

Table S2 Population statistics calculated using populations (STACKS) for *de novo* mapping and reference mapping (refmap). The parameters for M and n were tested for all values 3-6 with all other parameters constant.

M, n	Sites	#Sites	Variant Sites	Polymorphic Sites	%Polymorphic Loci	Obs Het	Obs Hom	Exp Het	Exp Hom	Pi	Fis
3	Variant	-	-	-	-	0.67464	0.32536	0.48628	0.51372	0.81353	0.22077
	All	311940625	625507	625507	0.20052	0.00135	0.99865	0.00098	0.99902	0.00163	0.00044
4	Variant	-	-	-	-	0.61975	0.38025	0.48479	0.51521	0.79529	0.27962
	All	299571207	683674	683674	0.22822	0.00141	0.99859	0.00111	0.99889	0.00181	0.00064
5	Variant	-	-	-	-	0.57126	0.42874	0.48315	0.51685	0.77829	0.33198
	All	290983440	746077	746077	0.2564	0.00146	0.99854	0.00124	0.99876	0.002	0.00085
6	Variant	-	-	-	-	0.52977	0.47023	0.48143	0.51857	0.76334	0.37786
	All	284504386	811993	811993	0.28541	0.00151	0.99849	0.00137	0.99863	0.00218	0.00108