

Table 1 Summary of genomic sequences generated by RAD-seq

Sample	Before filter					After filter				
	Raw reads	Raw bases	Q20(%)	Q30(%)	GC (%)	Clean reads	Clean bases	Q20(%)	Q30(%)	GC (%)
GS1	20616260	3030590220	95.79	90.75	41.82	19477726	2802041755	98.43	94.82	41.59
GS4	36013240	5293946280	96.54	92	42.87	34514484	4981424350	98.57	95.2	42.71
HH11	71230158	1.0471E+10	97.82	94.82	42.33	68027491	9756279887	99.07	96.72	42.14
HH23	37827262	5560607514	96.55	92.05	41.65	36224036	5227102836	98.58	95.27	41.49
SH14	29768578	4405749544	96.71	92.34	41.2	28595031	4159094890	98.62	95.37	41.05
SH7	27528122	4046633934	96.11	91.2	42.78	26250564	3783764204	98.44	94.86	42.58
TH7	21724160	3215175680	96.63	92.2	41.22	20880851	3039414701	98.58	95.29	41.07
TH9	27215886	4027951128	96.39	91.75	41.95	26013910	3776056758	98.53	95.12	41.8