations, corrected using the ENA method. The upper and lower diagonal shows the upper and lower limit of the confidence interval, respectively.

	MO1	MO2	MY1	MY2	TH1	TH2	MA1	MA2	SIN	IN1	IN2	MA3	TH3	VIE	MA4	PH1	PH2	JPN	PA1	PA2	MIC	AU1	AU2	NC1	NC2
MO1	0.076	0.422	0.455	0.424	0.392	0.602	0.425	0.440	0.215	0.386	0.567	0.461	0.463	0.566	0.307	0.413	0.451	0.338	0.410	0.372	0.509	0.599	0.675	0.690	
MO2	0.402	0.621	0.538	0.469	0.458	0.729	0.454	0.459	0.270	0.411	0.654	0.584	0.512	0.568	0.345	0.529	0.496	0.382	0.384	0.390	0.532	0.645	0.734	0.754	
MY1	0.874	0.927	0.202	0.192	0.156	0.410	0.426	0.517	0.417	0.465	0.632	0.558	0.562	0.590	0.373	0.472	0.533	0.434	0.475	0.468	0.576	0.610	0.693	0.713	
MY2	0.743	0.766	0.497	0.113	0.080	0.196	0.271	0.378	0.383	0.309	0.454	0.384	0.400	0.494	0.285	0.368	0.436	0.315	0.354	0.376	0.460	0.465	0.553	0.568	
TH1	0.754	0.775	0.507	0.303	0.033	0.193	0.218	0.292	0.338	0.258	0.414	0.364	0.394	0.430	0.209	0.295	0.369	0.270	0.283	0.295	0.397	0.453	0.531	0.529	
TH2	0.761	0.794	0.461	0.197	0.172	0.168	0.228	0.328	0.363	0.296	0.359	0.339	0.343	0.464	0.245	0.330	0.412	0.304	0.326	0.336	0.443	0.492	0.531	0.547	
MA1	0.891	0.950	0.817	0.642	0.540	0.555	0.332	0.402	0.459	0.390	0.605	0.550	0.587	0.582	0.357	0.468	0.516	0.370	0.420	0.432	0.520	0.565	0.643	0.669	
MA2	0.692	0.699	0.629	0.527	0.482	0.514	0.569	0.035	0.294	0.154	0.261	0.186	0.189	0.261	0.186	0.309	0.325	0.191	0.205	0.195	0.386	0.477	0.474	0.523	
SIN	0.746	0.771	0.733	0.628	0.588	0.620	0.634	0.137	0.269	0.136	0.290	0.206	0.303	0.303	0.115	0.276	0.339	0.200	0.189	0.156	0.404	0.506	0.547	0.590	
IN1	0.431	0.507	0.708	0.630	0.624	0.616	0.715	0.492	0.500	0.162	0.415	0.311	0.291	0.395	0.132	0.185	0.324	0.235	0.309	0.183	0.419	0.509	0.569	0.587	
IN2	0.586	0.579	0.607	0.519	0.481	0.515	0.649	0.339	0.399	0.337	0.295	0.232	0.230	0.300	0.125	0.180	0.258	0.150	0.175	0.210	0.339	0.446	0.500	0.534	
MA3	0.870	0.943	0.870	0.740	0.771	0.733	0.942	0.580	0.673	0.731	0.464	0.044	0.178	0.491	0.375	0.509	0.447	0.406	0.388	0.407	0.513	0.646	0.683	0.702	
TH3	0.805	0.864	0.780	0.681	0.672	0.627	0.860	0.478	0.589	0.677	0.382	0.341	0.213	0.402	0.260	0.331	0.412	0.326	0.337	0.326	0.489	0.598	0.655	0.669	
VIE	0.766	0.825	0.793	0.675	0.694	0.660	0.818	0.472	0.532	0.669	0.451	0.626	0.497	0.358	0.351	0.482	0.456	0.356	0.342	0.375	0.534	0.630	0.649	0.666	
MA4	0.823	0.880	0.852	0.733	0.744	0.719	0.879	0.591	0.621	0.730	0.643	0.881	0.794	0.783	0.274	0.380	0.480	0.392	0.346	0.382	0.506	0.600	0.647	0.662	
PH1	0.521	0.560	0.576	0.445	0.452	0.503	0.588	0.376	0.414	0.307	0.327	0.602	0.523	0.544	0.535	0.129	0.268	0.204	0.199	0.192	0.346	0.442	0.475	0.515	
PH2	0.734	0.788	0.724	0.607	0.567	0.603	0.668	0.472	0.488	0.482	0.388	0.748	0.685	0.707	0.738	0.357	0.407	0.241	0.258	0.233	0.385	0.538	0.598	0.621	
JPN	0.675	0.750	0.729	0.635	0.612	0.657	0.798	0.589	0.638	0.605	0.566	0.760	0.714	0.700	0.776	0.438	0.568	0.318	0.365	0.376	0.363	0.418	0.535	0.562	
PA1	0.598	0.576	0.595	0.529	0.483	0.549	0.532	0.362	0.370	0.389	0.330	0.622	0.534	0.562	0.568	0.361	0.412	0.534	0.116	0.142	0.329	0.423	0.482	0.507	
PA2	0.590	0.570	0.646	0.548	0.517	0.584	0.605	0.448	0.458	0.477	0.372	0.655	0.553	0.594	0.613	0.401	0.450	0.582	0.228	0.185	0.324	0.445	0.459	0.474	
MIC	0.691	0.695	0.651	0.593	0.556	0.599	0.614	0.442	0.452	0.473	0.404	0.681	0.595	0.606	0.614	0.414	0.483	0.631	0.301	0.420	0.327	0.450	0.495	0.523	
AU1	0.791	0.827	0.843	0.756	0.740	0.774	0.827	0.685	0.718	0.684	0.613	0.849	0.794	0.808	0.810	0.609	0.654	0.690	0.587	0.599	0.675	0.306	0.426	0.442	
AU2	0.870	0.922	0.895	0.815	0.803	0.816	0.924	0.761	0.808	0.782	0.763	0.942	0.899	0.873	0.906	0.706	0.799	0.827	0.672	0.687	0.761	0.789	0.457	0.484	
NC1	0.925	0.985	0.952	0.873	0.859	0.863	0.979	0.770	0.828	0.823	0.782	0.985	0.942	0.914	0.933	0.733	0.844	0.852	0.698	0.711	0.775	0.852	0.943	0.063	
NC2	0.922	0.980	0.950	0.868	0.850	0.859	0.979	0.781	0.832	0.825	0.783	0.982	0.939	0.912	0.929	0.742	0.840	0.853	0.695	0.705	0.773	0.849	0.942	0.987	

Table S3. Estimation of exact P-values for the Hardy-Weinberg test for heterozygote deficit. The population-locus combinations with the indicative adjusted nominal level (5%) of less than 0.00018 were shaded. Population codes are defined in Table 1.

Table S4. Estimated null allele frequency for all population-locus combinations. Frequencies above 0.1 are shaded. Population codes are defined in Table 1.

Table S5. Genetic diversity parameters of the eleven microsatellite loci employed in this study.

Locus	N	A_R	H_O	H_E
SA102	13	7.659	0.279 ± 0.055	0.339 ± 0.049
SA115	8	3.834	0.256 ± 0.055	0.261 ± 0.050
SA110	14	8.106	0.465 ± 0.043	0.552 ± 0.035
SA117	11	5.546	0.173 ± 0.037	0.228 ± 0.045
SA123	6	5.083	0.181 ± 0.043	0.207 ± 0.046
SA112	8	3.583	0.150 ± 0.045	0.187 ± 0.047
SA103	21	6.733	0.324 ± 0.051	0.380 ± 0.056
SA108	12	6.821	0.213 ± 0.044	0.252 ± 0.045
SA106	15	7.327	0.255 ± 0.052	0.328 ± 0.057
SA105	20	6.434	0.214 ± 0.057	0.264 ± 0.061
SA113	19	8.64	0.469 ± 0.046	0.599 ± 0.045

N, total number of alleles; A_R, allelic richness rarefied to a minimum of 10 diploid individuals; H_O, observed heterozygosity; H_E, expected heterozygosity

Table S6. Pairwise F'_{ST} between population pairs.

	MO1	MO2	MY1	MY2	TH1	TH2	MA1	MA2	SIN	IN1	IN2	MA3	TH3	VIE	MA4	PH1	PH2	JPN	PA1	PA2	MIC	AU1	AU2	NC1
MO1																								
MO2	0.385																							
MY1	0.857	0.929																						
MY2	0.864	0.898	0.509																					
TH1	0.874	0.887	0.513	0.330																				
TH2	0.843	0.864	0.447	0.221	0.127																			
MA1	0.954	0.975	0.770	0.604	0.526	0.495																		
MA2	0.886	0.893	0.834	0.716	0.706	0.662	0.757																	
SIN	0.891	0.902	0.909	0.836	0.822	0.796	0.823	0.157																
IN1	0.501	0.597	0.852	0.872	0.864	0.831	0.913	0.762	0.704															
IN2	0.777	0.783	0.859	0.791	0.763	0.746	0.895	0.513	0.518	0.524														
MA3	0.902	0.943	0.913	0.834	0.834	0.768	0.939	0.647	0.691	0.829	0.596													
TH3	0.852	0.907	0.856	0.792	0.788	0.727	0.917	0.540	0.593	0.772	0.540	0.315												
VIE	0.852	0.893	0.903	0.829	0.847	0.770	0.925	0.587	0.682	0.786	0.605	0.602	0.569											
MA4	0.921	0.924	0.925	0.895	0.892	0.859	0.945	0.707	0.720	0.869	0.792	0.866	0.808	0.827										
PH1	0.715	0.769	0.788	0.728	0.732	0.718	0.869	0.645	0.572	0.489	0.553	0.785	0.709	0.786	0.715									
PH2	0.859	0.911	0.848	0.840	0.792	0.770	0.866	0.765	0.698	0.633	0.616	0.858	0.779	0.894	0.850	0.531								
JPN	0.845	0.879	0.921	0.880	0.853	0.875	0.988	0.851	0.873	0.833	0.778	0.859	0.850	0.880	0.925	0.724	0.869							
PA1	0.835	0.833	0.900	0.868	0.859	0.850	0.874	0.647	0.618	0.712	0.606	0.864	0.801	0.843	0.873	0.753	0.772	0.902						
PA2	0.845	0.807	0.931	0.884	0.859	0.866	0.923	0.699	0.659	0.840	0.625	0.835	0.778	0.823	0.830	0.731	0.779	0.928	0.427					
MIC	0.866	0.870	0.904	0.900	0.860	0.855	0.911	0.706	0.636	0.690	0.695	0.864	0.804	0.838	0.836	0.730	0.730	0.955	0.532	0.668				
AU1	0.942	0.943	0.988	0.977	0.967	0.970	0.991	0.963	0.958	0.948	0.914	0.948	0.955	0.978	0.981	0.952	0.898	0.889	0.928	0.894	0.926			
AU2	0.966	0.973	0.955	0.940	0.947	0.949	0.968	0.975	0.986	0.980	0.976	0.992	0.992	0.993	0.991	0.977	0.984	0.926	0.970	0.953	0.973	0.814		
NC1	0.981	0.988	0.981	0.973	0.954	0.943	0.974	0.929	0.959	0.981	0.956	0.983	0.980	0.982	0.978	0.944	0.957	0.943	0.967	0.927	0.956	0.895	0.899	
NC2	0.981	0.989	0.982	0.972	0.941	0.942	0.975	0.962	0.985	0.987	0.975	0.987	0.982	0.983	0.979	0.971	0.961	0.965	0.976	0.926	0.966	0.894	0.906	0.577

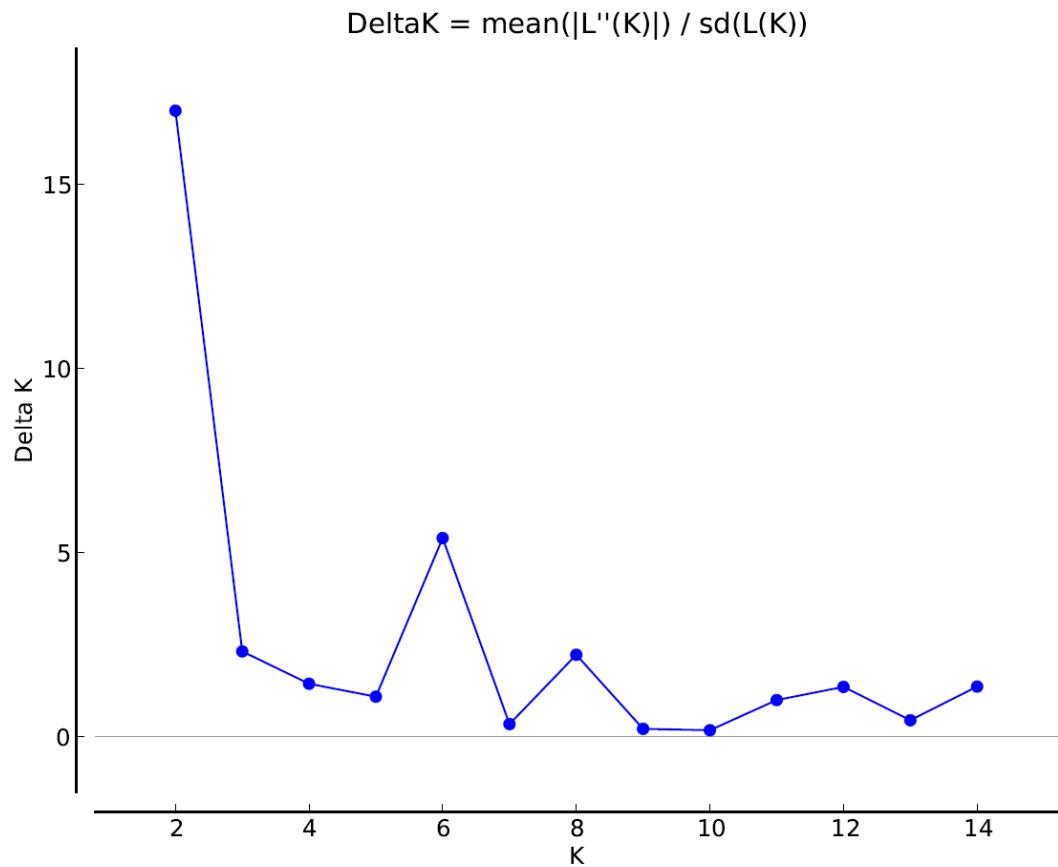


Figure S1. Graph showing K value against ΔK according to STRUCTURE HARVESTER, indicating that the most likely number of clusters in the total population was two.