

Additional File 6: AMOVA results

	Variance component	P value	Fixation indexes	% of variation
Among groups	Va = 0.67919	< 0.0001	Φ_{ct} = 0.29499	29.5
Among populations within groups	Vb = 0.17737	< 0.0001	Φ_{sc} = 0.10927	7,7
Within populations	Vc = 1.44583	< 0.0001	Φ_{st} = 0.372.3	62.8